

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091622\  
 Data File : VD074334.D  
 Acq On : 16 Sep 2022 17:15  
 Operator : VA/SY  
 Sample : VD0916SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0916SBS01

Quant Time: Sep 17 04:23:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D091622S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 17 04:16:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 103007   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 172541   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.575 | 117  | 153516   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.510 | 152  | 73957    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 50521    | 50.354   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.700% |      |
| 35) Dibromofluoromethane    | 7.804  | 113   | 52798    | 46.462   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 92.920%  |      |
| 50) Toluene-d8              | 10.269 | 98    | 215916   | 55.066   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 110.140% |      |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 64133    | 48.038   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 96.080%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.928 | 85  | 19565  | 20.619  | ug/l   | 95  |
| 3) Chloromethane             | 2.140 | 50  | 19875  | 22.025  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.275 | 62  | 18810  | 21.239  | ug/l   | 92  |
| 5) Bromomethane              | 2.669 | 94  | 10820  | 19.762  | ug/l   | 99  |
| 6) Chloroethane              | 2.828 | 64  | 10807  | 20.770  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.164 | 101 | 35955  | 20.834  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.587 | 74  | 10727  | 19.499  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.963 | 101 | 21761  | 20.054  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.163 | 142 | 25238  | 18.828  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.058 | 59  | 7135   | 105.231 | ug/l # | 74  |
| 12) 1,1-Dichloroethene       | 3.934 | 96  | 22815  | 20.655  | ug/l   | 99  |
| 13) Acrolein                 | 3.793 | 56  | 8010   | 109.543 | ug/l   | 96  |
| 14) Allyl chloride           | 4.558 | 41  | 32442  | 20.294  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.258 | 53  | 25332  | 104.471 | ug/l   | 99  |
| 16) Acetone                  | 4.022 | 43  | 19720  | 87.243  | ug/l # | 87  |
| 17) Carbon Disulfide         | 4.263 | 76  | 74082  | 20.597  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.558 | 43  | 13506  | 21.059  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.322 | 73  | 48315  | 20.425  | ug/l   | 93  |
| 20) Methylene Chloride       | 4.799 | 84  | 35135  | 19.525  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.305 | 96  | 24943  | 20.394  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.210 | 45  | 68130  | 20.234  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.157 | 43  | 129062 | 85.415  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.105 | 63  | 43689  | 20.159  | ug/l   | 98  |
| 25) 2-Butanone               | 7.081 | 43  | 31547  | 93.703  | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 34510  | 19.289  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.075 | 96  | 26368  | 19.459  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.422 | 49  | 16472  | 19.683  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.440 | 42  | 19447  | 100.793 | ug/l   | 98  |
| 30) Chloroform               | 7.599 | 83  | 41657  | 19.547  | ug/l   | 96  |
| 31) Cyclohexane              | 7.875 | 56  | 41615  | 19.777  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 38370  | 20.411  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.004 | 75  | 35402  | 20.409  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.169 | 43  | 13699  | 19.713  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 31372  | 20.408  | ug/l   | 92  |
| 39) Methylcyclohexane        | 9.269 | 83  | 41966  | 20.001  | ug/l   | 97  |
| 40) Benzene                  | 8.246 | 78  | 97148  | 19.974  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091622\  
 Data File : VD074334.D  
 Acq On : 16 Sep 2022 17:15  
 Operator : VA/SY  
 Sample : VD0916SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0916SBS01

Quant Time: Sep 17 04:23:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D091622S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 17 04:16:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.404  | 41   | 7797     | 20.671  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 25127    | 20.228  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.357  | 43   | 25631    | 19.991  | ug/l   | 96       |
| 44) Trichloroethene           | 9.028  | 130  | 25918    | 20.268  | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 24948    | 20.395  | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 12439    | 19.770  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.581  | 83   | 31580    | 20.377  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.375  | 41   | 12402    | 19.989  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 2859     | 415.212 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 67288    | 99.891  | ug/l   | 99       |
| 52) Toluene                   | 10.328 | 92   | 61664    | 20.583  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 27595    | 19.958  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 35678    | 19.945  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 16529    | 19.943  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 22640    | 20.853  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 30493    | 20.357  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 21959    | 92.114  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.916 | 43   | 45625    | 96.833  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.069 | 129  | 20647    | 20.803  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 16068    | 20.187  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.804 | 164  | 21613    | 20.770  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.604 | 112  | 66263    | 20.952  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.675 | 131  | 21808    | 20.080  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 118571   | 20.436  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.787 | 106  | 90368    | 40.660  | ug/l   | 98       |
| 69) o-Xylene                  | 12.116 | 106  | 42952    | 21.147  | ug/l   | 97       |
| 70) Styrene                   | 12.128 | 104  | 71264    | 20.601  | ug/l   | 99       |
| 71) Bromoform                 | 12.292 | 173  | 11924    | 20.460  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.416 | 105  | 113126   | 19.888  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.228 | 43   | 24058    | 19.138  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 20465    | 20.707  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.716 | 75   | 23331    | 34.096  | ug/l # | 100      |
| 77) Bromobenzene              | 12.692 | 156  | 24622    | 19.809  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.757 | 91   | 142510   | 20.197  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.839 | 91   | 74187    | 19.937  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 91990    | 19.778  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 4575     | 16.757  | ug/l # | 100      |
| 82) 4-Chlorotoluene           | 12.939 | 91   | 76965    | 19.945  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.157 | 119  | 78486    | 19.029  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.204 | 105  | 91089    | 19.906  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.334 | 105  | 123376   | 20.158  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.451 | 119  | 101371   | 19.818  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.451 | 146  | 50777    | 19.874  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.528 | 146  | 50954    | 20.406  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.781 | 91   | 99944    | 19.949  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.045 | 117  | 18931    | 19.610  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.822 | 146  | 43853    | 20.356  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.434 | 75   | 2807     | 19.107  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.086 | 180  | 29514    | 20.309  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.192 | 225  | 16656    | 20.174  | ug/l   | 97       |
| 95) Naphthalene               | 15.322 | 128  | 51172    | 18.997  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.510 | 180  | 24769    | 19.832  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091622\  
Data File : VD074334.D  
Acq On : 16 Sep 2022 17:15  
Operator : VA/SY  
Sample : VD0916SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

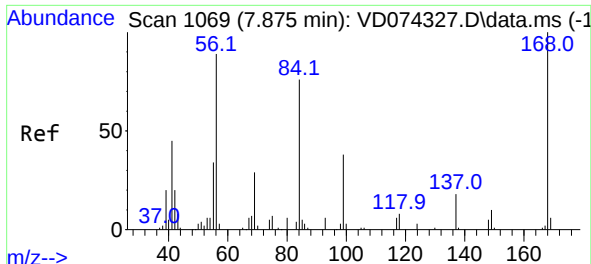
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

Quant Time: Sep 17 04:23:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D091622S.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 17 04:16:54 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

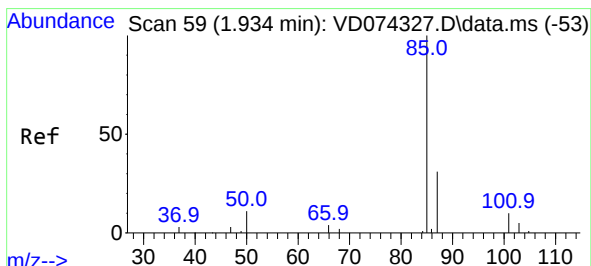
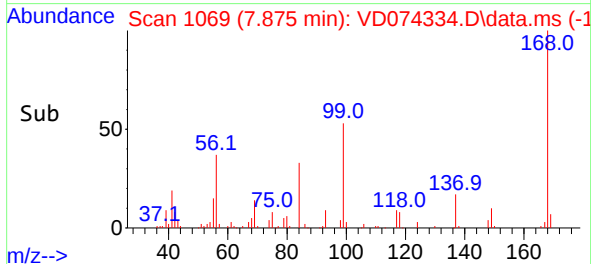
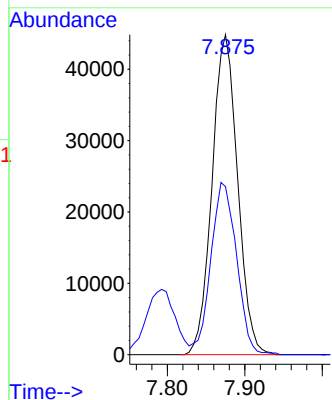
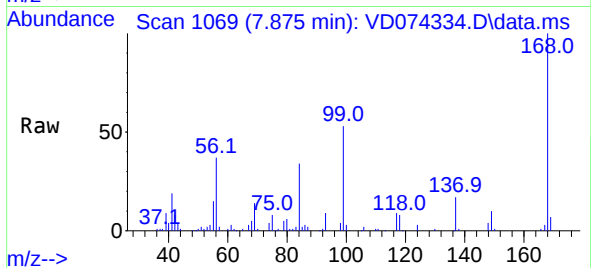




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

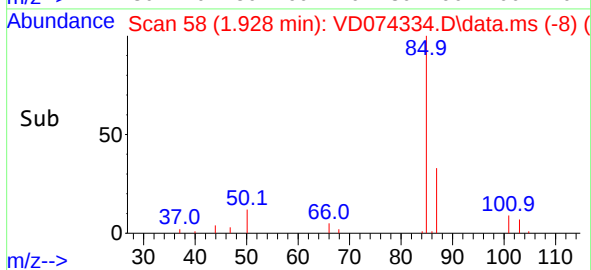
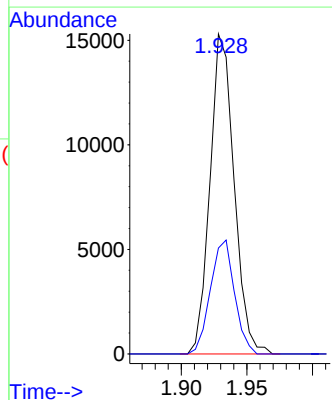
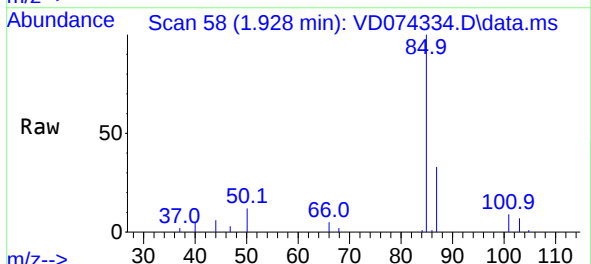
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

Tgt Ion:168 Resp: 103007  
Ion Ratio Lower Upper  
168 100  
99 52.6 43.0 64.6

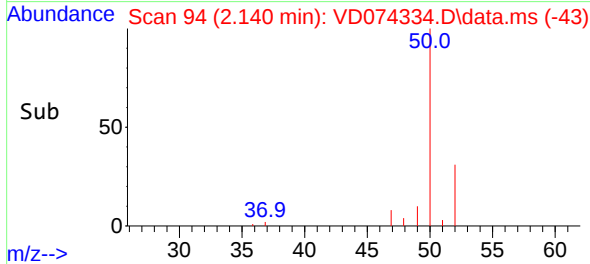
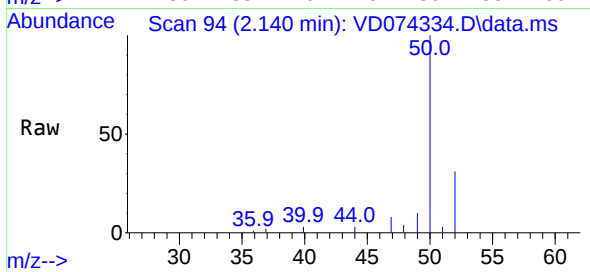
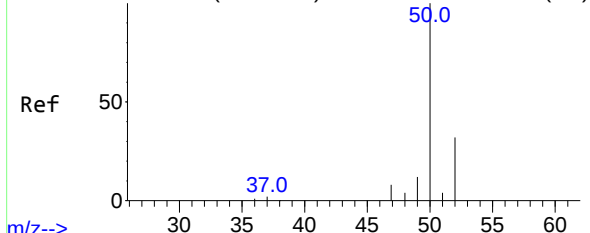


#2  
Dichlorodifluoromethane  
Concen: 20.619 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 85 Resp: 19565  
Ion Ratio Lower Upper  
85 100  
87 33.1 17.9 53.7



Abundance Scan 94 (2.140 min): VD074327.D\data.ms (-89)



#3

Chloromethane

Concen: 22.025 ug/l

RT: 2.140 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

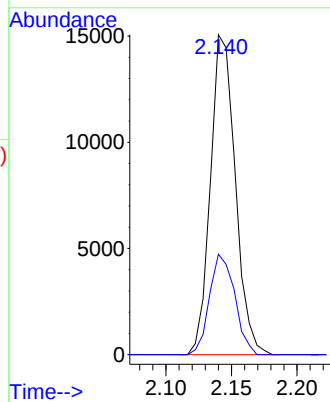
VD0916SBSD01

Tgt Ion: 50 Resp: 19875

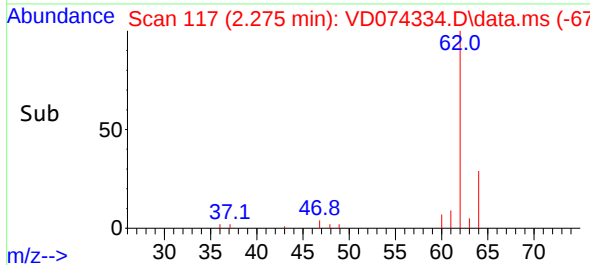
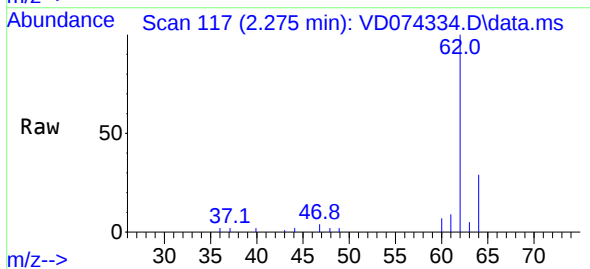
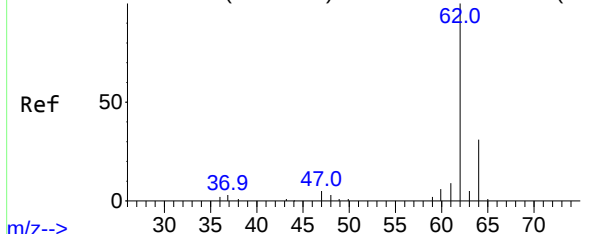
Ion Ratio Lower Upper

50 100

52 31.4 25.8 38.8



Abundance Scan 118 (2.281 min): VD074327.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 21.239 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074334.D

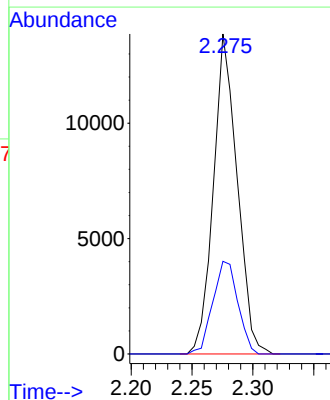
Acq: 16 Sep 2022 17:15

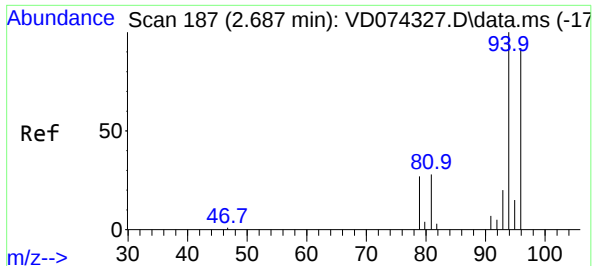
Tgt Ion: 62 Resp: 18810

Ion Ratio Lower Upper

62 100

64 29.0 27.0 40.4

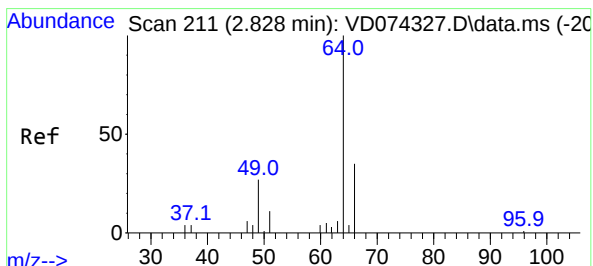
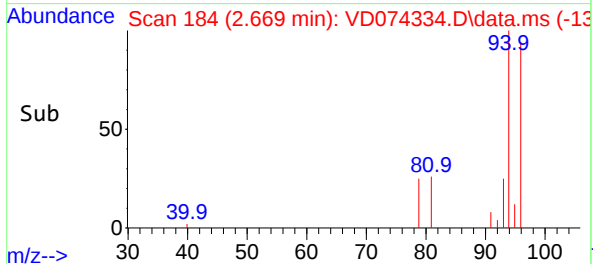
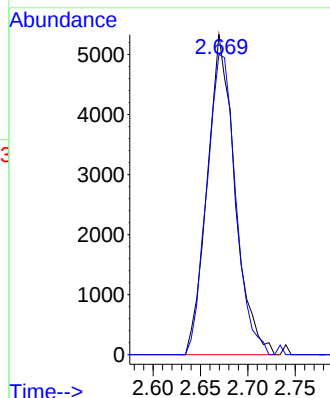
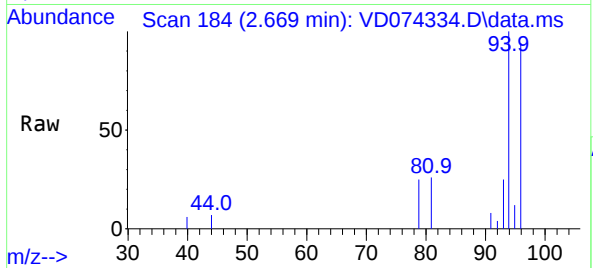




#5  
Bromomethane  
Concen: 19.762 ug/l  
RT: 2.669 min Scan# 184  
Delta R.T. -0.018 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

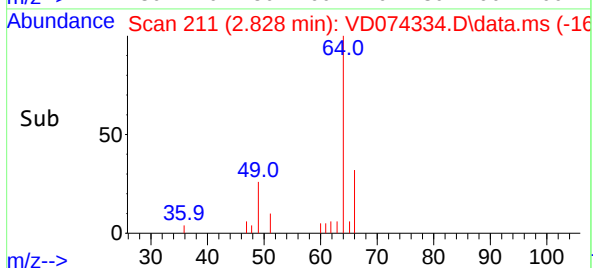
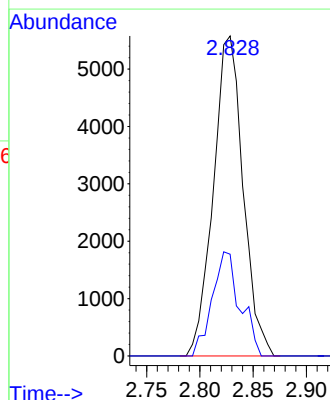
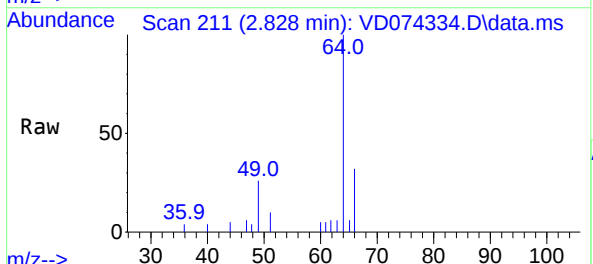
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

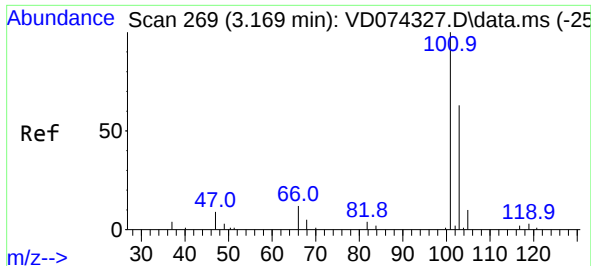
Tgt Ion: 94 Resp: 10820  
Ion Ratio Lower Upper  
94 100  
96 93.8 74.6 112.0



#6  
Chloroethane  
Concen: 20.770 ug/l  
RT: 2.828 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 64 Resp: 10807  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.6 36.8

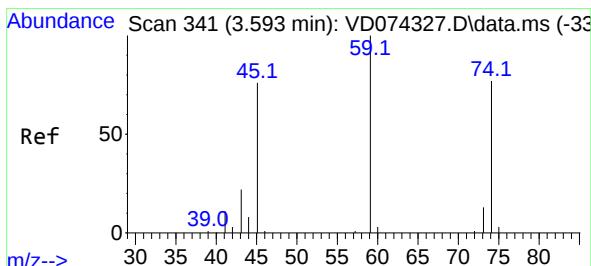
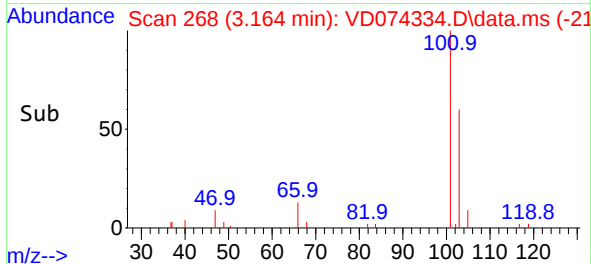
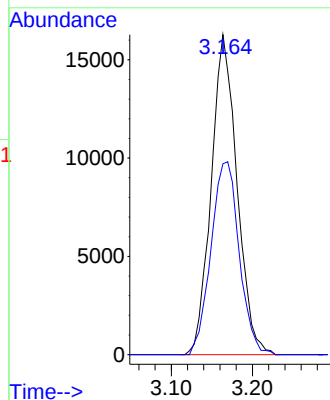
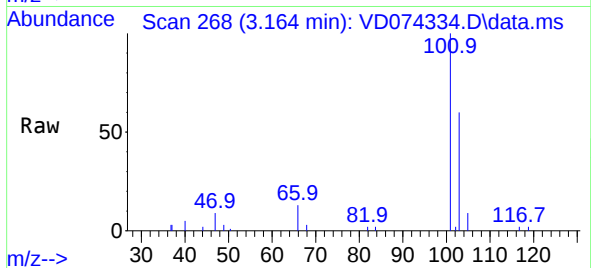




#7  
Trichlorofluoromethane  
Concen: 20.834 ug/l  
RT: 3.164 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

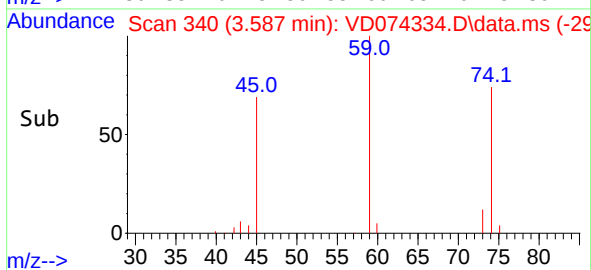
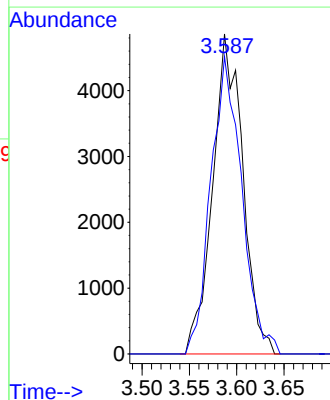
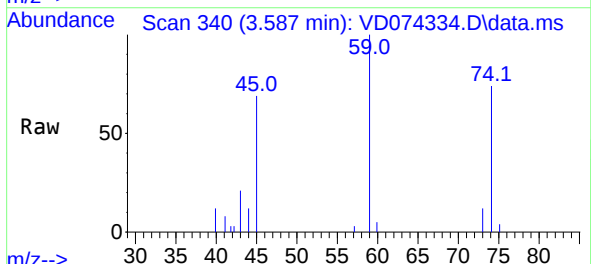
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

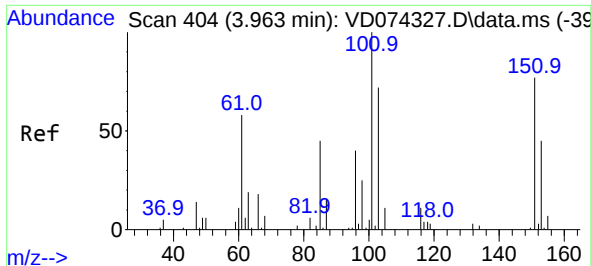
Tgt Ion:101 Resp: 35955  
Ion Ratio Lower Upper  
101 100  
103 59.6 50.6 76.0



#8  
Diethyl Ether  
Concen: 19.499 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 74 Resp: 10727  
Ion Ratio Lower Upper  
74 100  
45 95.5 47.9 143.6

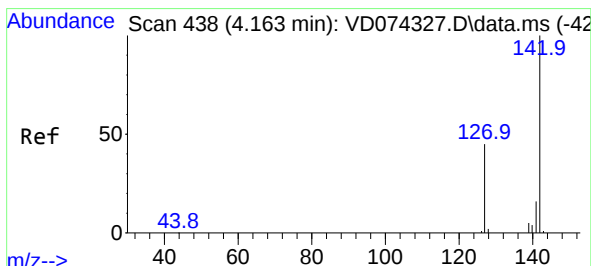
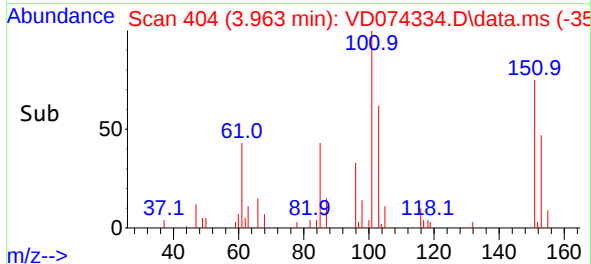
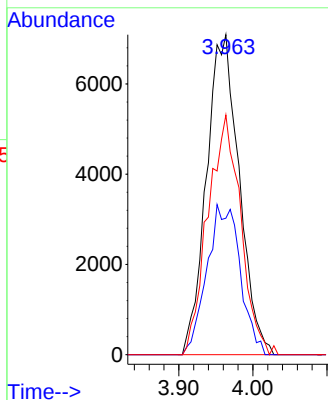
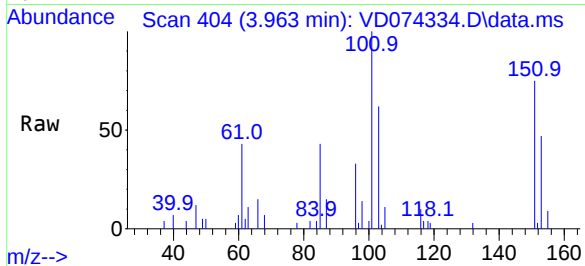




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.054 ug/l  
RT: 3.963 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

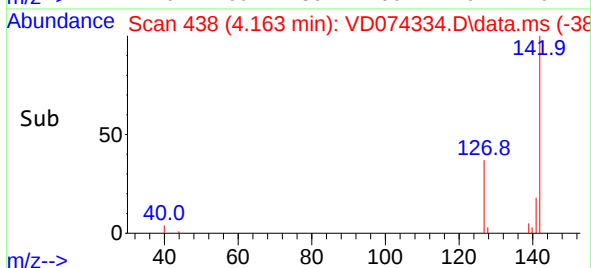
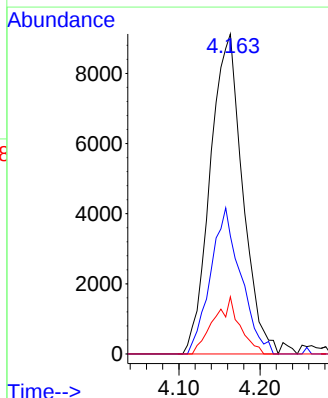
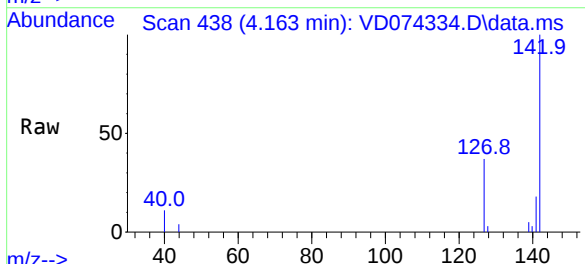
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

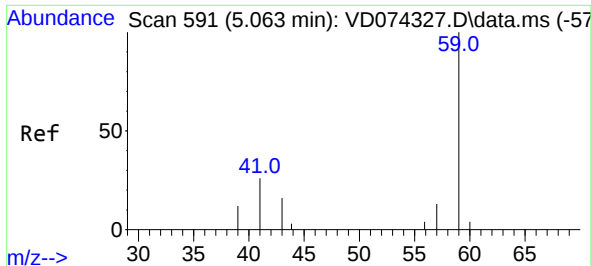
Tgt Ion:101 Resp: 21761  
Ion Ratio Lower Upper  
101 100  
85 47.5 35.0 52.4  
151 75.2 59.7 89.5



#10  
Methyl Iodide  
Concen: 18.828 ug/l  
RT: 4.163 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:142 Resp: 25238  
Ion Ratio Lower Upper  
142 100  
127 42.9 34.6 51.8  
141 14.4 11.7 17.5

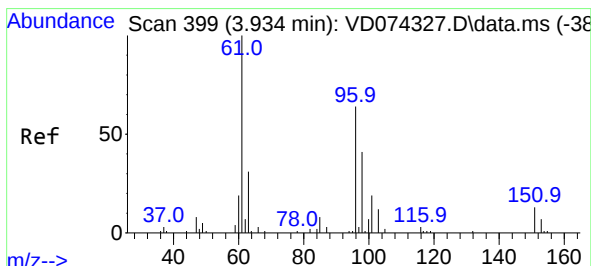
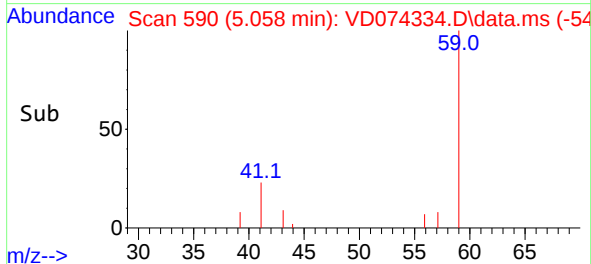
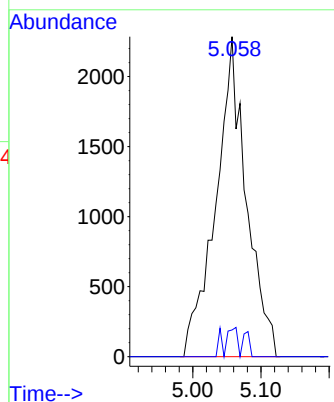
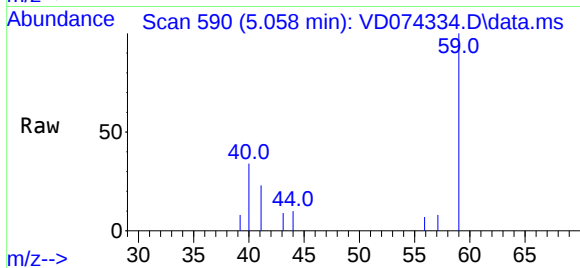




#11  
Tert butyl alcohol  
Concen: 105.231 ug/l  
RT: 5.058 min Scan# 591  
Delta R.T. -0.005 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

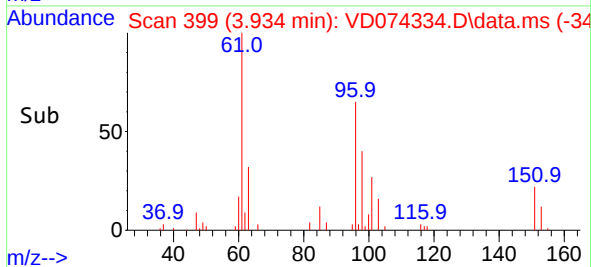
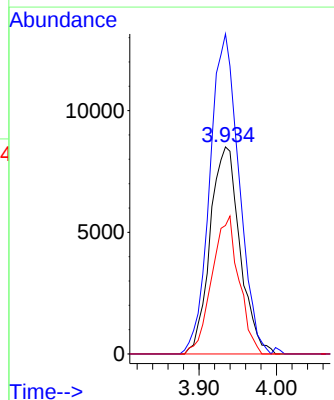
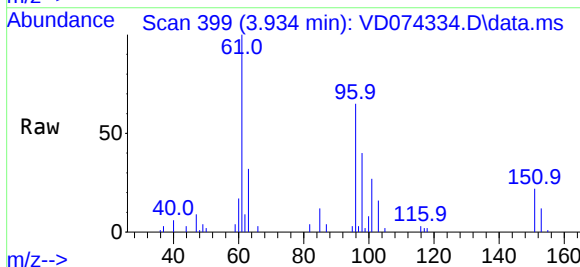
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

Tgt Ion: 59 Resp: 7135  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#

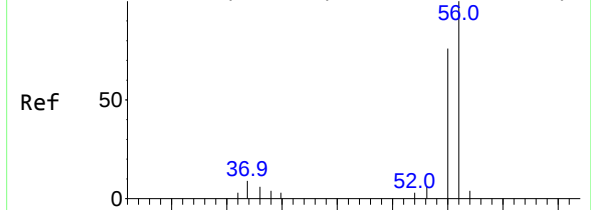


#12  
1,1-Dichloroethene  
Concen: 20.655 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 96 Resp: 22815  
Ion Ratio Lower Upper  
96 100  
61 154.6 122.3 183.5  
98 62.1 50.7 76.1



Abundance Scan 376 (3.799 min): VD074327.D\data.ms (-36



#13

Acrolein

Concen: 109.543 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0916SBS01

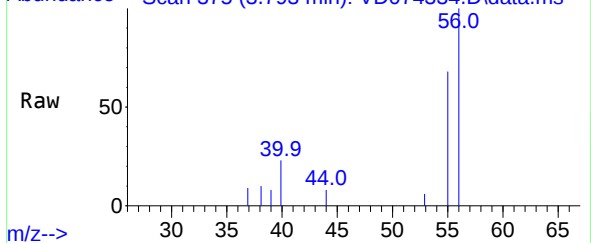
Tgt Ion: 56 Resp: 8010

Ion Ratio Lower Upper

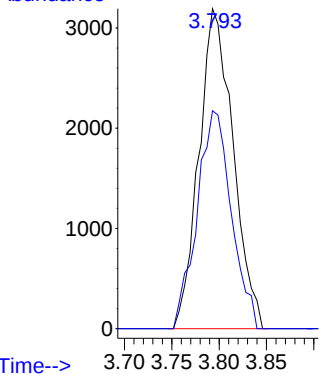
56 100

55 68.3 57.4 86.2

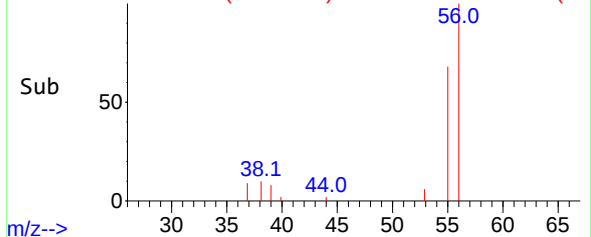
Abundance Scan 375 (3.793 min): VD074334.D\data.ms



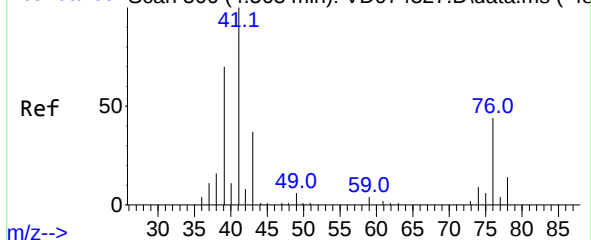
Abundance



Abundance Scan 375 (3.793 min): VD074334.D\data.ms (-32



Abundance Scan 506 (4.563 min): VD074327.D\data.ms (-48



#14

Allyl chloride

Concen: 20.294 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Tgt Ion: 41 Resp: 32442

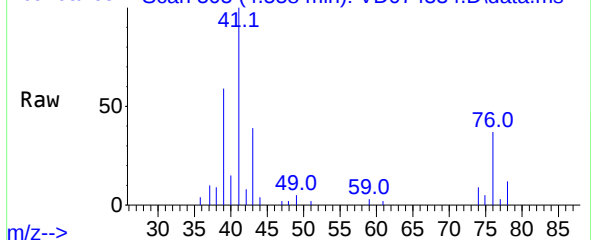
Ion Ratio Lower Upper

41 100

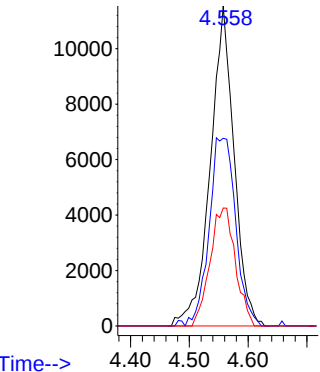
39 65.6 52.8 79.2

76 39.3 32.9 49.3

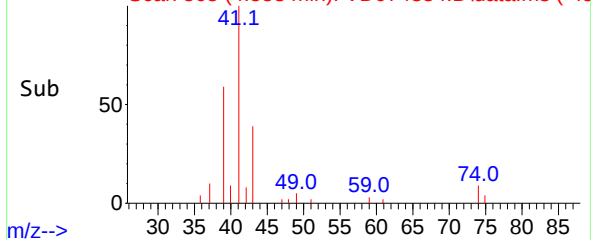
Abundance Scan 505 (4.558 min): VD074334.D\data.ms

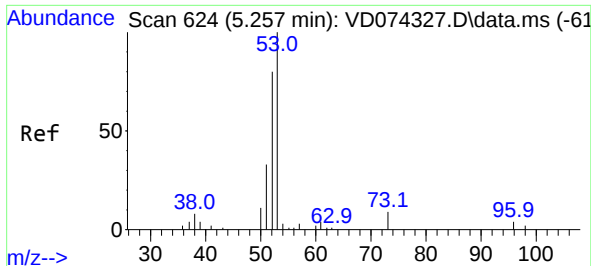


Abundance



Abundance Scan 505 (4.558 min): VD074334.D\data.ms (-45

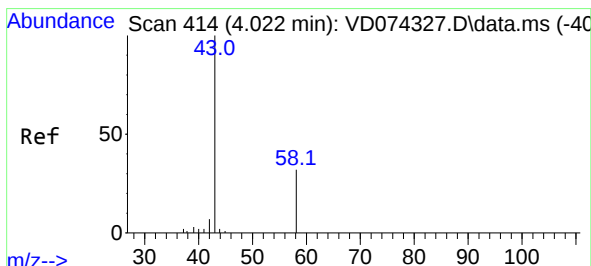
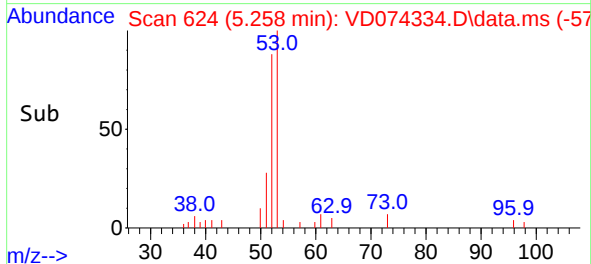
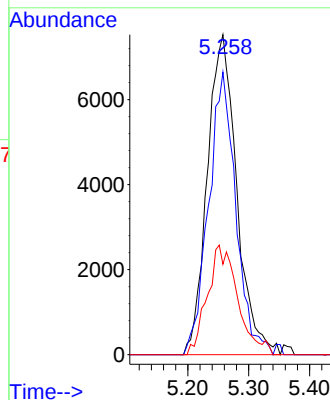
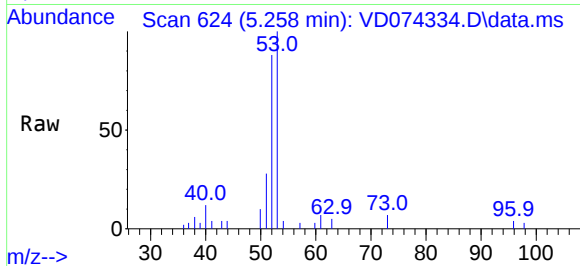




#15  
Acrylonitrile  
Concen: 104.471 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

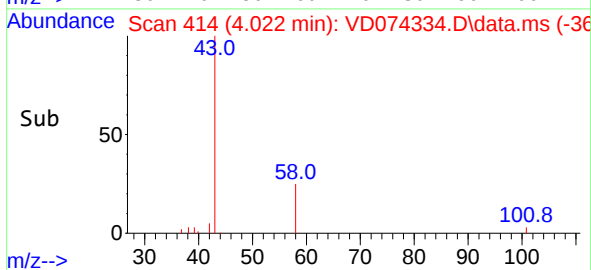
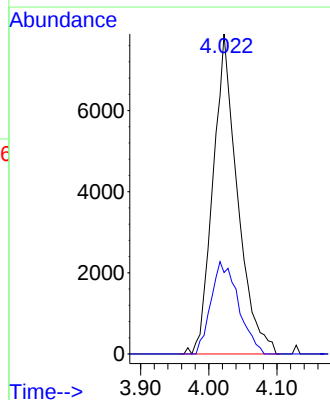
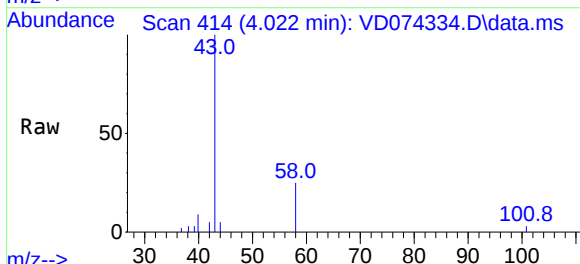
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

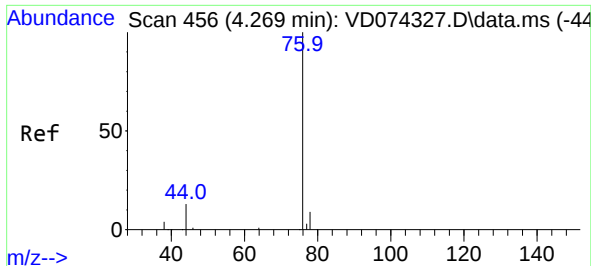
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 25332 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.7  | 65.3  | 97.9  |
| 51       | 35.3  | 29.0  | 43.6  |



#16  
Acetone  
Concen: 87.243 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19720 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.4  | 26.4  | 39.6# |

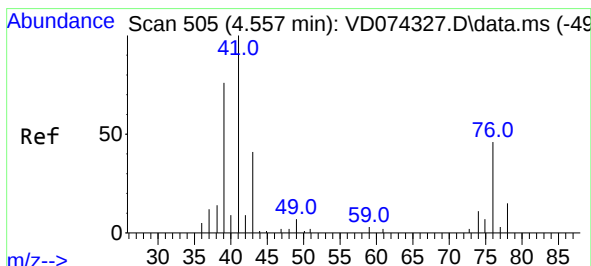
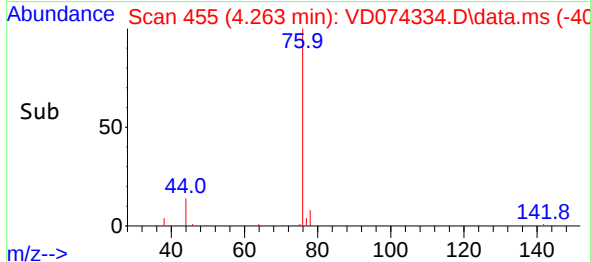
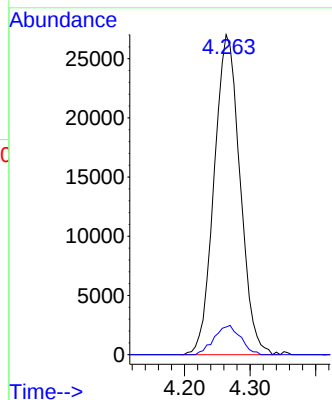
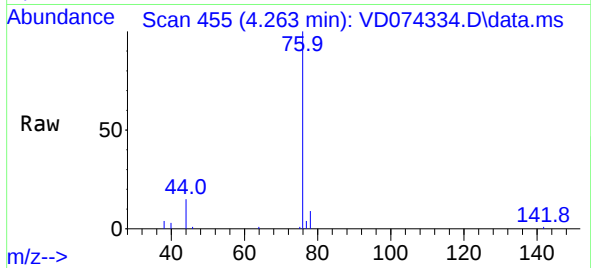




#17  
Carbon Disulfide  
Concen: 20.597 ug/l  
RT: 4.263 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

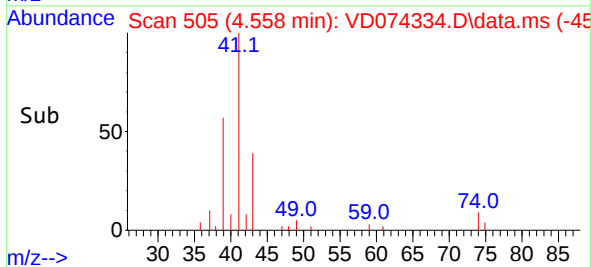
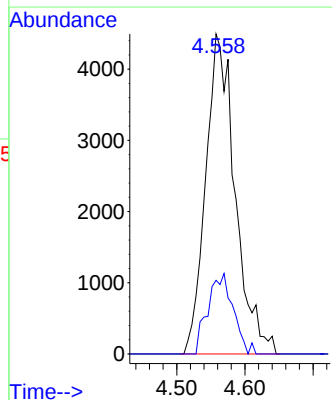
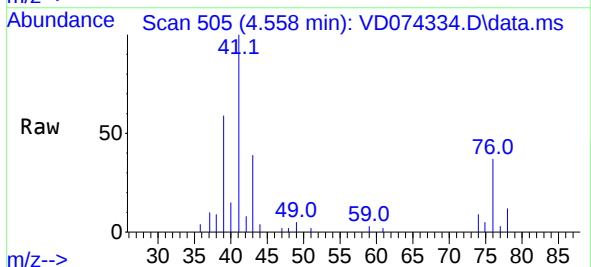
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

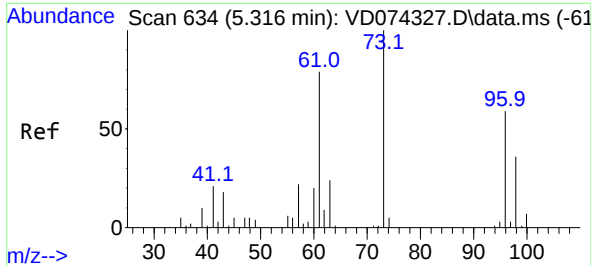
Tgt Ion: 76 Resp: 74082  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.059 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 43 Resp: 13506  
Ion Ratio Lower Upper  
43 100  
74 21.5 19.3 28.9

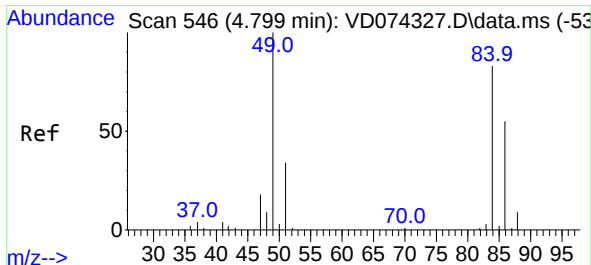
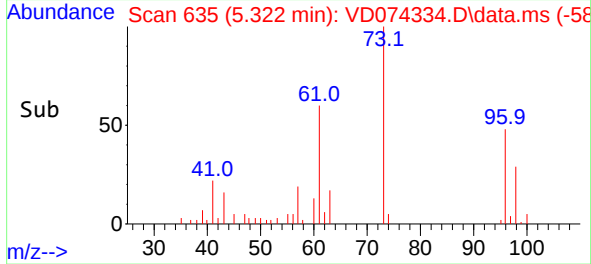
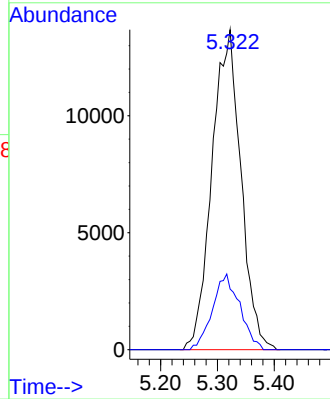
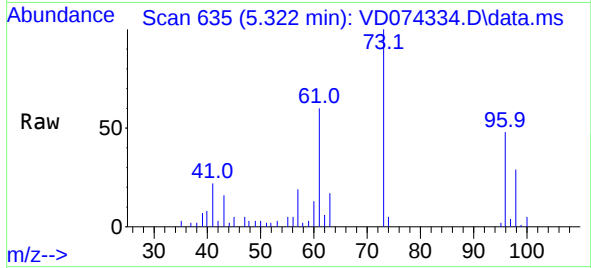




#19  
Methyl tert-butyl Ether  
Concen: 20.425 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

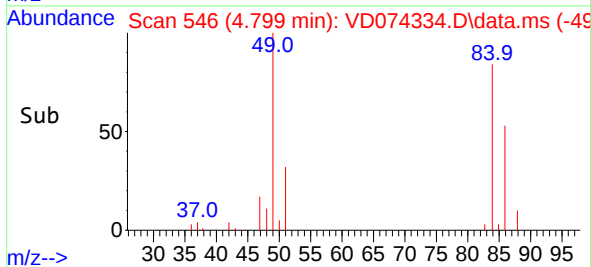
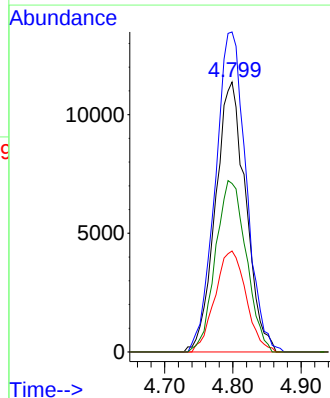
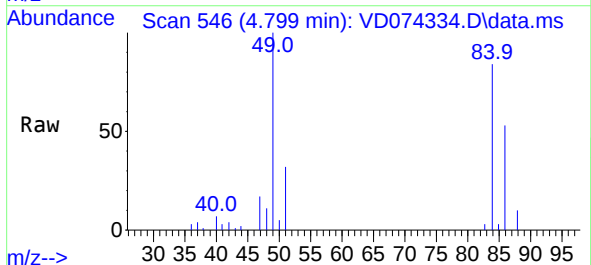
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

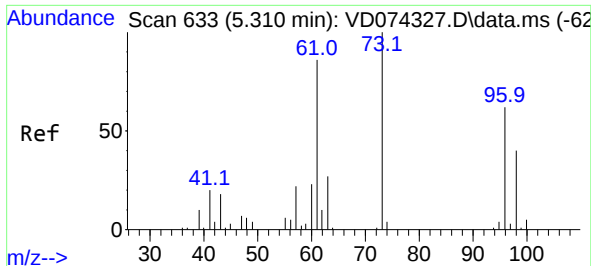
Tgt Ion: 73 Resp: 48315  
Ion Ratio Lower Upper  
73 100  
57 18.9 17.8 26.6



#20  
Methylene Chloride  
Concen: 19.525 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

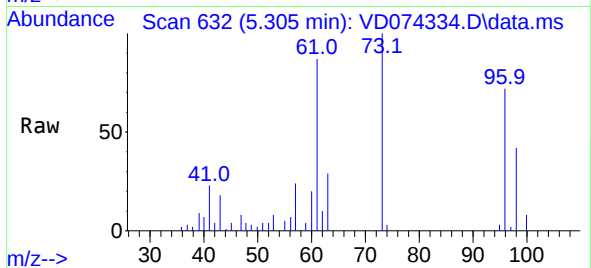
Tgt Ion: 84 Resp: 35135  
Ion Ratio Lower Upper  
84 100  
49 118.6 88.4 132.6  
51 37.4 28.0 42.0  
86 62.4 47.1 70.7



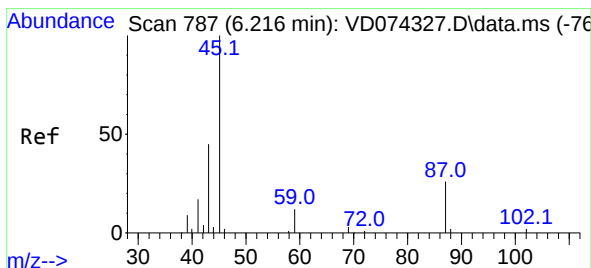
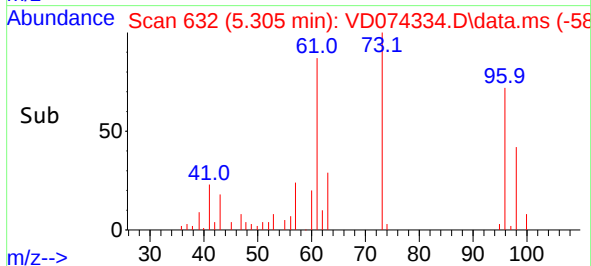
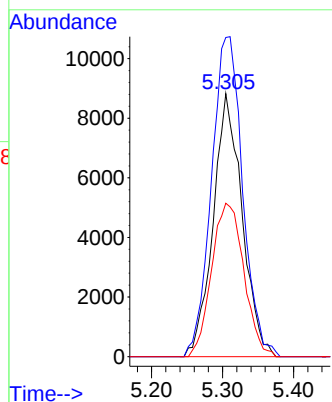


#21  
trans-1,2-Dichloroethene  
Concen: 20.394 ug/l  
RT: 5.305 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

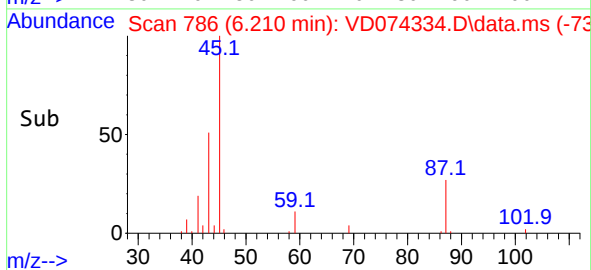
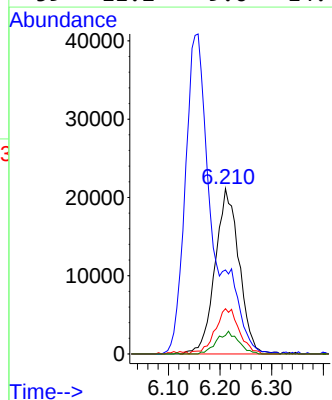
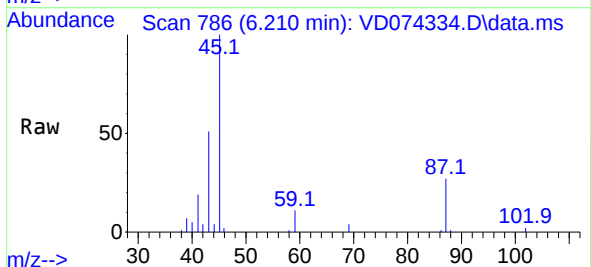


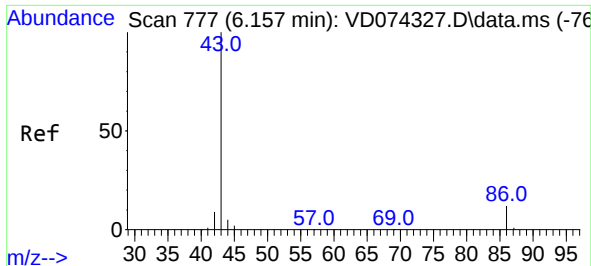
Tgt Ion: 96 Resp: 24943  
Ion Ratio Lower Upper  
96 100  
61 121.4 105.1 157.7  
98 58.3 47.4 71.2



#22  
Diisopropyl ether  
Concen: 20.234 ug/l  
RT: 6.210 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 45 Resp: 68130  
Ion Ratio Lower Upper  
45 100  
43 50.9 38.9 58.3  
87 27.4 21.0 31.4  
59 11.2 9.6 14.4

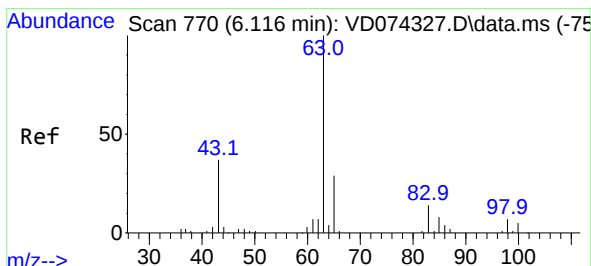
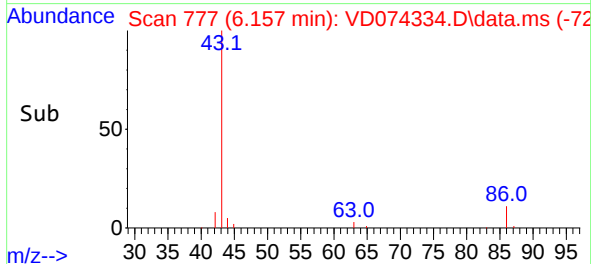
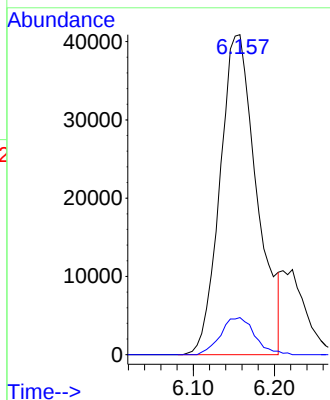
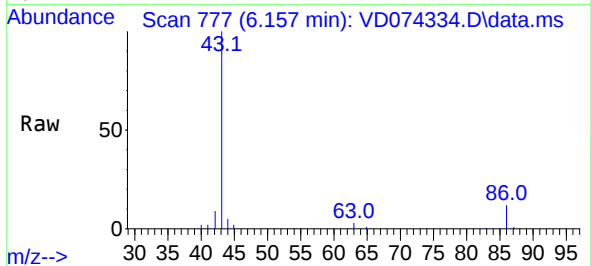




#23  
 Vinyl Acetate  
 Concen: 85.415 ug/l  
 RT: 6.157 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VD074334.D  
 Acq: 16 Sep 2022 17:15

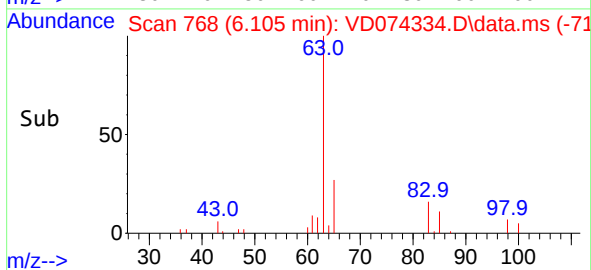
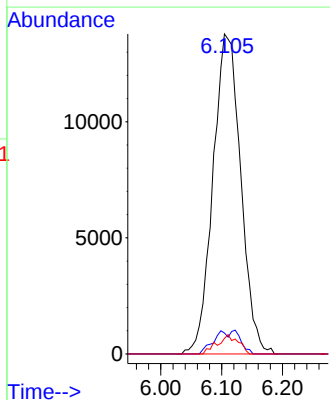
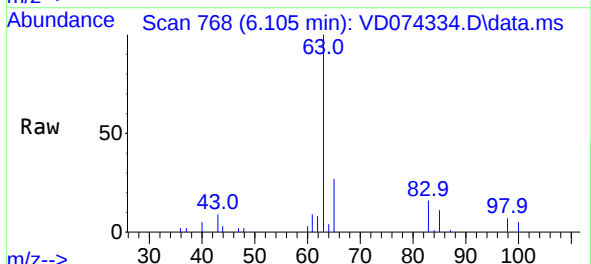
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0916SBS01

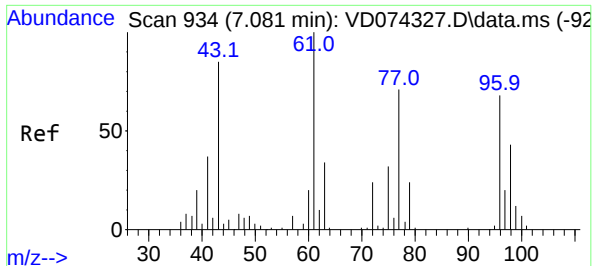
Tgt Ion: 43 Resp: 129062  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 20.159 ug/l  
 RT: 6.105 min Scan# 768  
 Delta R.T. -0.011 min  
 Lab File: VD074334.D  
 Acq: 16 Sep 2022 17:15

Tgt Ion: 63 Resp: 43689  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 2.8 8.4  
 100 4.8 2.2 6.6

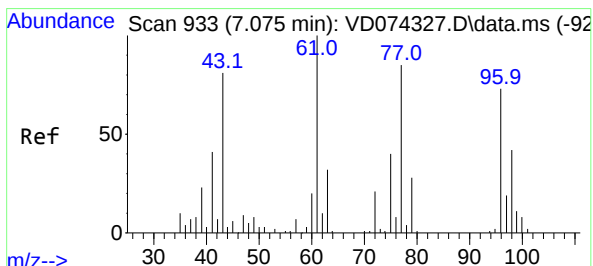
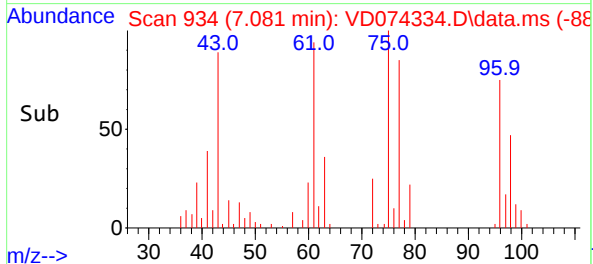
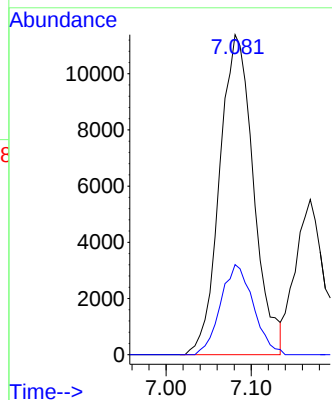
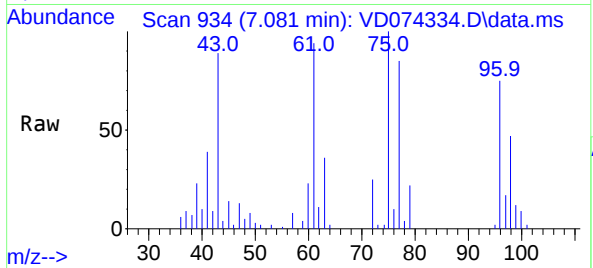




#25  
2-Butanone  
Concen: 93.703 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

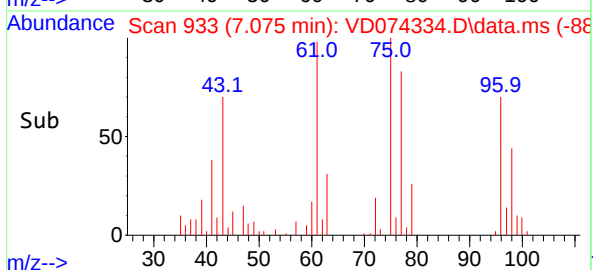
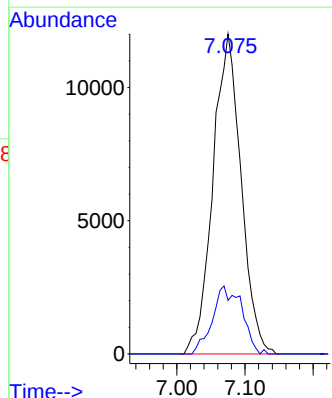
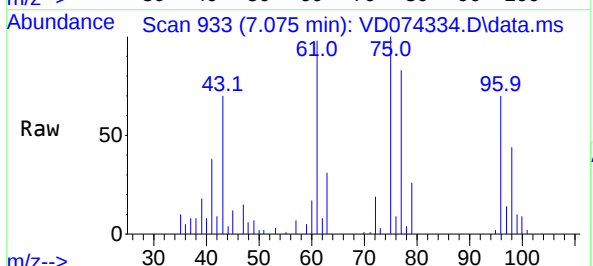
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

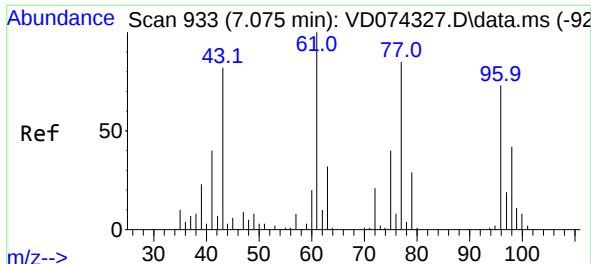
Tgt Ion: 43 Resp: 31547  
Ion Ratio Lower Upper  
43 100  
72 28.2 21.8 32.6



#26  
2,2-Dichloropropane  
Concen: 19.289 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 77 Resp: 34510  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.5 34.4



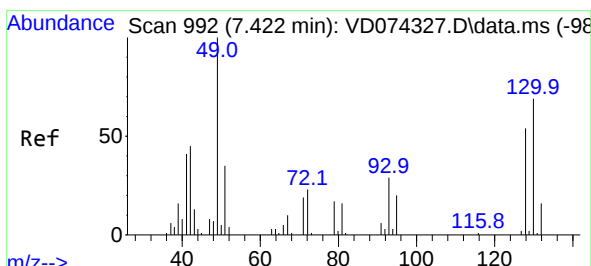
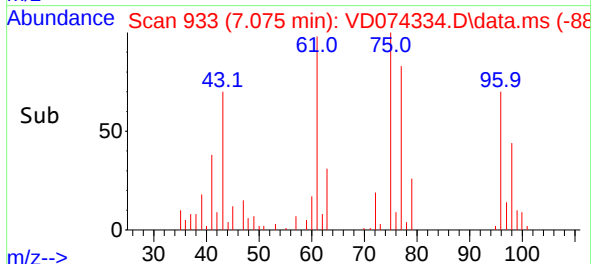
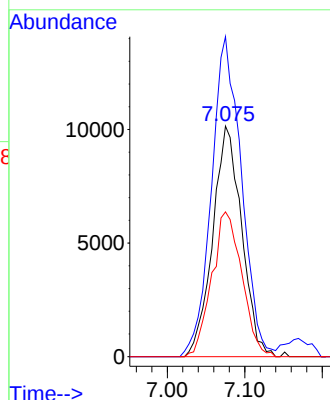
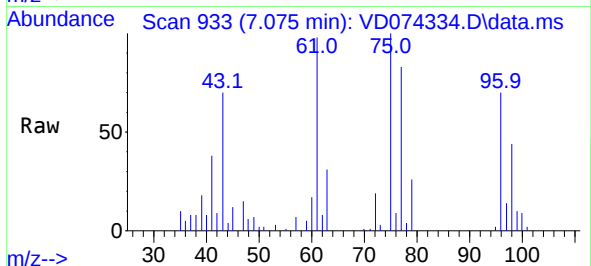


#27  
cis-1,2-Dichloroethene  
Concen: 19.459 ug/l  
RT: 7.075 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

Tgt Ion: 96 Resp: 26368

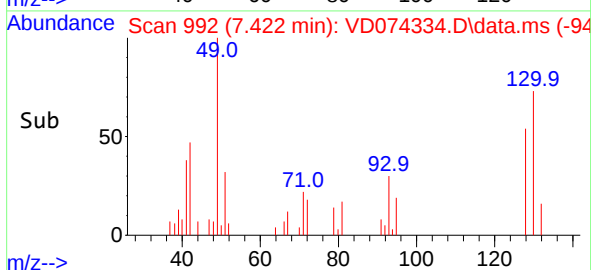
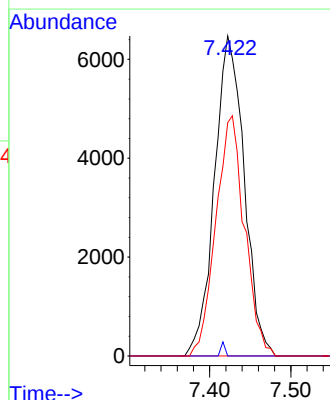
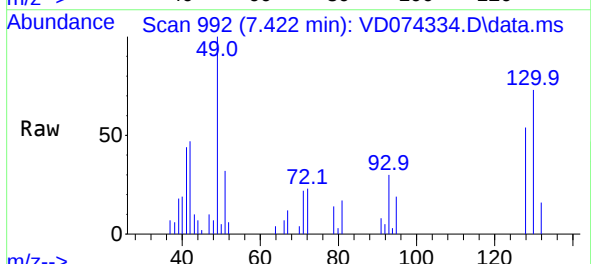
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 143.8 | 0.0   | 289.4 |
| 98  | 65.2  | 0.0   | 130.2 |

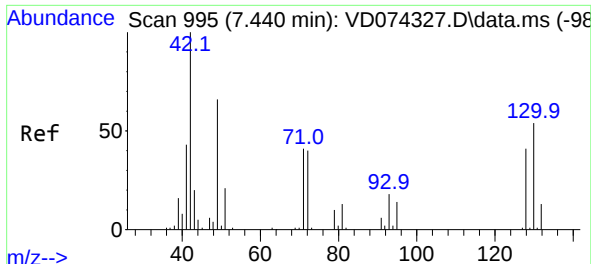


#28  
Bromochloromethane  
Concen: 19.683 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 49 Resp: 16472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.6   | 0.0   | 3.6   |
| 130 | 72.6  | 62.2  | 93.2  |

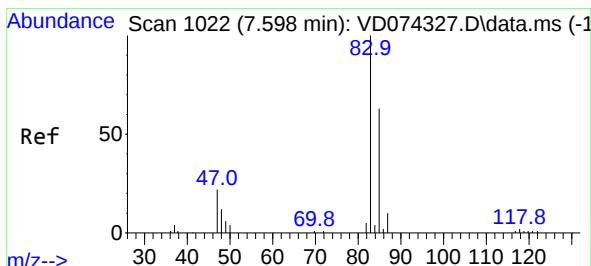
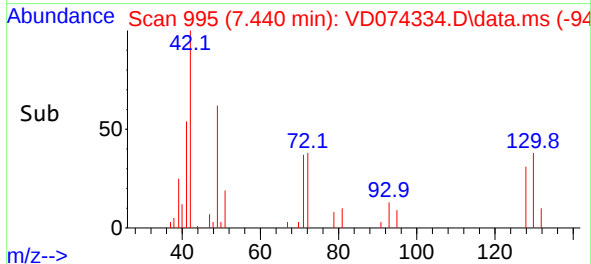
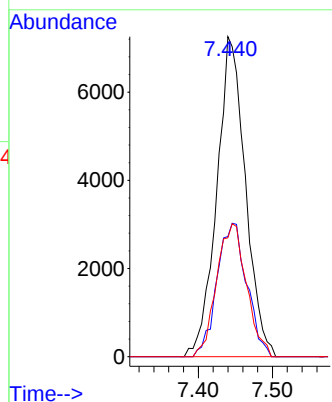
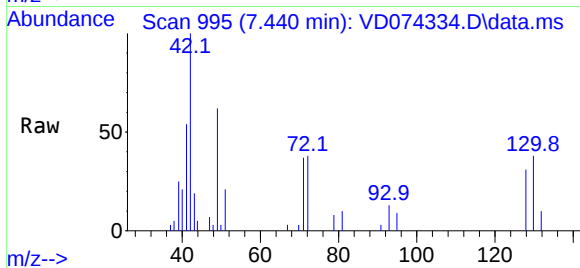




#29  
Tetrahydrofuran  
Concen: 100.793 ug/l  
RT: 7.440 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

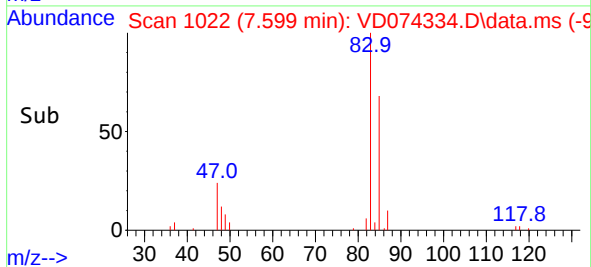
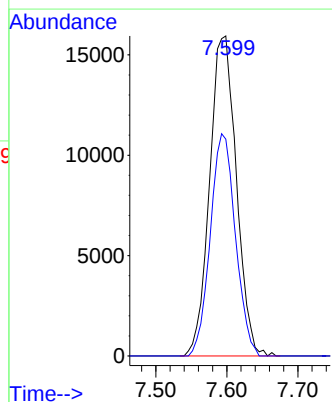
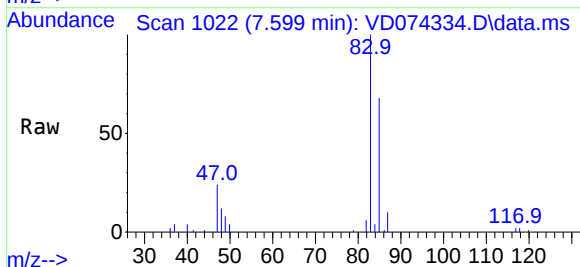
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

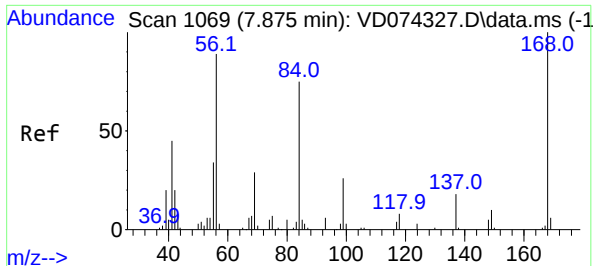
Tgt Ion: 42 Resp: 19447  
Ion Ratio Lower Upper  
42 100  
72 43.4 36.1 54.1  
71 43.3 34.1 51.1



#30  
Chloroform  
Concen: 19.547 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 83 Resp: 41657  
Ion Ratio Lower Upper  
83 100  
85 67.7 56.7 85.1





#31

Cyclohexane

Concen: 19.777 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0916SBS01

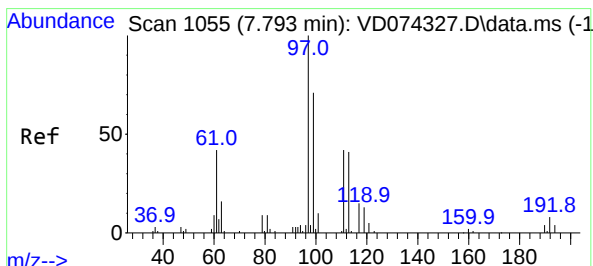
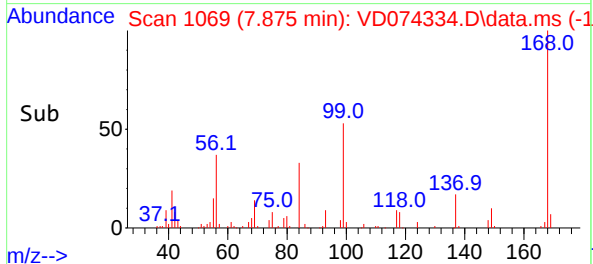
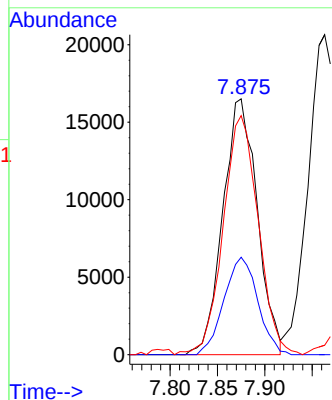
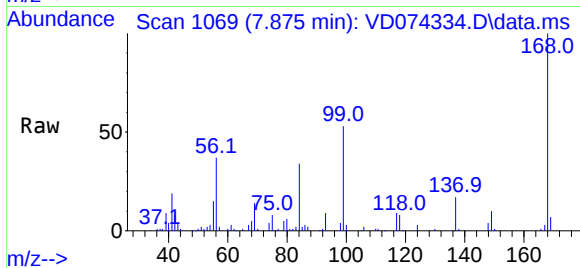
Tgt Ion: 56 Resp: 41615

Ion Ratio Lower Upper

56 100

69 38.1 25.7 38.5

84 92.3 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 20.411 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

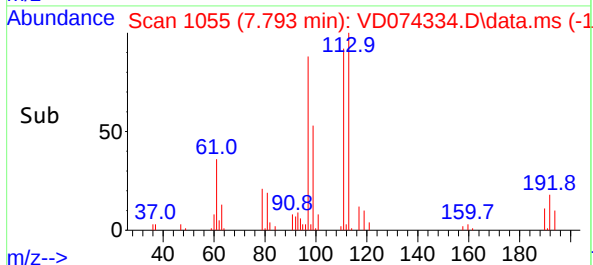
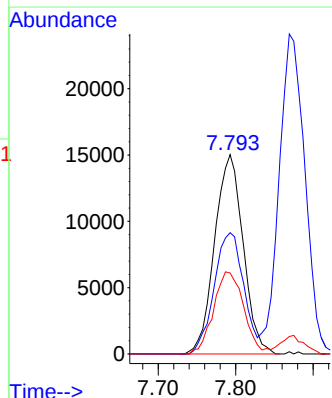
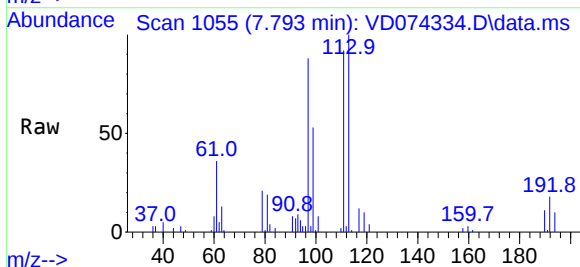
Tgt Ion: 97 Resp: 38370

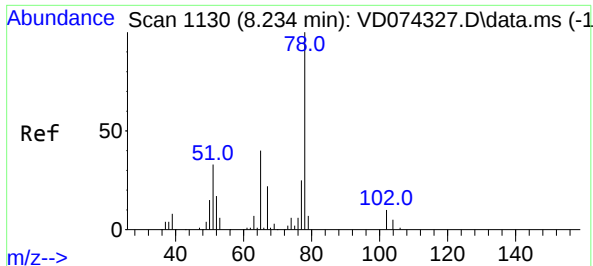
Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.354 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

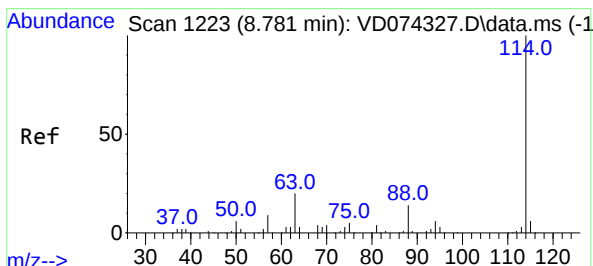
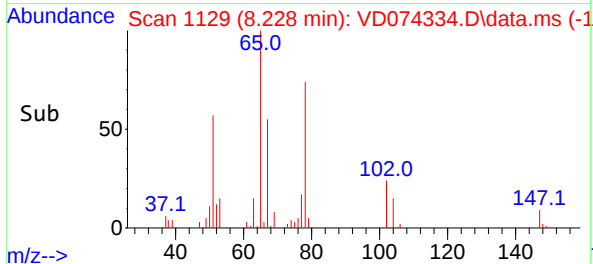
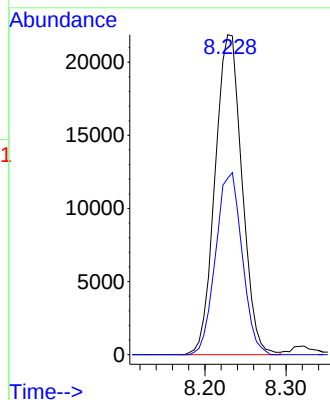
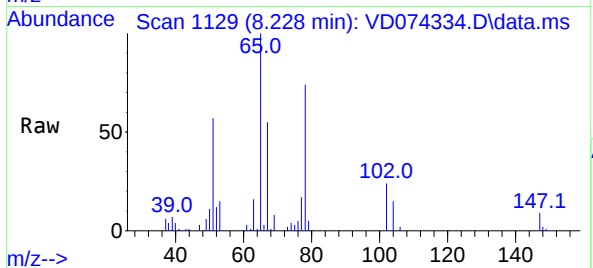
VD0916SBS01

Tgt Ion: 65 Resp: 50521

Ion Ratio Lower Upper

65 100

67 55.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

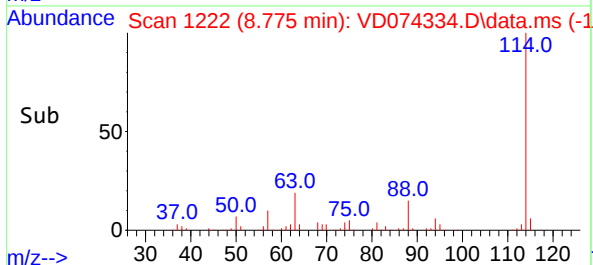
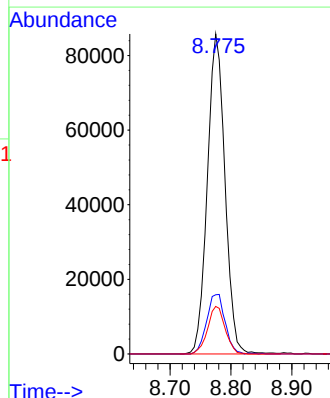
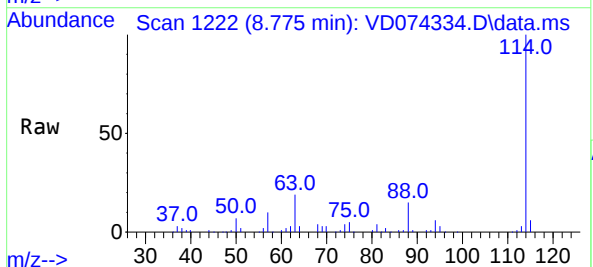
Tgt Ion: 114 Resp: 172541

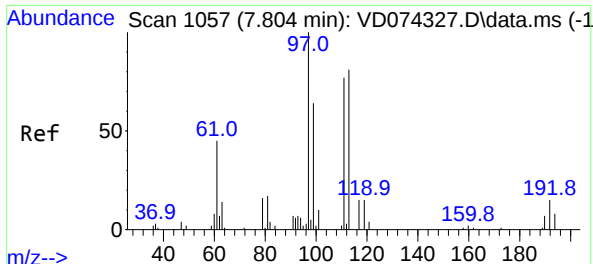
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

88 14.9 0.0 28.4

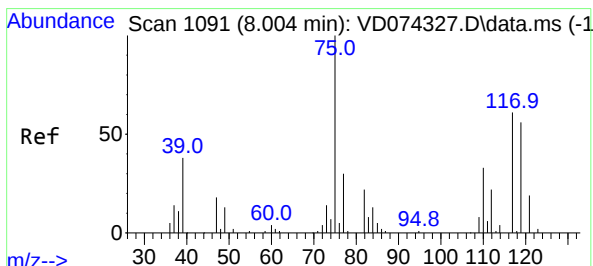
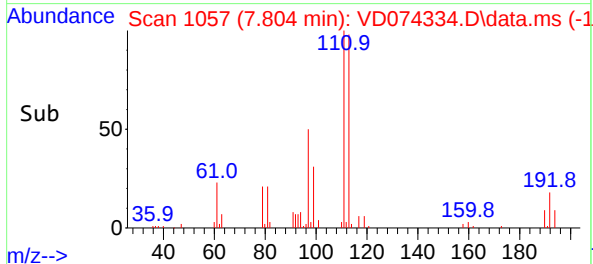
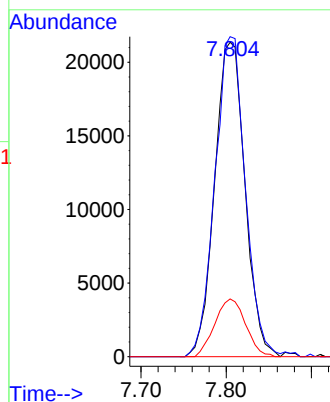
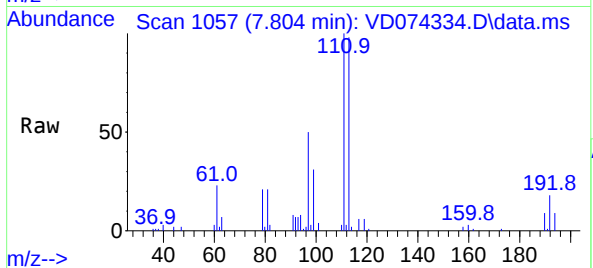




#35  
Dibromofluoromethane  
Concen: 46.462 ug/l  
RT: 7.804 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

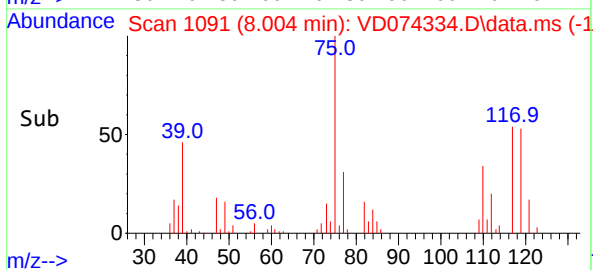
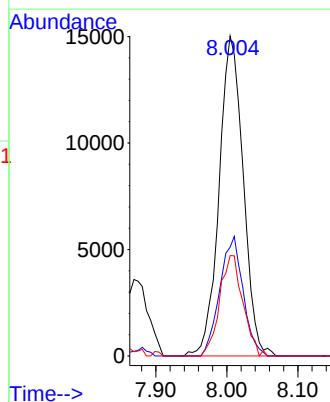
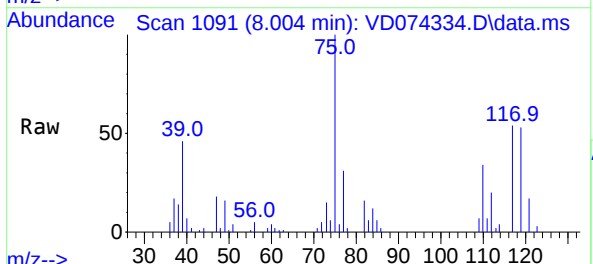
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

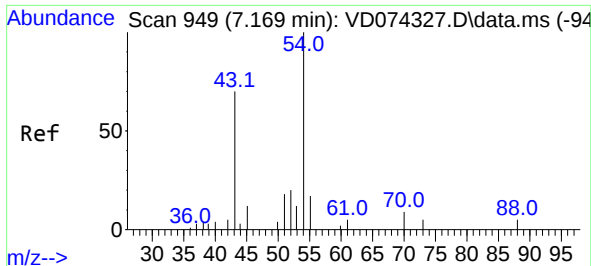
Tgt Ion:113 Resp: 52798  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.0 124.6  
192 18.6 16.2 24.2



#36  
1,1-Dichloropropene  
Concen: 20.409 ug/l  
RT: 8.004 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 75 Resp: 35402  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.5 52.5  
77 30.1 24.8 37.2





#37

Ethyl Acetate

Concen: 19.713 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0916SBSD01

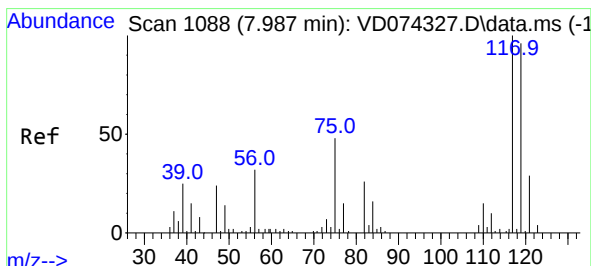
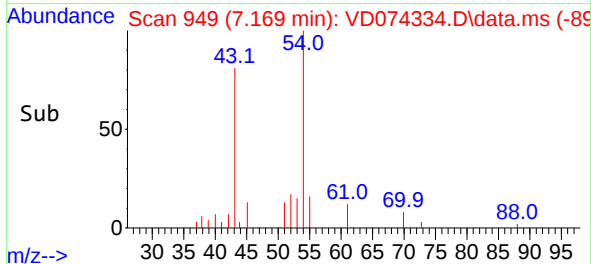
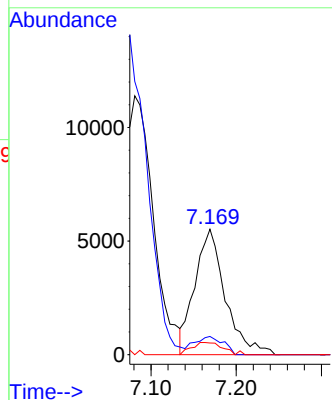
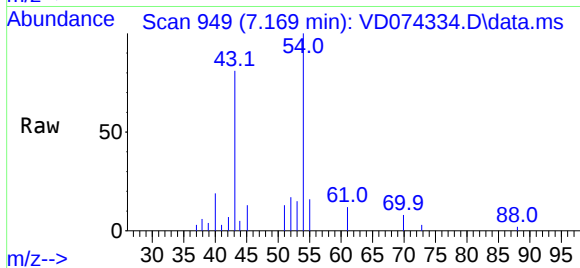
Tgt Ion: 43 Resp: 13699

Ion Ratio Lower Upper

43 100

61 13.6 12.1 18.1

70 10.1 8.5 12.7



#38

Carbon Tetrachloride

Concen: 20.408 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

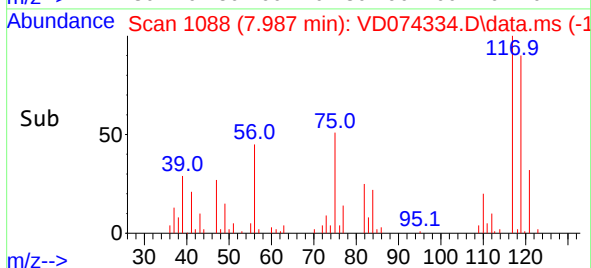
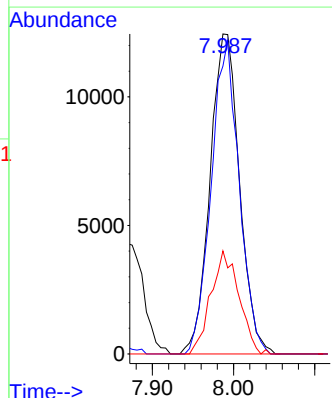
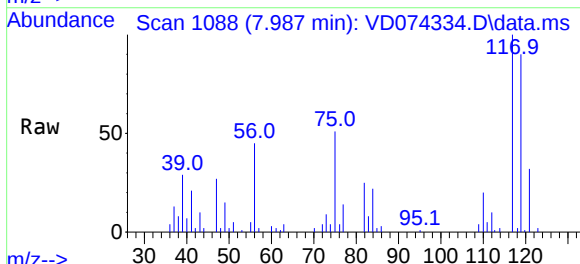
Tgt Ion: 117 Resp: 31372

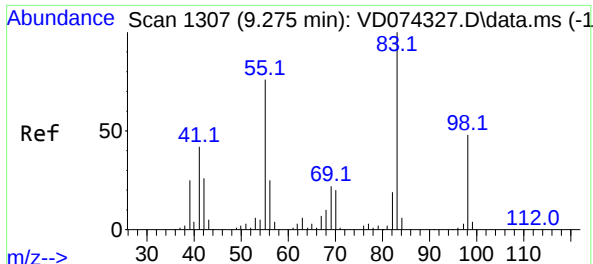
Ion Ratio Lower Upper

117 100

119 89.9 78.8 118.2

121 32.2 23.9 35.9





#39

Methylcyclohexane

Concen: 20.001 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0916SBSD01

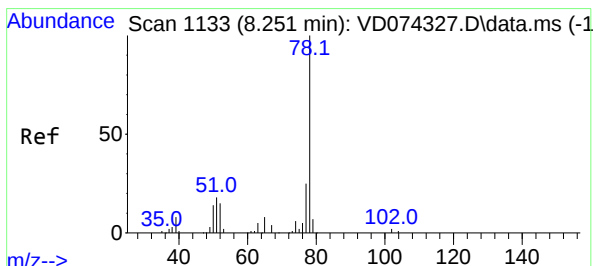
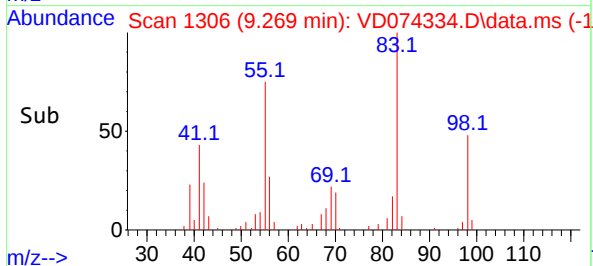
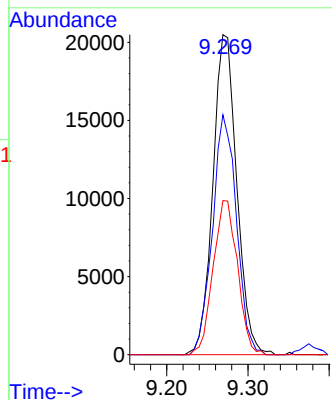
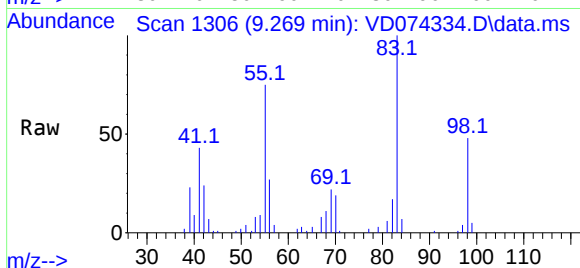
Tgt Ion: 83 Resp: 41966

Ion Ratio Lower Upper

83 100

55 75.0 57.2 85.8

98 48.2 38.3 57.5



#40

Benzene

Concen: 19.974 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.005 min

Lab File: VD074334.D

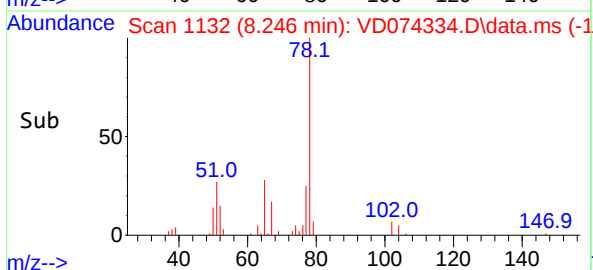
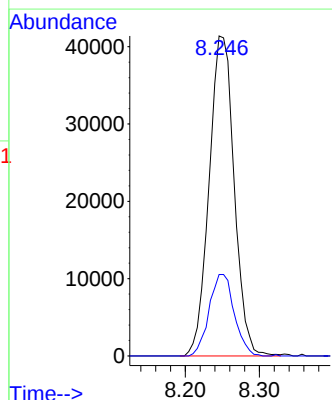
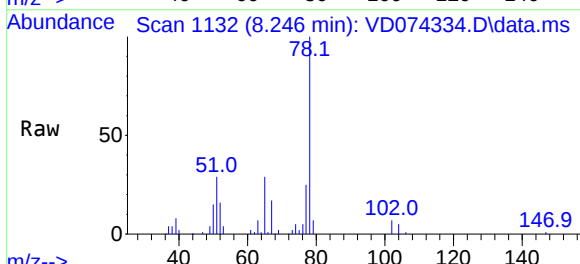
Acq: 16 Sep 2022 17:15

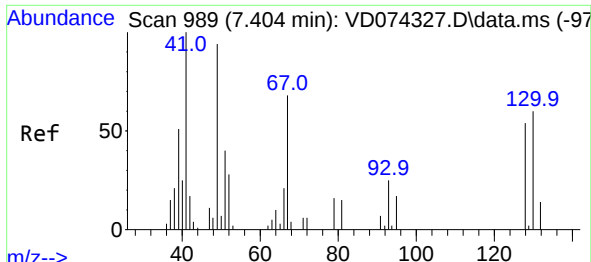
Tgt Ion: 78 Resp: 97148

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.2



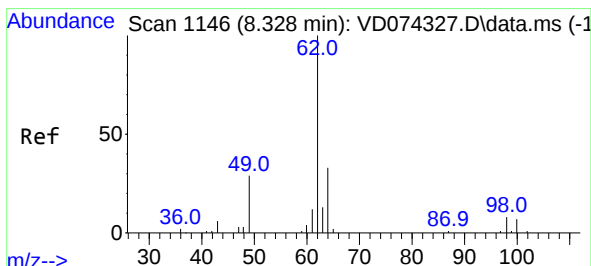
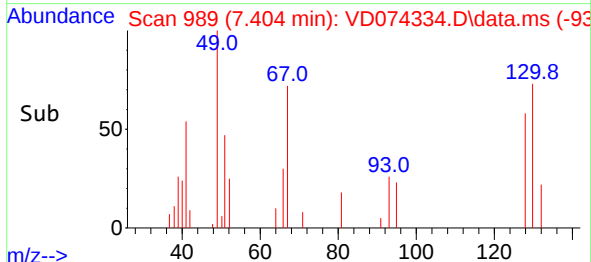
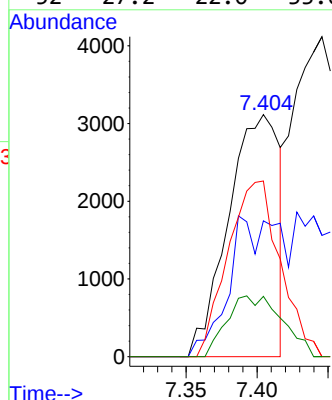
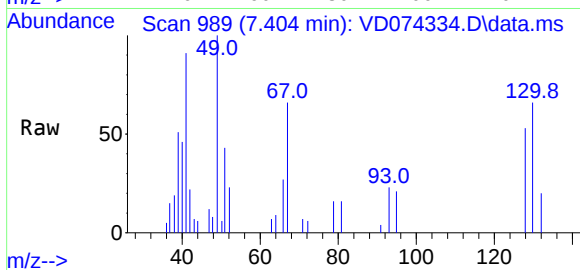


#41  
Methacrylonitrile  
Concen: 20.671 ug/l  
RT: 7.404 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

Tgt Ion: 41 Resp: 7797

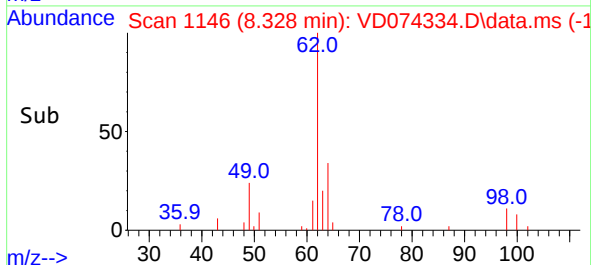
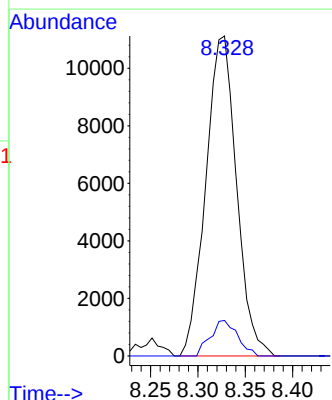
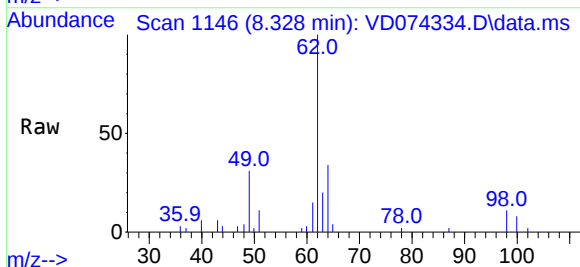
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 32.1  | 39.8  | 59.6# |
| 67  | 74.1  | 56.1  | 84.1  |
| 52  | 27.2  | 22.0  | 33.0  |

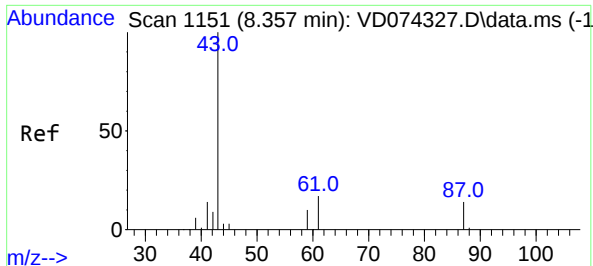


#42  
1,2-Dichloroethane  
Concen: 20.228 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 62 Resp: 25127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 0.0   | 21.4  |





#43

Isopropyl Acetate

Concen: 19.991 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0916SBS01

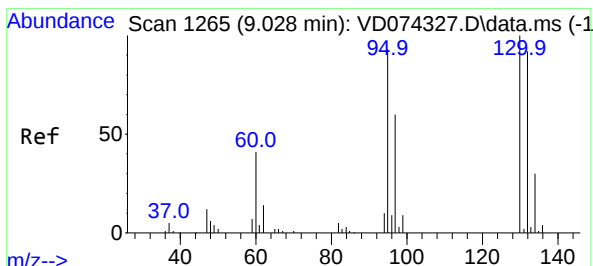
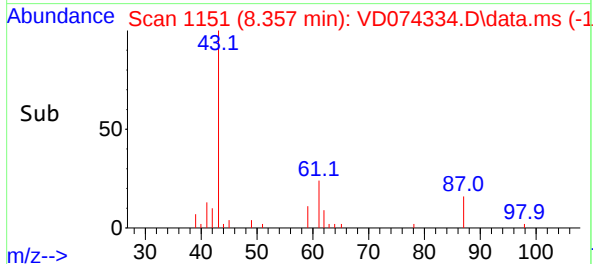
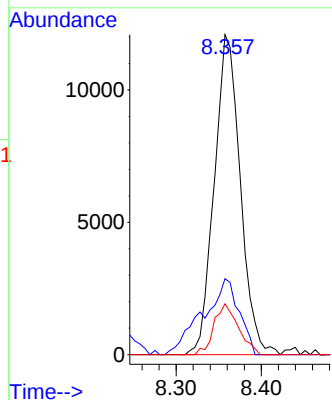
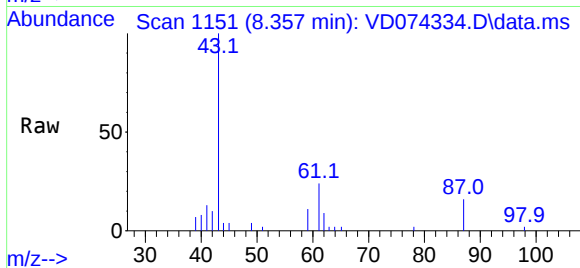
Tgt Ion: 43 Resp: 25631

Ion Ratio Lower Upper

43 100

61 33.0 24.5 36.7

87 14.9 10.8 16.2



#44

Trichloroethene

Concen: 20.268 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074334.D

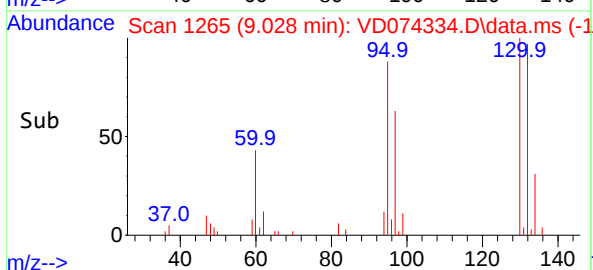
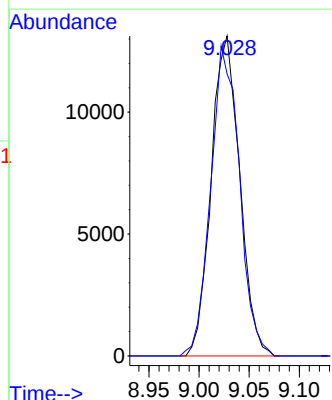
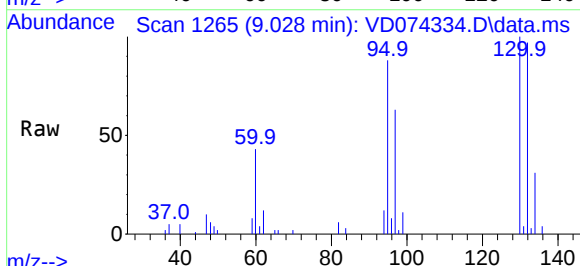
Acq: 16 Sep 2022 17:15

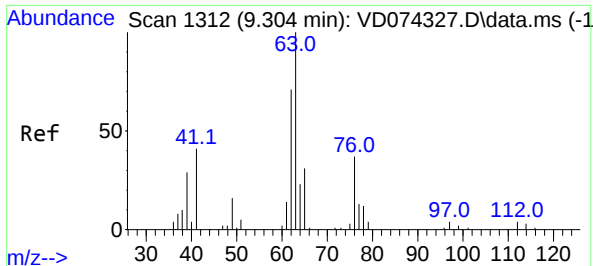
Tgt Ion: 130 Resp: 25918

Ion Ratio Lower Upper

130 100

95 88.2 0.0 202.2

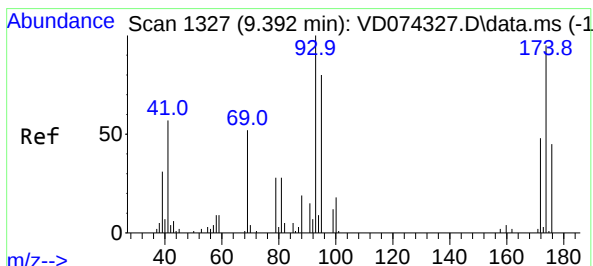
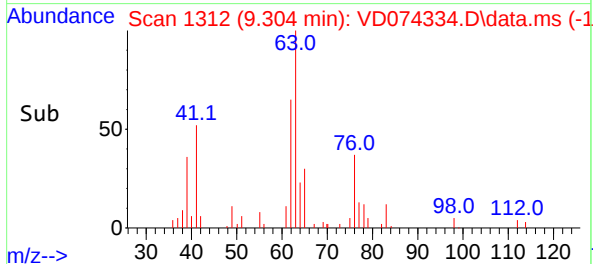
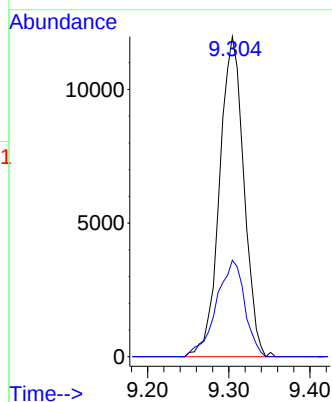
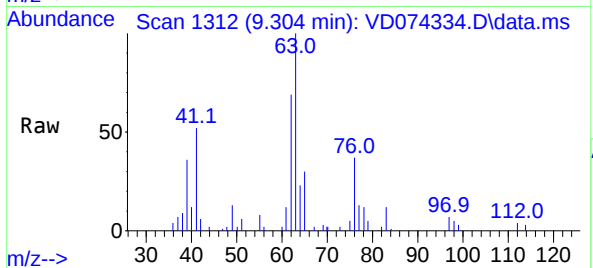




#45  
1,2-Dichloropropane  
Concen: 20.395 ug/l  
RT: 9.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

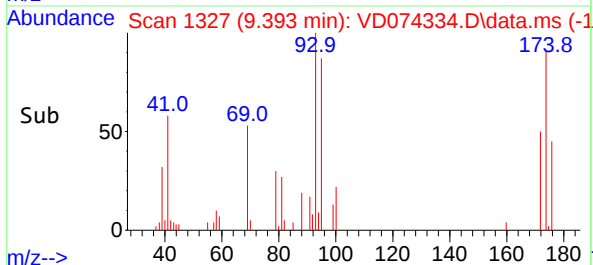
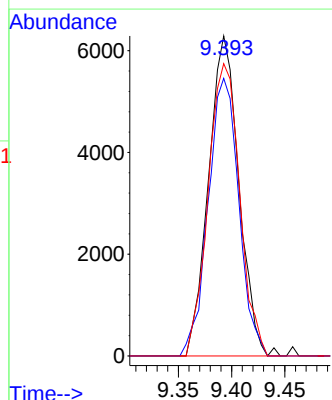
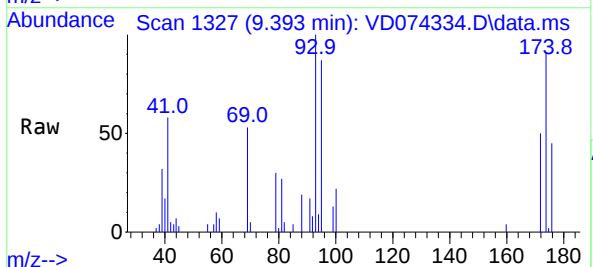
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

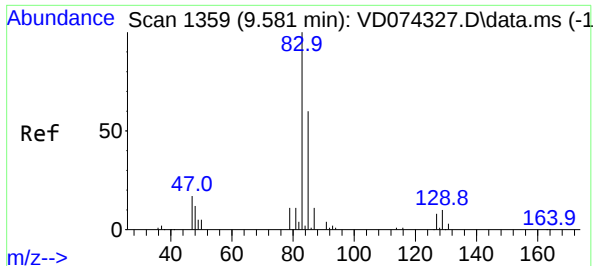
Tgt Ion: 63 Resp: 24948  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.5 36.7



#46  
Dibromomethane  
Concen: 19.770 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 93 Resp: 12439  
Ion Ratio Lower Upper  
93 100  
95 87.9 67.7 101.5  
174 95.1 79.6 119.4

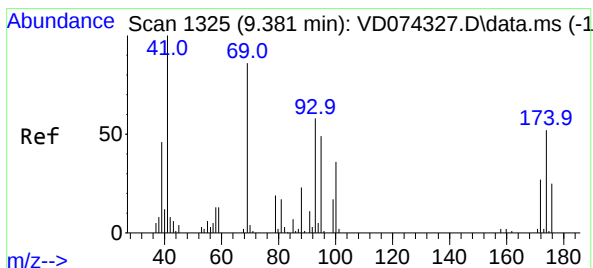
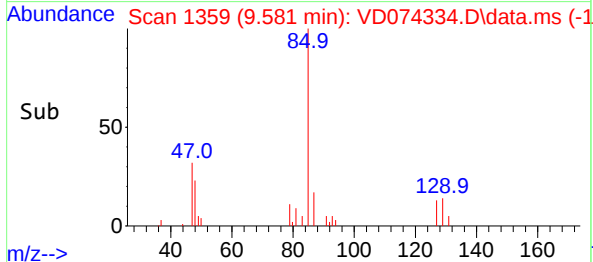
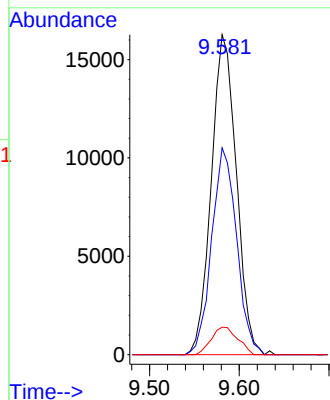
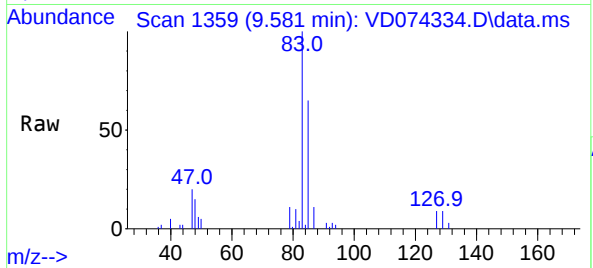




#47  
Bromodichloromethane  
Concen: 20.377 ug/l  
RT: 9.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

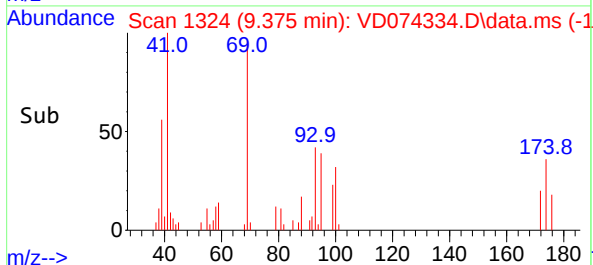
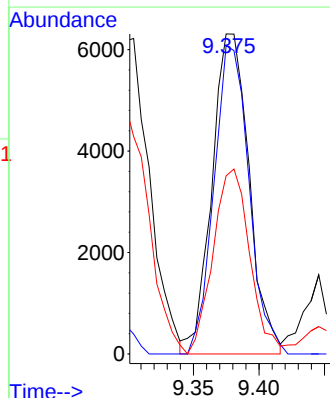
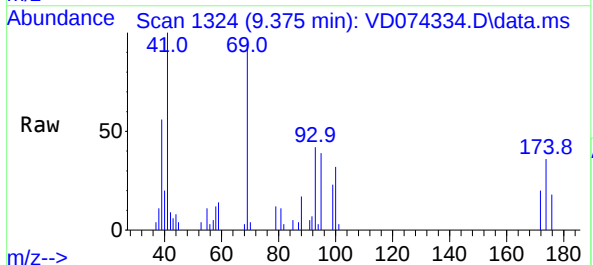
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

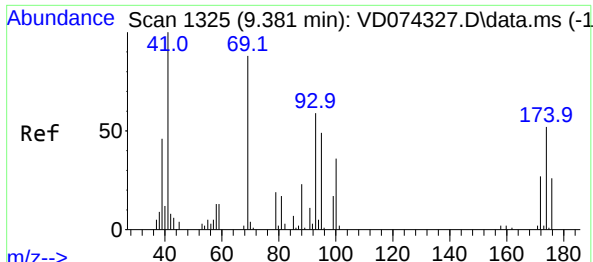
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 31580 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.7  | 53.4  | 80.2  |
| 127      | 8.6   | 6.9   | 10.3  |



#48  
Methyl methacrylate  
Concen: 19.989 ug/l  
RT: 9.375 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 12402 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 91.1  | 72.7  | 109.1 |
| 39       | 57.6  | 41.6  | 62.4  |

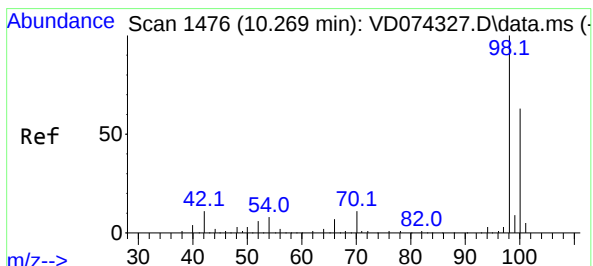
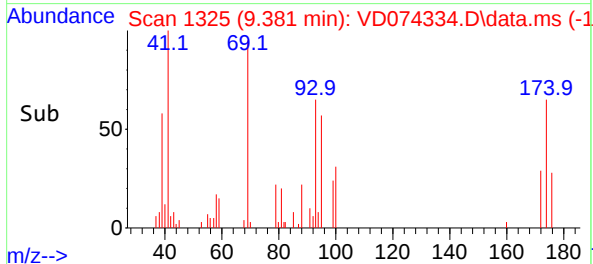
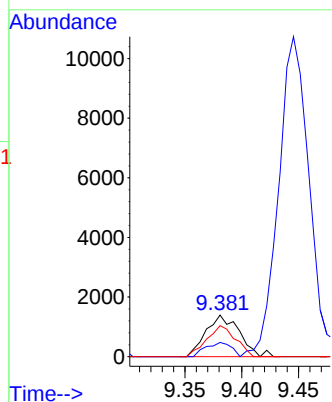
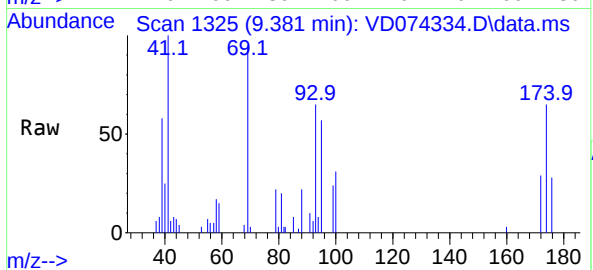




#49  
1,4-Dioxane  
Concen: 415.212 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

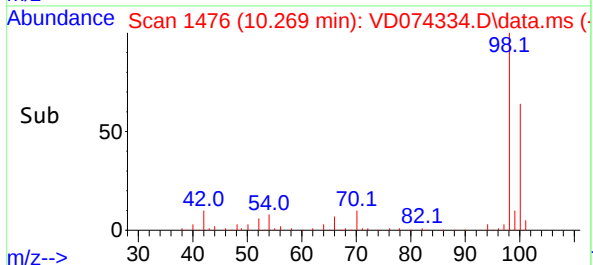
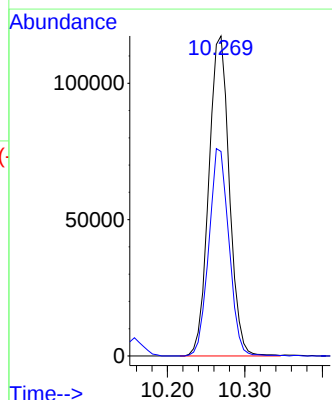
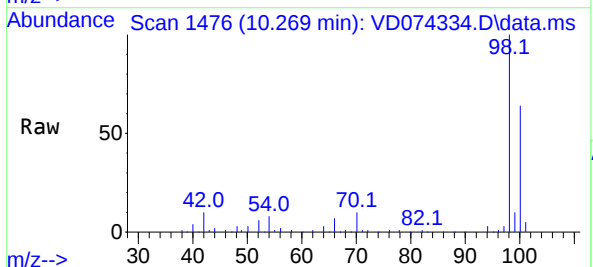
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

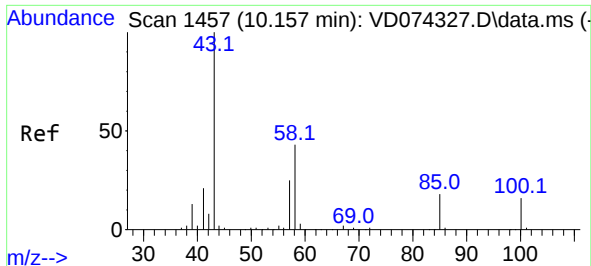
Tgt Ion: 88 Resp: 2859  
Ion Ratio Lower Upper  
88 100  
43 26.0 27.0 40.4#  
58 63.8 54.2 81.2



#50  
Toluene-d8  
Concen: 55.066 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 98 Resp: 215916  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 99.891 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

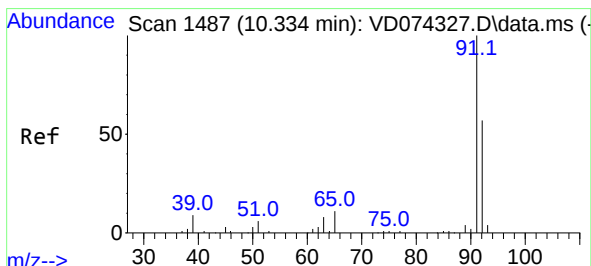
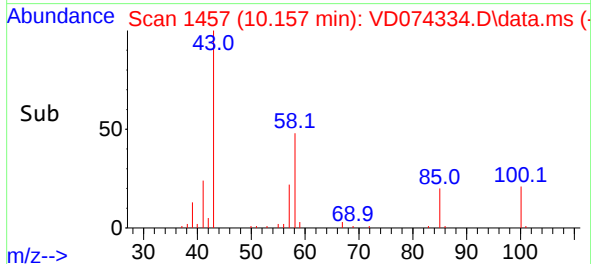
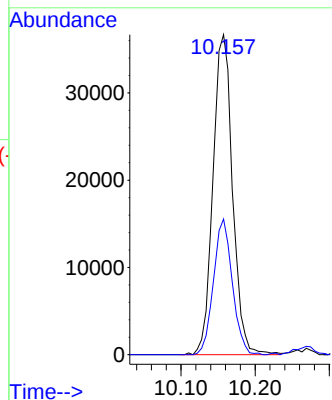
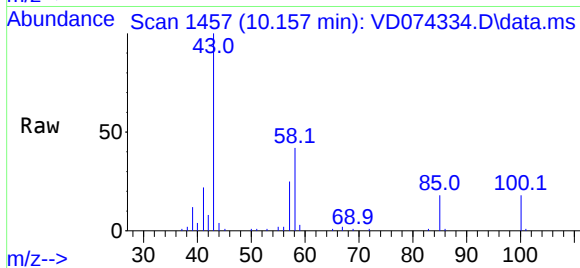
VD0916SBS01

Tgt Ion: 43 Resp: 67288

Ion Ratio Lower Upper

43 100

58 40.7 33.3 49.9



#52

Toluene

Concen: 20.583 ug/l

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD074334.D

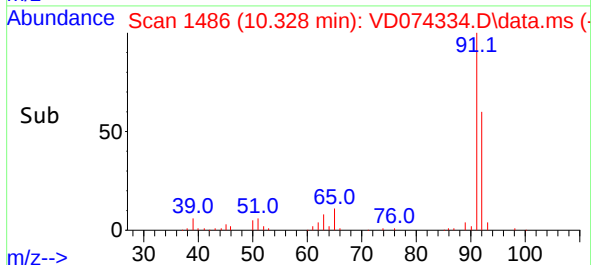
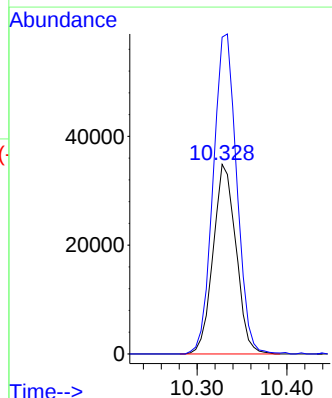
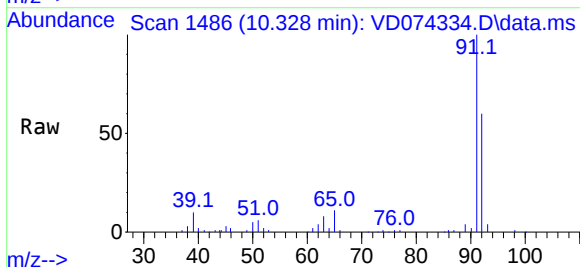
Acq: 16 Sep 2022 17:15

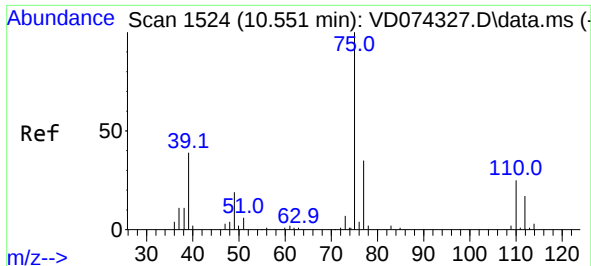
Tgt Ion: 92 Resp: 61664

Ion Ratio Lower Upper

92 100

91 174.1 139.3 208.9

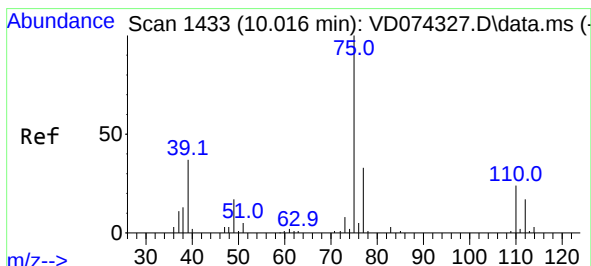
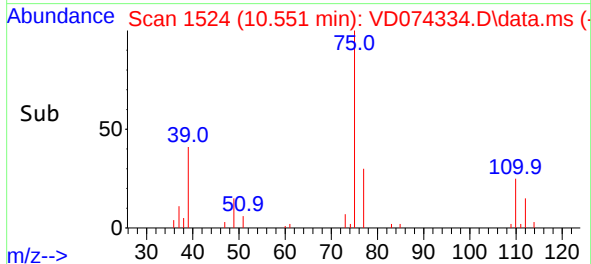
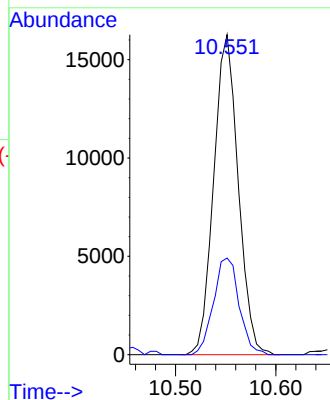
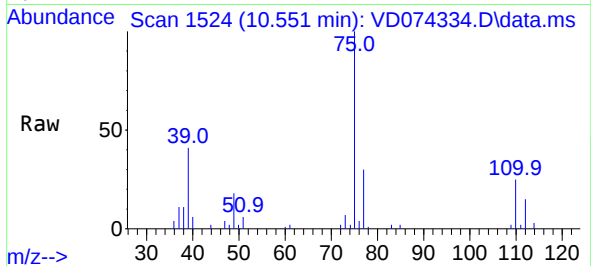




#53  
t-1,3-Dichloropropene  
Concen: 19.958 ug/l  
RT: 10.551 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

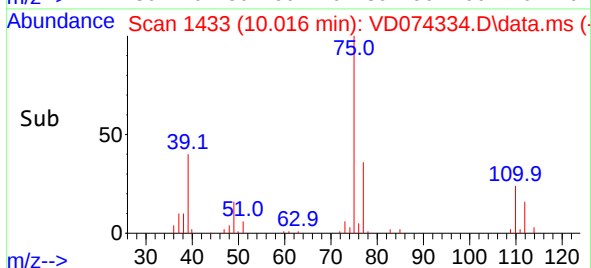
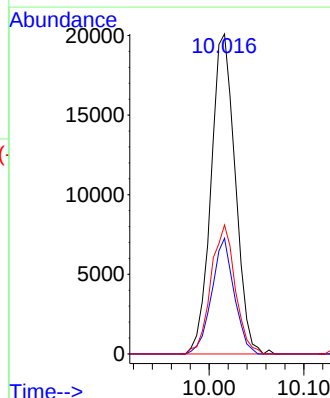
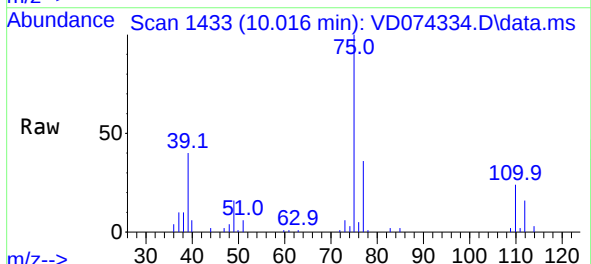
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

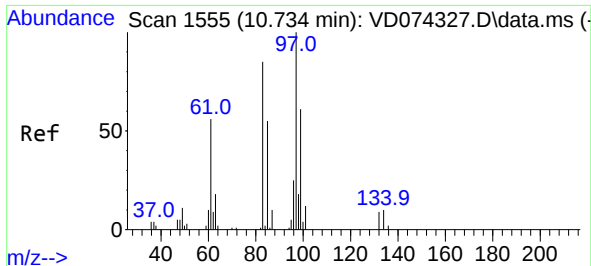
Tgt Ion: 75 Resp: 27595  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 19.945 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 75 Resp: 35678  
Ion Ratio Lower Upper  
75 100  
77 36.2 25.4 38.0  
39 40.3 31.6 47.4

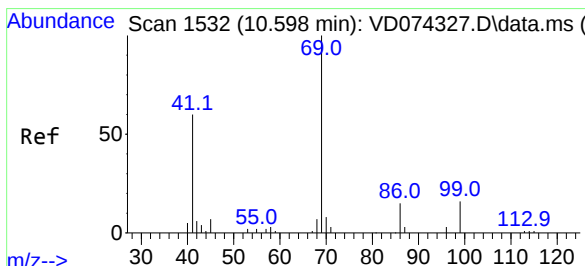
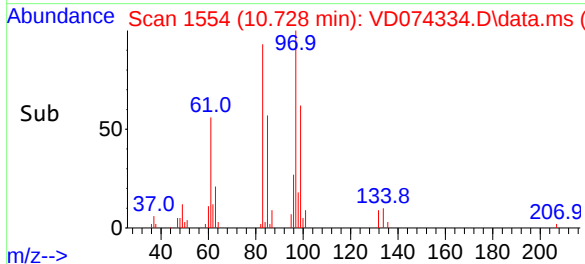
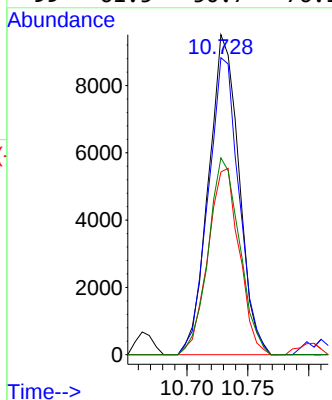
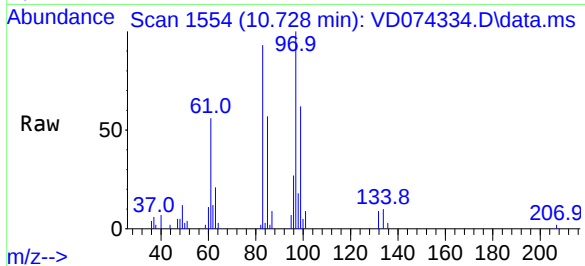




#55  
1,1,2-Trichloroethane  
Concen: 19.943 ug/l  
RT: 10.728 min Scan# 1554  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

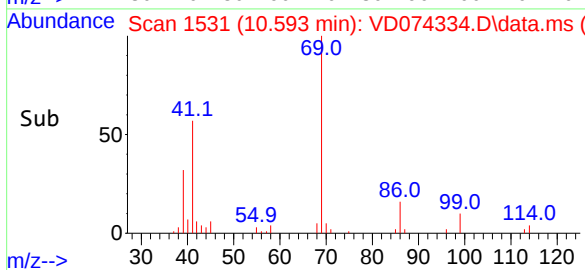
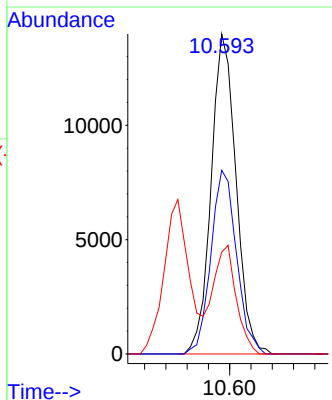
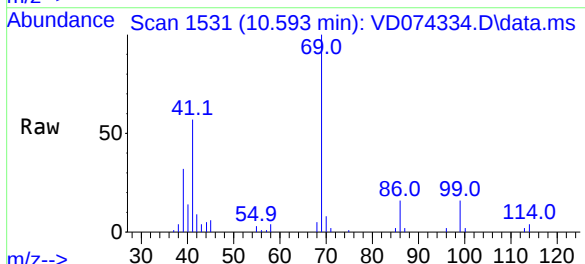
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

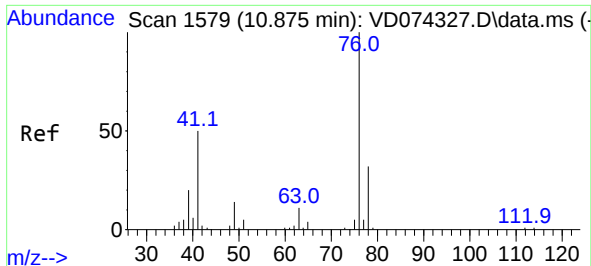
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16529 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.8  | 68.0  | 102.0 |
| 85       | 57.1  | 45.8  | 68.8  |
| 99       | 61.5  | 50.7  | 76.1  |



#56  
Ethyl methacrylate  
Concen: 20.853 ug/l  
RT: 10.593 min Scan# 1531  
Delta R.T. -0.005 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 22640 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.2  | 49.4  | 74.2  |
| 39       | 31.5  | 24.2  | 36.4  |





#57

1,3-Dichloropropane

Concen: 20.357 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074334.D

Acq: 16 Sep 2022 17:15

Instrument :

MSVOA\_D

ClientSampleId :

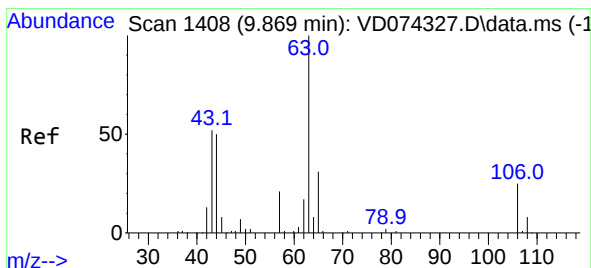
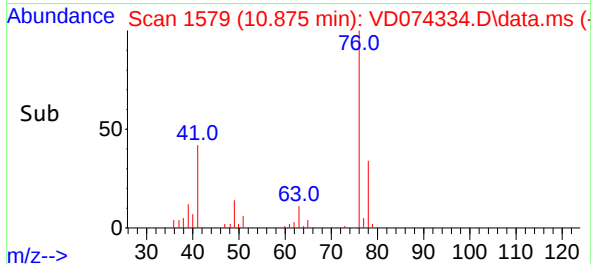
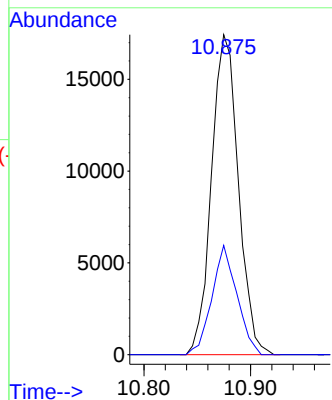
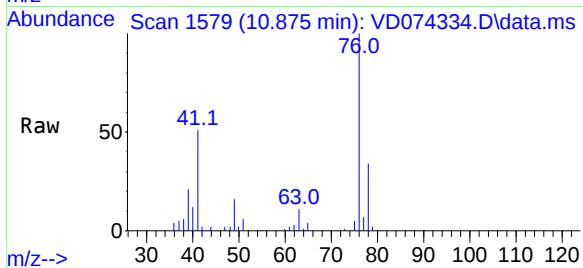
VD0916SBSD01

Tgt Ion: 76 Resp: 30493

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 92.114 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074334.D

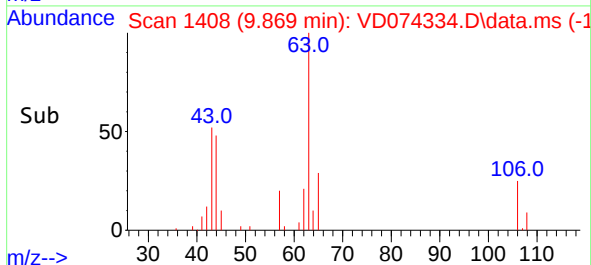
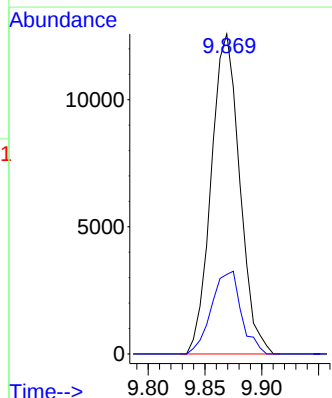
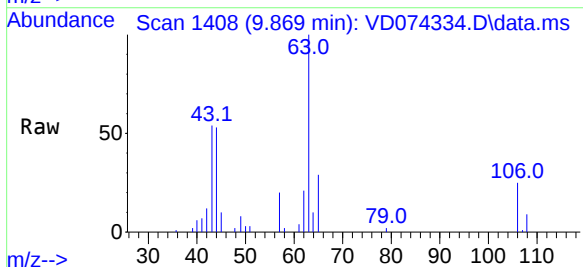
Acq: 16 Sep 2022 17:15

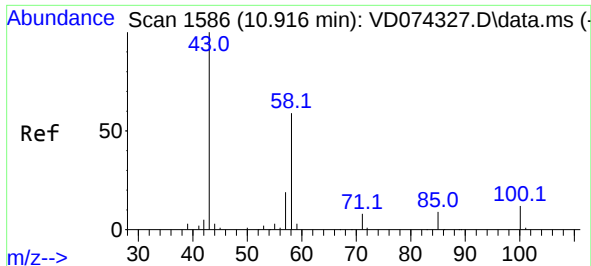
Tgt Ion: 63 Resp: 21959

Ion Ratio Lower Upper

63 100

106 26.9 21.9 32.9

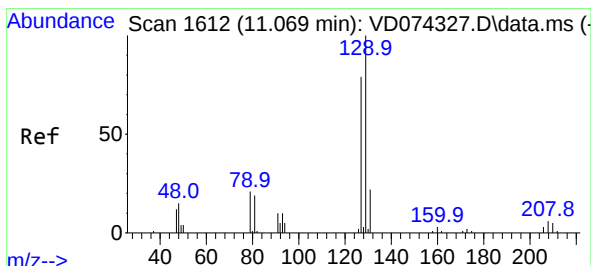
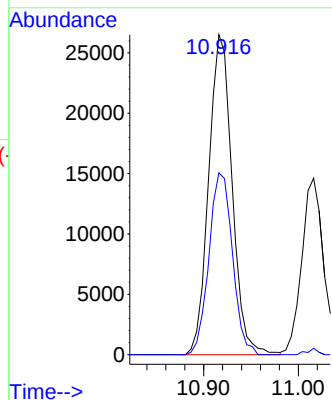
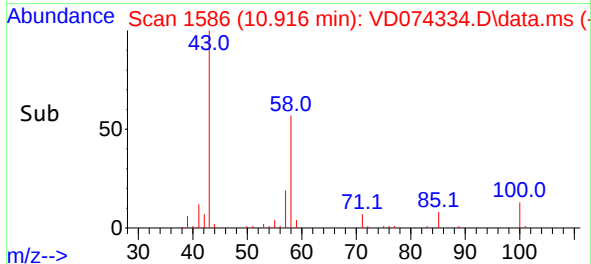
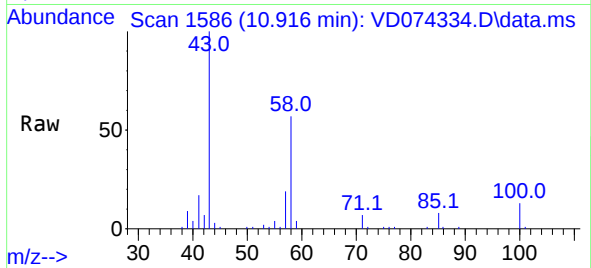




#59  
2-Hexanone  
Concen: 96.833 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

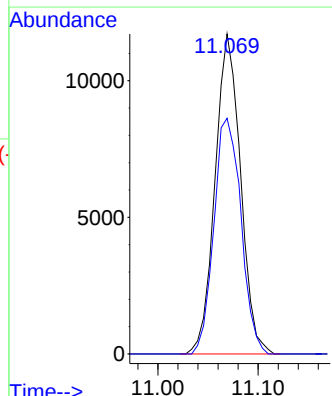
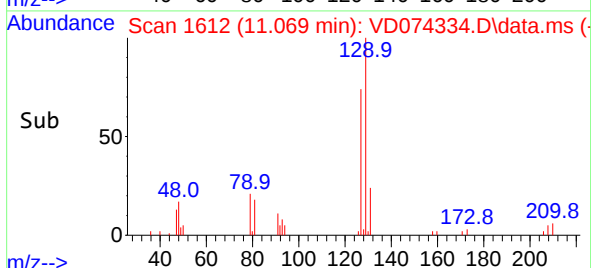
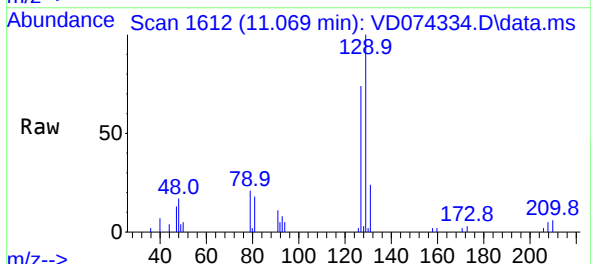
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

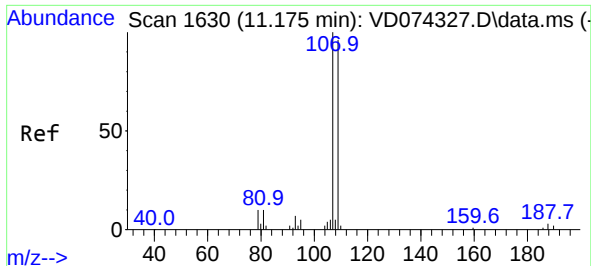
Tgt Ion: 43 Resp: 45625  
Ion Ratio Lower Upper  
43 100  
58 57.1 28.6 85.8



#60  
Dibromochloromethane  
Concen: 20.803 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 129 Resp: 20647  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.0 116.9

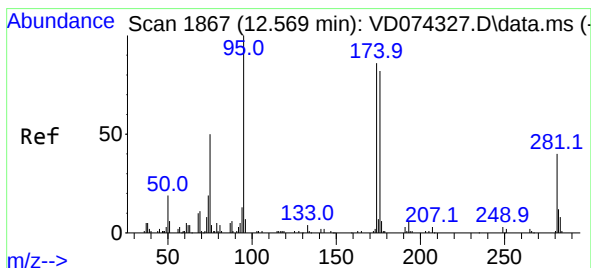
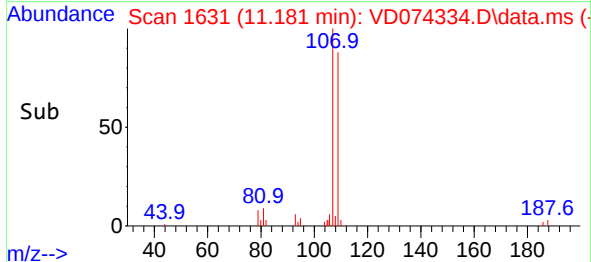
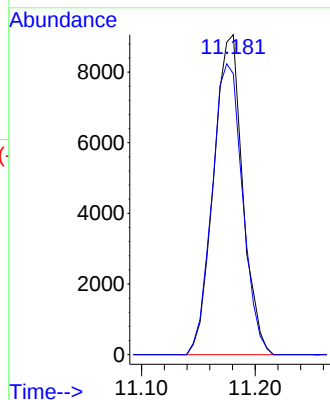
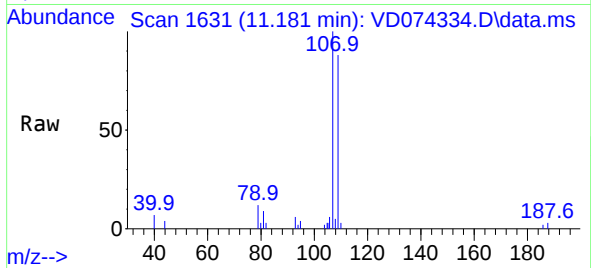




#61  
1,2-Dibromoethane  
Concen: 20.187 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. 0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

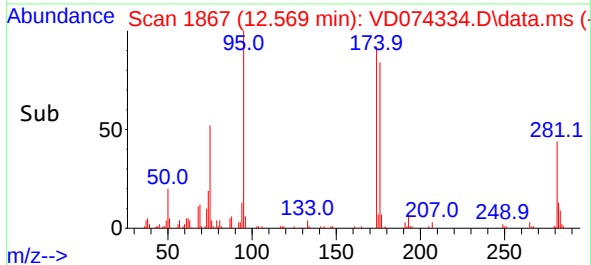
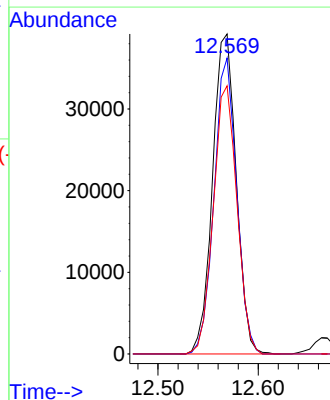
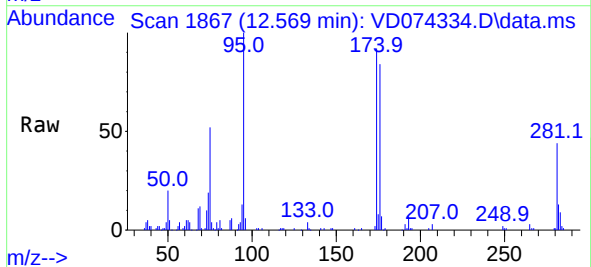
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

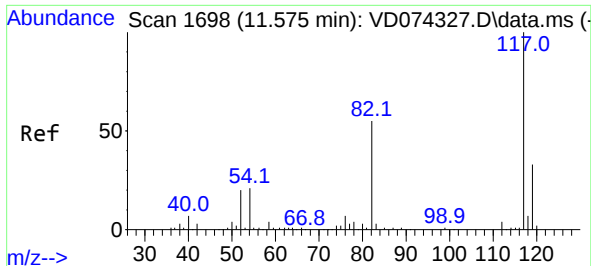
Tgt Ion:107 Resp: 16068  
Ion Ratio Lower Upper  
107 100  
109 95.5 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 48.038 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 95 Resp: 64133  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 179.2  
176 83.8 0.0 171.4

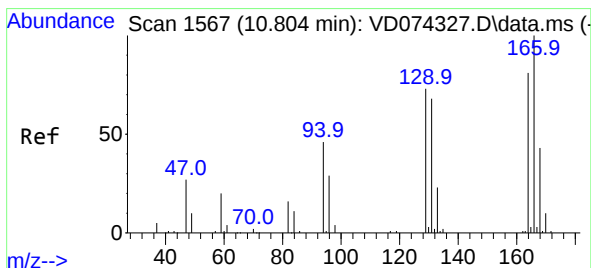
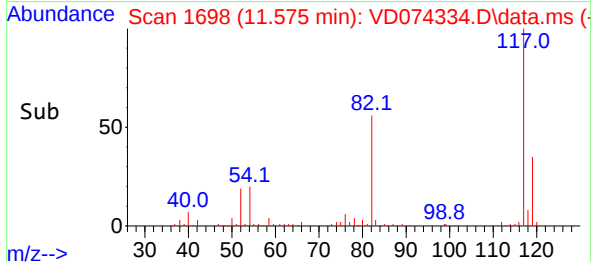
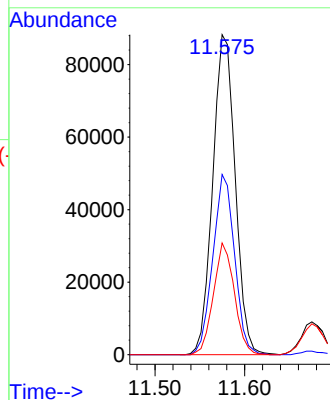
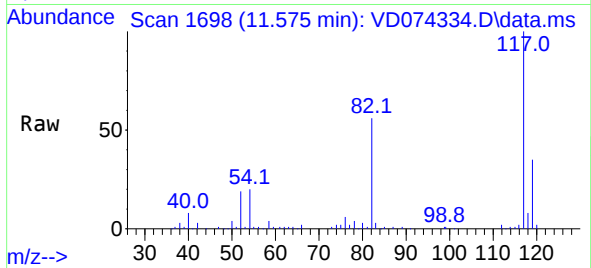




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.575 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

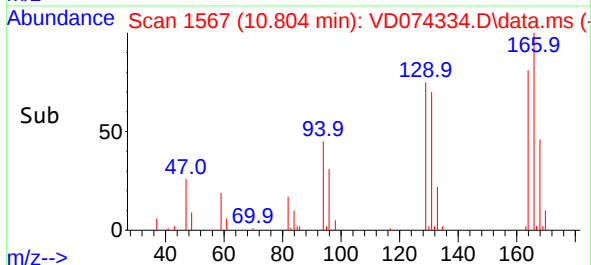
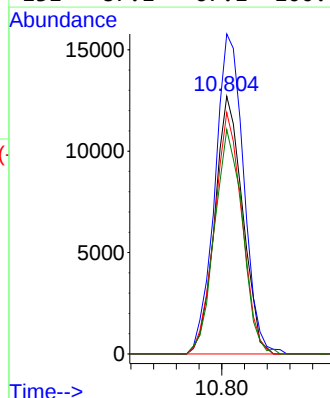
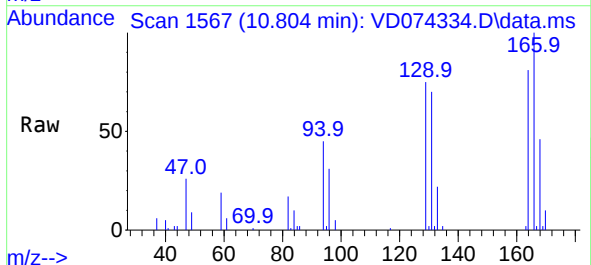
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

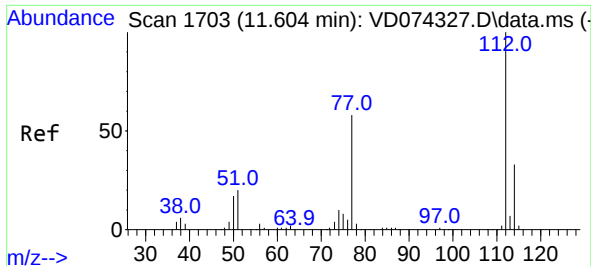
Tgt Ion:117 Resp: 153516  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.2 66.2  
119 34.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.770 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:164 Resp: 21613  
Ion Ratio Lower Upper  
164 100  
166 124.1 93.8 140.8  
129 93.7 68.3 102.5  
131 87.1 67.1 100.7

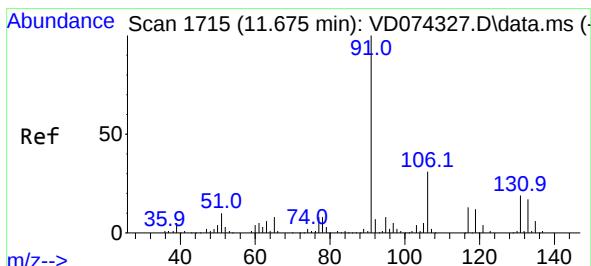
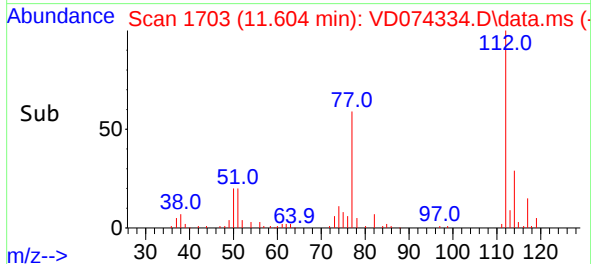
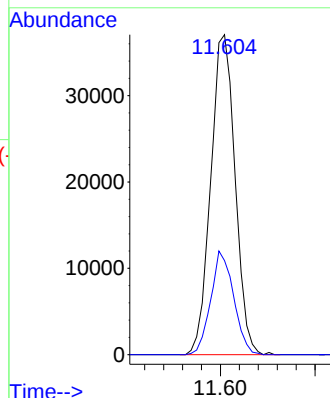
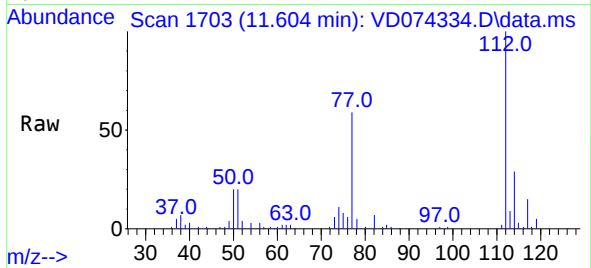




#65  
Chlorobenzene  
Concen: 20.952 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

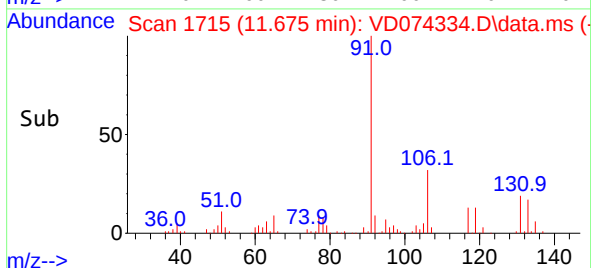
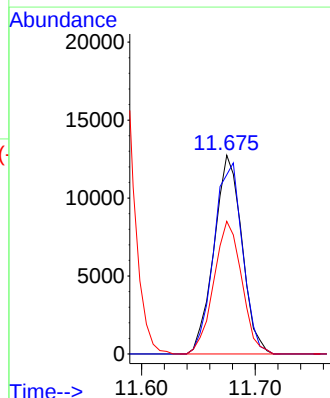
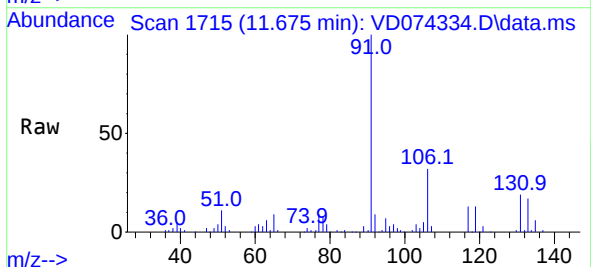
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

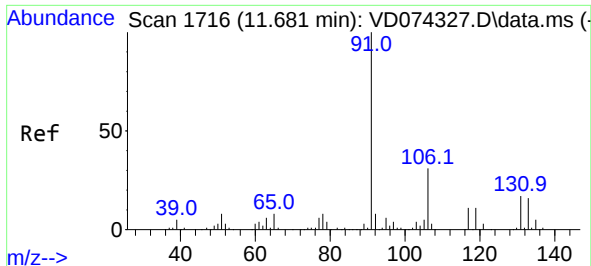
Tgt Ion:112 Resp: 66263  
Ion Ratio Lower Upper  
112 100  
114 29.4 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.080 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:131 Resp: 21808  
Ion Ratio Lower Upper  
131 100  
133 98.4 47.8 143.4  
119 66.8 33.1 99.5

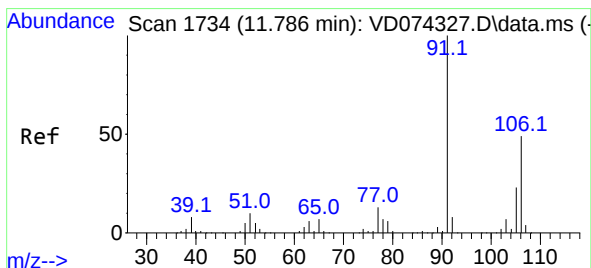
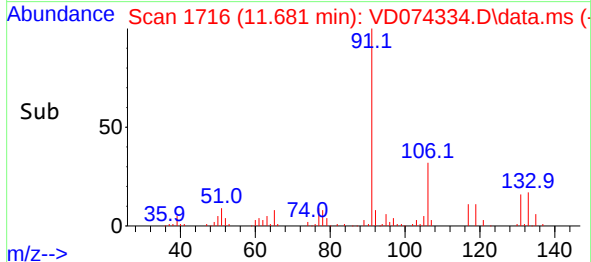
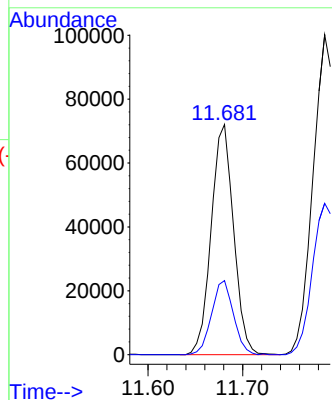
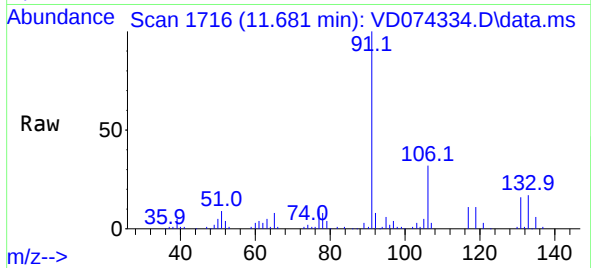




#67  
Ethyl Benzene  
Concen: 20.436 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

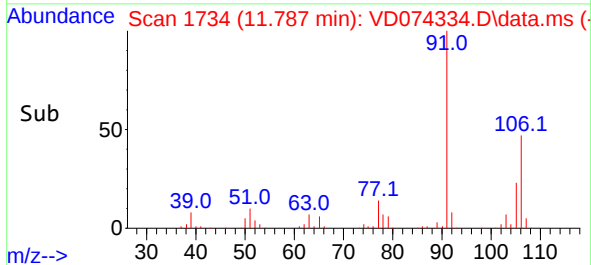
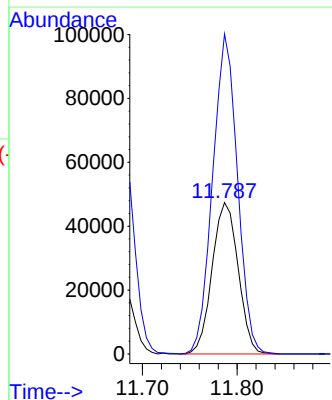
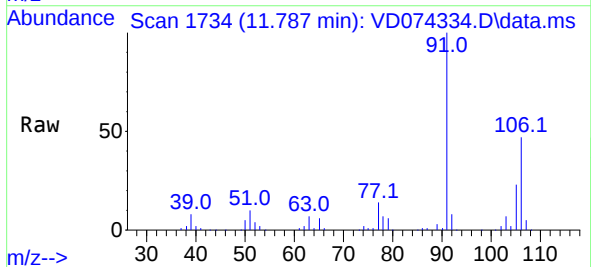
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

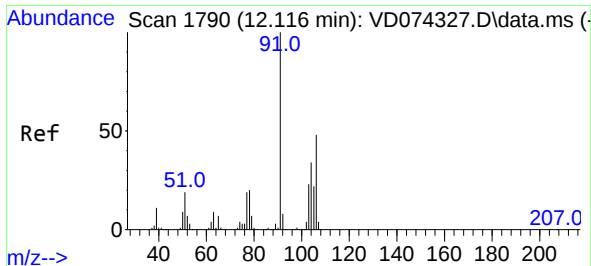
Tgt Ion: 91 Resp: 118571  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.8 37.2



#68  
m/p-Xylenes  
Concen: 40.660 ug/l  
RT: 11.787 min Scan# 1734  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:106 Resp: 90368  
Ion Ratio Lower Upper  
106 100  
91 201.5 158.6 237.8

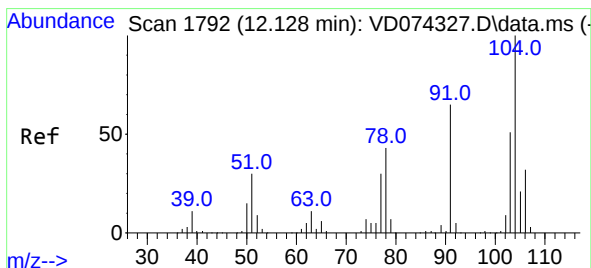
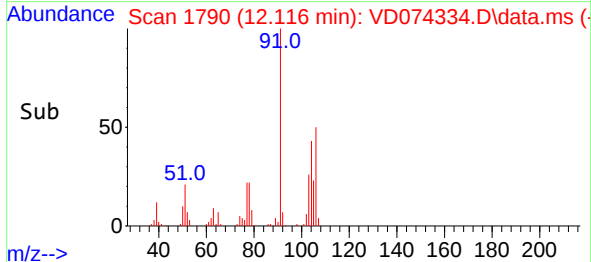
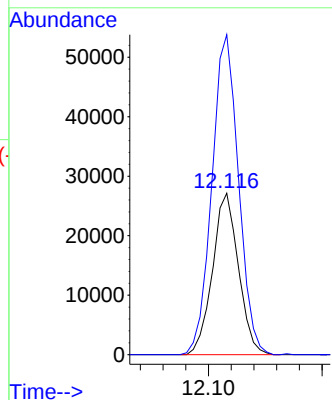
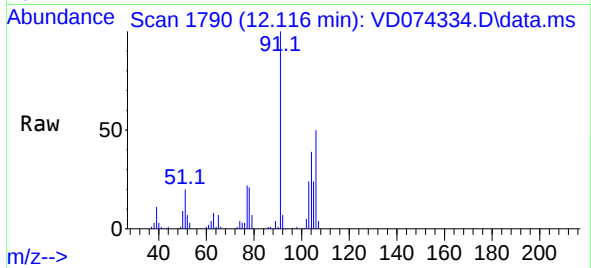




#69  
o-Xylene  
Concen: 21.147 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

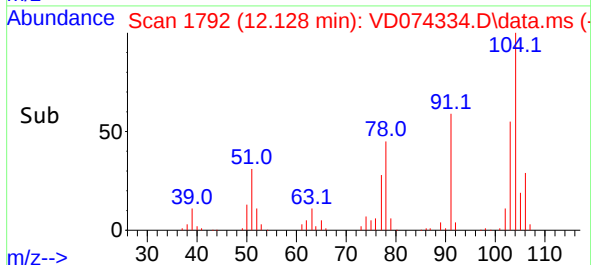
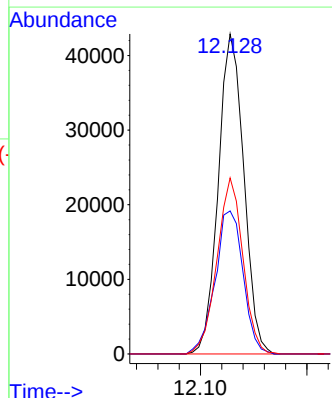
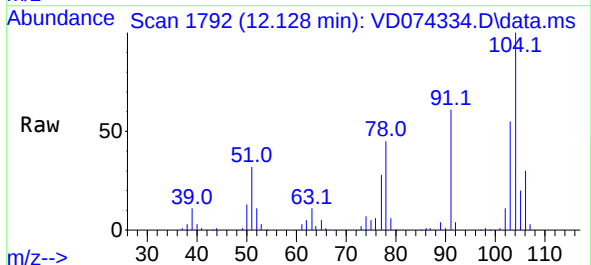
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

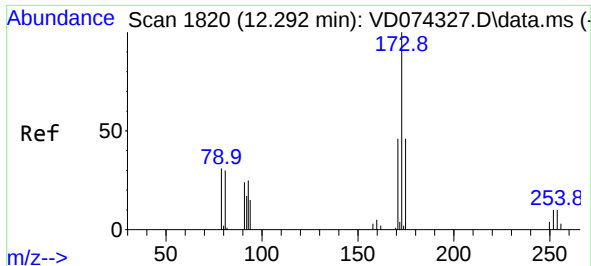
Tgt Ion:106 Resp: 42952  
Ion Ratio Lower Upper  
106 100  
91 203.7 104.0 312.0



#70  
Styrene  
Concen: 20.601 ug/l  
RT: 12.128 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:104 Resp: 71264  
Ion Ratio Lower Upper  
104 100  
78 49.0 38.4 57.6  
103 55.9 44.1 66.1

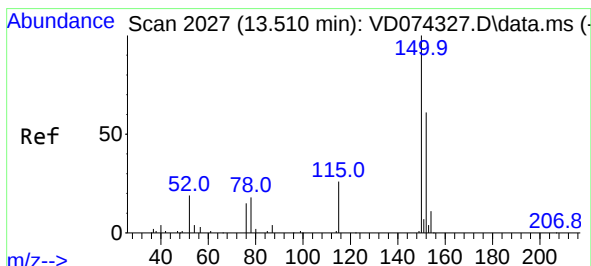
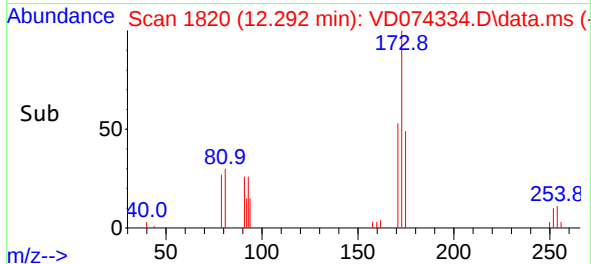
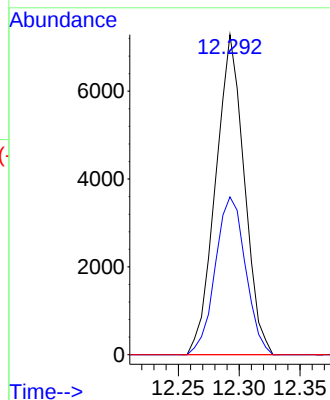
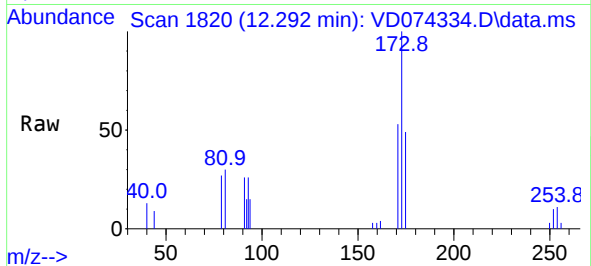




#71  
Bromoform  
Concen: 20.460 ug/l  
RT: 12.292 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

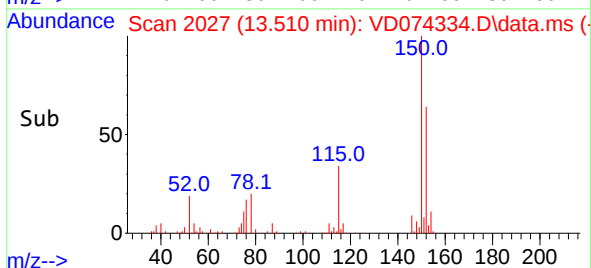
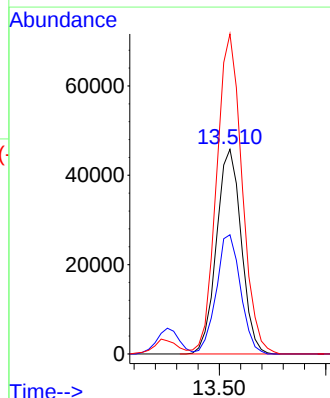
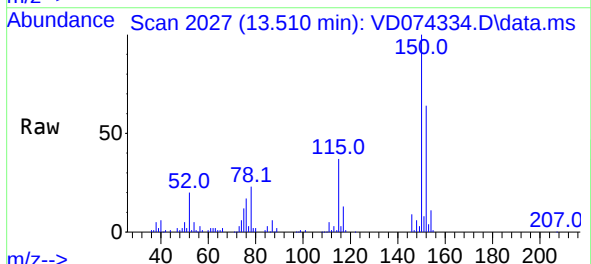
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

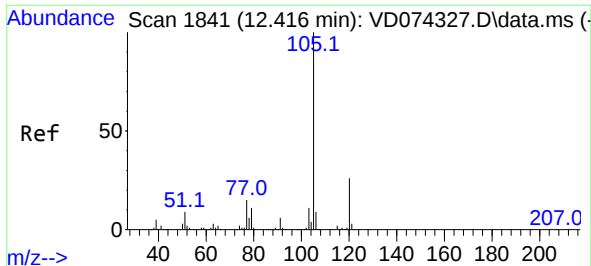
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 11924 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 52.1  | 24.2  | 72.6  |
| 254       | 0.0   | 0.0   | 0.0   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.510 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 73957 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 57.3  | 28.4  | 85.2  |
| 150       | 161.0 | 0.0   | 351.0 |

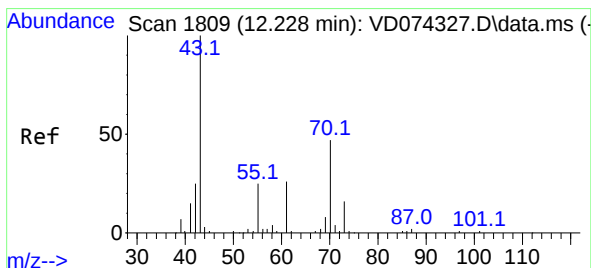
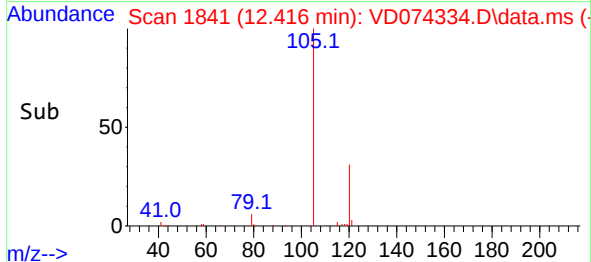
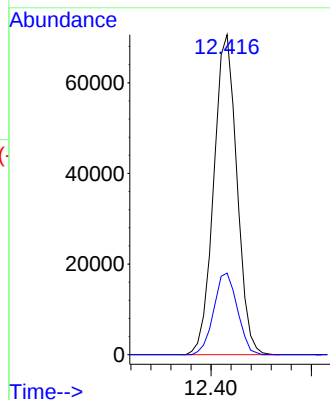
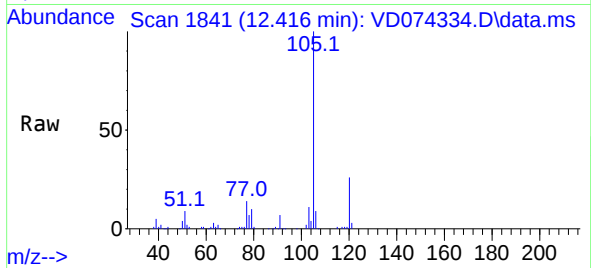




#73  
Isopropylbenzene  
Concen: 19.888 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

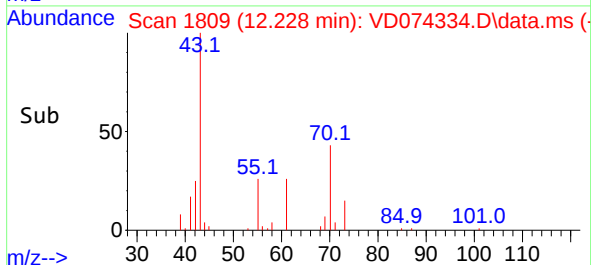
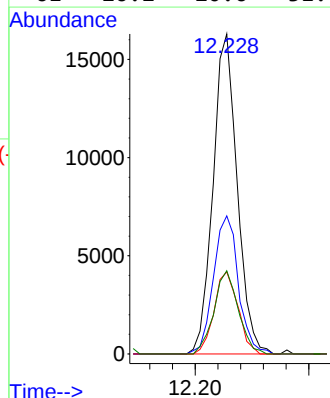
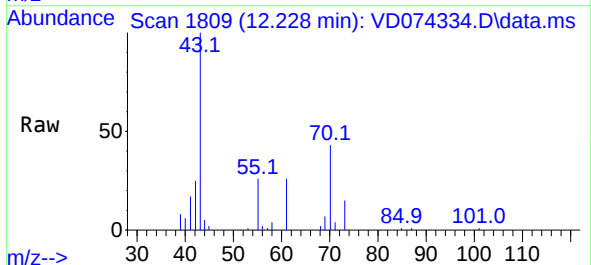
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

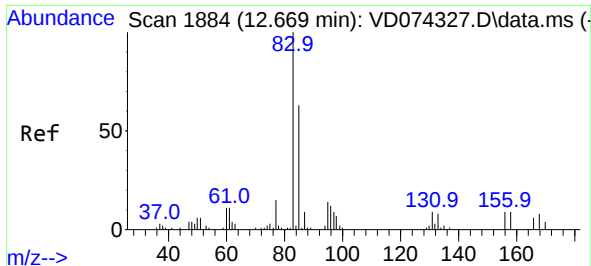
Tgt Ion:105 Resp: 113126  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.6



#74  
N-ethyl acetate  
Concen: 19.138 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 43 Resp: 24058  
Ion Ratio Lower Upper  
43 100  
70 44.6 34.6 51.8  
55 25.3 18.2 27.2  
61 26.2 20.6 31.0

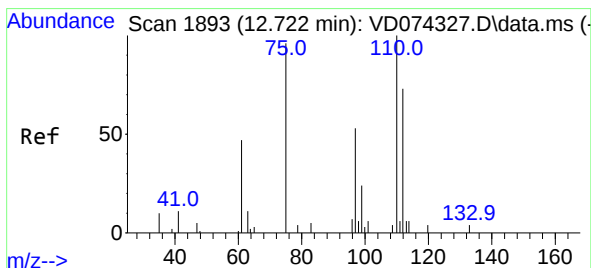
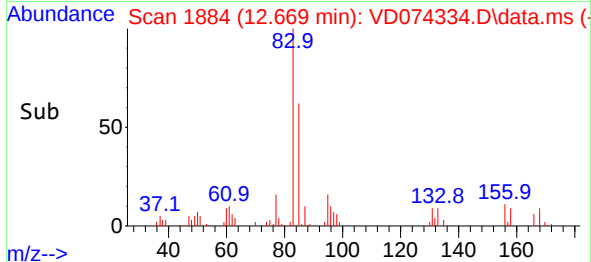
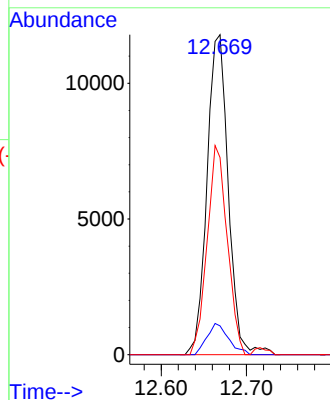
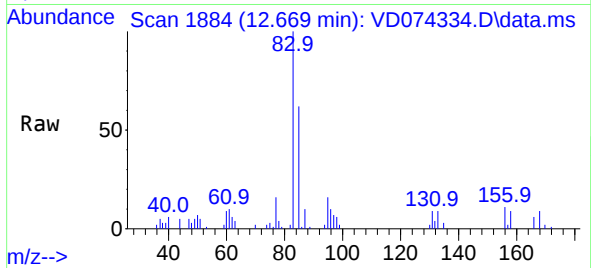




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.707 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

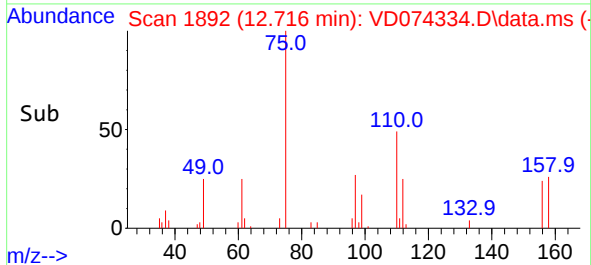
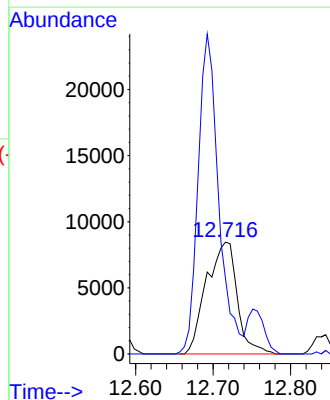
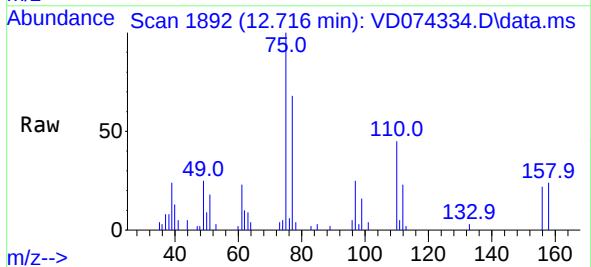
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

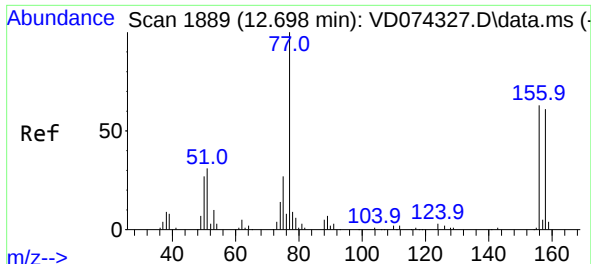
Tgt Ion: 83 Resp: 20465  
Ion Ratio Lower Upper  
83 100  
131 9.9 4.9 14.7  
85 61.8 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 34.096 ug/l  
RT: 12.716 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 75 Resp: 23331  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

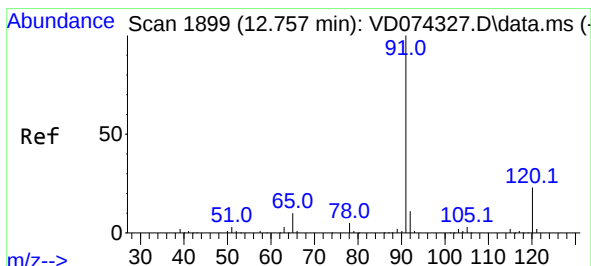
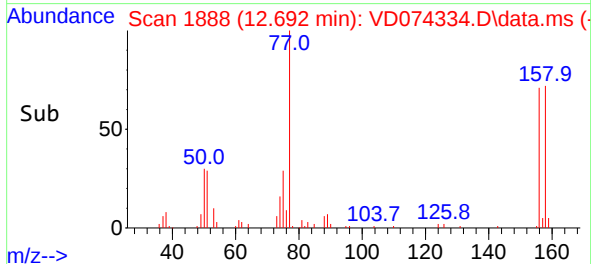
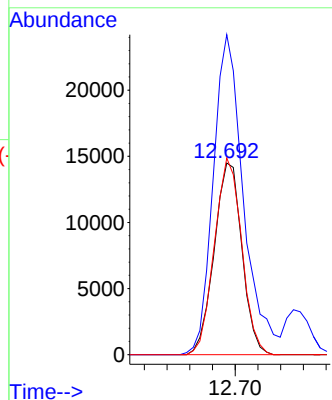
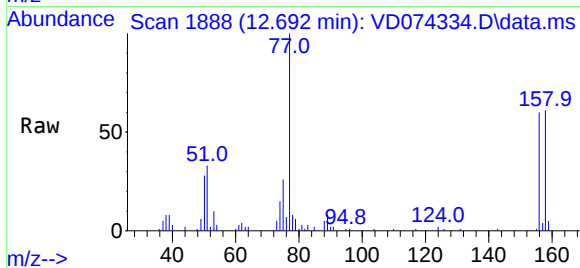




#77  
Bromobenzene  
Concen: 19.809 ug/l  
RT: 12.692 min Scan# 1888  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

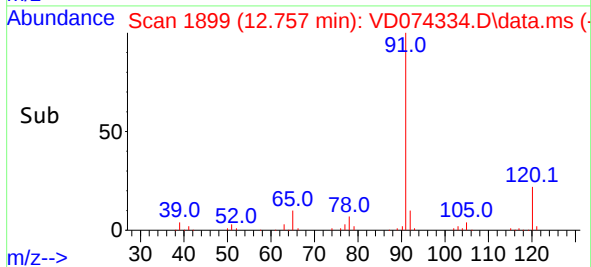
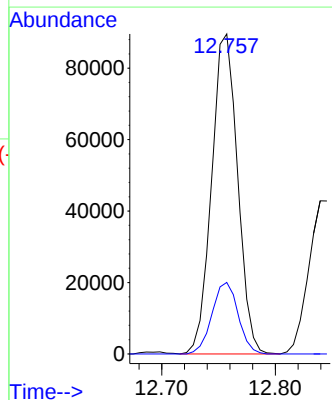
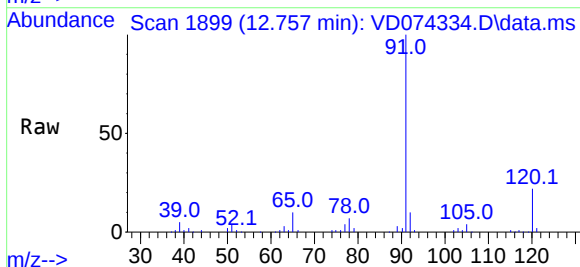
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

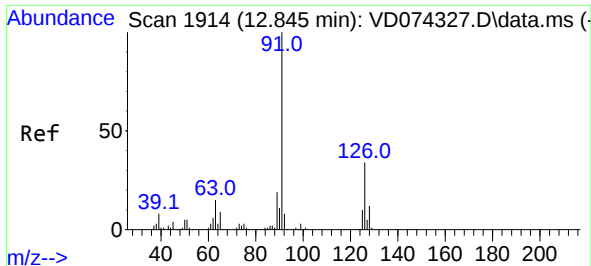
Tgt Ion:156 Resp: 24622  
Ion Ratio Lower Upper  
156 100  
77 181.8 91.1 273.3  
158 100.9 49.4 148.2



#78  
n-propylbenzene  
Concen: 20.197 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 91 Resp: 142510  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.6 34.7

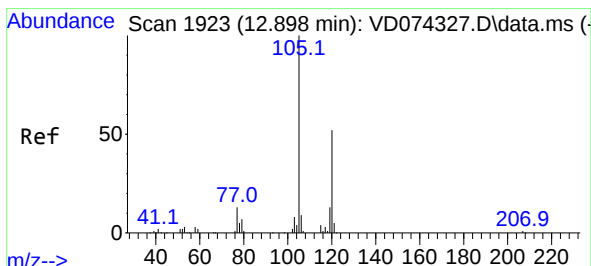
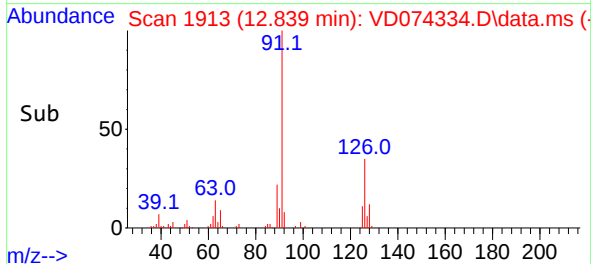
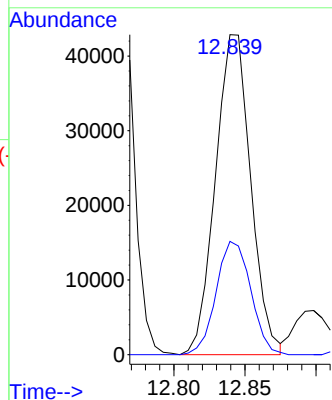
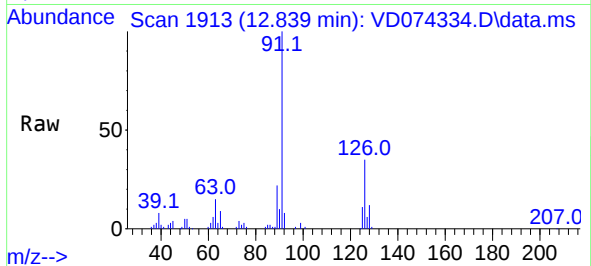




#79  
2-Chlorotoluene  
Concen: 19.937 ug/l  
RT: 12.839 min Scan# 1913  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

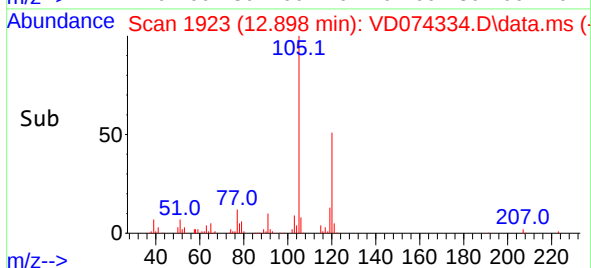
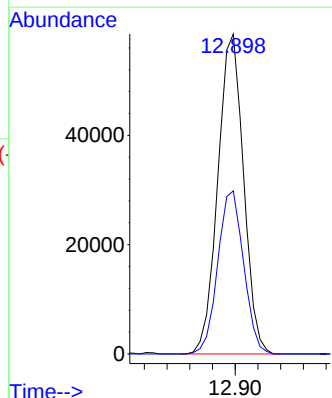
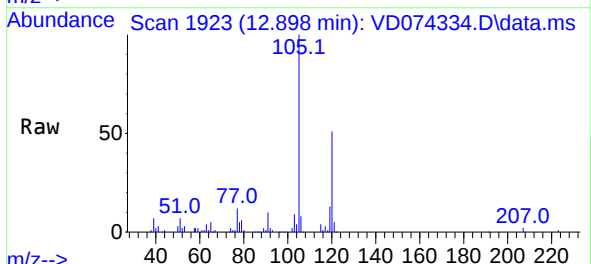
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

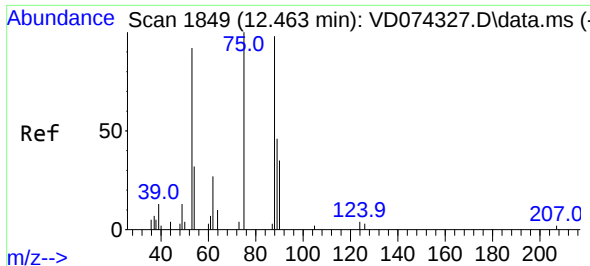
Tgt Ion: 91 Resp: 74187  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.778 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 105 Resp: 91990  
Ion Ratio Lower Upper  
105 100  
120 51.3 24.6 74.0

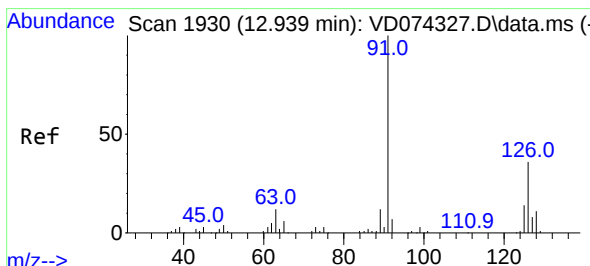
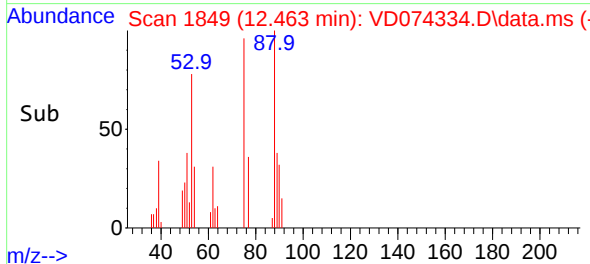
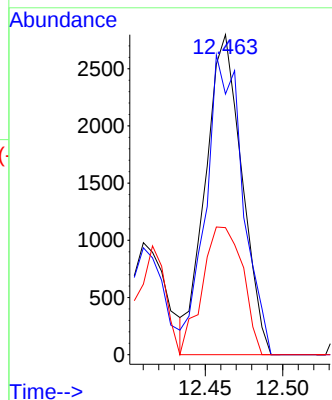
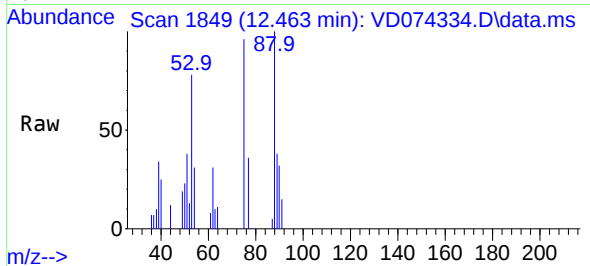




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.757 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

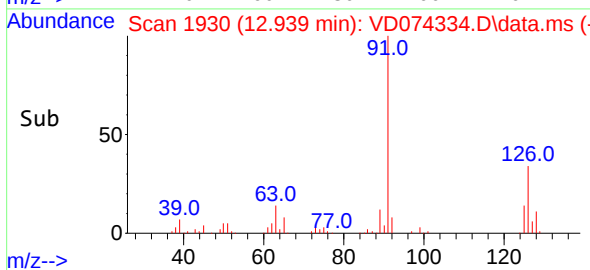
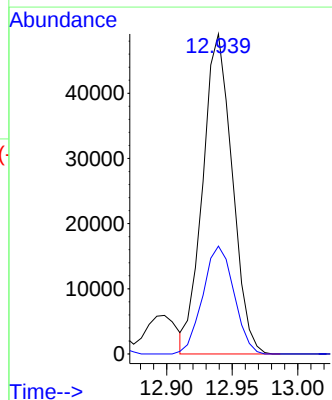
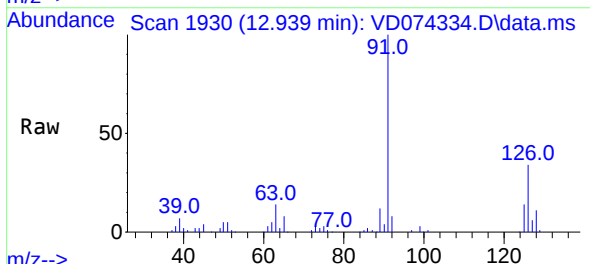
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

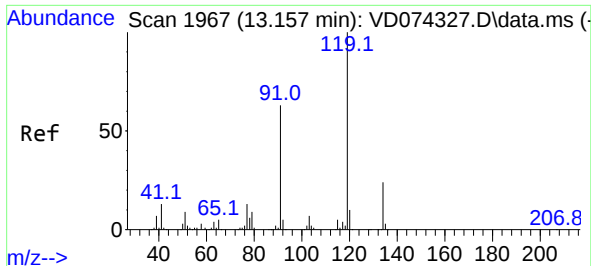
Tgt Ion: 75 Resp: 4575  
Ion Ratio Lower Upper  
75 100  
53 94.6 0.0 0.0#  
89 44.1 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 19.945 ug/l  
RT: 12.939 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 91 Resp: 76965  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.2 51.6

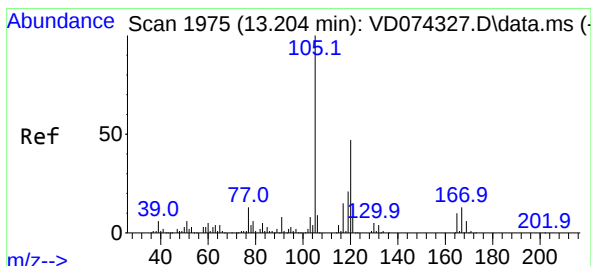
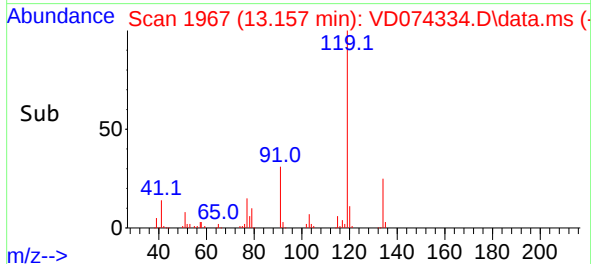
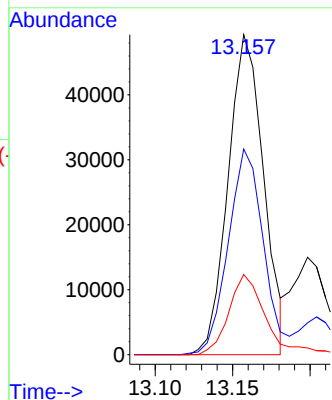
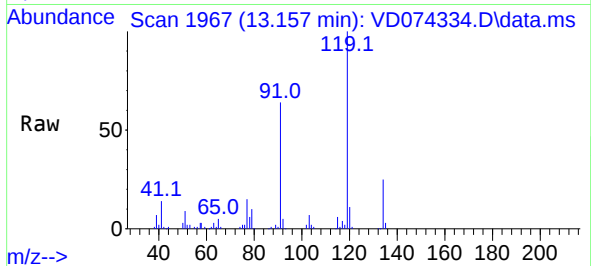




#83  
tert-Butylbenzene  
Concen: 19.029 ug/l  
RT: 13.157 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

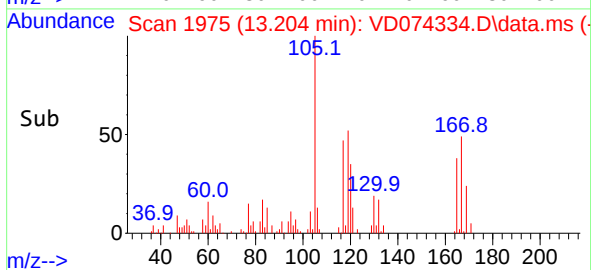
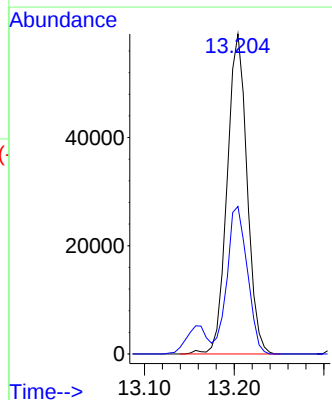
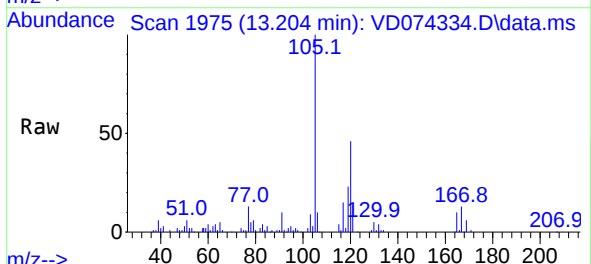
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

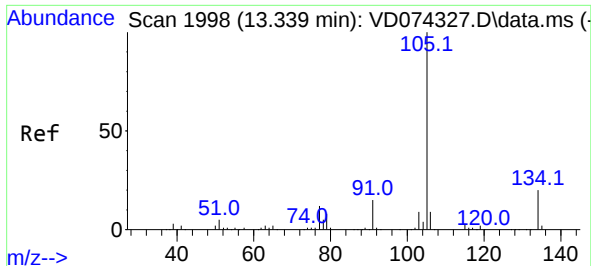
Tgt Ion:119 Resp: 78486  
Ion Ratio Lower Upper  
119 100  
91 63.9 31.3 93.9  
134 25.9 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 19.906 ug/l  
RT: 13.204 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:105 Resp: 91089  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.1 69.3

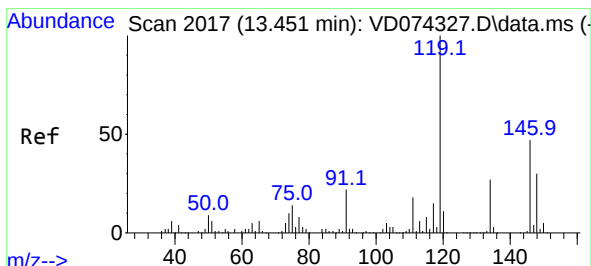
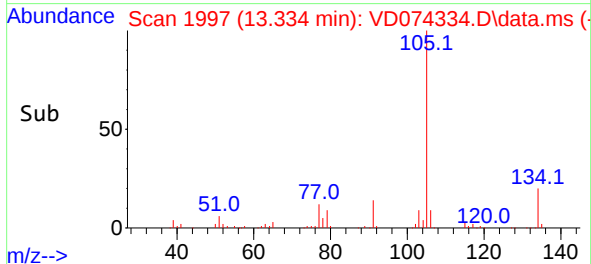
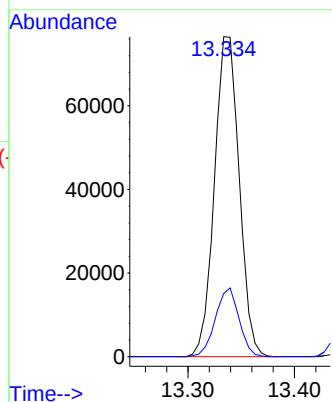
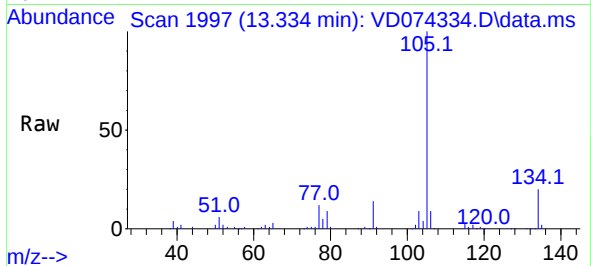




#85  
 sec-Butylbenzene  
 Concen: 20.158 ug/l  
 RT: 13.334 min Scan# 1997  
 Delta R.T. -0.005 min  
 Lab File: VD074334.D  
 Acq: 16 Sep 2022 17:15

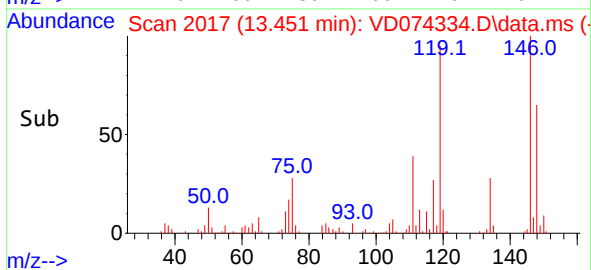
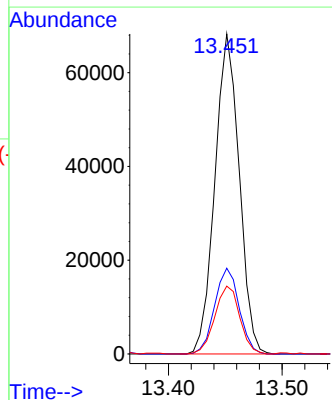
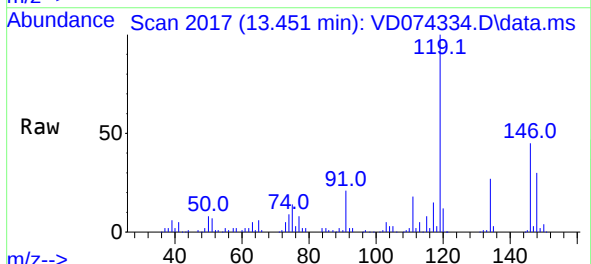
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0916SBSD01

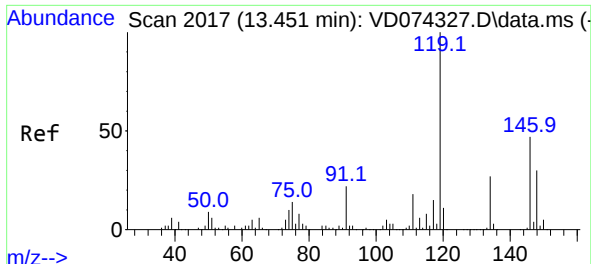
Tgt Ion:105 Resp: 123376  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 19.818 ug/l  
 RT: 13.451 min Scan# 2017  
 Delta R.T. 0.000 min  
 Lab File: VD074334.D  
 Acq: 16 Sep 2022 17:15

Tgt Ion:119 Resp: 101371  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.1 39.3  
 91 21.8 11.2 33.5

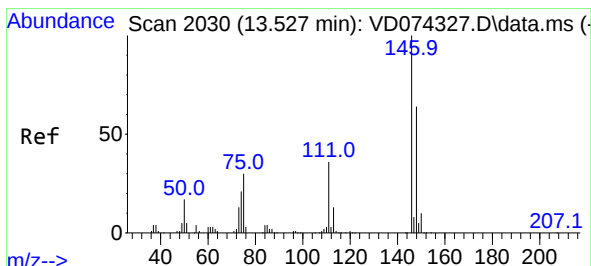
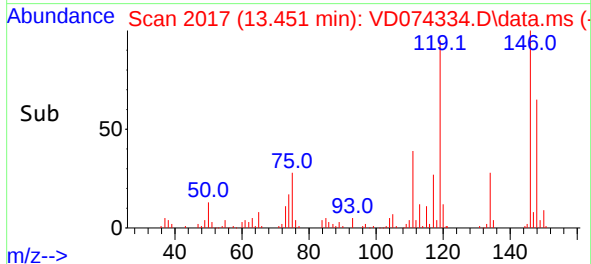
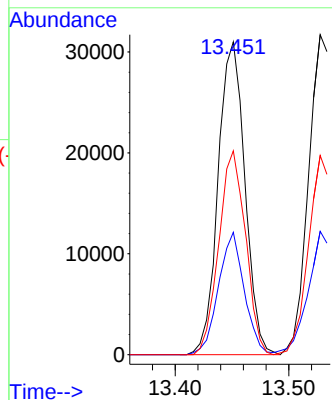
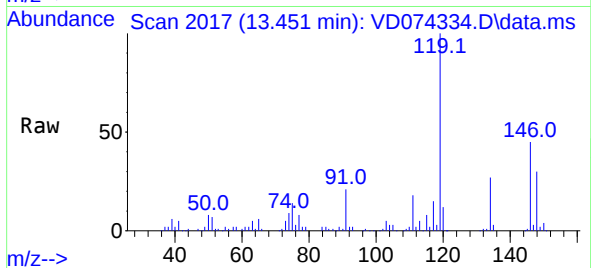




#87  
1,3-Dichlorobenzene  
Concen: 19.874 ug/l  
RT: 13.451 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

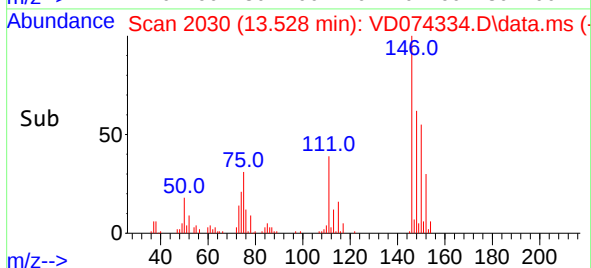
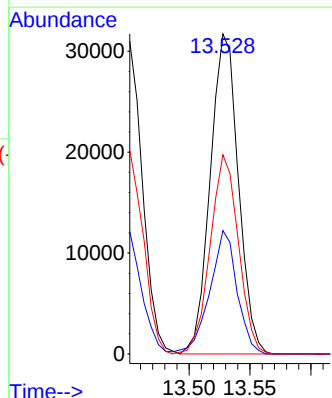
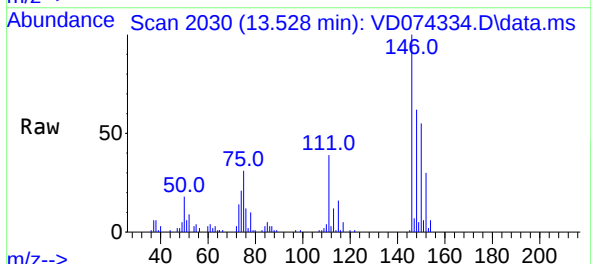
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

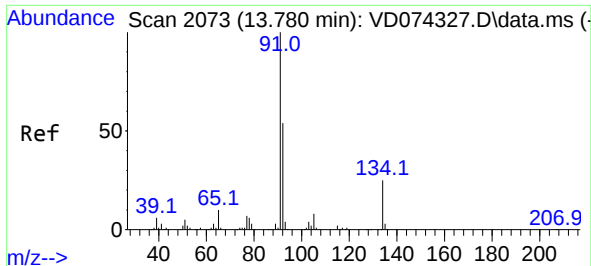
Tgt Ion:146 Resp: 50777  
Ion Ratio Lower Upper  
146 100  
111 37.8 18.1 54.4  
148 65.2 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 20.406 ug/l  
RT: 13.528 min Scan# 2030  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:146 Resp: 50954  
Ion Ratio Lower Upper  
146 100  
111 37.4 18.4 55.2  
148 62.4 32.1 96.5

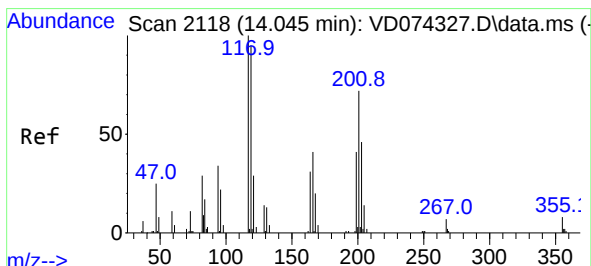
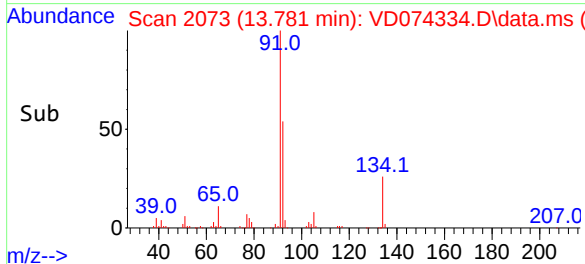
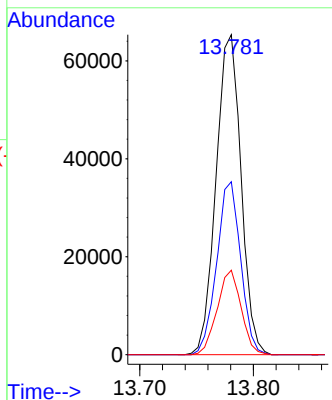
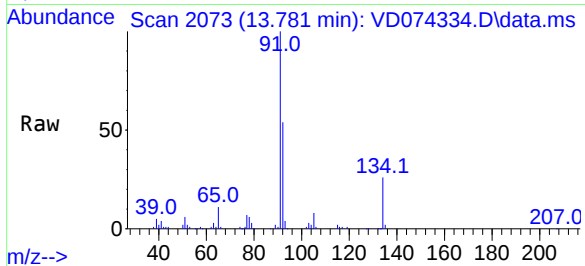




#89  
n-Butylbenzene  
Concen: 19.949 ug/l  
RT: 13.781 min Scan# 2073  
Delta R.T. 0.001 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

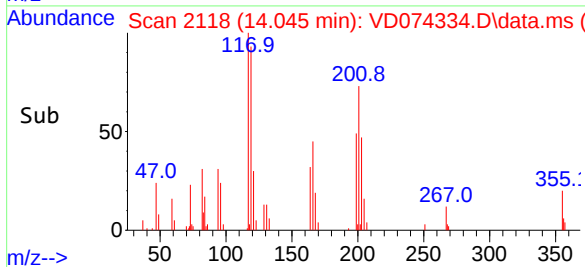
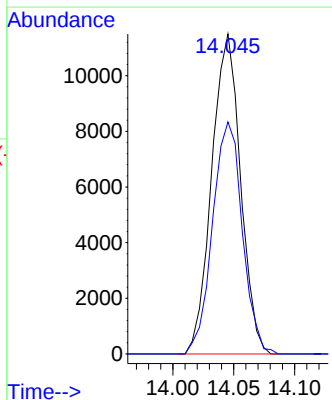
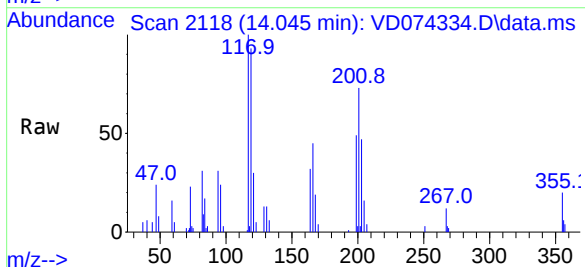
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

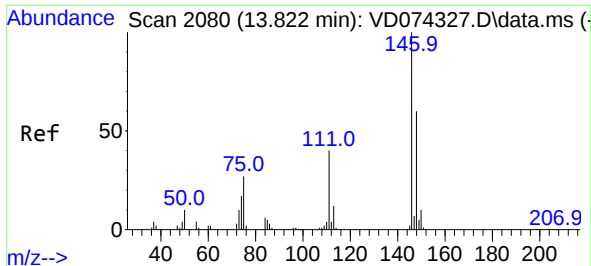
Tgt Ion: 91 Resp: 99944  
Ion Ratio Lower Upper  
91 100  
92 51.9 26.6 79.7  
134 25.3 13.1 39.1



#90  
Hexachloroethane  
Concen: 19.610 ug/l  
RT: 14.045 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion: 117 Resp: 18931  
Ion Ratio Lower Upper  
117 100  
201 74.9 38.0 113.9

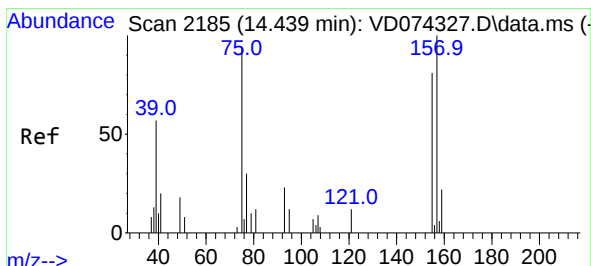
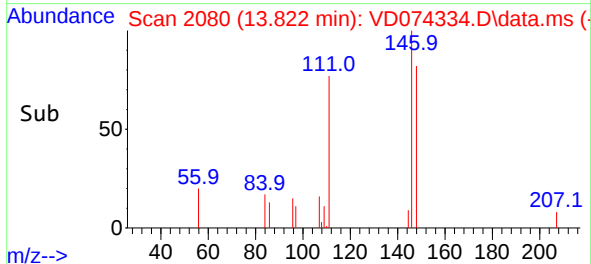
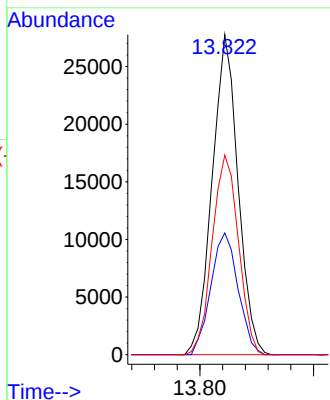
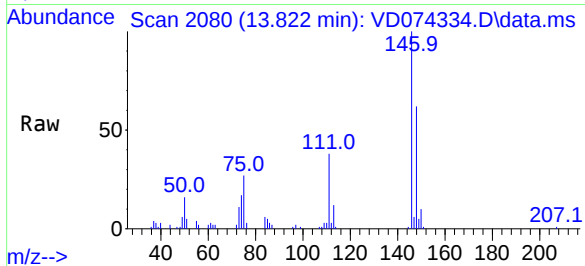




#91  
1,2-Dichlorobenzene  
Concen: 20.356 ug/l  
RT: 13.822 min Scan# 2080  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

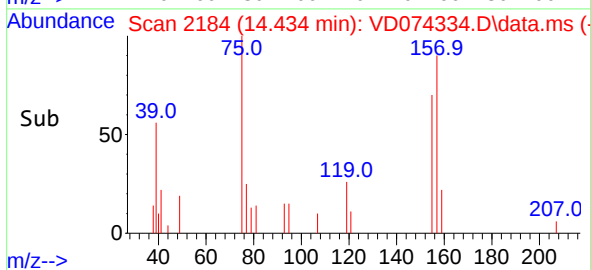
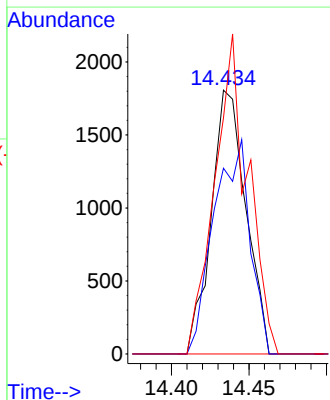
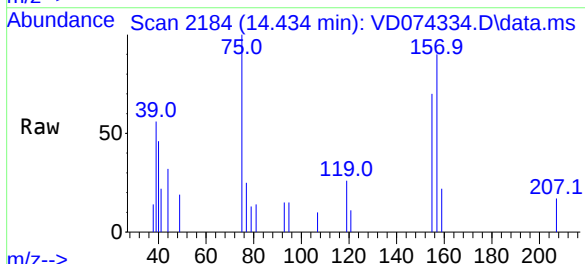
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBS01

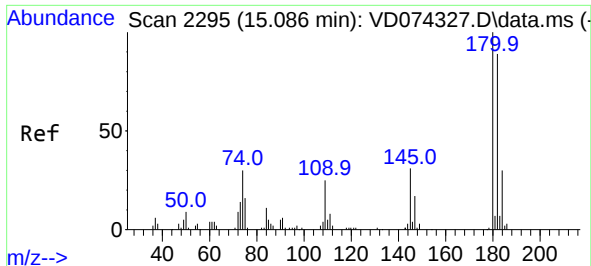
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 43853 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.2  | 19.4  | 58.4  |
| 148      | 63.4  | 31.5  | 94.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.107 ug/l  
RT: 14.434 min Scan# 2184  
Delta R.T. -0.005 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2807  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 85.1  | 49.2  | 147.6 |
| 157      | 116.5 | 62.1  | 186.2 |

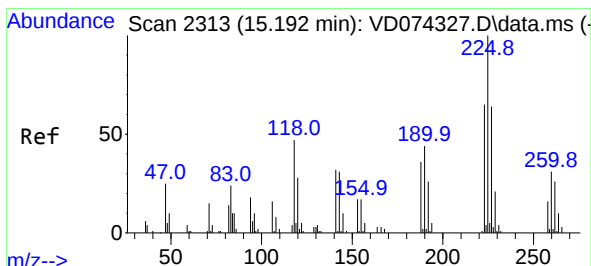
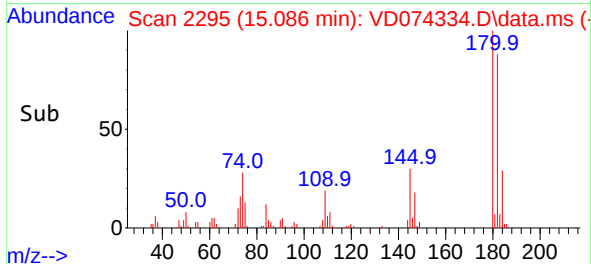
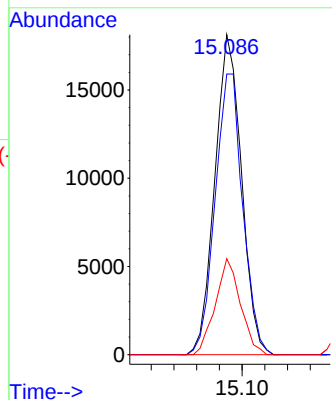
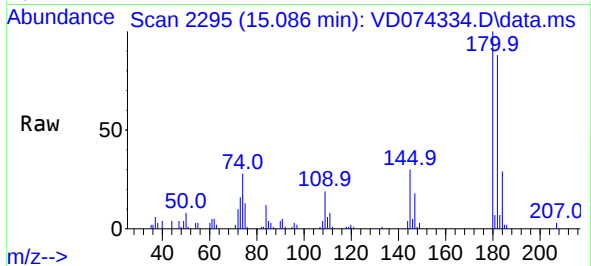




#93  
1,2,4-Trichlorobenzene  
Concen: 20.309 ug/l  
RT: 15.086 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

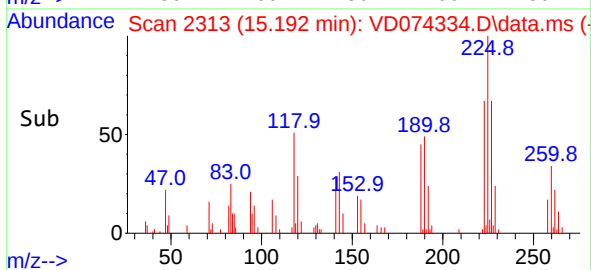
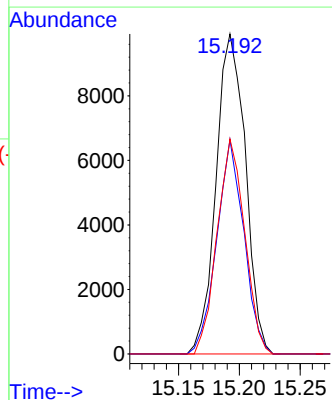
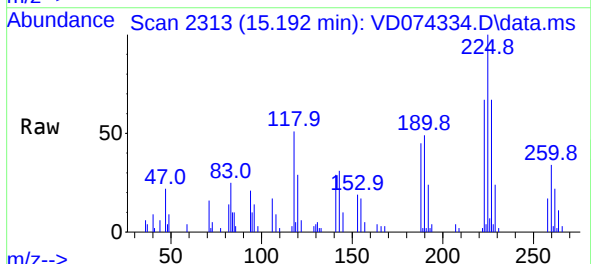
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

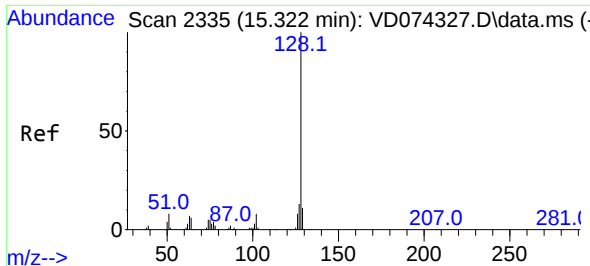
Tgt Ion:180 Resp: 29514  
Ion Ratio Lower Upper  
180 100  
182 90.9 47.6 142.9  
145 28.3 14.4 43.4



#94  
Hexachlorobutadiene  
Concen: 20.174 ug/l  
RT: 15.192 min Scan# 2313  
Delta R.T. 0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Tgt Ion:225 Resp: 16656  
Ion Ratio Lower Upper  
225 100  
223 61.9 32.4 97.0  
227 63.0 32.7 98.1

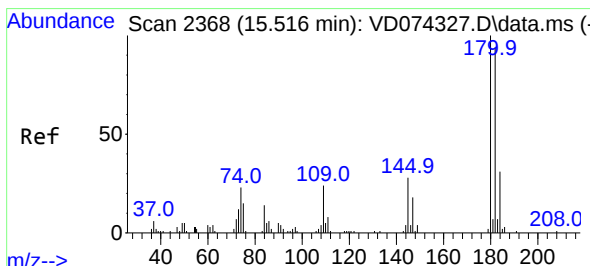
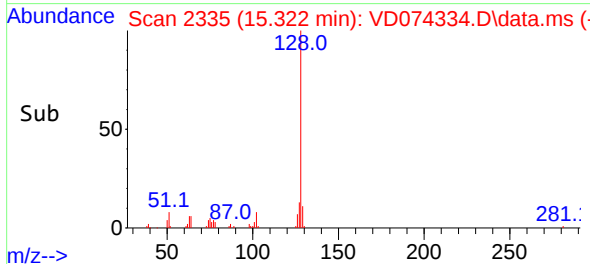
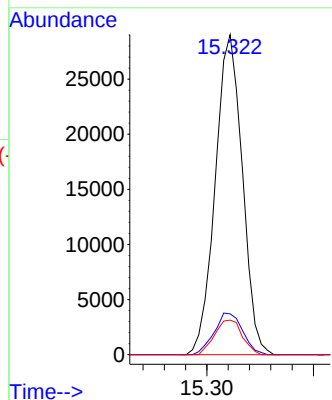
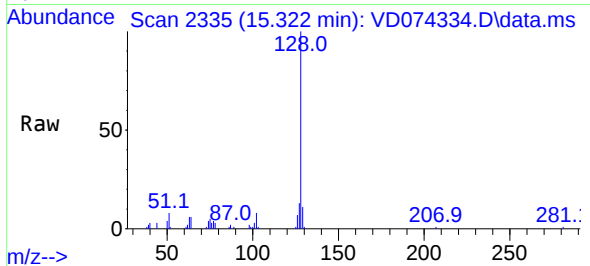




#95  
Naphthalene  
Concen: 18.997 ug/l  
RT: 15.322 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0916SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 51172 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.7  | 10.9  | 16.3  |
| 129      | 11.0  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.832 ug/l  
RT: 15.510 min Scan# 2367  
Delta R.T. -0.006 min  
Lab File: VD074334.D  
Acq: 16 Sep 2022 17:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 24769 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.0  | 47.5  | 142.5 |
| 145      | 29.5  | 15.8  | 47.3  |

