

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121624\  
 Data File : VX044308.D  
 Acq On : 16 Dec 2024 08:58  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 17 00:42:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.538  | 168  | 139378   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 244474   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 205865   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 95969    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 111334   | 45.559   | ug/l | -0.01   |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 91.120% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 83428    | 49.272   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.540% |
| 50) Toluene-d8              | 8.641  | 98    | 279261   | 48.887   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 97.780% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 96647    | 48.419   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 96.840% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 110626  | 51.331  | ug/l   | 98  |
| 3) Chloromethane             | 1.294 | 50  | 100403  | 48.718  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 102385  | 47.686  | ug/l   | 96  |
| 5) Bromomethane              | 1.599 | 94  | 69588   | 45.685  | ug/l   | 97  |
| 6) Chloroethane              | 1.666 | 64  | 62712   | 46.907  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.867 | 101 | 207694  | 49.412  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 61938   | 43.170  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 2.313 | 101 | 90544   | 53.234  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.441 | 142 | 104644  | 46.681  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 3.007 | 59  | 75206   | 218.361 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 80782   | 51.708  | ug/l   | 98  |
| 13) Acrolein                 | 2.233 | 56  | 136673  | 274.141 | ug/l   | 99  |
| 14) Allyl chloride           | 2.654 | 41  | 134997  | 51.879  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.062 | 53  | 220146  | 230.752 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 277963  | 279.001 | ug/l   | 97  |
| 17) Carbon Disulfide         | 2.502 | 76  | 170467  | 57.403  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 115672  | 45.030  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 293948  | 48.216  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 90461   | 48.342  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 83553   | 50.323  | ug/l   | 96  |
| 22) Diisopropyl ether        | 3.757 | 45  | 285903  | 48.792  | ug/l   | 98  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1231090 | 258.424 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.599 | 63  | 165751  | 50.747  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 334703  | 236.313 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.458 | 77  | 150352  | 56.662  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 100284  | 47.558  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.885 | 49  | 76752   | 47.920  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 194173  | 213.585 | ug/l   | 99  |
| 30) Chloroform               | 5.080 | 83  | 176157  | 48.002  | ug/l   | 99  |
| 31) Cyclohexane              | 5.452 | 56  | 134608  | 51.035  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.367 | 97  | 155855  | 51.164  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 114418  | 52.277  | ug/l   | 100 |
| 37) Ethyl Acetate            | 4.708 | 43  | 126299  | 46.682  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.666 | 117 | 128566  | 54.561  | ug/l   | 96  |
| 39) Methylcyclohexane        | 7.373 | 83  | 147614  | 56.416  | ug/l   | 97  |
| 40) Benzene                  | 6.025 | 78  | 338436  | 50.929  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121624\  
 Data File : VX044308.D  
 Acq On : 16 Dec 2024 08:58  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 17 00:42:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 64755    | 45.074  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 137831   | 50.351  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 203384   | 48.097  | ug/l   | 100      |
| 44) Trichloroethene           | 7.117  | 130  | 84716    | 51.122  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 83040    | 48.912  | ug/l   | 99       |
| 46) Dibromomethane            | 7.574  | 93   | 66712    | 50.650  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.812  | 83   | 124250   | 54.622  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 94819    | 46.192  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 28971    | 851.260 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 618153   | 227.351 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 203030   | 48.652  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 124383   | 50.878  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 134510   | 54.308  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 81180    | 48.968  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 131035   | 50.067  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 140579   | 48.717  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 322186   | 244.075 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 480115   | 243.957 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 87323    | 49.756  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 85604    | 50.729  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.269  | 164  | 70444    | 51.556  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.073 | 112  | 220448   | 49.974  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 78369    | 55.279  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 396393   | 52.007  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 292255   | 104.497 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 141788   | 50.106  | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 242125   | 53.374  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 52920    | 53.004  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.957 | 105  | 379505   | 51.656  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 170652   | 50.260  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 119271   | 46.740  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 130823   | 61.054  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 84496    | 47.428  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.299 | 91   | 423538   | 52.159  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 252548   | 48.090  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 306219   | 50.261  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 36024    | 48.379  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 297134   | 51.095  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 298265   | 49.536  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 307294   | 51.358  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 385516   | 52.741  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 325542   | 53.509  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 160182   | 51.473  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 162126   | 50.680  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 290065   | 56.700  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 52370    | 58.969  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 165459   | 51.206  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 25002    | 50.472  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 97086    | 54.804  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 37294    | 52.338  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 352655   | 50.999  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 95989    | 51.086  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121624\  
Data File : VX044308.D  
Acq On : 16 Dec 2024 08:58  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

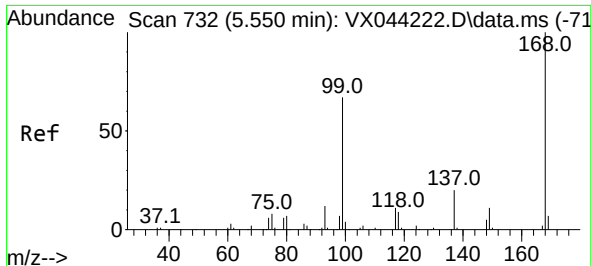
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 17 00:42:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration

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

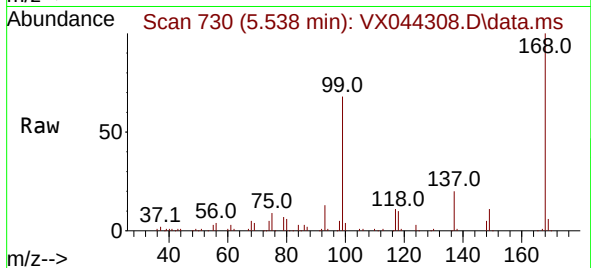
(#) = qualifier out of range (m) = manual integration (+) = signals summed



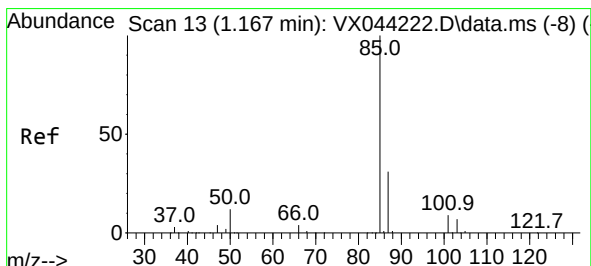
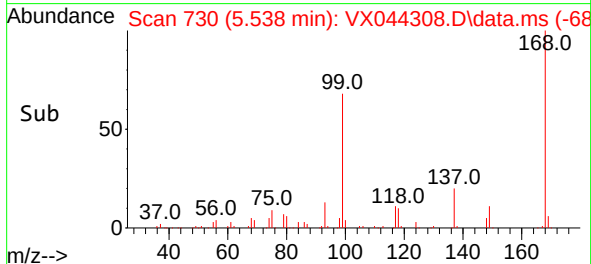
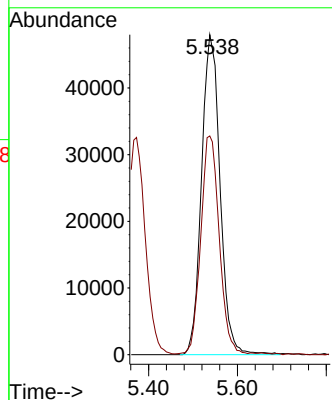


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :

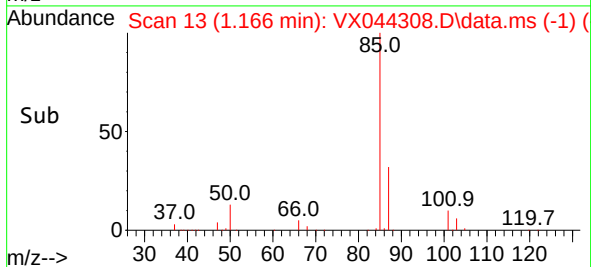
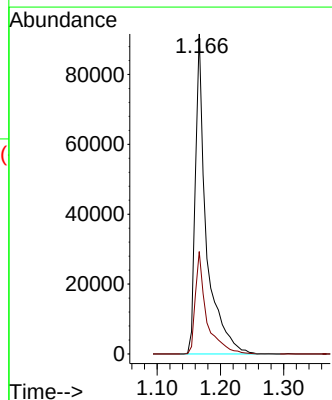
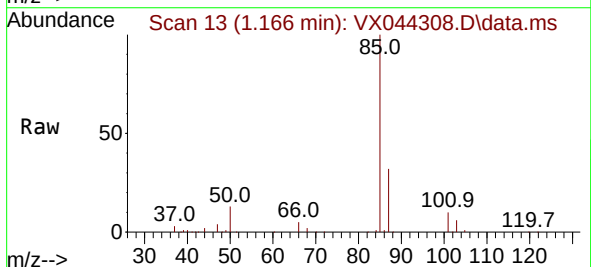


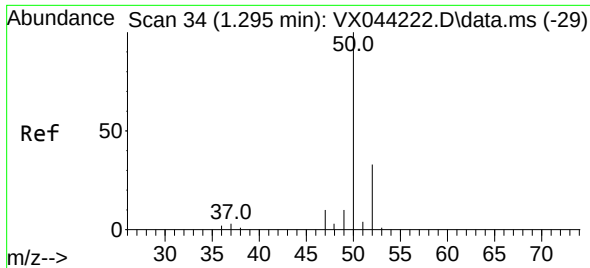
Tgt Ion:168 Resp: 139378  
Ion Ratio Lower Upper  
168 100  
99 68.1 53.4 80.0



#2  
Dichlorodifluoromethane  
Concen: 51.331 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 85 Resp: 110626  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.4 46.4

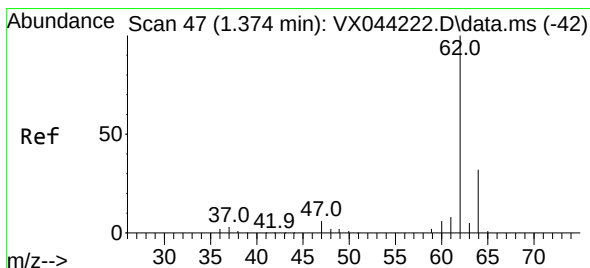
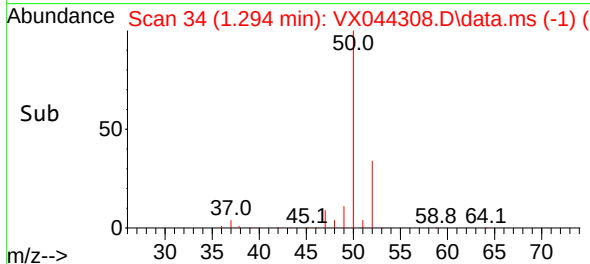
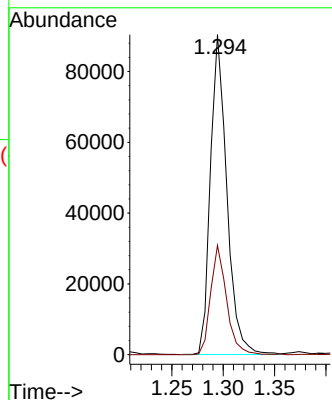
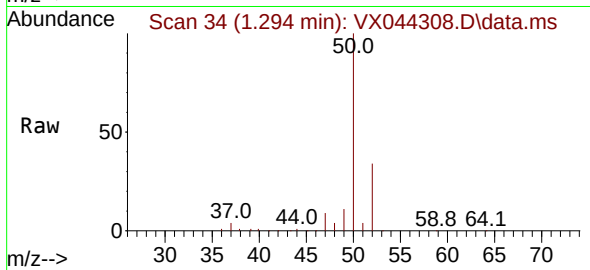




#3  
Chloromethane  
Concen: 48.718 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

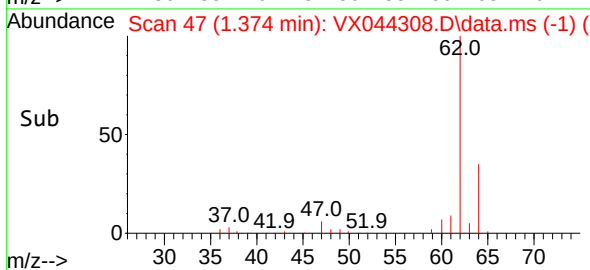
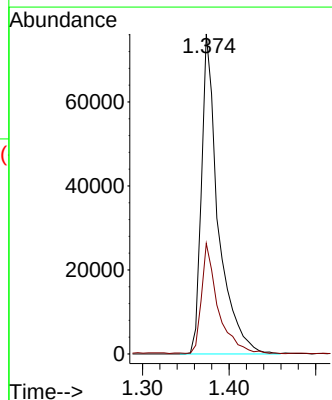
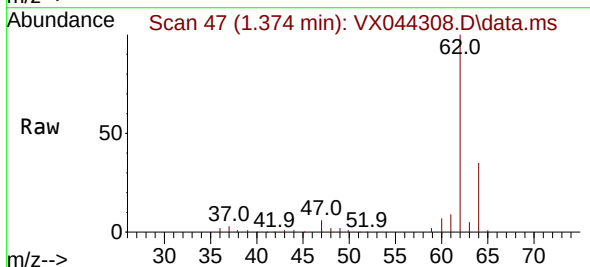
Instrument :  
MSVOA\_X  
ClientSampleId :

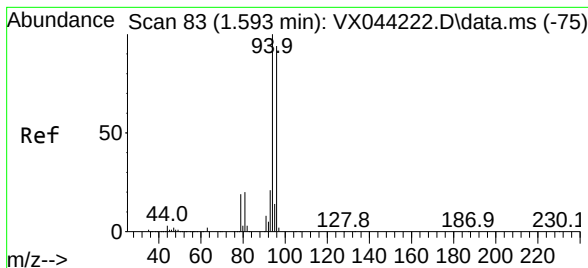
Tgt Ion: 50 Resp: 100403  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.5 39.7



#4  
Vinyl Chloride  
Concen: 47.686 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 62 Resp: 102385  
Ion Ratio Lower Upper  
62 100  
64 34.4 25.7 38.5





#5

Bromomethane

Concen: 45.685 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

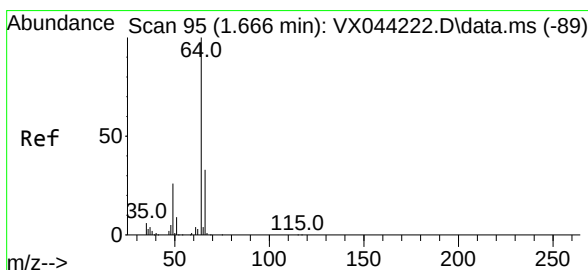
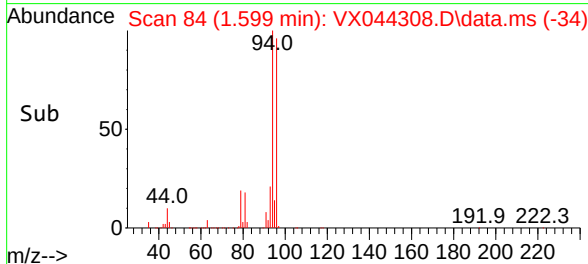
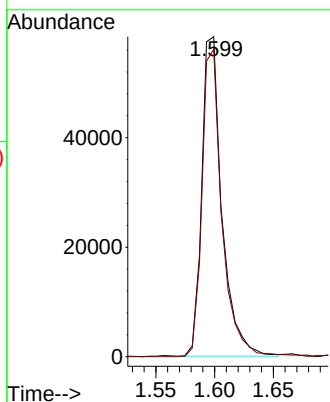
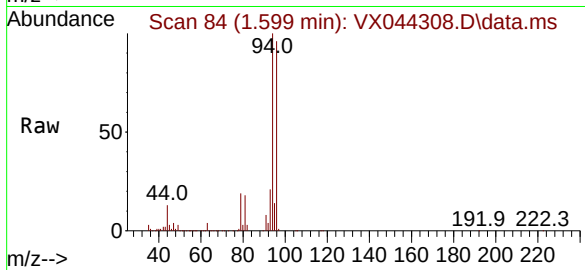
ClientSampleId :

Tgt Ion: 94 Resp: 69588

Ion Ratio Lower Upper

94 100

96 96.2 74.9 112.3



#6

Chloroethane

Concen: 46.907 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044308.D

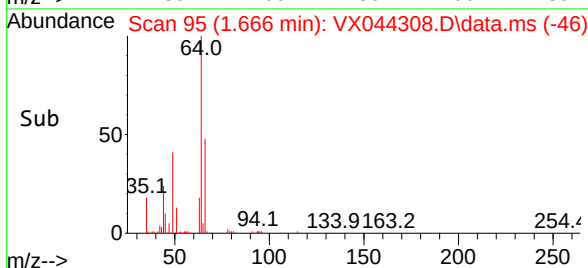
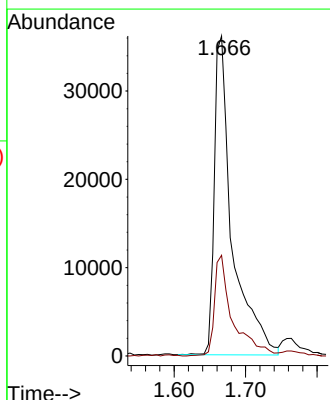
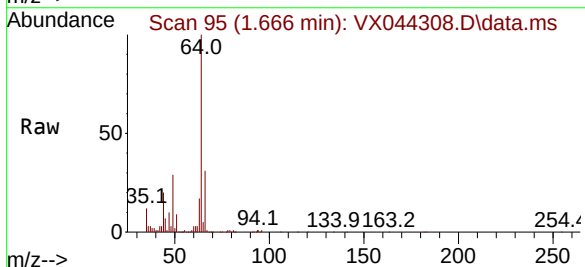
Acq: 16 Dec 2024 08:58

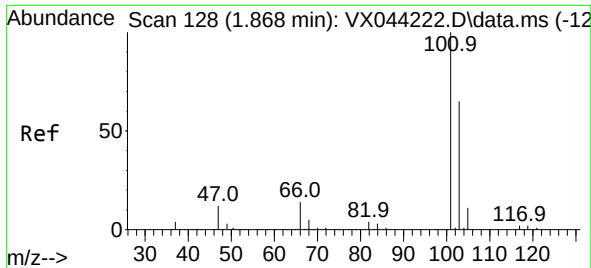
Tgt Ion: 64 Resp: 62712

Ion Ratio Lower Upper

64 100

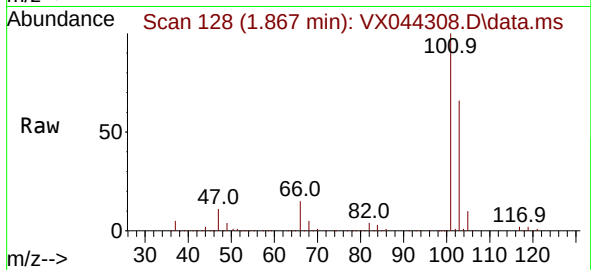
66 31.4 26.6 39.8



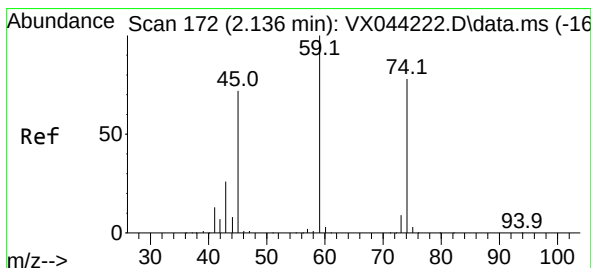
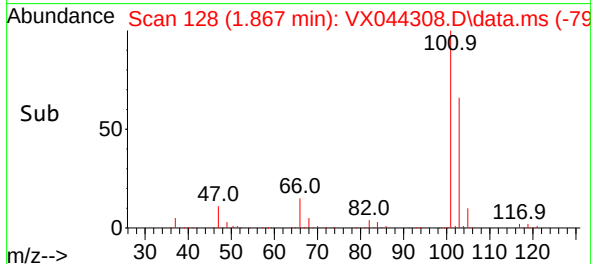
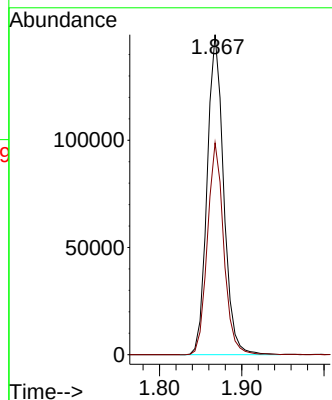


#7  
 Trichlorofluoromethane  
 Concen: 49.412 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :

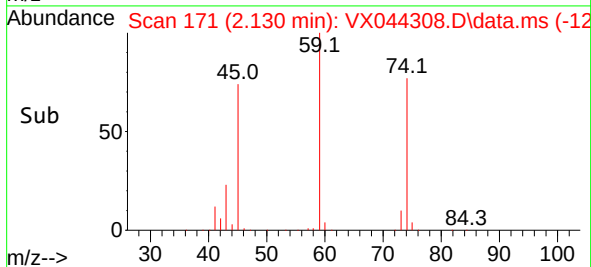
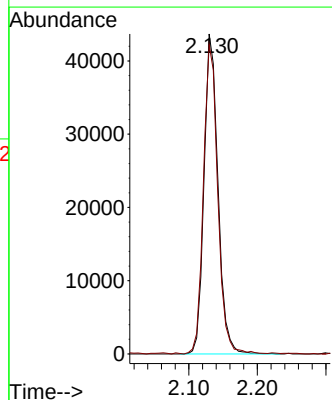
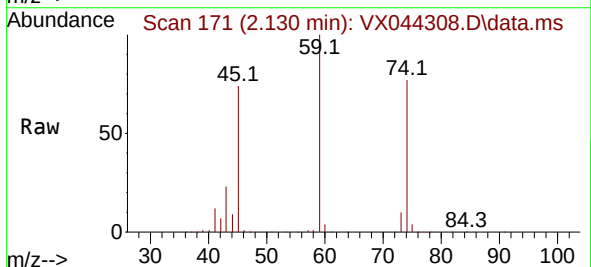


Tgt Ion:101 Resp: 207694  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 51.8 77.8

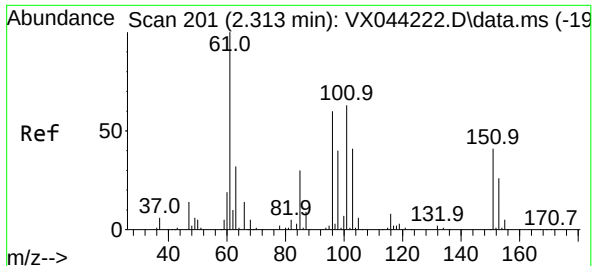


#8  
 Diethyl Ether  
 Concen: 43.170 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

Tgt Ion: 74 Resp: 61938  
 Ion Ratio Lower Upper  
 74 100  
 45 99.2 48.4 145.0



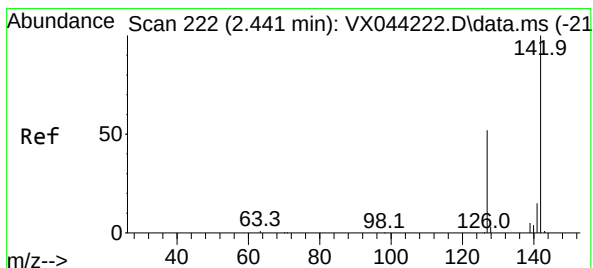
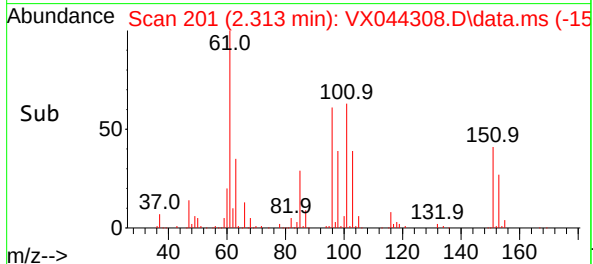
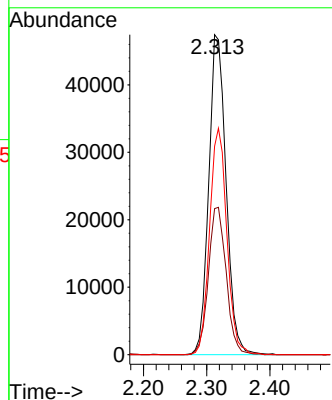
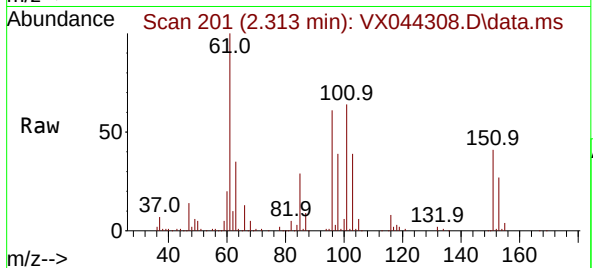




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.234 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

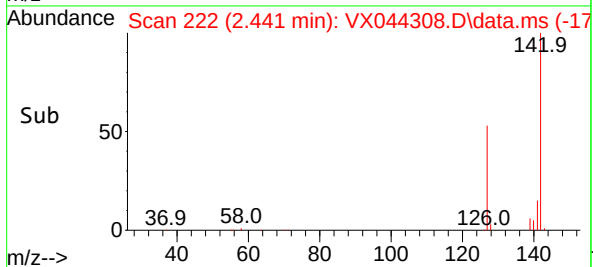
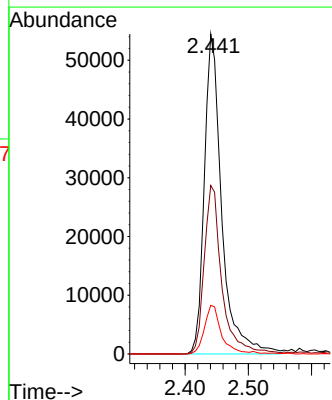
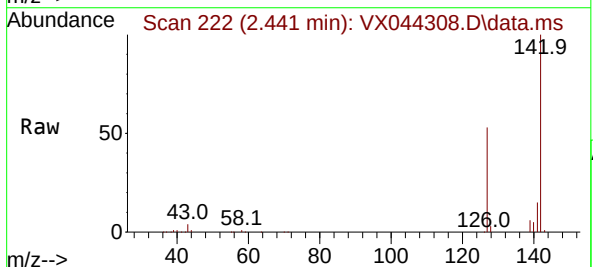
Instrument :  
MSVOA\_X  
ClientSampleId :

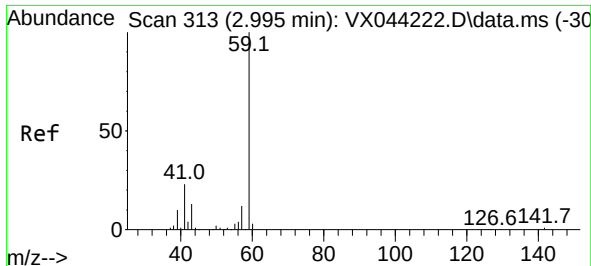
Tgt Ion:101 Resp: 90544  
Ion Ratio Lower Upper  
101 100  
85 47.3 38.5 57.7  
151 70.3 55.8 83.6



#10  
Methyl Iodide  
Concen: 46.681 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion:142 Resp: 104644  
Ion Ratio Lower Upper  
142 100  
127 53.0 41.8 62.8  
141 15.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 218.361 ug/l

RT: 3.007 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

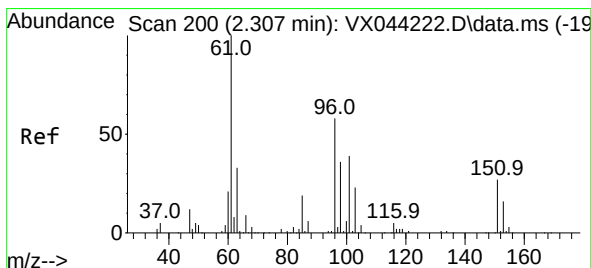
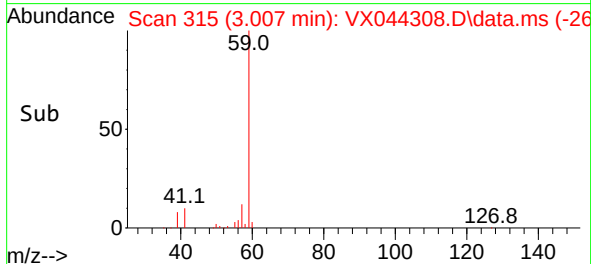
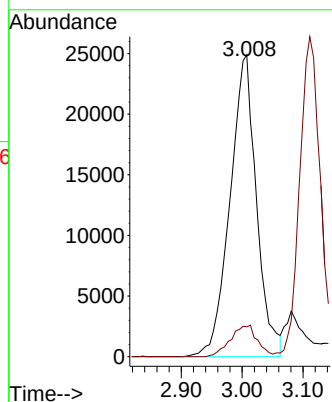
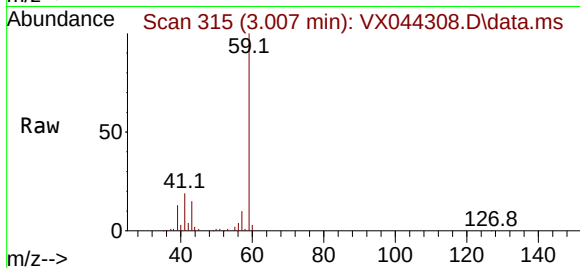
ClientSampleId :

Tgt Ion: 59 Resp: 75206

Ion Ratio Lower Upper

59 100

57 10.5 8.8 13.2



#12

1,1-Dichloroethene

Concen: 51.708 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

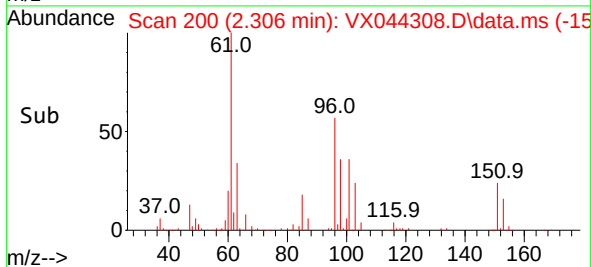
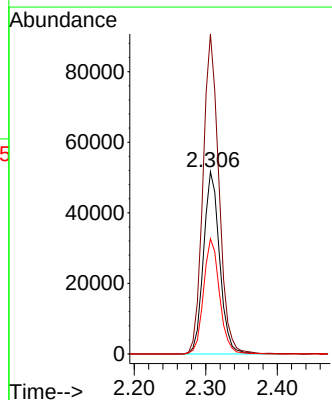
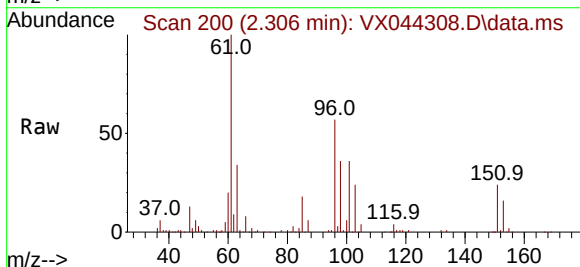
Tgt Ion: 96 Resp: 80782

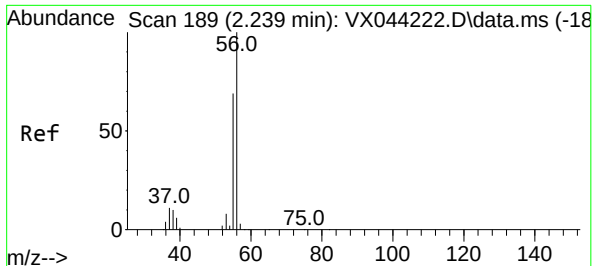
Ion Ratio Lower Upper

96 100

61 175.6 138.0 207.0

98 63.2 50.0 75.0

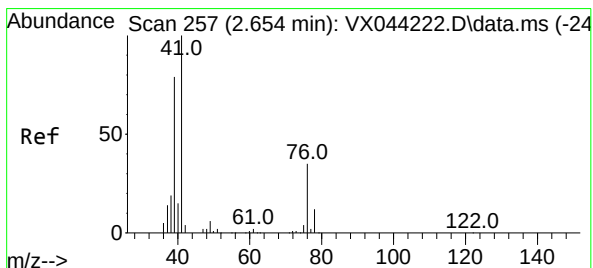
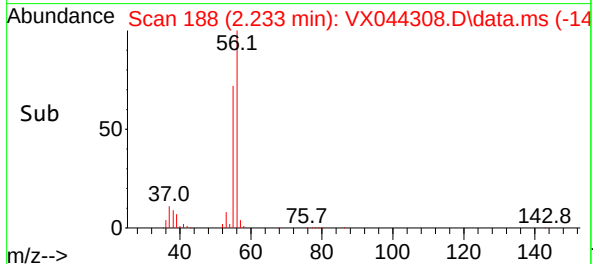
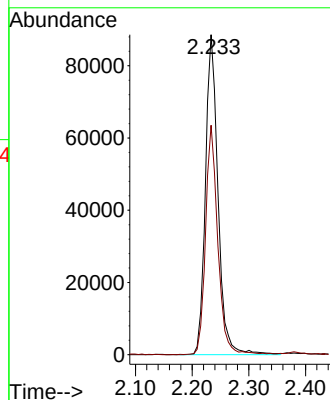
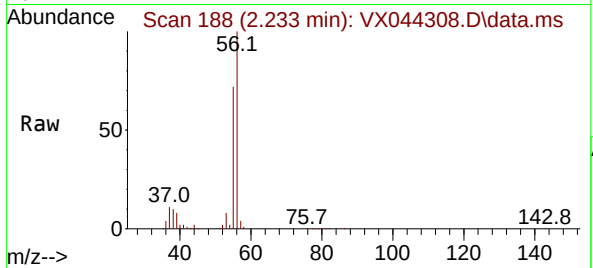




#13  
Acrolein  
Concen: 274.141 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

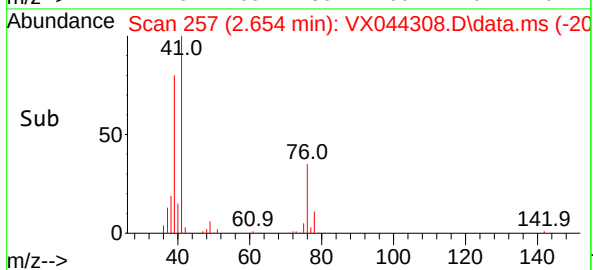
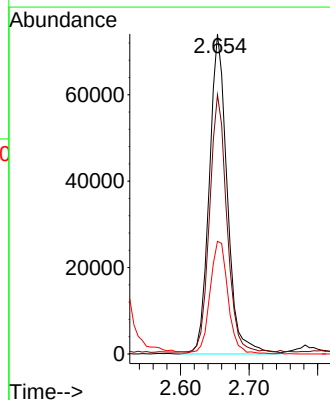
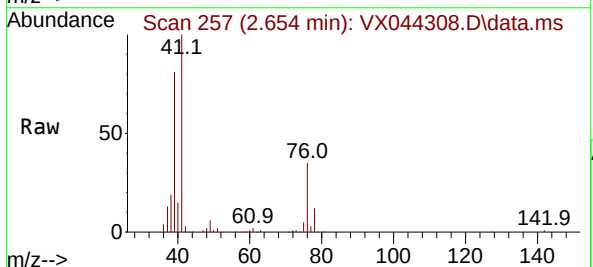
Instrument :  
MSVOA\_X  
ClientSampleId :

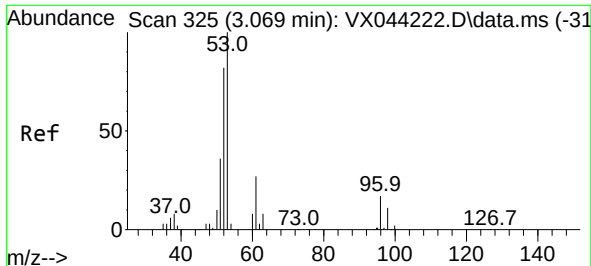
Tgt Ion: 56 Resp: 136673  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.6 84.8



#14  
Allyl chloride  
Concen: 51.879 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 41 Resp: 134997  
Ion Ratio Lower Upper  
41 100  
39 76.9 61.9 92.9  
76 35.0 27.4 41.2





#15

Acrylonitrile

Concen: 230.752 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

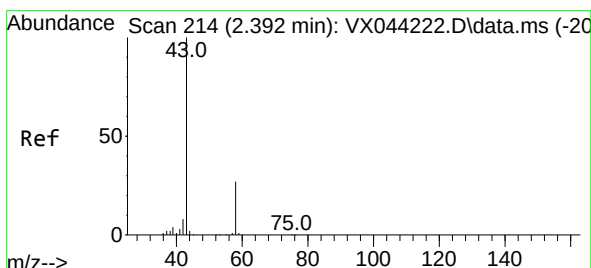
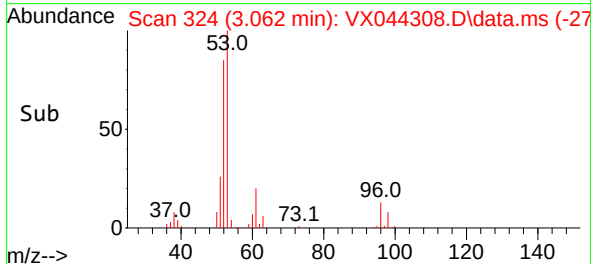
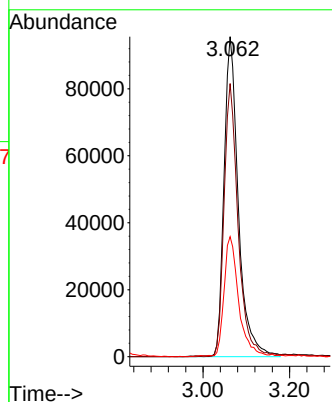
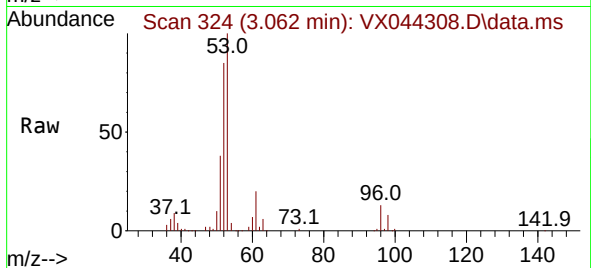
Tgt Ion: 53 Resp: 220146

Ion Ratio Lower Upper

53 100

52 83.7 67.4 101.0

51 37.5 30.3 45.5



#16

Acetone

Concen: 279.001 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044308.D

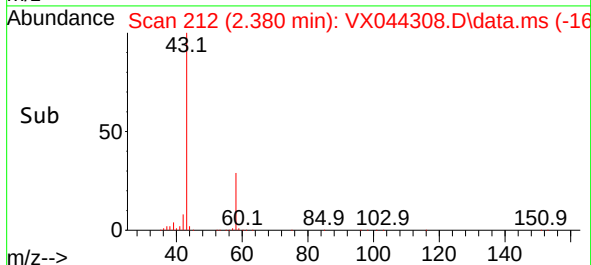
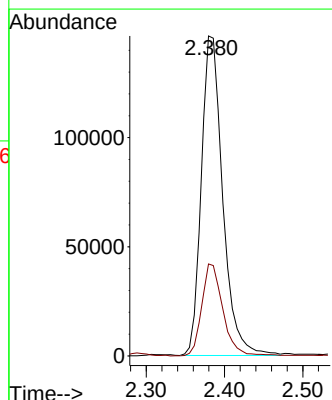
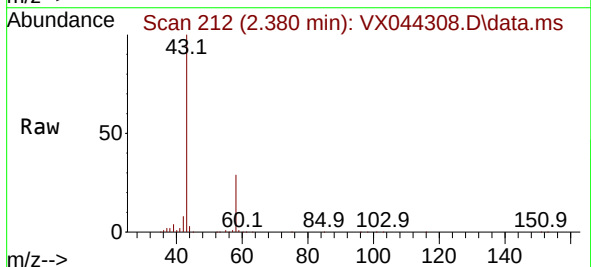
Acq: 16 Dec 2024 08:58

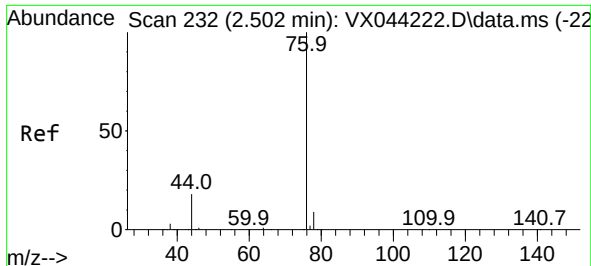
Tgt Ion: 43 Resp: 277963

Ion Ratio Lower Upper

43 100

58 28.7 21.6 32.4





#17

Carbon Disulfide

Concen: 57.403 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

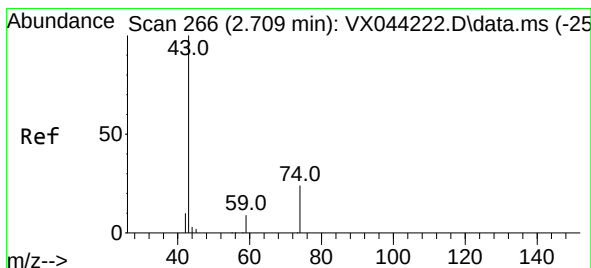
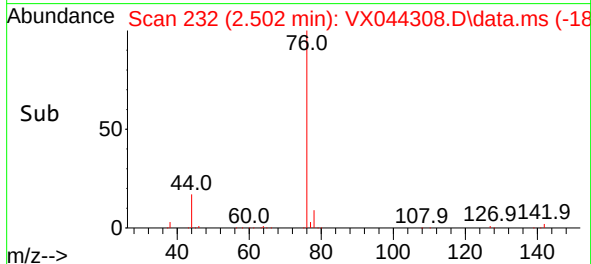
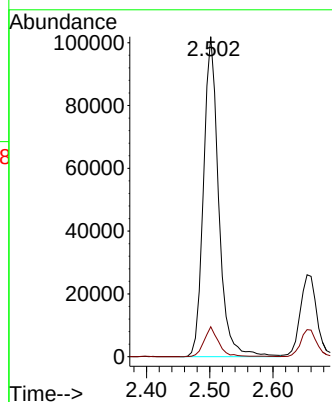
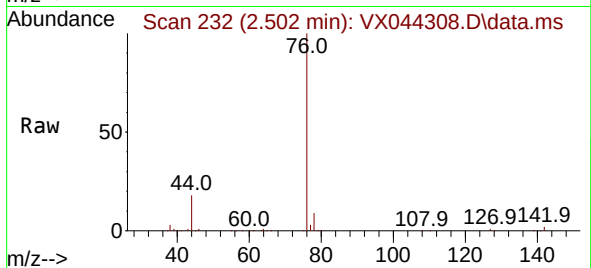
ClientSampleId :

Tgt Ion: 76 Resp: 170467

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 45.030 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX044308.D

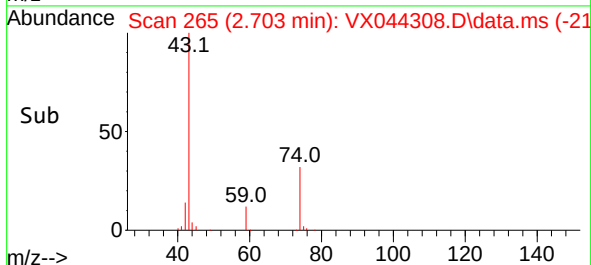
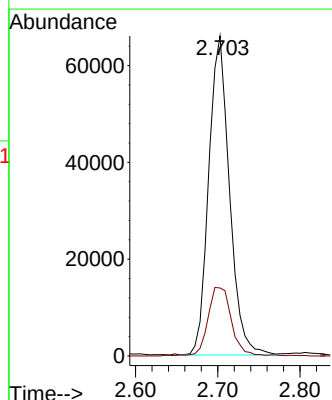
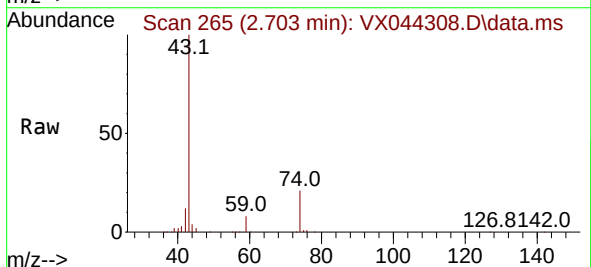
Acq: 16 Dec 2024 08:58

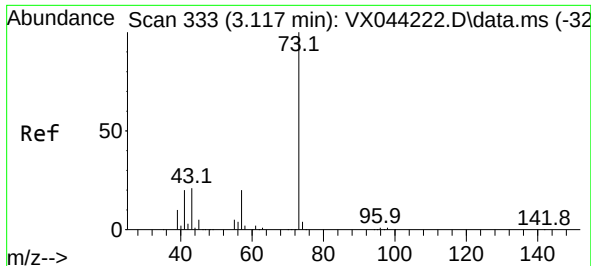
Tgt Ion: 43 Resp: 115672

Ion Ratio Lower Upper

43 100

74 24.4 17.7 26.5

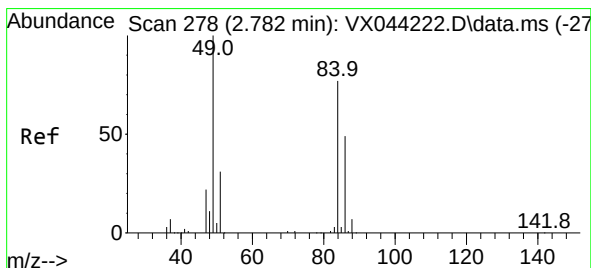
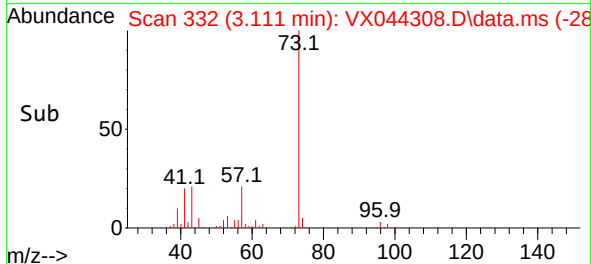
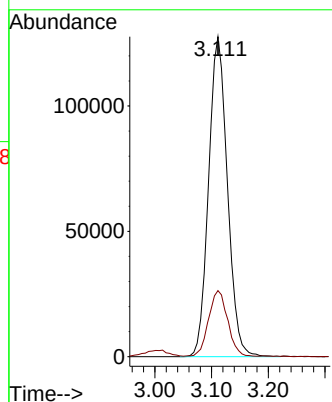
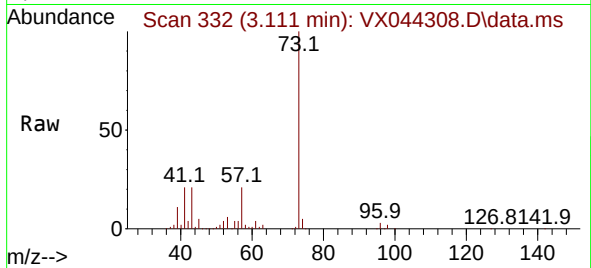




#19  
Methyl tert-butyl Ether  
Concen: 48.216 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

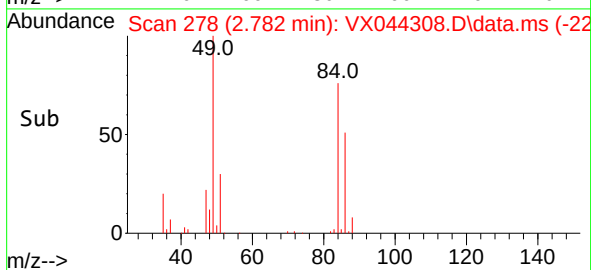
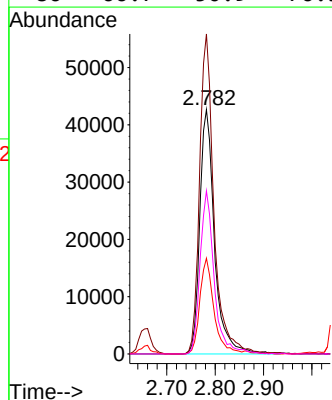
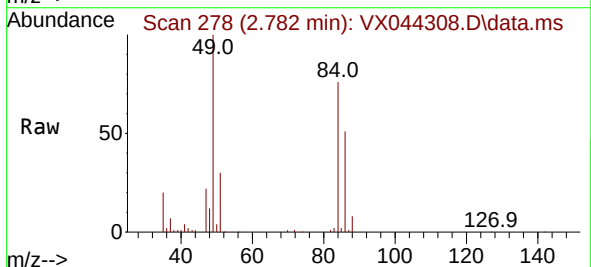
Instrument :  
MSVOA\_X  
ClientSampleId :

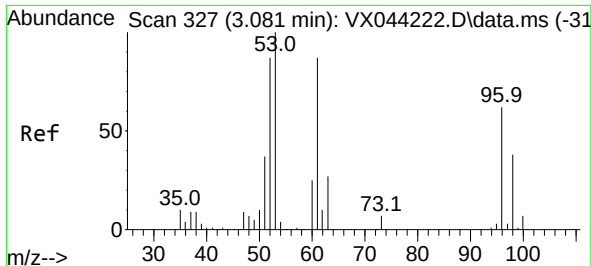
Tgt Ion: 73 Resp: 293948  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.2 24.4



#20  
Methylene Chloride  
Concen: 48.342 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

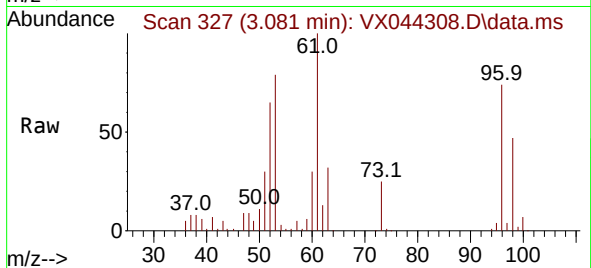
Tgt Ion: 84 Resp: 90461  
Ion Ratio Lower Upper  
84 100  
49 130.9 104.2 156.4  
51 39.2 32.2 48.4  
86 66.7 50.9 76.3



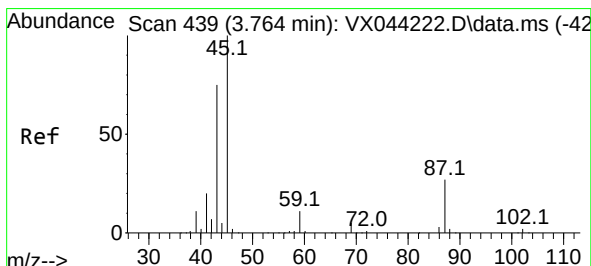
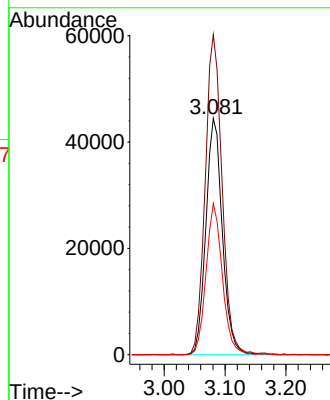
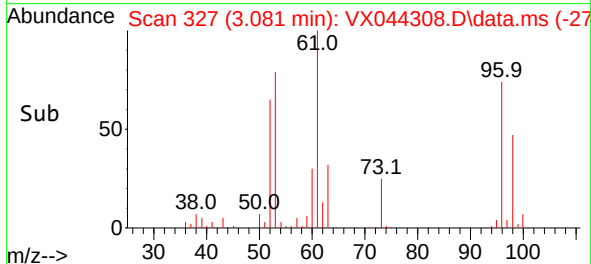


#21  
trans-1,2-Dichloroethene  
Concen: 50.323 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

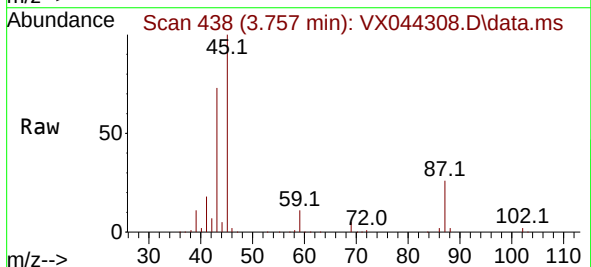
Instrument :  
MSVOA\_X  
ClientSampleId :



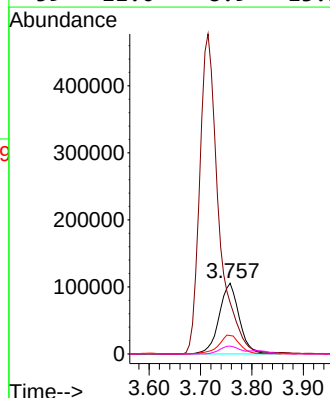
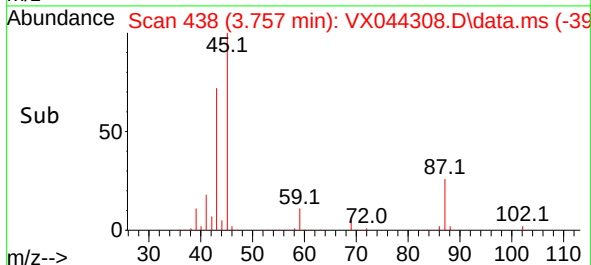
Tgt Ion: 96 Resp: 83553  
Ion Ratio Lower Upper  
96 100  
61 135.4 112.0 168.0  
98 63.9 48.8 73.2

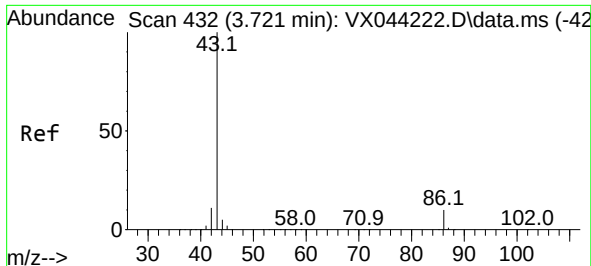


#22  
Diisopropyl ether  
Concen: 48.792 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58



Tgt Ion: 45 Resp: 285903  
Ion Ratio Lower Upper  
45 100  
43 72.6 60.2 90.2  
87 26.0 21.2 31.8  
59 11.0 8.9 13.3

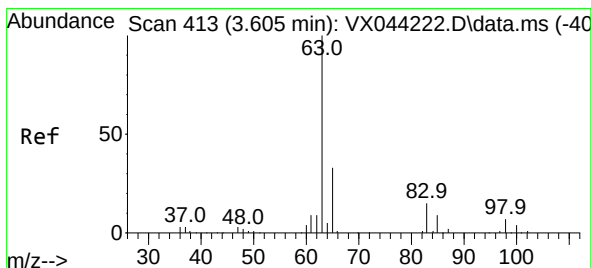
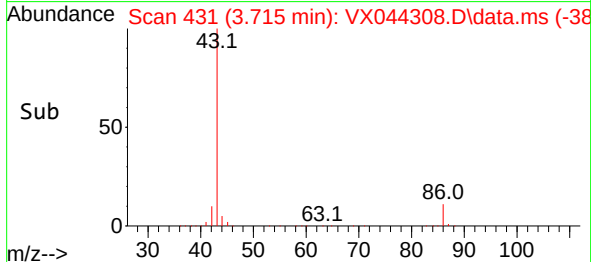
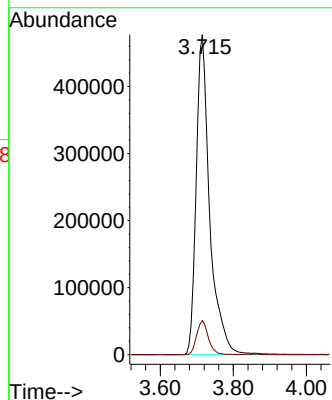
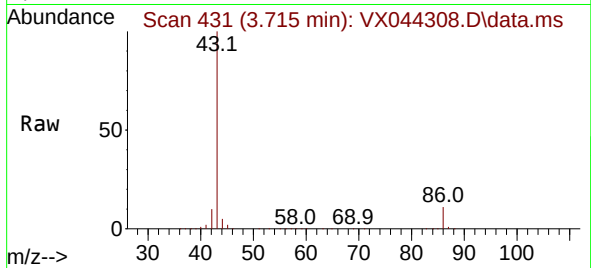




#23  
 Vinyl Acetate  
 Concen: 258.424 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

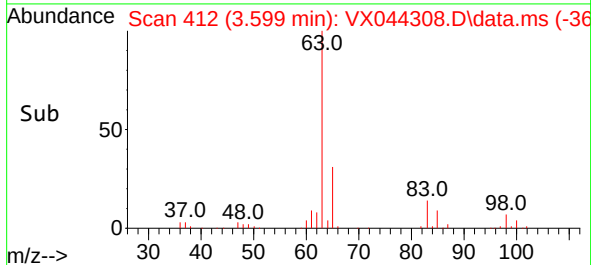
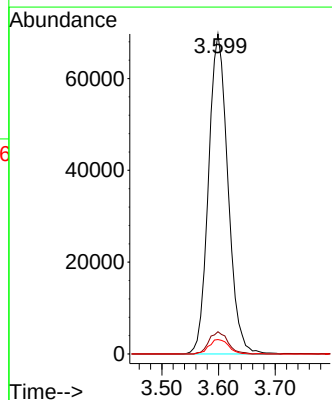
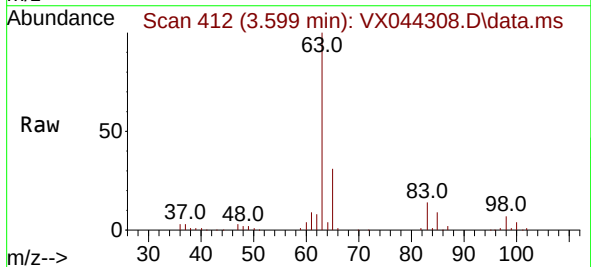
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 1231090  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.2 12.2

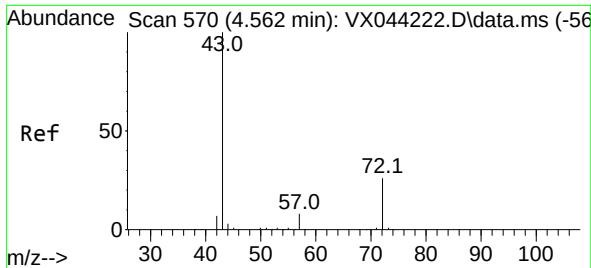


#24  
 1,1-Dichloroethane  
 Concen: 50.747 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

Tgt Ion: 63 Resp: 165751  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.8  
 100 4.5 2.1 6.3



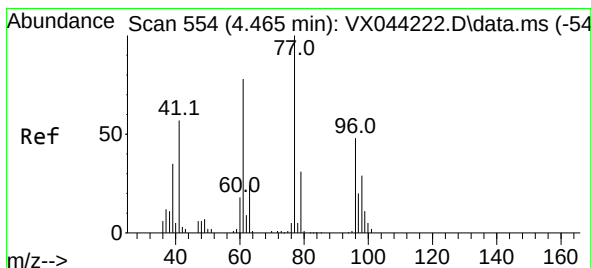
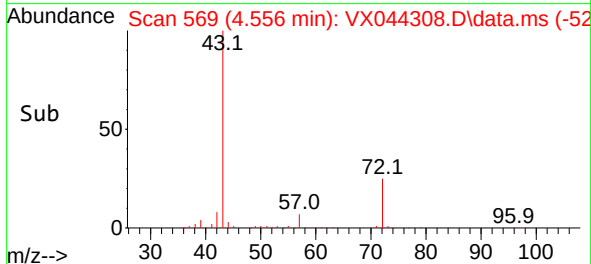
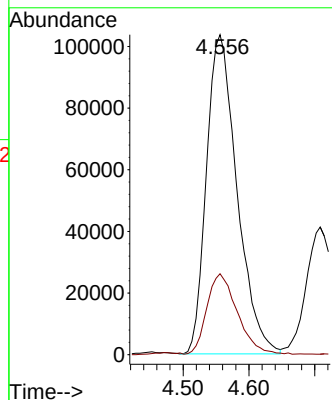
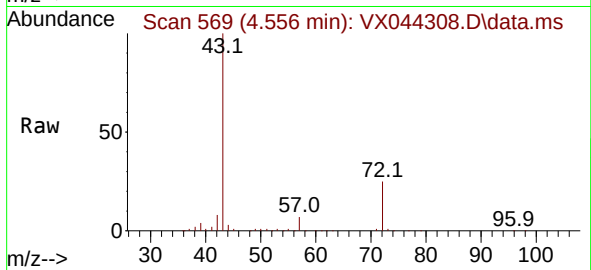




#25  
2-Butanone  
Concen: 236.313 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

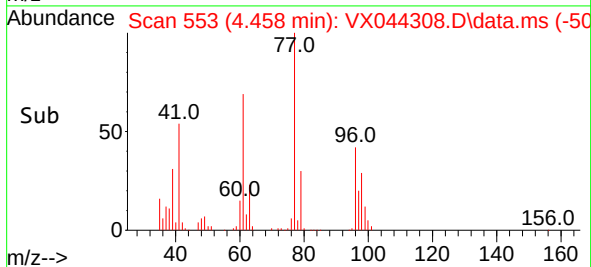
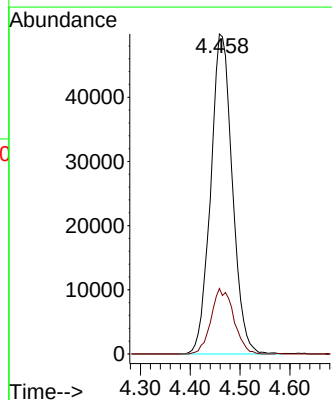
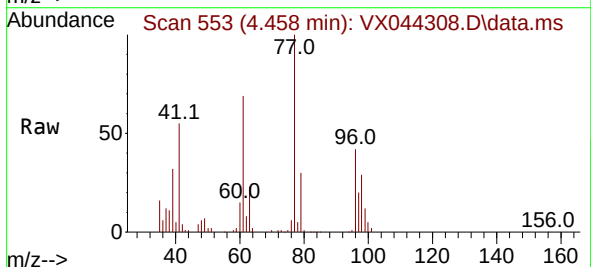
Instrument :  
MSVOA\_X  
ClientSampleId :

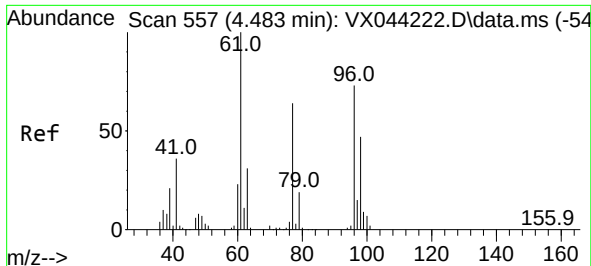
Tgt Ion: 43 Resp: 334703  
Ion Ratio Lower Upper  
43 100  
72 24.8 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 56.662 ug/l  
RT: 4.458 min Scan# 553  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 77 Resp: 150352  
Ion Ratio Lower Upper  
77 100  
97 21.3 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 47.558 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

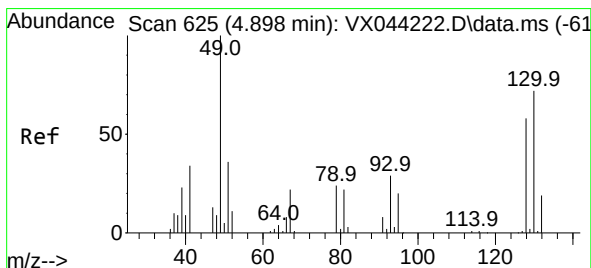
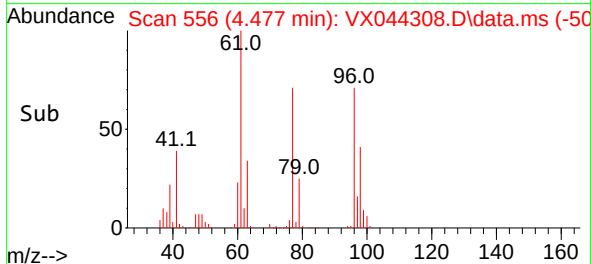
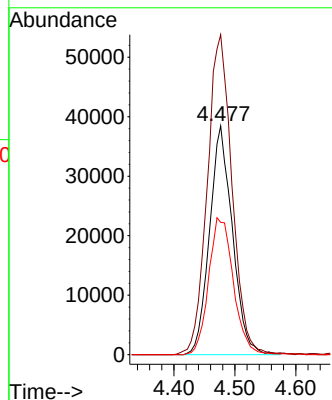
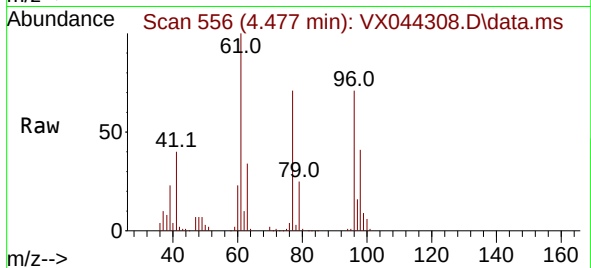
Tgt Ion: 96 Resp: 100284

Ion Ratio Lower Upper

96 100

61 151.5 0.0 299.0

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 47.920 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

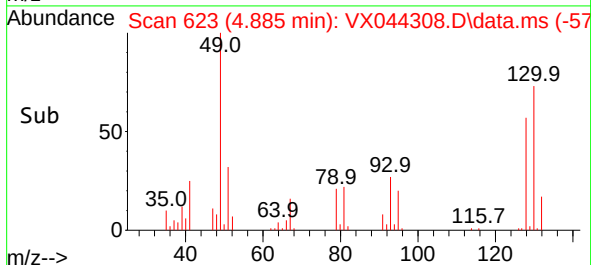
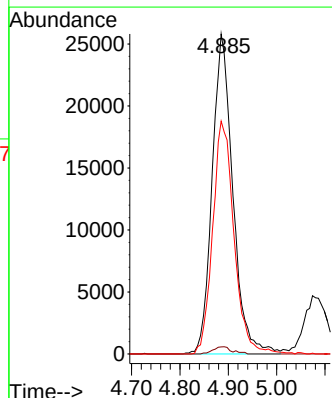
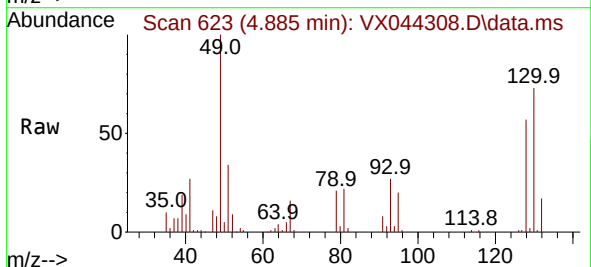
Tgt Ion: 49 Resp: 76752

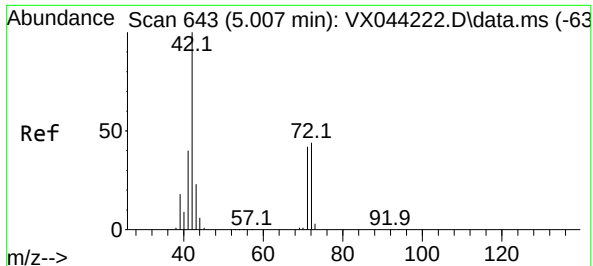
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

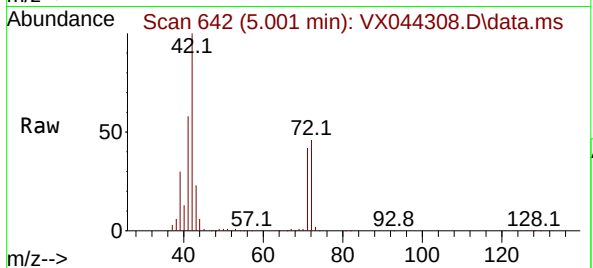
130 75.0 62.1 93.1



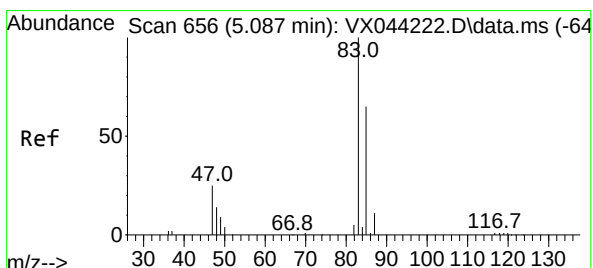
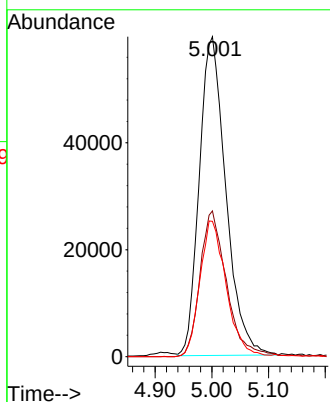
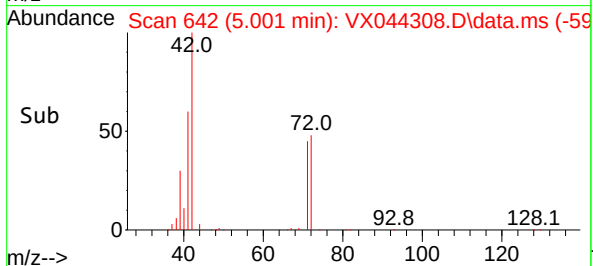


#29  
Tetrahydrofuran  
Concen: 213.585 ug/l  
RT: 5.001 min Scan# 643  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :

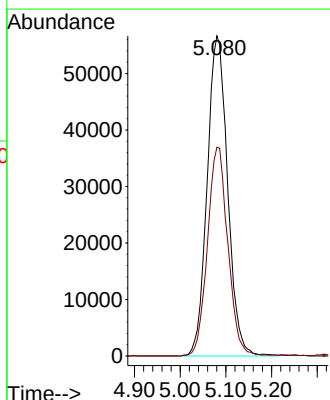
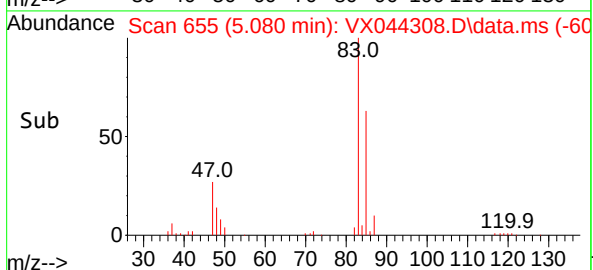
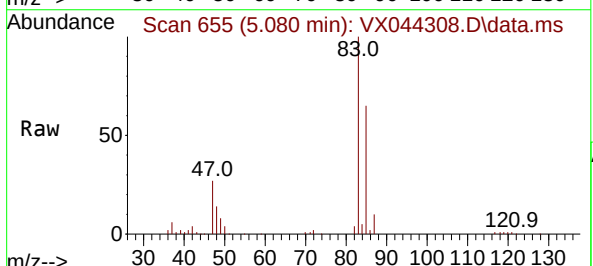


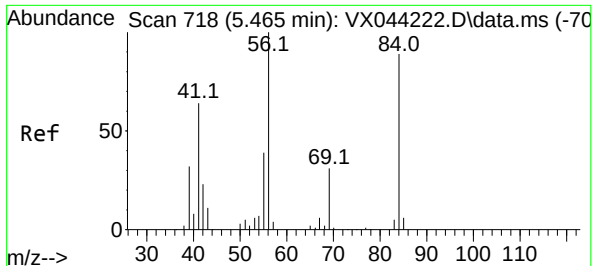
Tgt Ion: 42 Resp: 194173  
Ion Ratio Lower Upper  
42 100  
72 45.6 37.0 55.6  
71 42.2 33.6 50.4



#30  
Chloroform  
Concen: 48.002 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

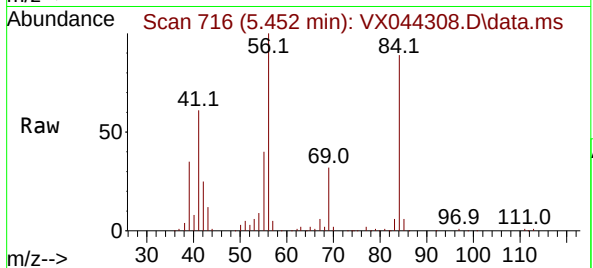
Tgt Ion: 83 Resp: 176157  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.6 77.4



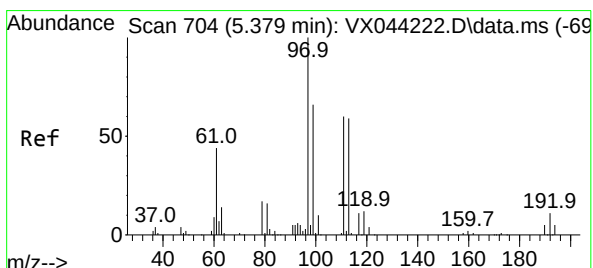
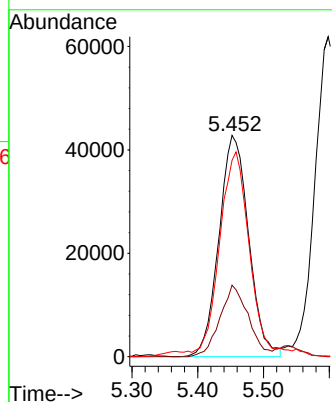
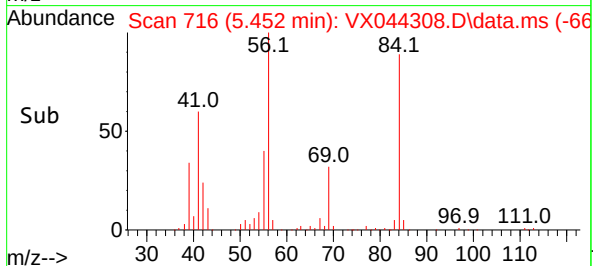


#31  
Cyclohexane  
Concen: 51.035 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :

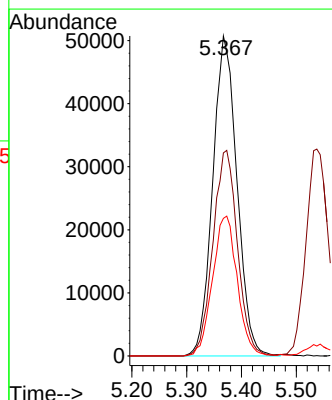
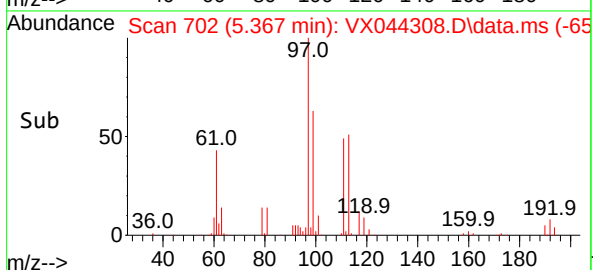
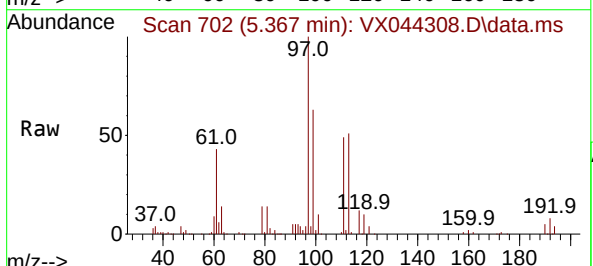


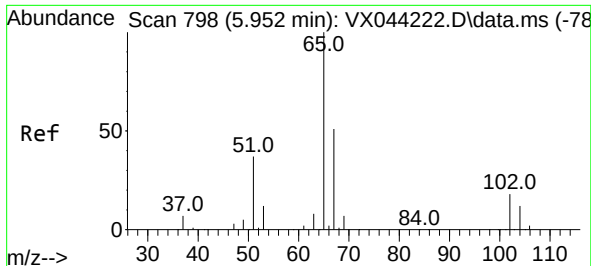
Tgt Ion: 56 Resp: 134608  
Ion Ratio Lower Upper  
56 100  
69 32.3 24.7 37.1  
84 86.7 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 51.164 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 97 Resp: 155855  
Ion Ratio Lower Upper  
97 100  
99 65.1 50.8 76.2  
61 44.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.559 ug/l

RT: 5.940 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

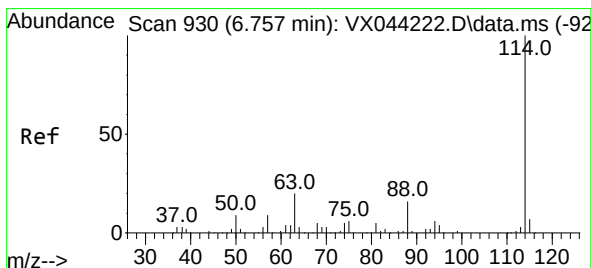
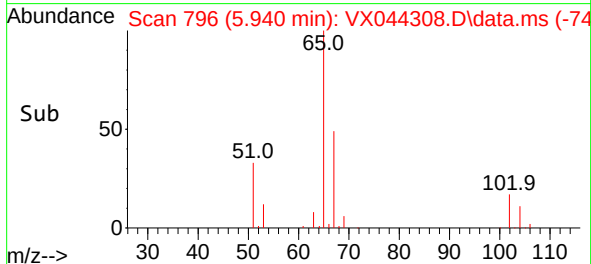
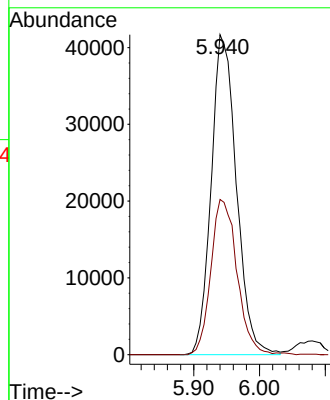
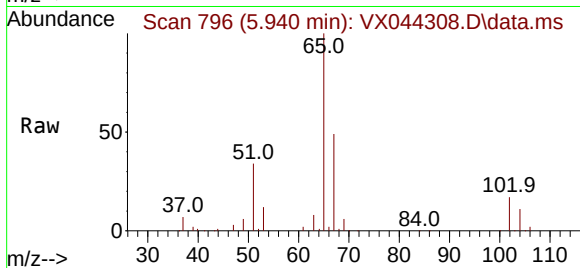
ClientSampleId :

Tgt Ion: 65 Resp: 111334

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

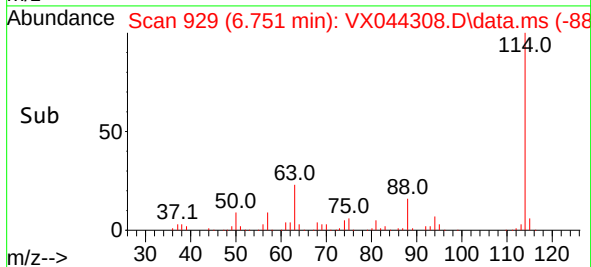
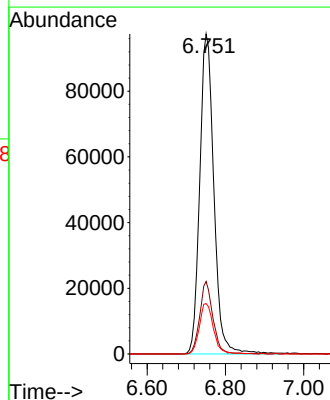
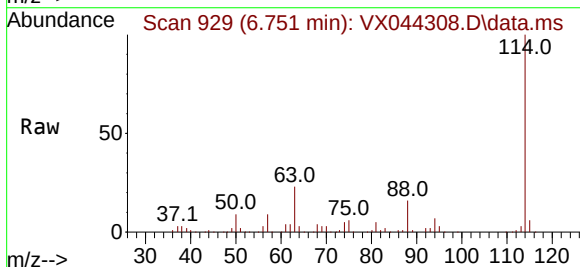
Tgt Ion: 114 Resp: 244474

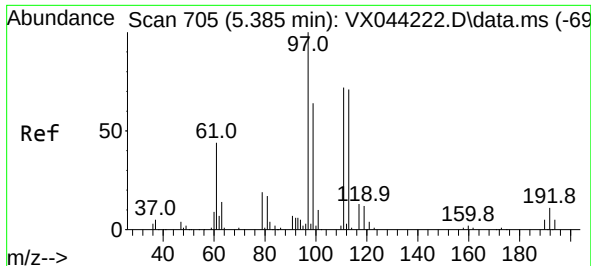
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.6

88 15.7 0.0 31.8

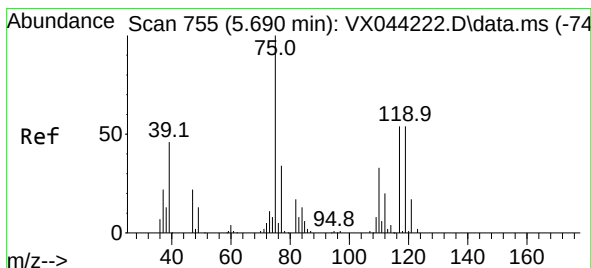
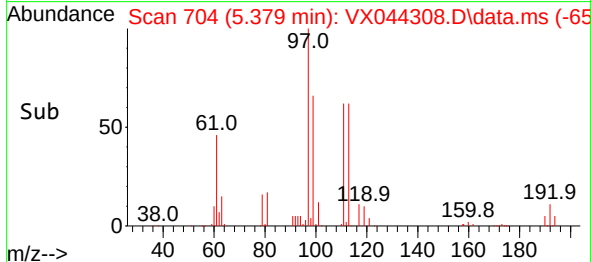
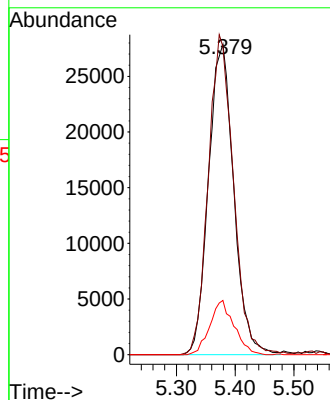
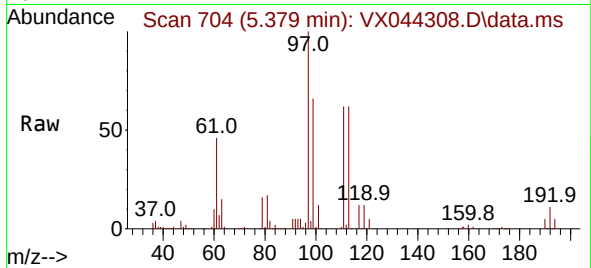




#35  
Dibromofluoromethane  
Concen: 49.272 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

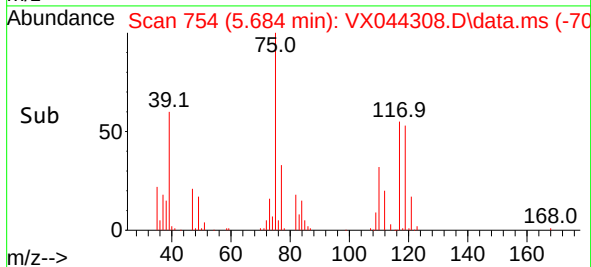
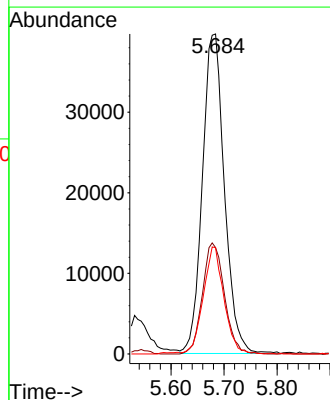
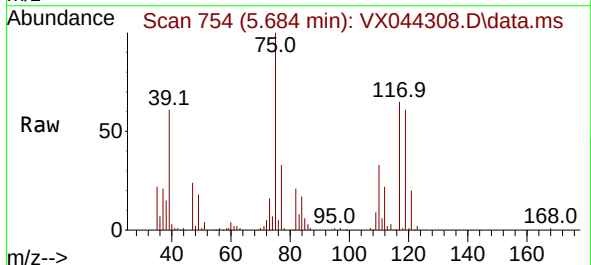
Instrument :  
MSVOA\_X  
ClientSampleId :

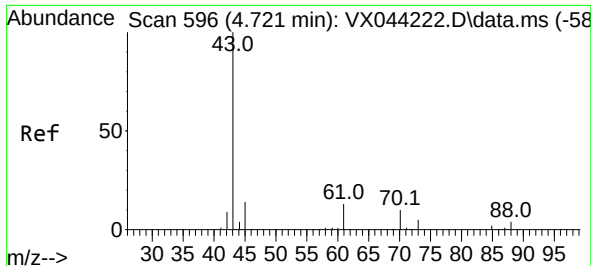
Tgt Ion:113 Resp: 83428  
Ion Ratio Lower Upper  
113 100  
111 102.4 80.4 120.6  
192 16.7 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 52.277 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

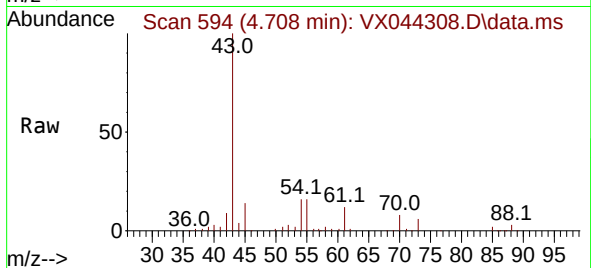
Tgt Ion: 75 Resp: 114418  
Ion Ratio Lower Upper  
75 100  
110 34.6 17.3 51.7  
77 31.8 25.4 38.0



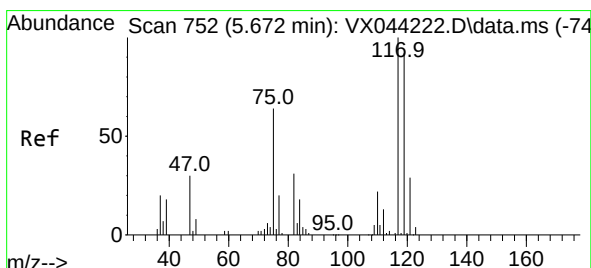
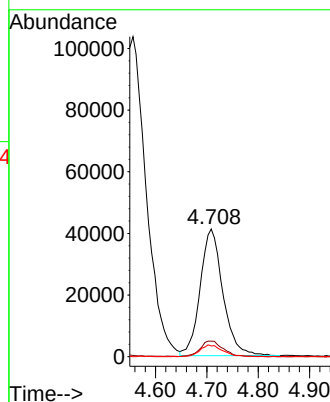
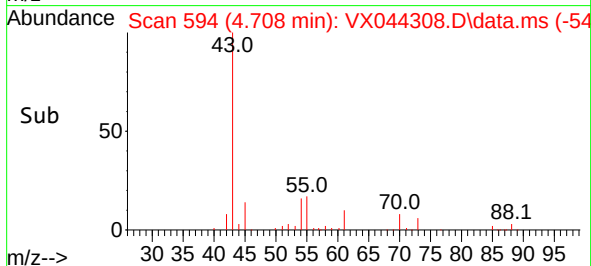


#37  
Ethyl Acetate  
Concen: 46.682 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :

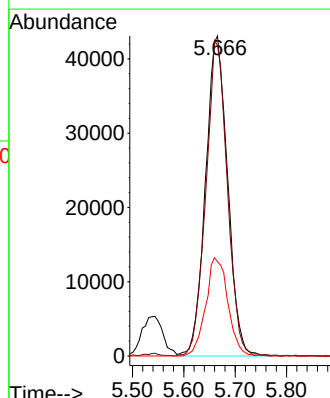
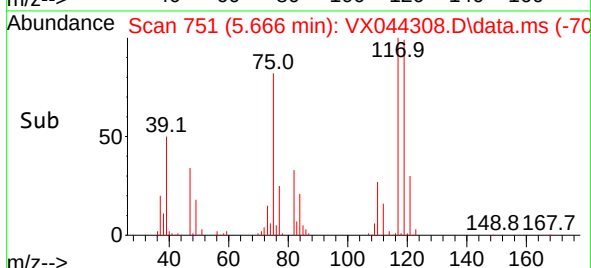
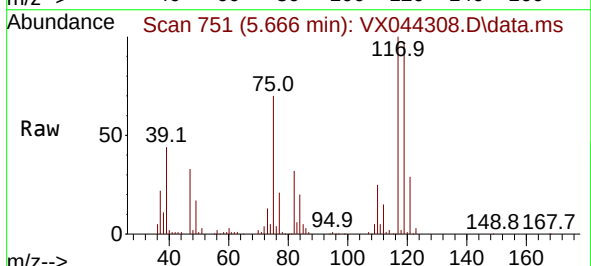


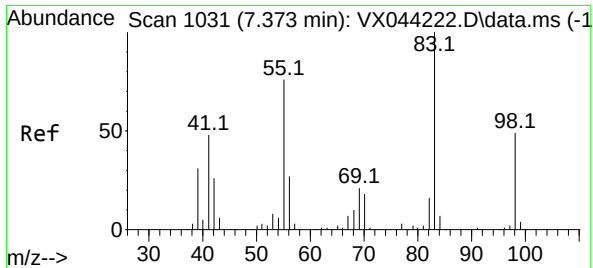
Tgt Ion: 43 Resp: 126299  
Ion Ratio Lower Upper  
43 100  
61 12.6 9.8 14.8  
70 9.3 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 54.561 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 117 Resp: 128566  
Ion Ratio Lower Upper  
117 100  
119 97.0 74.2 111.4  
121 29.4 23.0 34.6

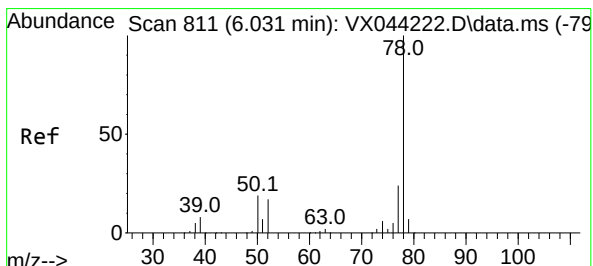
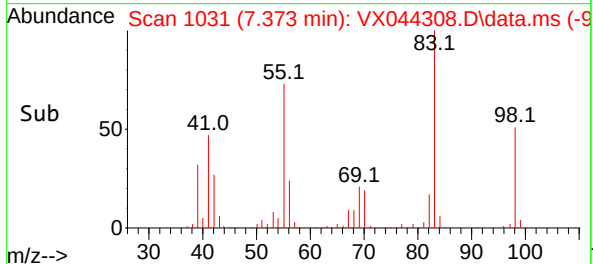
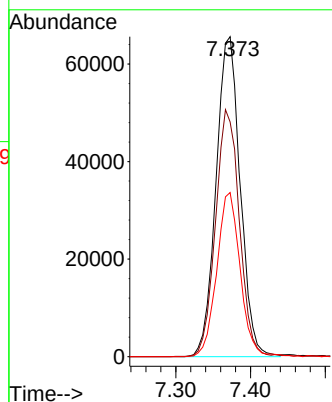
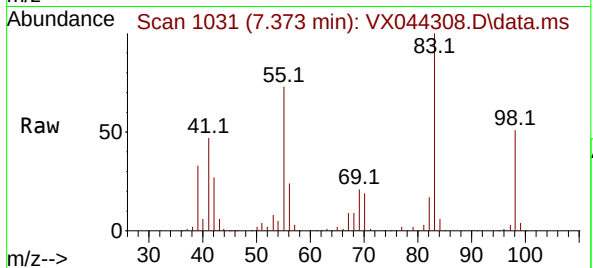




#39  
Methylcyclohexane  
Concen: 56.416 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

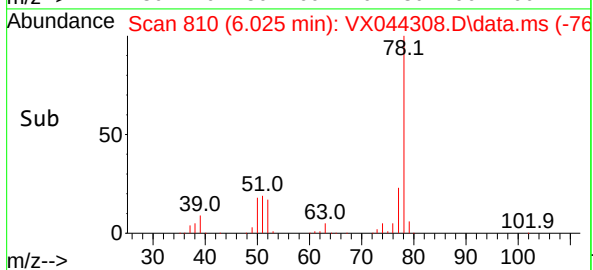
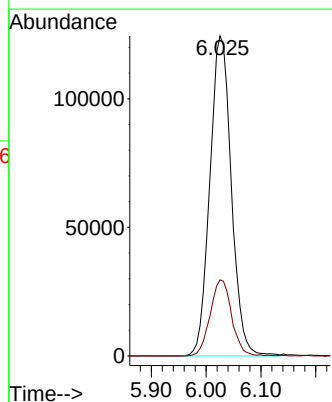
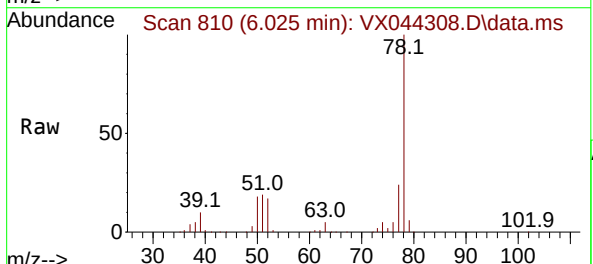
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 147614  
Ion Ratio Lower Upper  
83 100  
55 73.3 60.7 91.1  
98 51.3 38.9 58.3

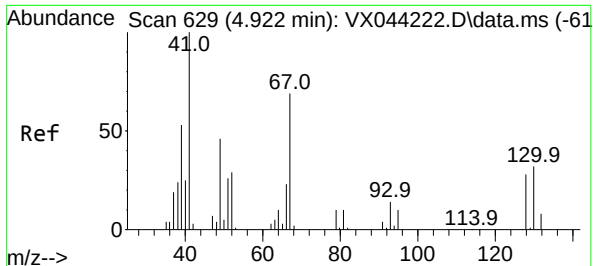


#40  
Benzene  
Concen: 50.929 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 78 Resp: 338436  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9

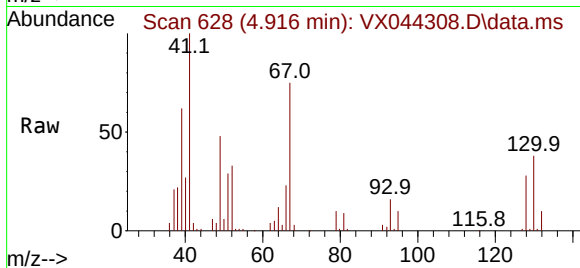




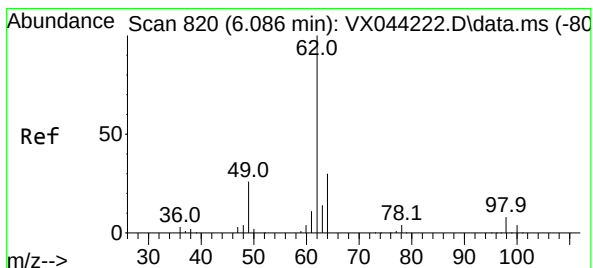
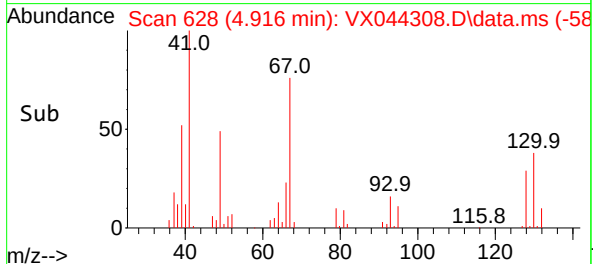
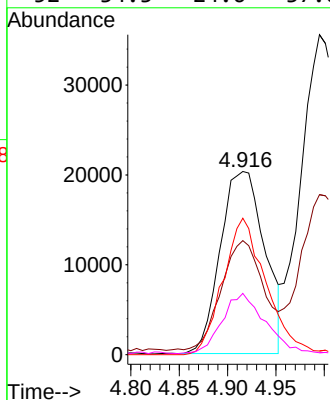


#41  
Methacrylonitrile  
Concen: 45.074 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :

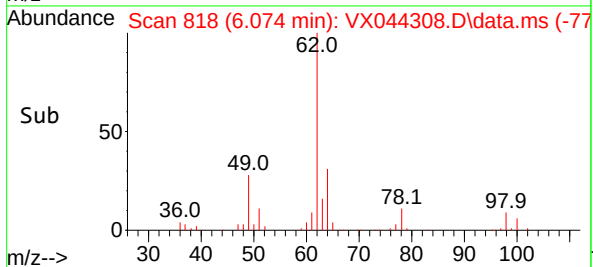
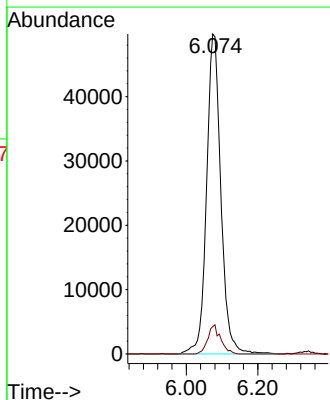
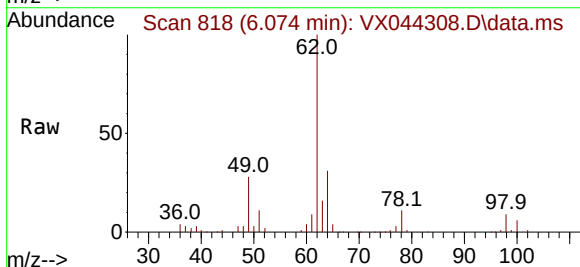


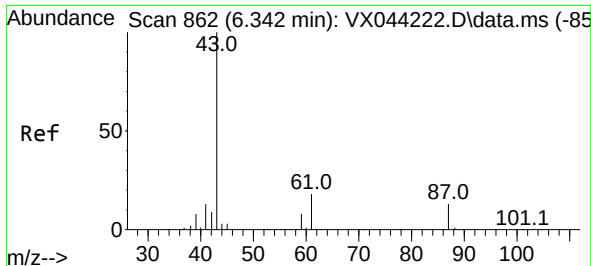
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 64755 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.7  | 44.2  | 66.4  |
| 67       | 73.3  | 57.2  | 85.8  |
| 52       | 34.3  | 24.6  | 37.0  |



#42  
1,2-Dichloroethane  
Concen: 50.351 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 137831 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.2   | 0.0   | 15.8   |





#43

Isopropyl Acetate

Concen: 48.097 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

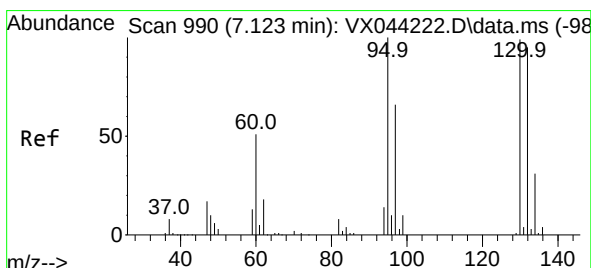
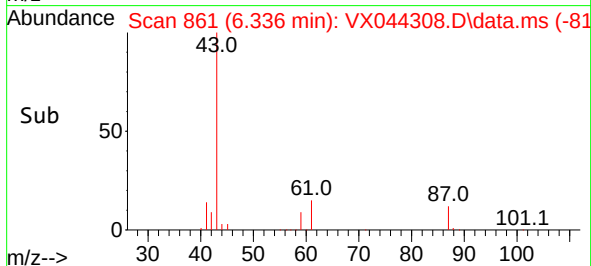
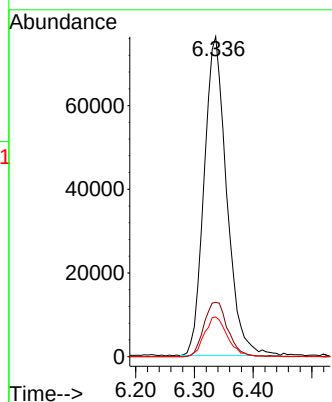
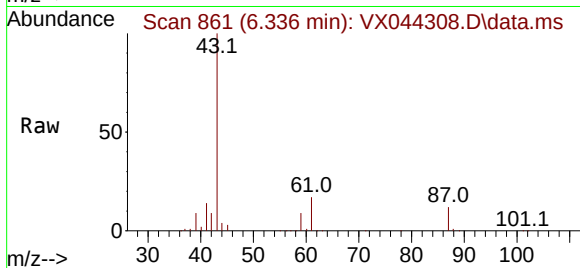
Tgt Ion: 43 Resp: 203384

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.2

87 12.8 10.2 15.2



#44

Trichloroethene

Concen: 51.122 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX044308.D

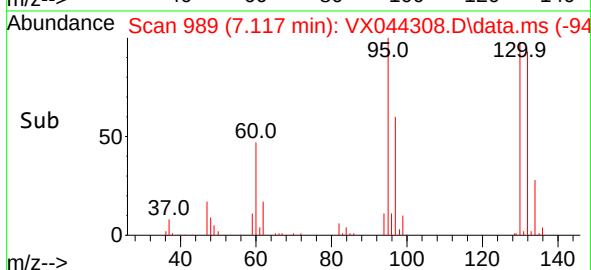
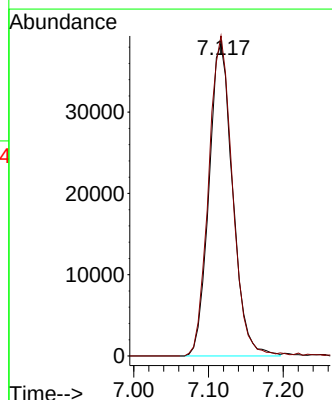
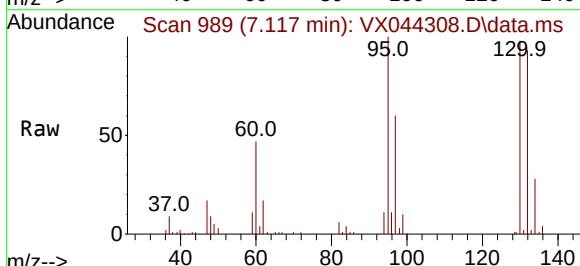
Acq: 16 Dec 2024 08:58

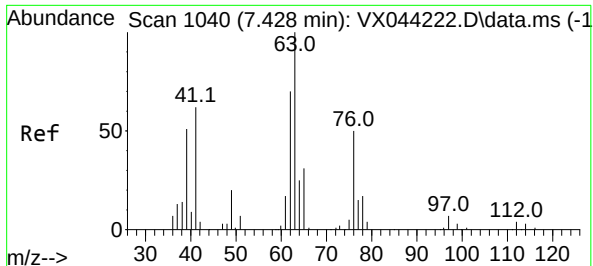
Tgt Ion:130 Resp: 84716

Ion Ratio Lower Upper

130 100

95 102.5 0.0 201.4





#45

1,2-Dichloropropane

Concen: 48.912 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

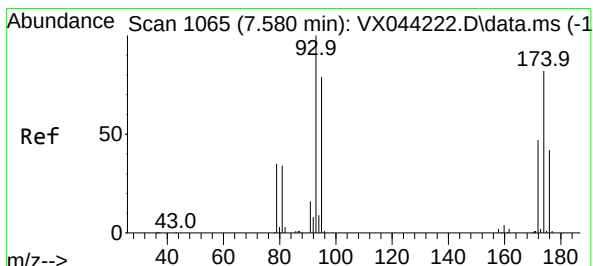
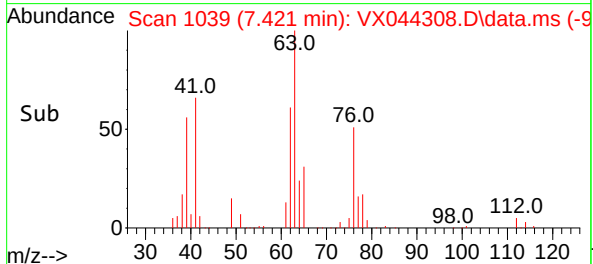
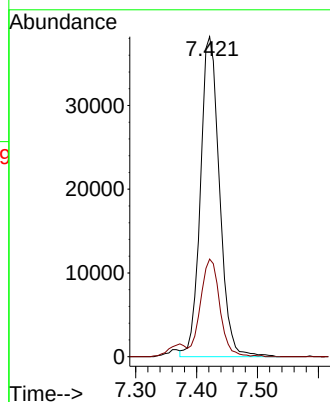
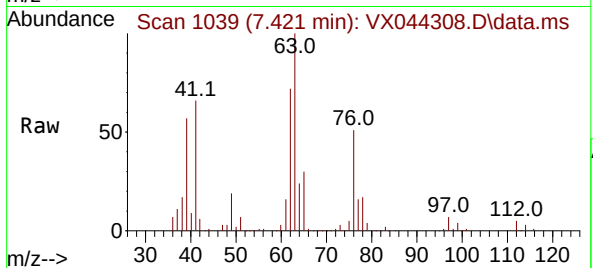
ClientSampleId :

Tgt Ion: 63 Resp: 83040

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 50.650 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

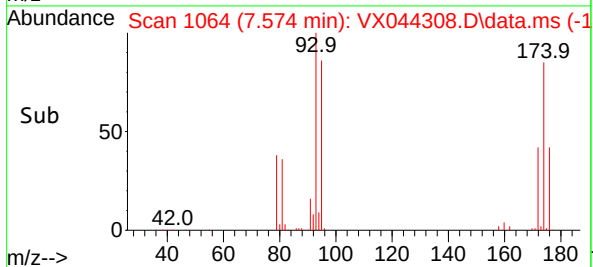
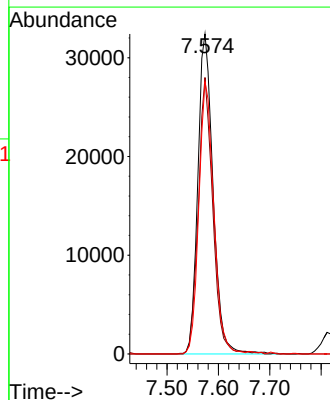
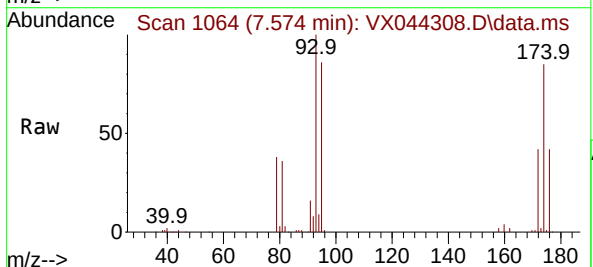
Tgt Ion: 93 Resp: 66712

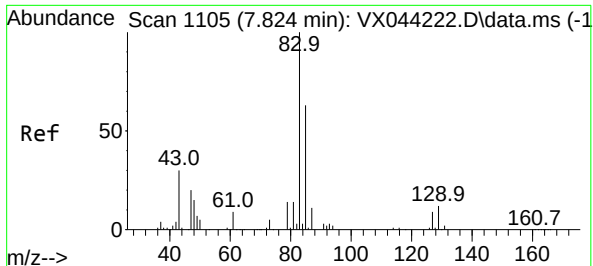
Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.2

174 83.4 67.9 101.9

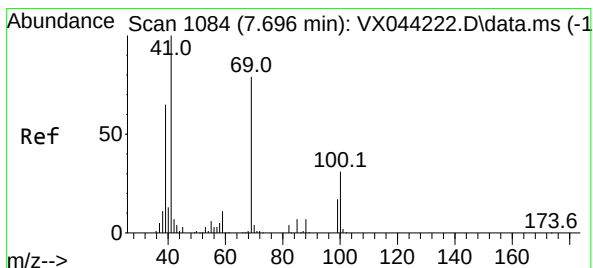
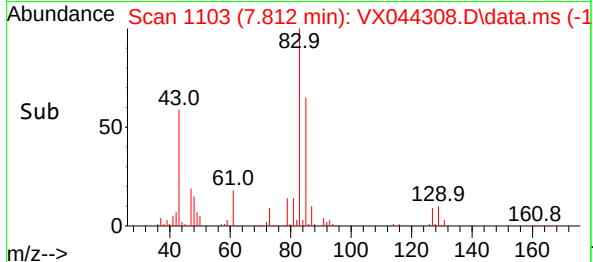
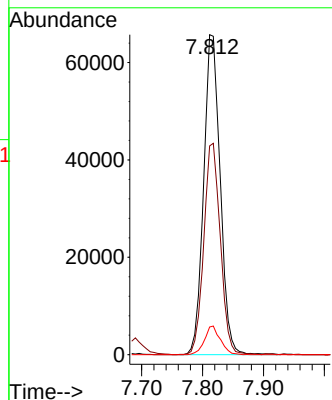
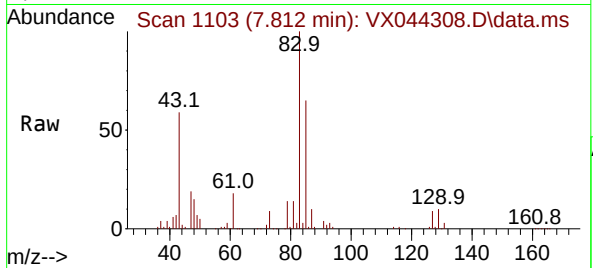




#47  
Bromodichloromethane  
Concen: 54.622 ug/l  
RT: 7.812 min Scan# 1103  
Delta R.T. -0.012 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

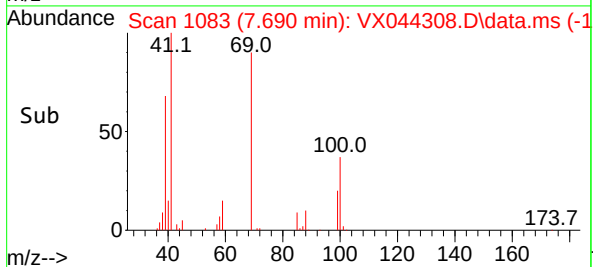
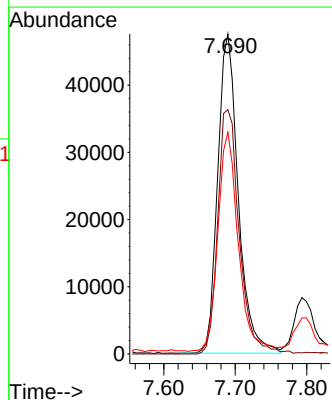
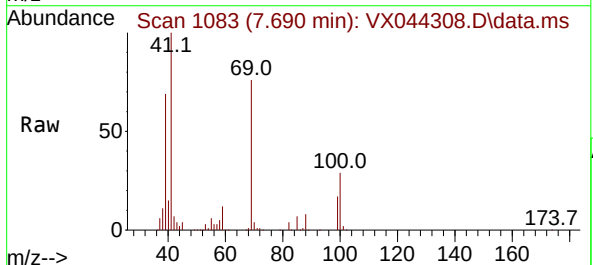
Instrument :  
MSVOA\_X  
ClientSampleId :

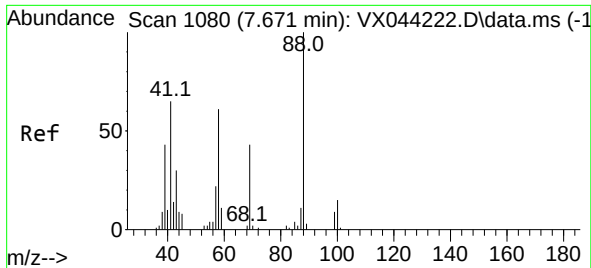
Tgt Ion: 83 Resp: 124250  
Ion Ratio Lower Upper  
83 100  
85 65.1 50.6 75.8  
127 8.7 7.3 10.9



#48  
Methyl methacrylate  
Concen: 46.192 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 41 Resp: 94819  
Ion Ratio Lower Upper  
41 100  
69 80.2 62.4 93.6  
39 68.0 53.3 79.9

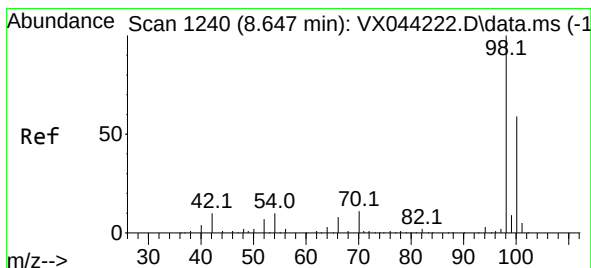
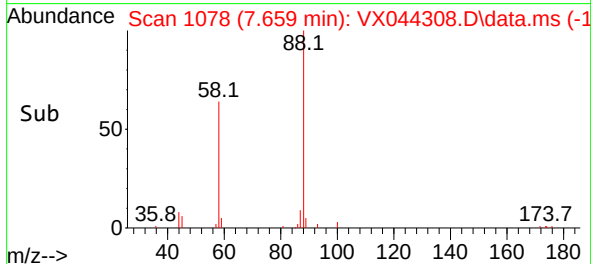
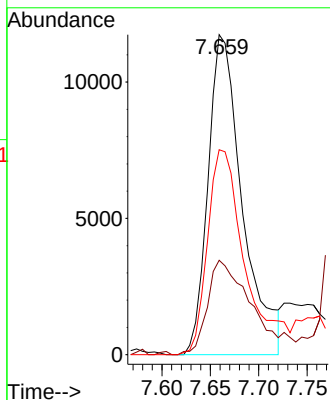
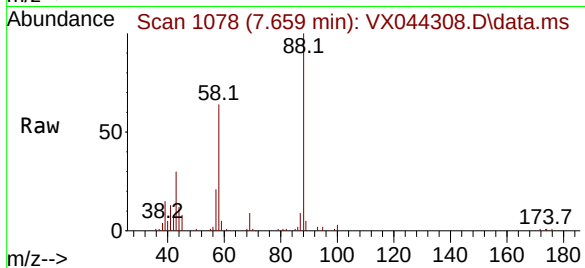




#49  
 1,4-Dioxane  
 Concen: 851.260 ug/l  
 RT: 7.659 min Scan# 1080  
 Delta R.T. -0.012 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

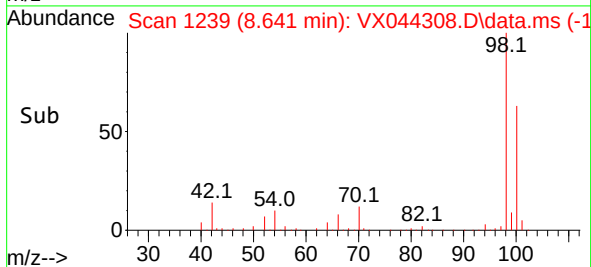
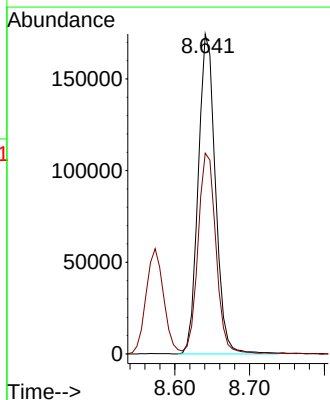
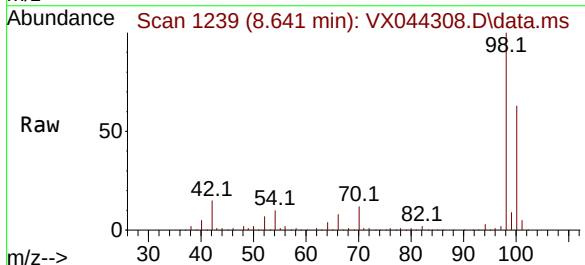
Instrument :  
 MSVOA\_X  
 ClientSampleId :

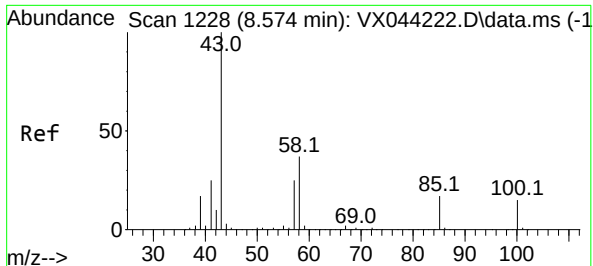
Tgt Ion: 88 Resp: 28971  
 Ion Ratio Lower Upper  
 88 100  
 43 38.5 27.1 40.7  
 58 70.1 41.0 61.4#



#50  
 Toluene-d8  
 Concen: 48.887 ug/l  
 RT: 8.641 min Scan# 1239  
 Delta R.T. -0.006 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

Tgt Ion: 98 Resp: 279261  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.5 77.3

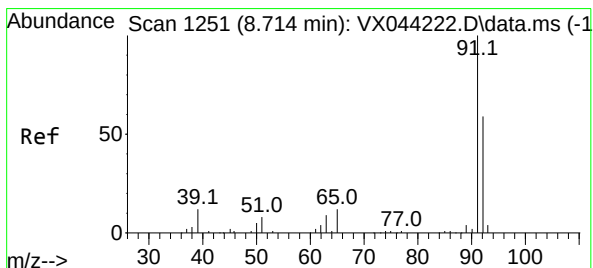
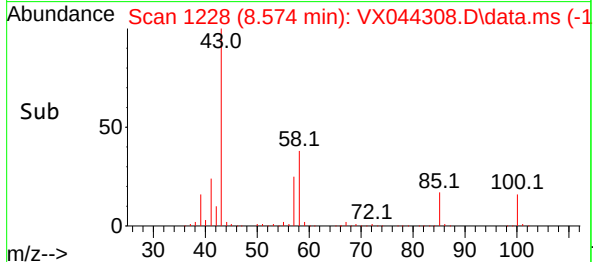
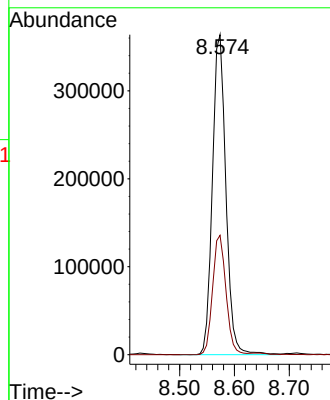
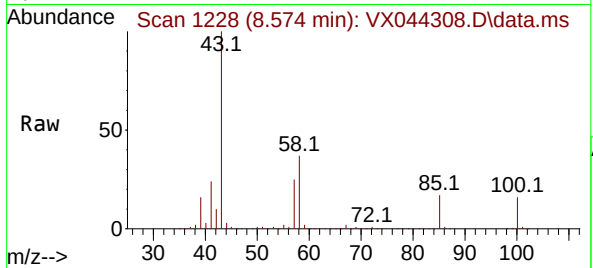




#51  
4-Methyl-2-Pentanone  
Concen: 227.351 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

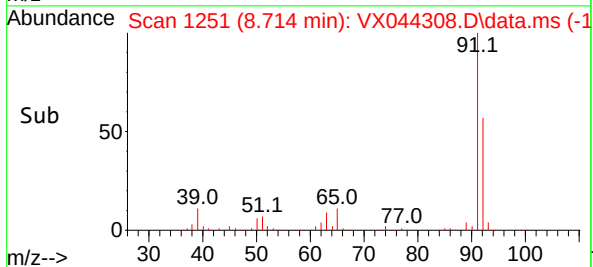
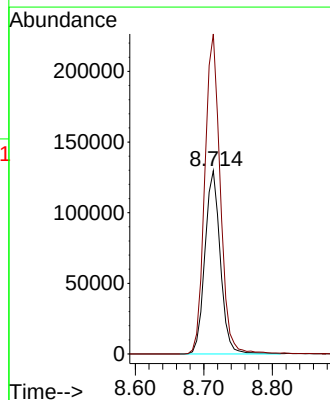
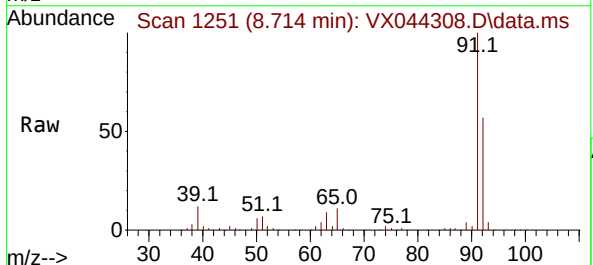
Instrument :  
MSVOA\_X  
ClientSampleId :

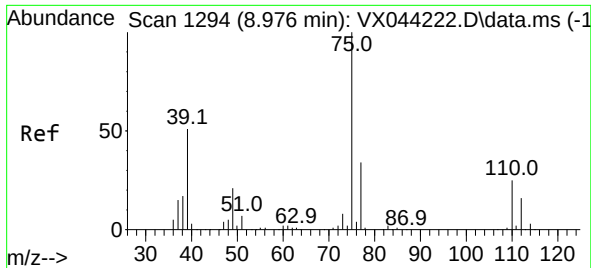
Tgt Ion: 43 Resp: 618153  
Ion Ratio Lower Upper  
43 100  
58 37.1 29.4 44.0



#52  
Toluene  
Concen: 48.652 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 92 Resp: 203030  
Ion Ratio Lower Upper  
92 100  
91 175.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 50.878 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

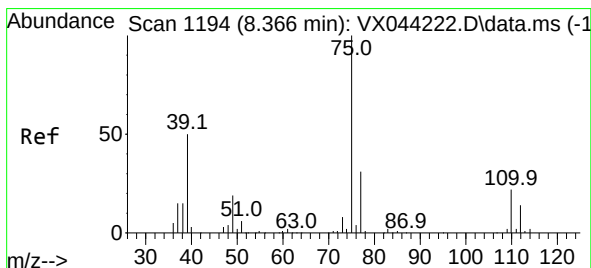
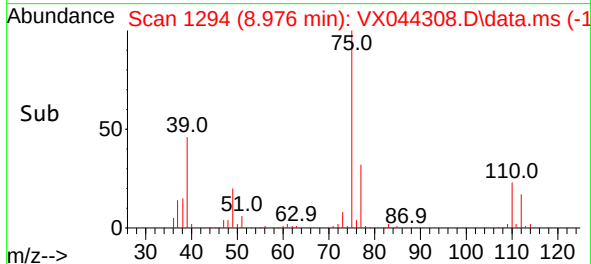
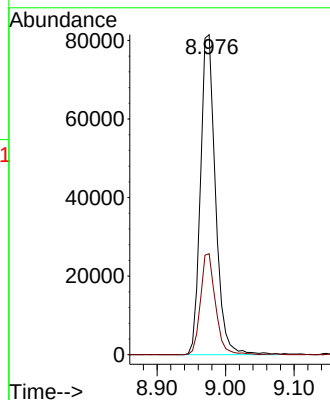
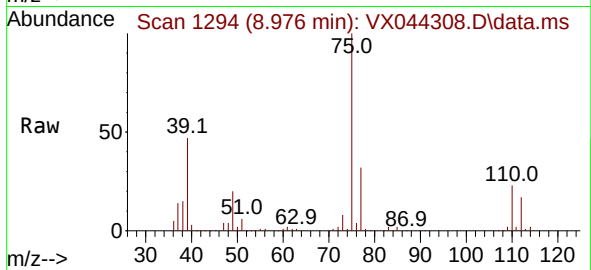
ClientSampleId :

Tgt Ion: 75 Resp: 124383

Ion Ratio Lower Upper

75 100

77 31.6 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 54.308 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

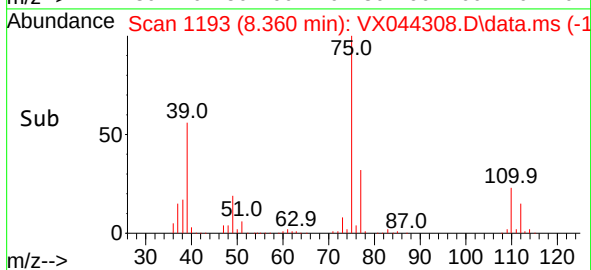
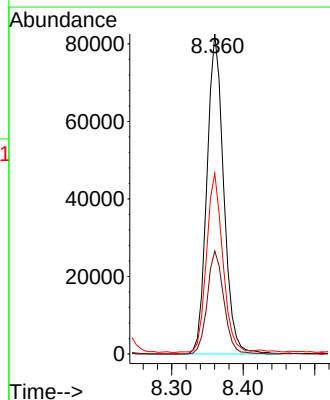
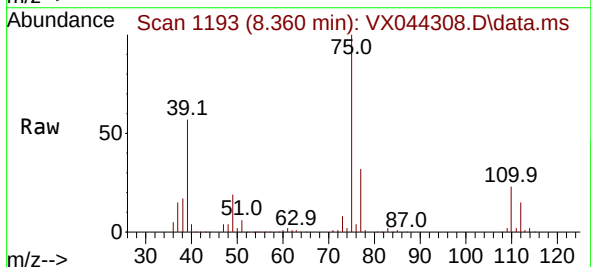
Tgt Ion: 75 Resp: 134510

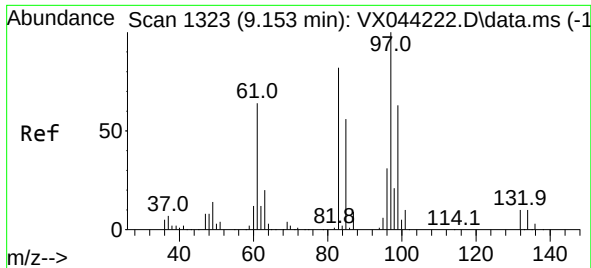
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 55.8 40.3 60.5

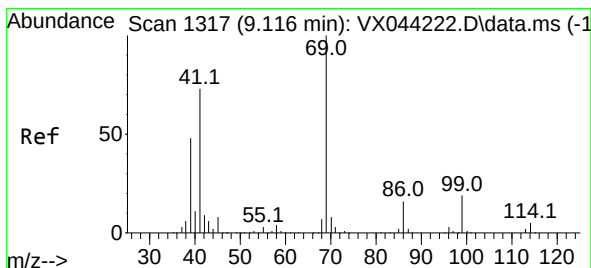
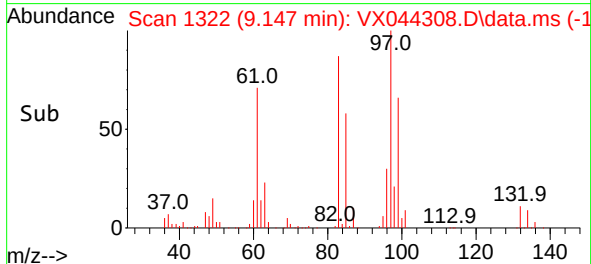
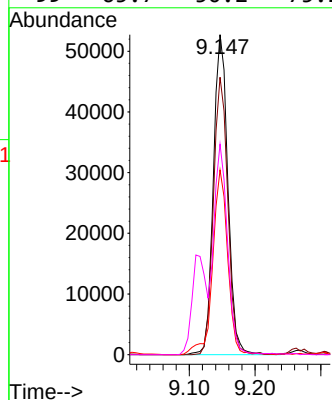
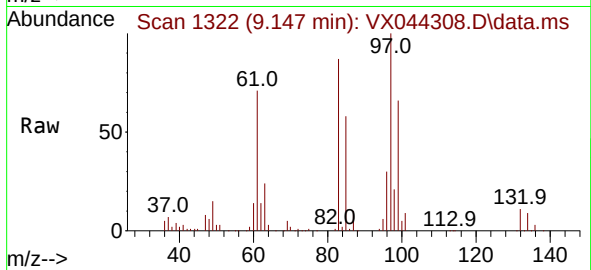




#55  
 1,1,2-Trichloroethane  
 Concen: 48.968 ug/l  
 RT: 9.147 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

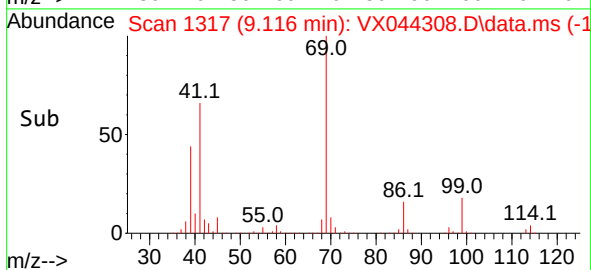
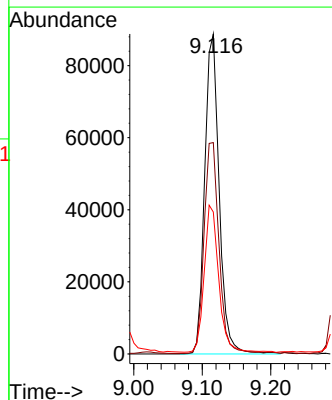
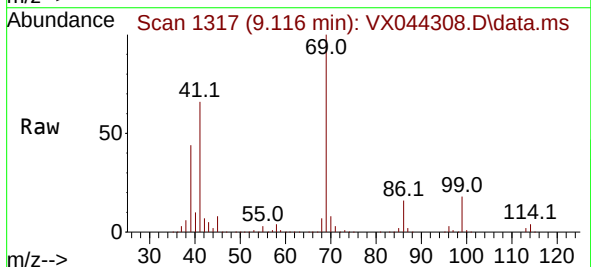
Instrument :  
 MSVOA\_X  
 ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 81180 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.7     | 65.3 97.9   |
| 85 57.8     | 44.6 67.0   |
| 99 65.7     | 50.2 75.2   |

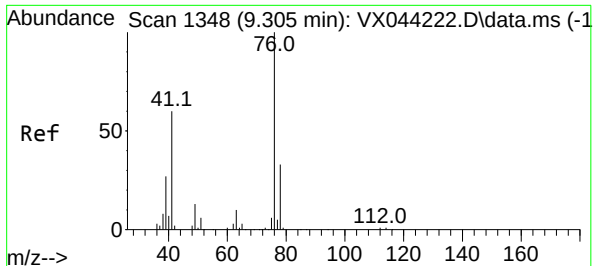


#56  
 Ethyl methacrylate  
 Concen: 50.067 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 131035 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 67.9     | 56.6 85.0    |
| 39 45.9     | 37.4 56.0    |







#57

1,3-Dichloropropane

Concen: 48.717 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

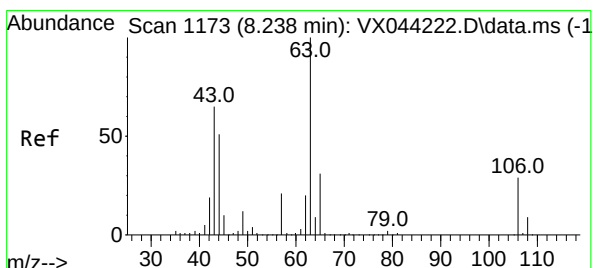
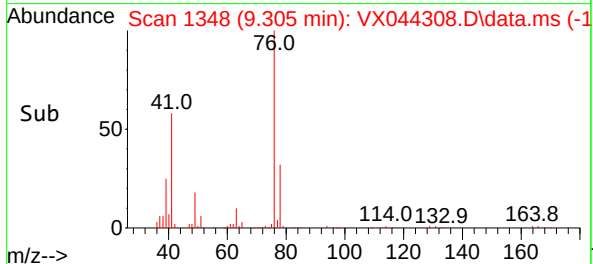
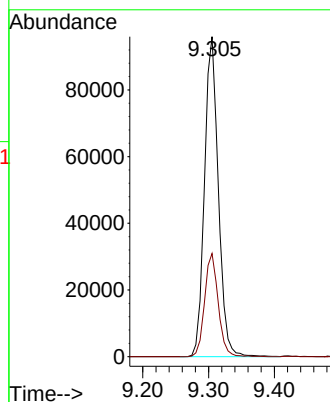
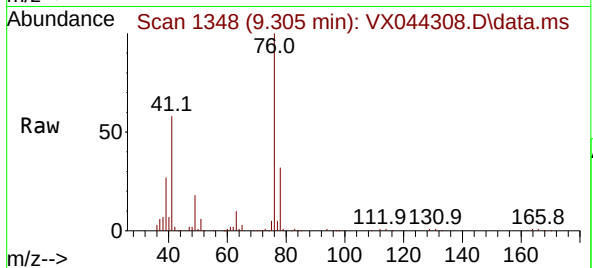
ClientSampleId :

Tgt Ion: 76 Resp: 140579

Ion Ratio Lower Upper

76 100

78 31.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 244.075 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044308.D

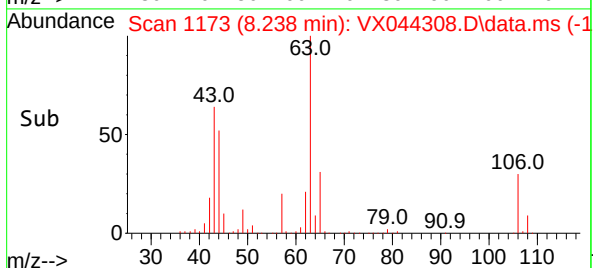
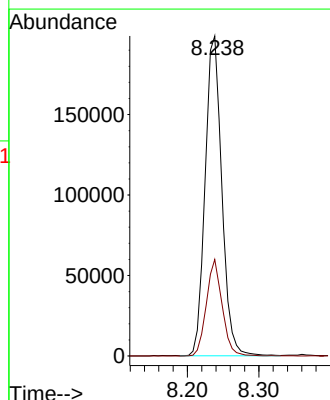
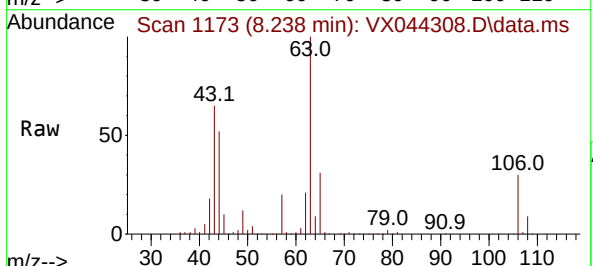
Acq: 16 Dec 2024 08:58

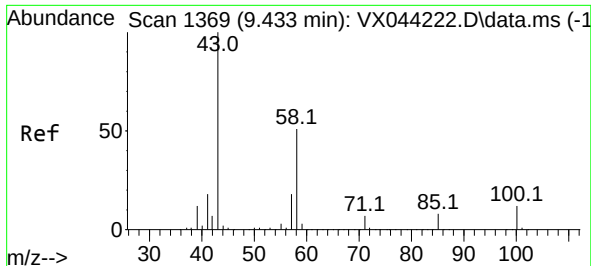
Tgt Ion: 63 Resp: 322186

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2

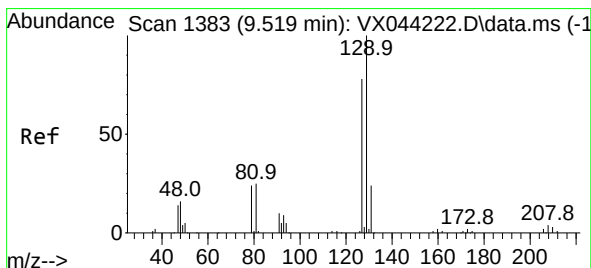
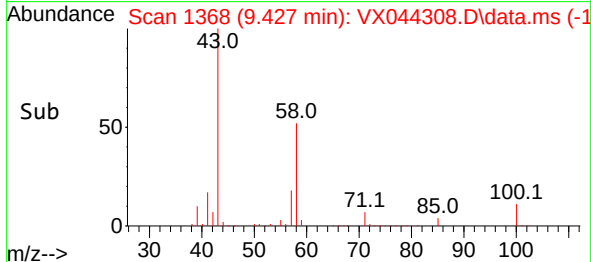
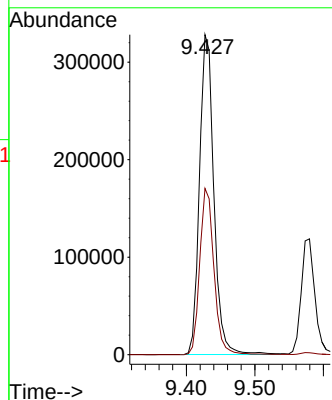
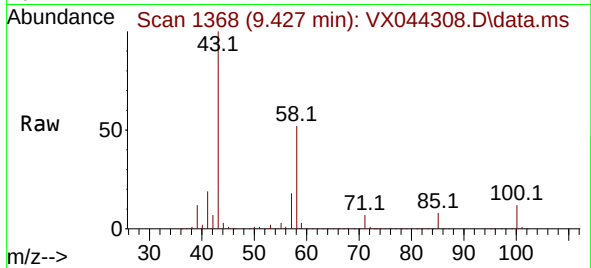




#59  
2-Hexanone  
Concen: 243.957 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

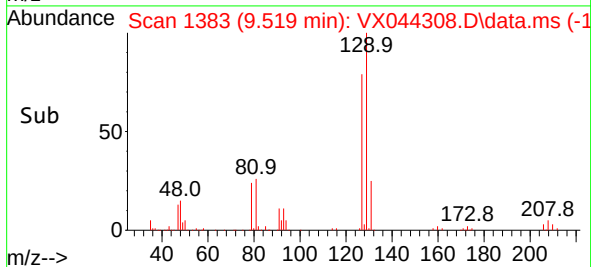
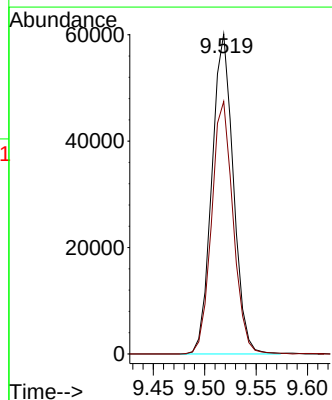
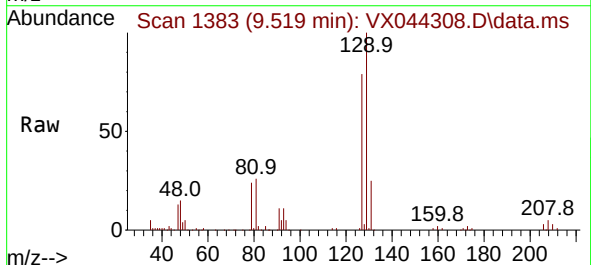
Instrument :  
MSVOA\_X  
ClientSampleId :

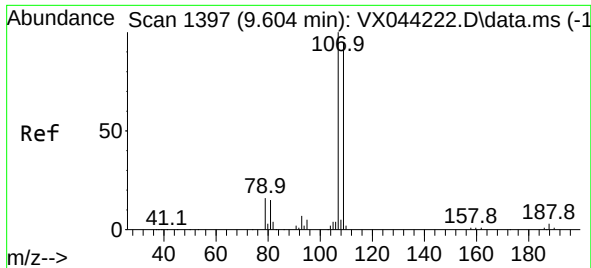
Tgt Ion: 43 Resp: 480115  
Ion Ratio Lower Upper  
43 100  
58 51.5 25.7 77.0



#60  
Dibromochloromethane  
Concen: 49.756 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion:129 Resp: 87323  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.5 115.3

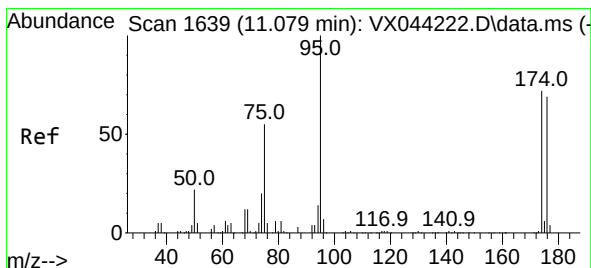
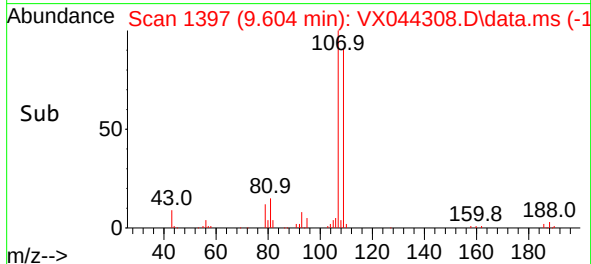
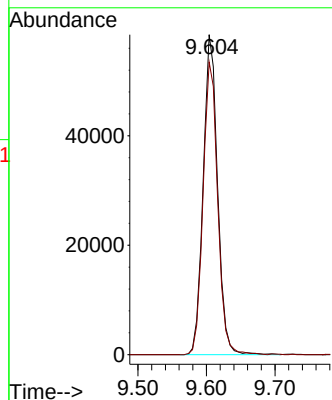
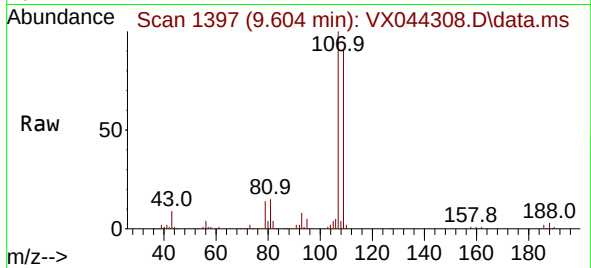




#61  
1,2-Dibromoethane  
Concen: 50.729 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

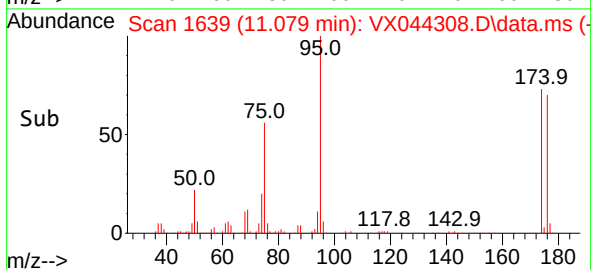
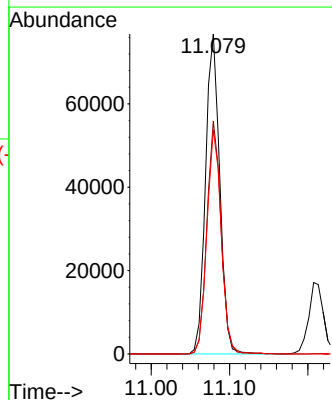
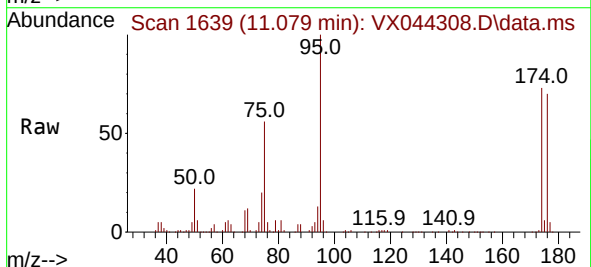
Instrument :  
MSVOA\_X  
ClientSampleId :

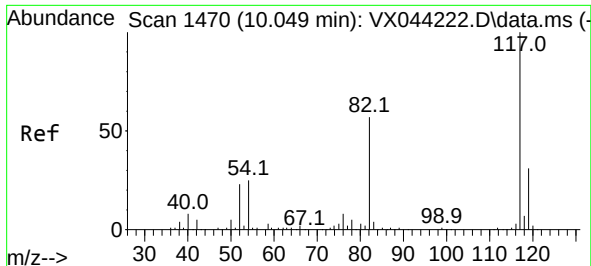
Tgt Ion:107 Resp: 85604  
Ion Ratio Lower Upper  
107 100  
109 92.9 77.0 115.4



#62  
4-Bromofluorobenzene  
Concen: 48.419 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

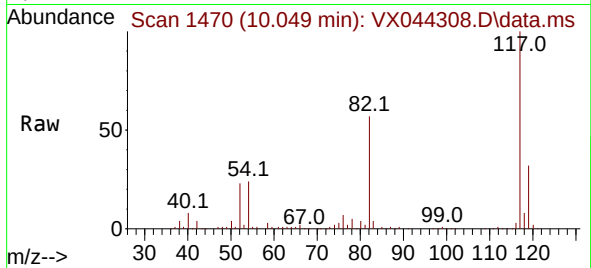
Tgt Ion: 95 Resp: 96647  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 145.8  
176 70.3 0.0 137.8



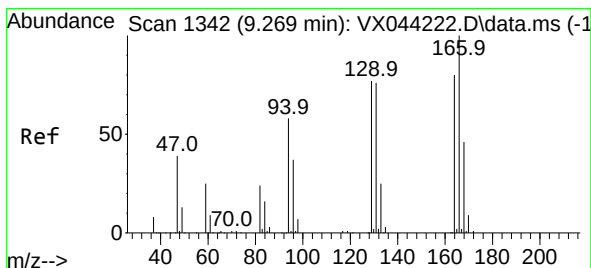
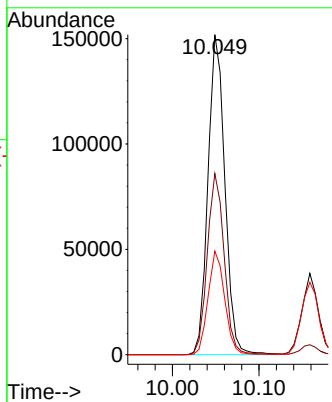
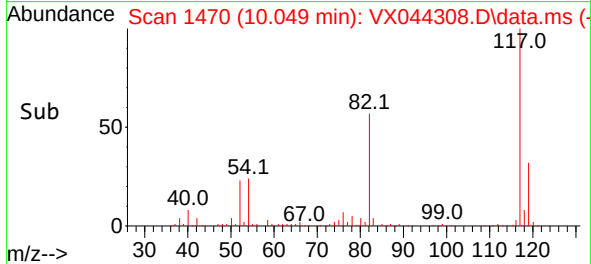


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

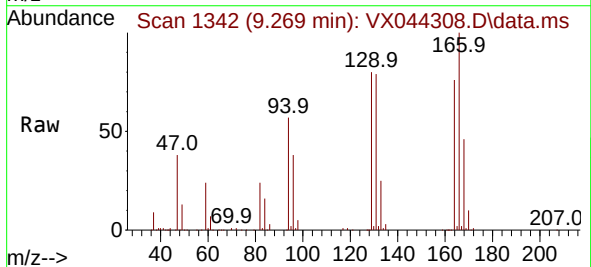
Instrument :  
MSVOA\_X  
ClientSampleId :



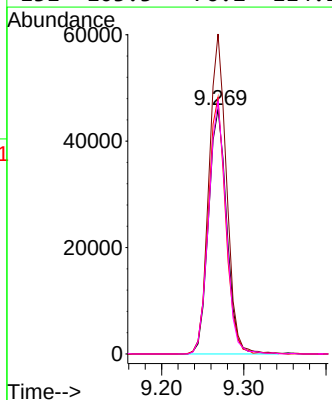
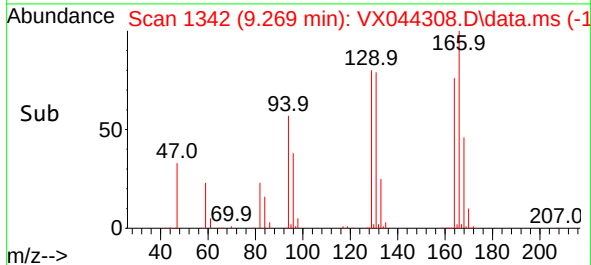
Tgt Ion:117 Resp: 205865  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.8 68.8  
119 32.3 25.0 37.4

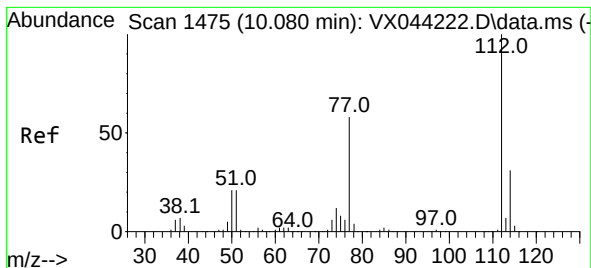


#64  
Tetrachloroethene  
Concen: 51.556 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58



Tgt Ion:164 Resp: 70444  
Ion Ratio Lower Upper  
164 100  
166 130.9 100.4 150.6  
129 105.0 77.2 115.8  
131 103.3 76.2 114.2





#65

Chlorobenzene

Concen: 49.974 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

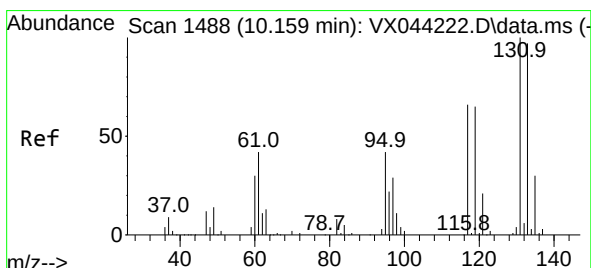
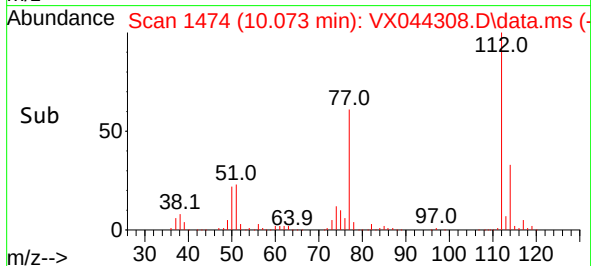
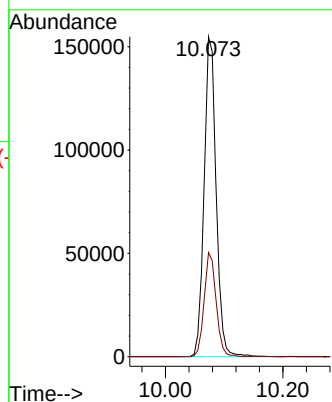
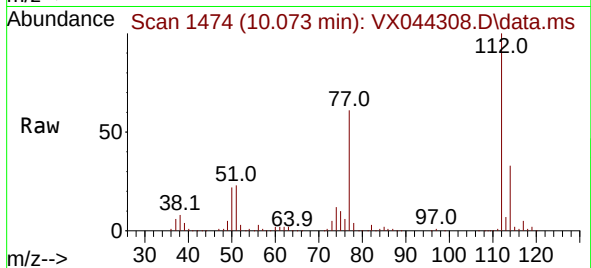
ClientSampleId :

Tgt Ion:112 Resp: 220448

Ion Ratio Lower Upper

112 100

114 32.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.279 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

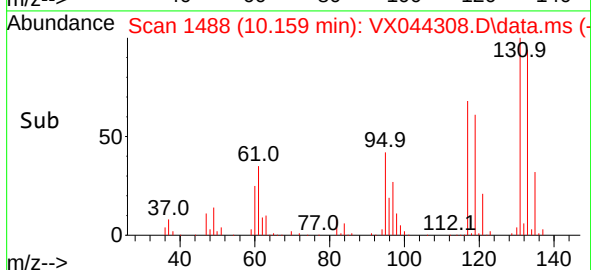
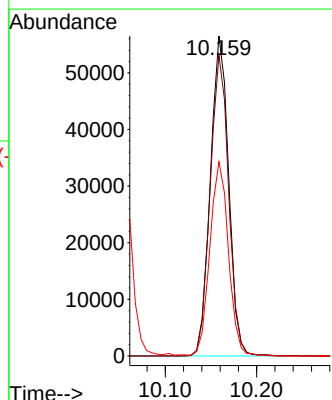
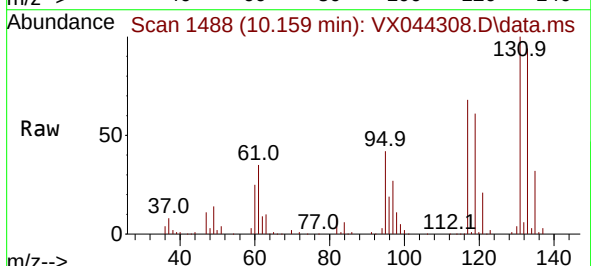
Tgt Ion:131 Resp: 78369

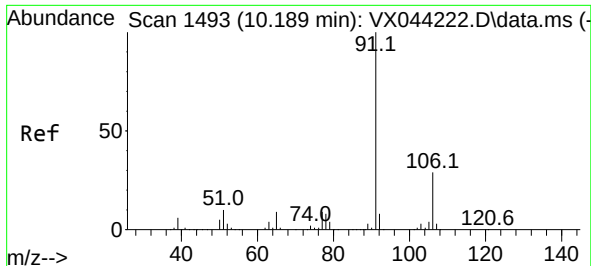
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.8

119 61.6 31.6 95.0





#67

Ethyl Benzene

Concen: 52.007 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

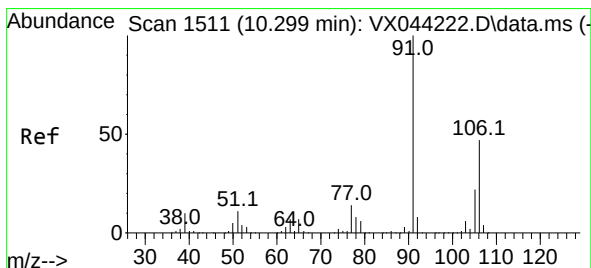
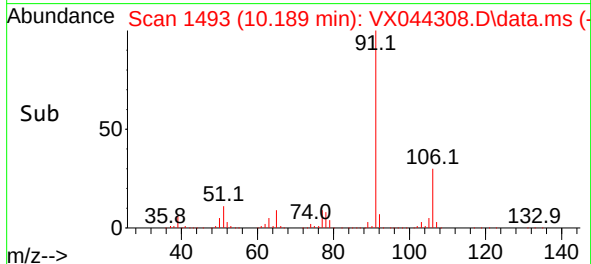
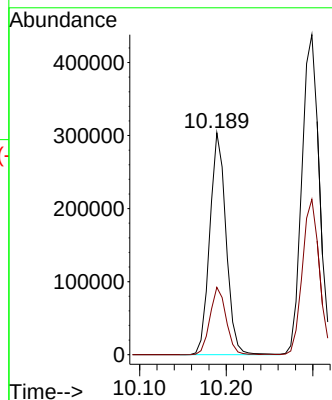
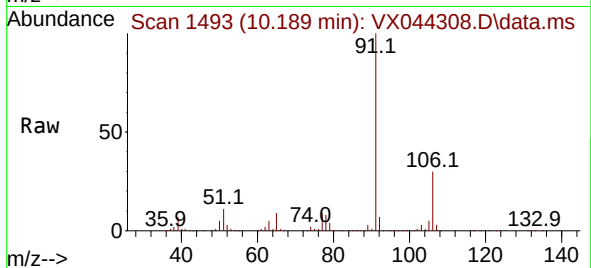
ClientSampleId :

Tgt Ion: 91 Resp: 396393

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3



#68

m/p-Xylenes

Concen: 104.497 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044308.D

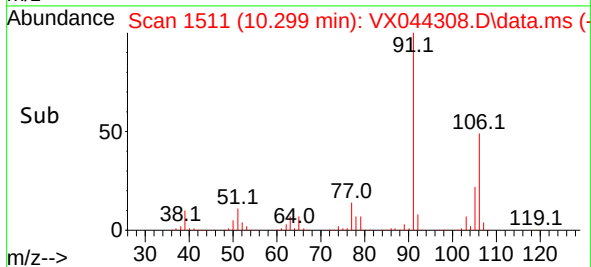
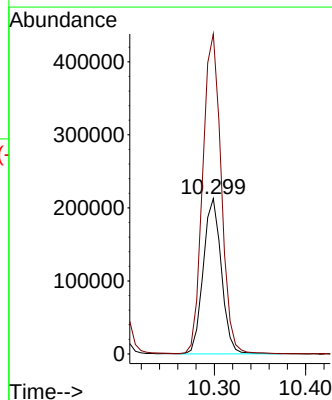
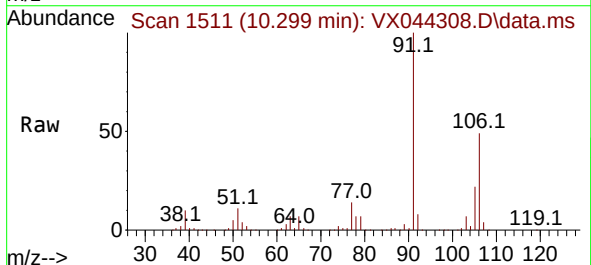
Acq: 16 Dec 2024 08:58

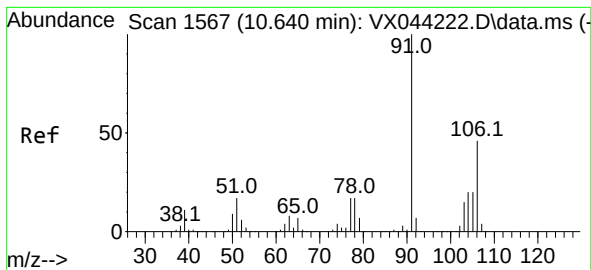
Tgt Ion: 106 Resp: 292255

Ion Ratio Lower Upper

106 100

91 210.2 170.2 255.2





#69

o-Xylene

Concen: 50.106 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

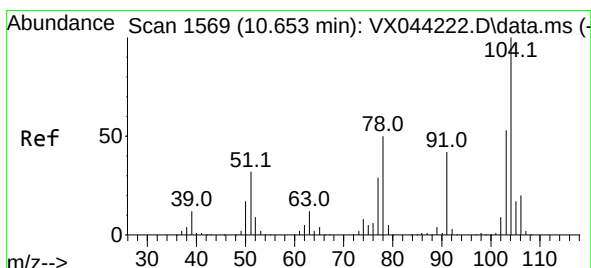
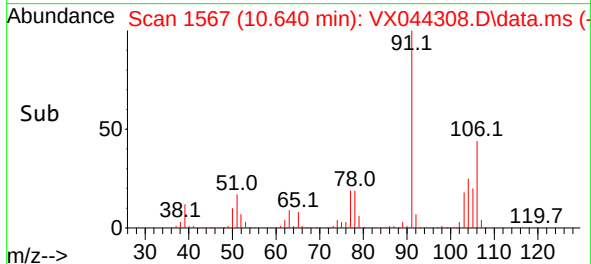
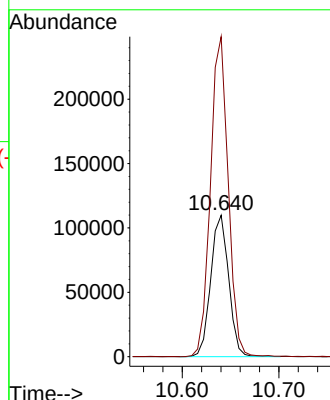
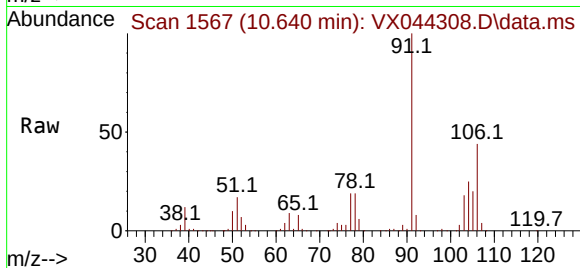
ClientSampleId :

Tgt Ion:106 Resp: 141788

Ion Ratio Lower Upper

106 100

91 224.0 112.3 337.0



#70

Styrene

Concen: 53.374 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

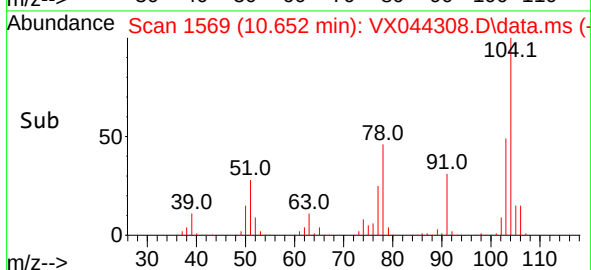
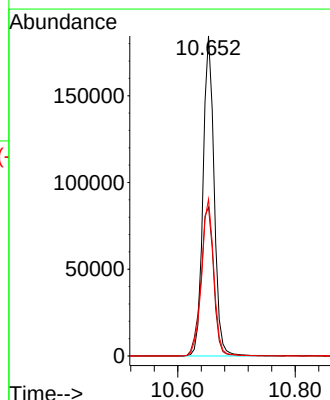
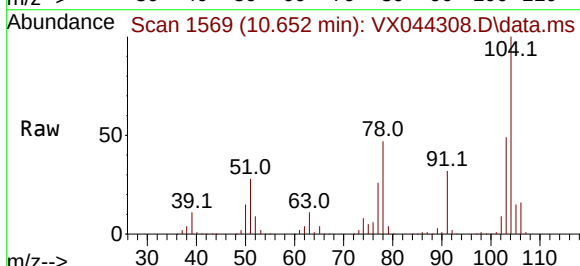
Tgt Ion:104 Resp: 242125

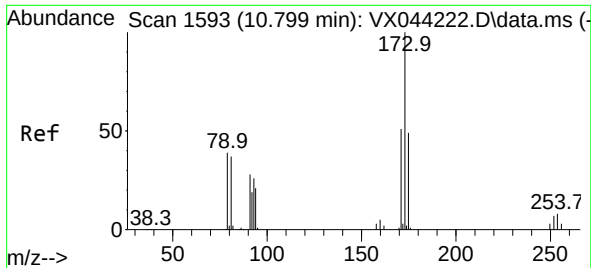
Ion Ratio Lower Upper

104 100

78 53.5 44.6 67.0

103 54.1 45.4 68.0

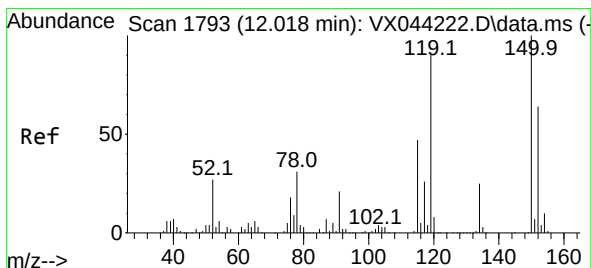
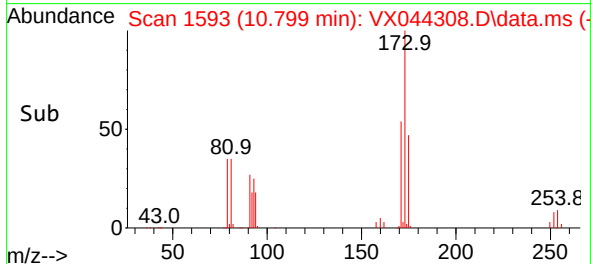
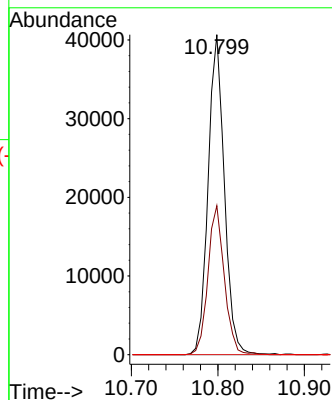
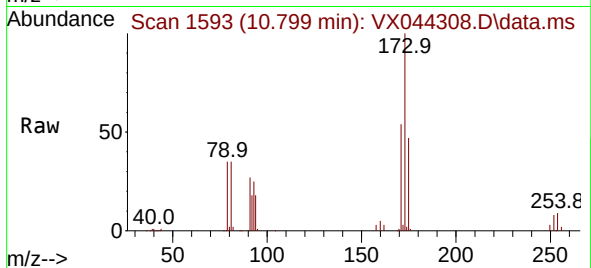




#71  
Bromoform  
Concen: 53.004 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

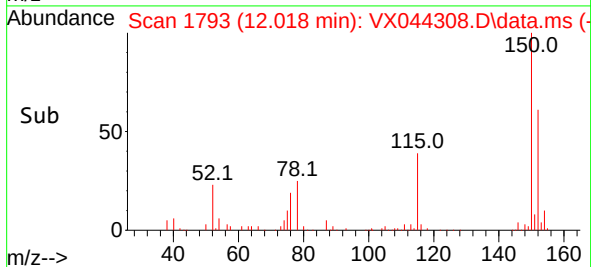
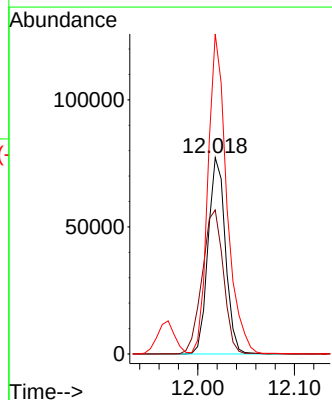
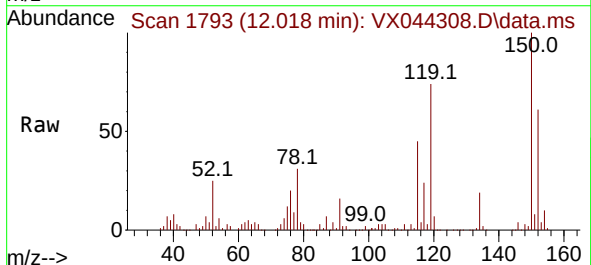
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:173 Resp: 52920  
Ion Ratio Lower Upper  
173 100  
175 47.1 23.8 71.4  
254 0.0 0.0 0.0

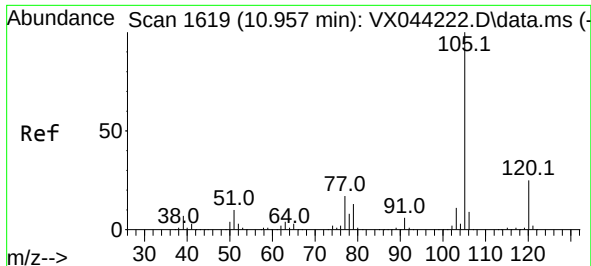


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion:152 Resp: 95969  
Ion Ratio Lower Upper  
152 100  
115 90.1 44.5 133.3  
150 176.8 0.0 353.8



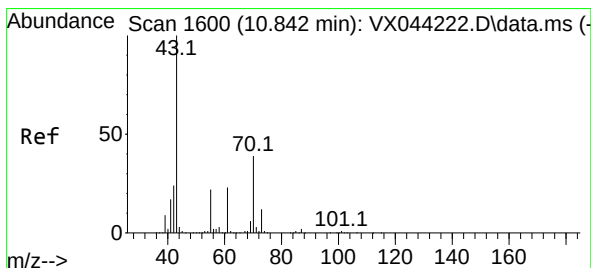
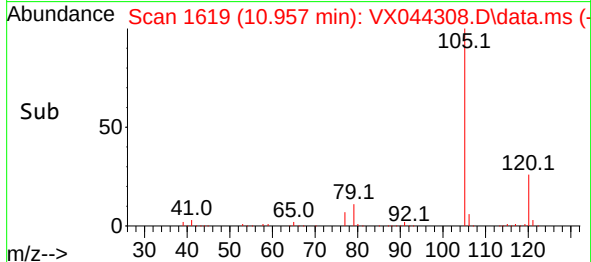
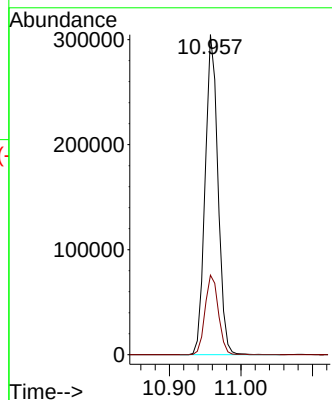
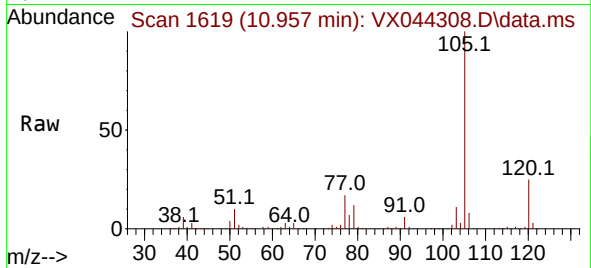




#73  
Isopropylbenzene  
Concen: 51.656 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

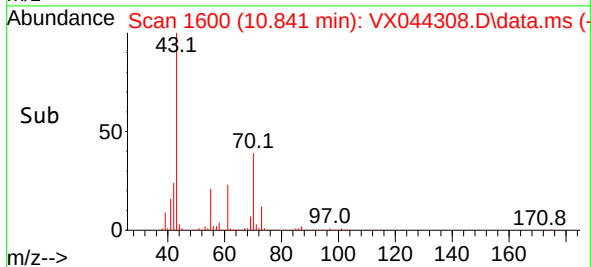
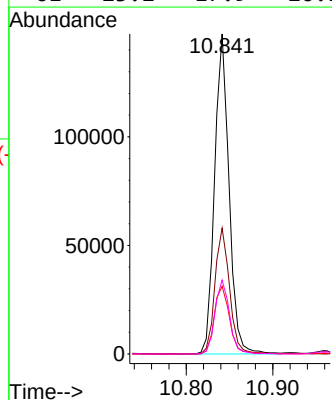
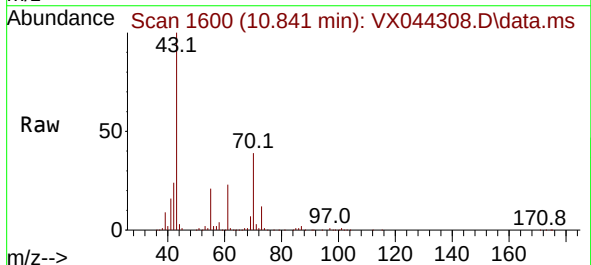
Instrument :  
MSVOA\_X  
ClientSampleId :

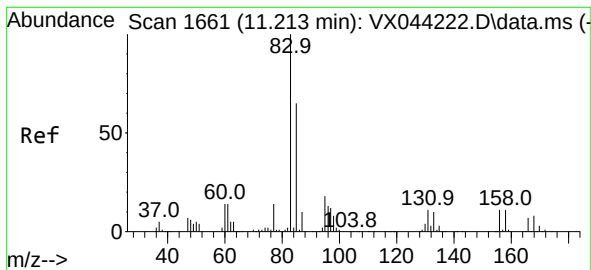
Tgt Ion:105 Resp: 379505  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.3



#74  
N-ethyl acetate  
Concen: 50.260 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 43 Resp: 170652  
Ion Ratio Lower Upper  
43 100  
70 40.0 31.9 47.9  
55 22.6 17.9 26.9  
61 23.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.740 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

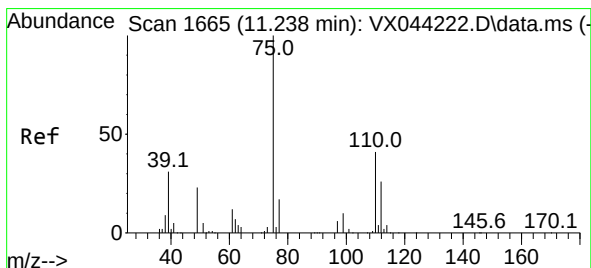
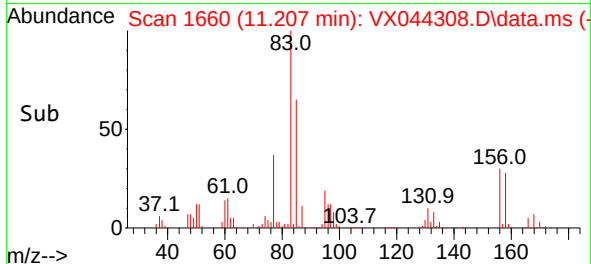
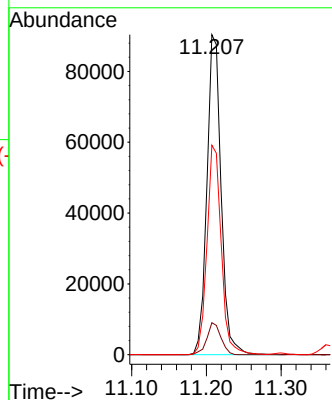
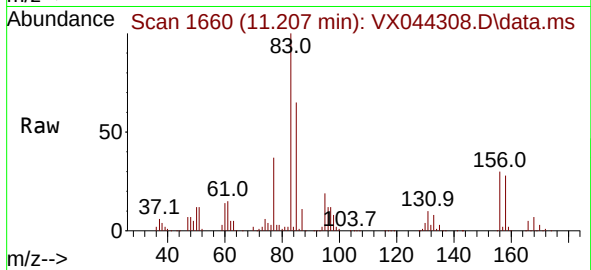
Tgt Ion: 83 Resp: 119271

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 65.7 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 61.054 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044308.D

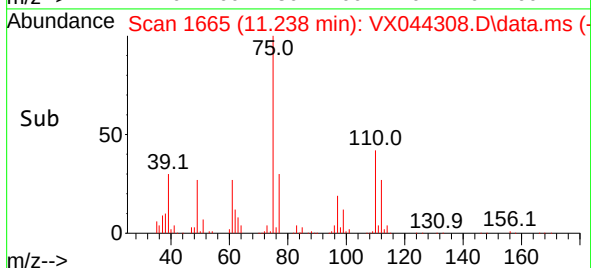
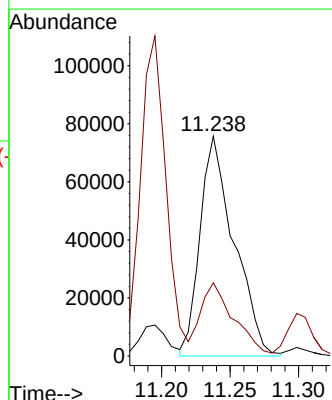
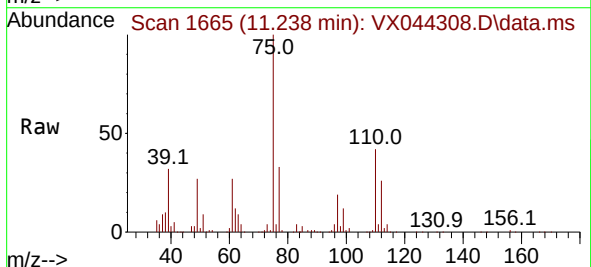
Acq: 16 Dec 2024 08:58

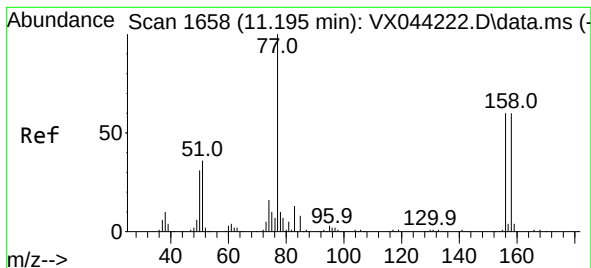
Tgt Ion: 75 Resp: 130823

Ion Ratio Lower Upper

75 100

77 32.4 20.9 62.7





#77

Bromobenzene

Concen: 47.428 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

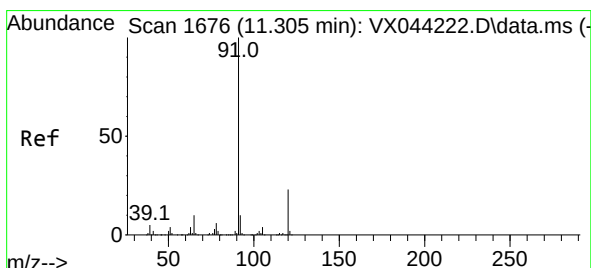
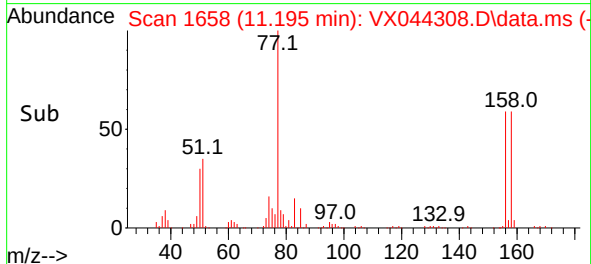
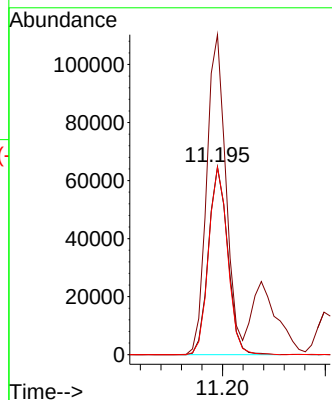
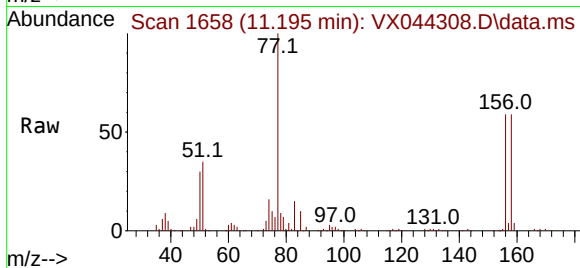
Tgt Ion:156 Resp: 84496

Ion Ratio Lower Upper

156 100

77 169.6 82.6 247.8

158 98.4 48.8 146.4



#78

n-propylbenzene

Concen: 52.159 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX044308.D

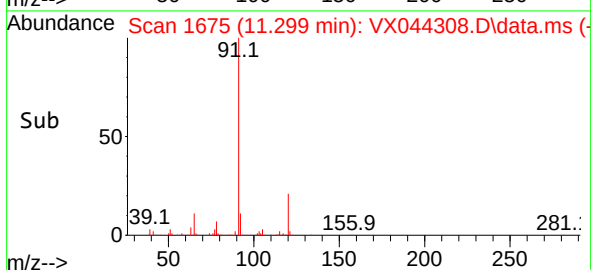
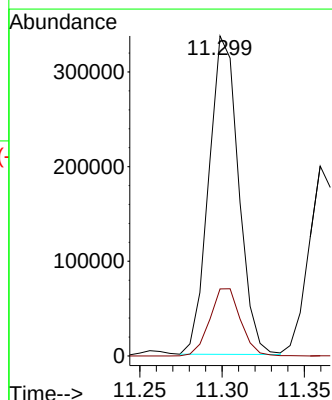
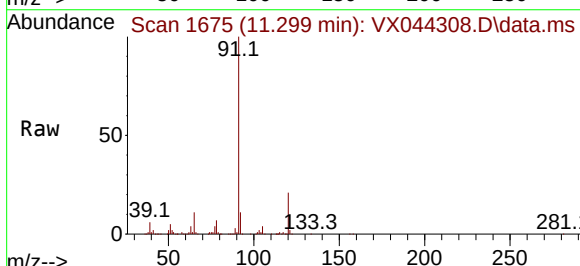
Acq: 16 Dec 2024 08:58

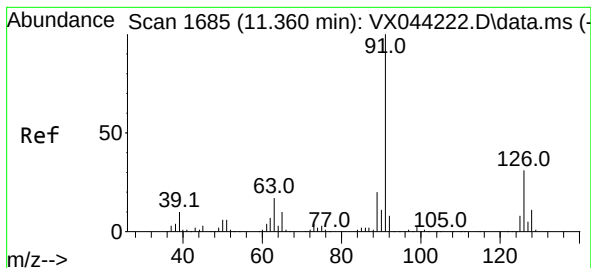
Tgt Ion: 91 Resp: 423538

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 48.090 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

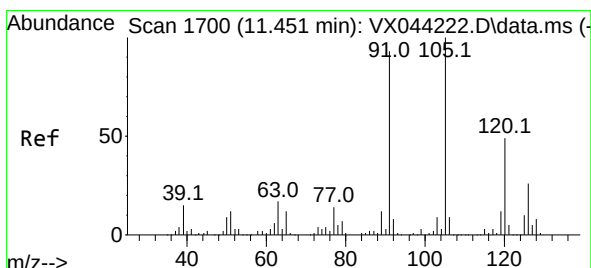
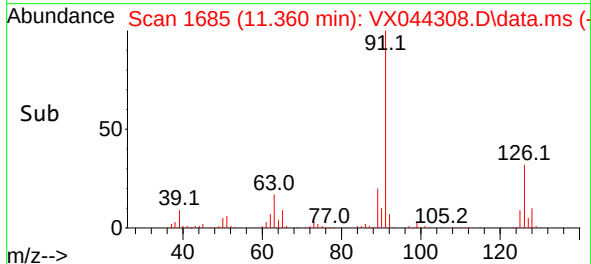
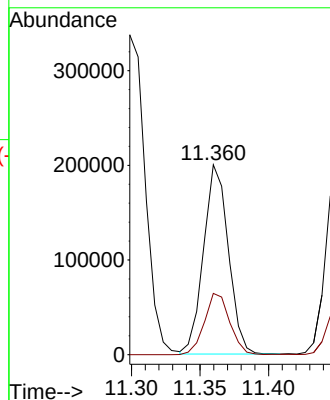
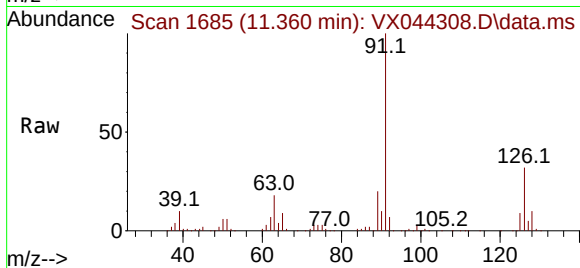
ClientSampleId :

Tgt Ion: 91 Resp: 252548

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 50.261 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044308.D

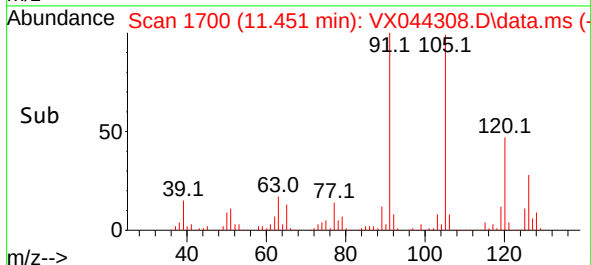
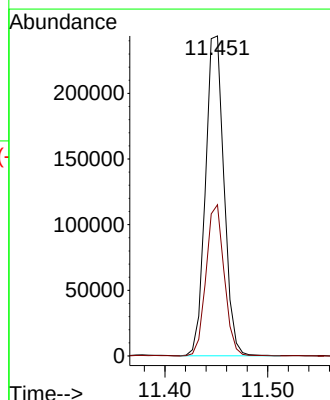
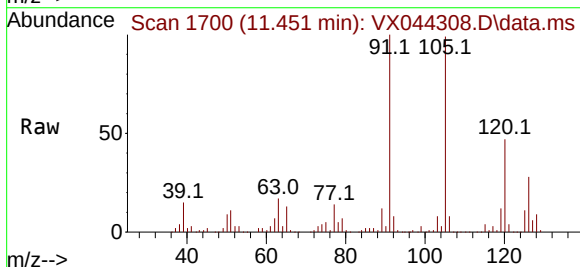
Acq: 16 Dec 2024 08:58

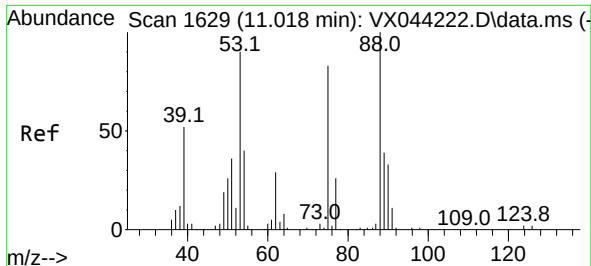
Tgt Ion: 105 Resp: 306219

Ion Ratio Lower Upper

105 100

120 46.5 23.8 71.4

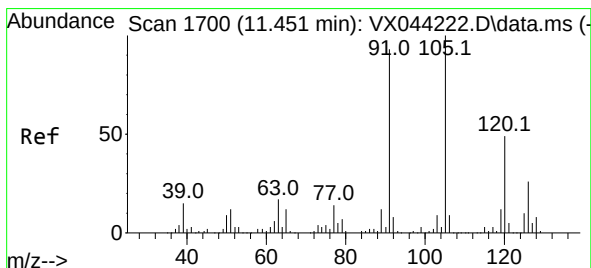
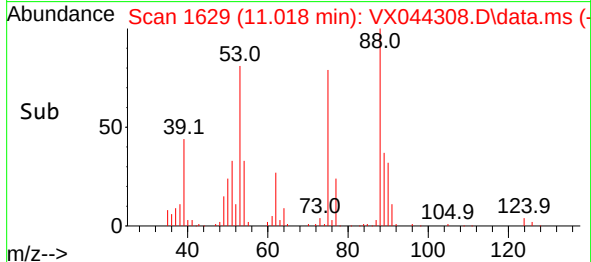
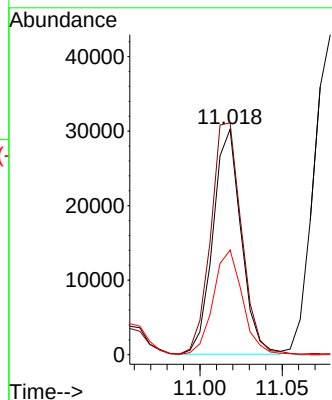
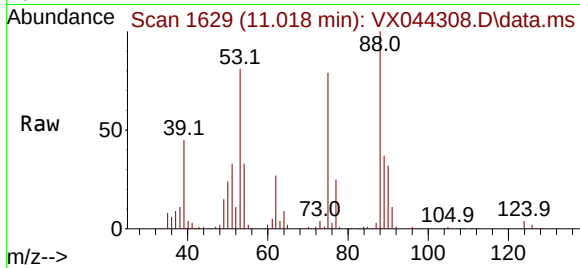




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.379 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

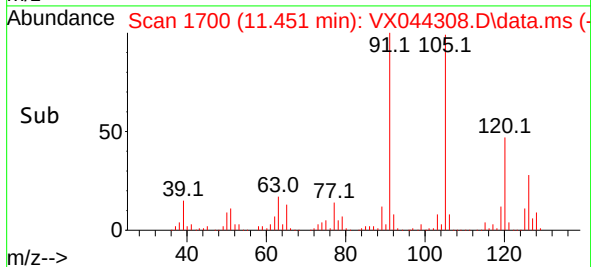
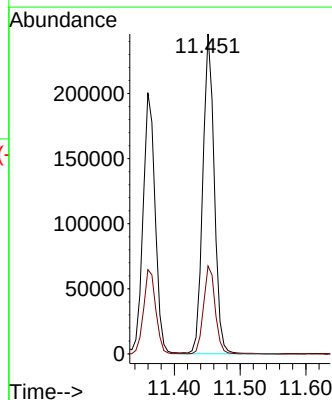
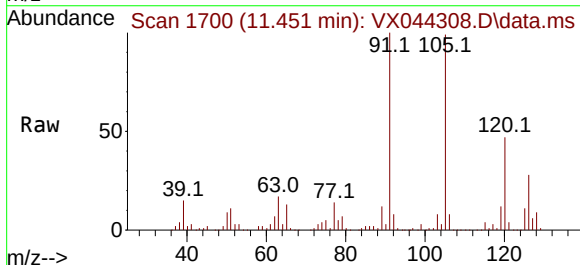
Instrument :  
MSVOA\_X  
ClientSampleId :

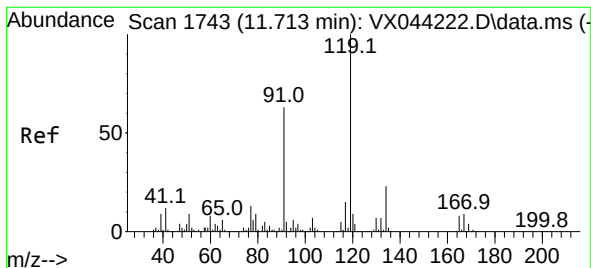
Tgt Ion: 75 Resp: 36024  
Ion Ratio Lower Upper  
75 100  
53 113.0 93.6 140.4  
89 48.2 37.3 55.9



#82  
4-Chlorotoluene  
Concen: 51.095 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 91 Resp: 297134  
Ion Ratio Lower Upper  
91 100  
126 27.8 14.5 43.5





#83

tert-Butylbenzene

Concen: 49.536 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

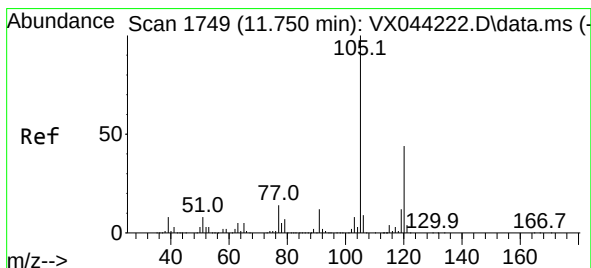
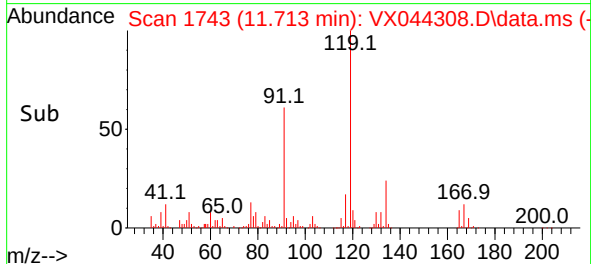
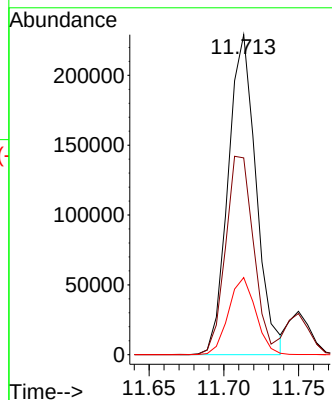
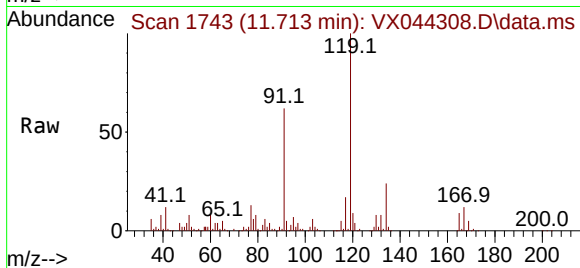
Tgt Ion:119 Resp: 298265

Ion Ratio Lower Upper

119 100

91 61.9 30.9 92.5

134 23.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 51.358 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044308.D

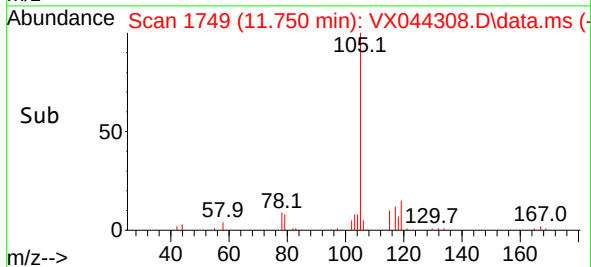
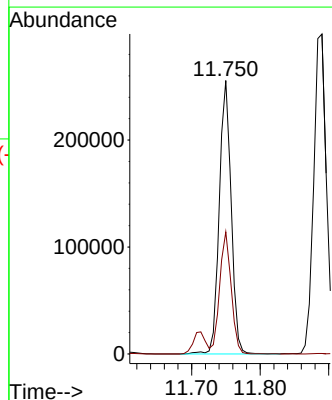
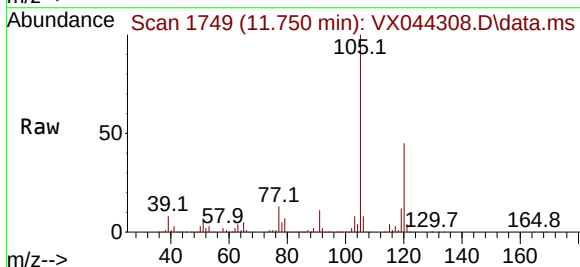
Acq: 16 Dec 2024 08:58

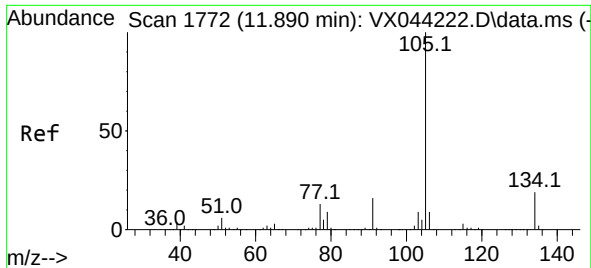
Tgt Ion:105 Resp: 307294

Ion Ratio Lower Upper

105 100

120 43.1 21.7 65.1

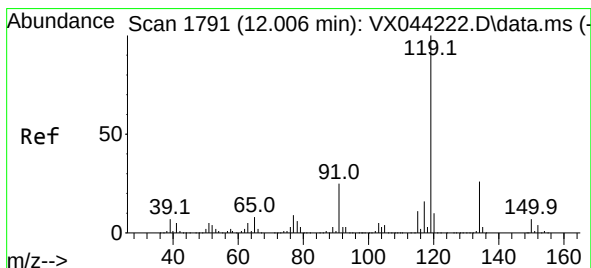
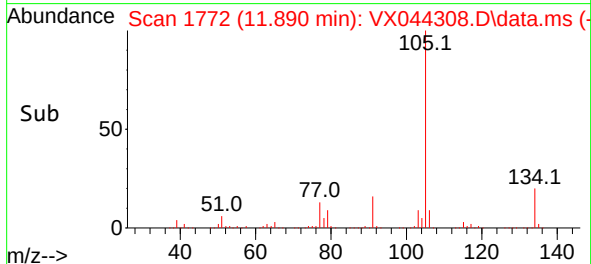
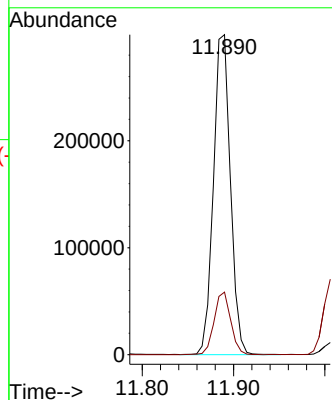
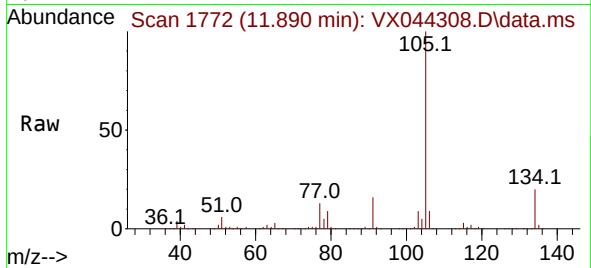




#85  
 sec-Butylbenzene  
 Concen: 52.741 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

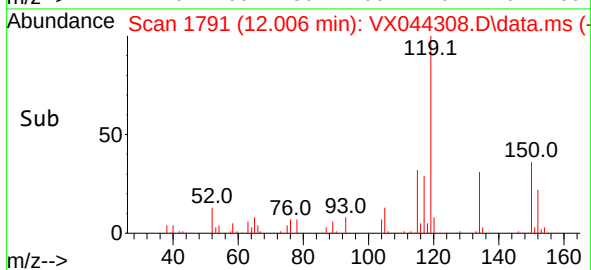
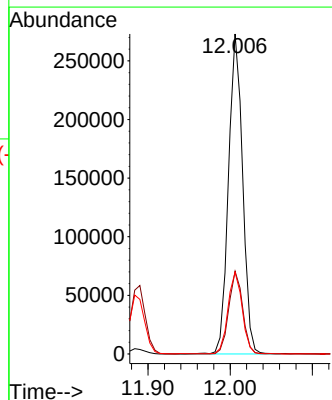
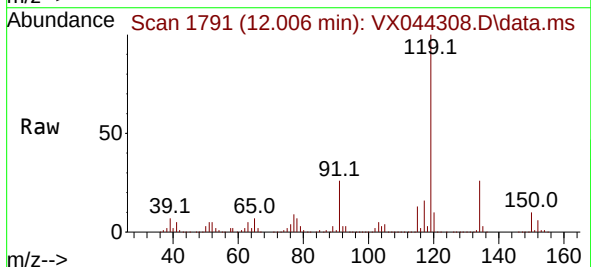
Instrument :  
 MSVOA\_X  
 ClientSampleId :

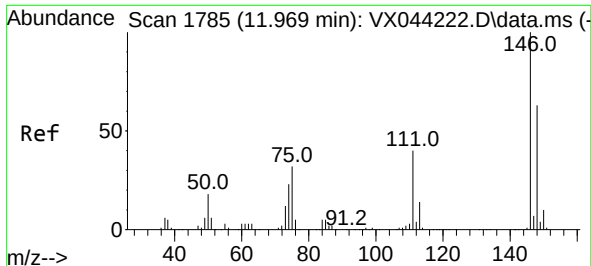
Tgt Ion:105 Resp: 385516  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 53.509 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX044308.D  
 Acq: 16 Dec 2024 08:58

Tgt Ion:119 Resp: 325542  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.4  
 91 25.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.473 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

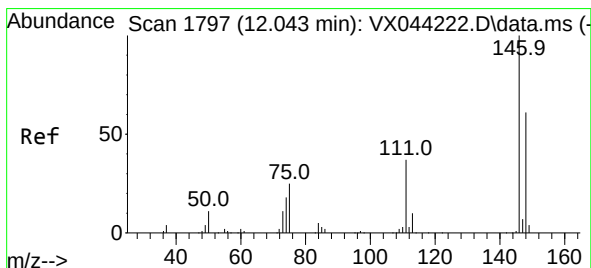
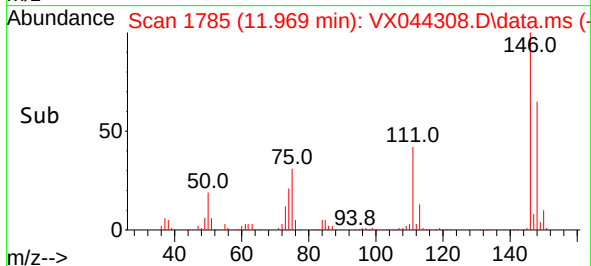
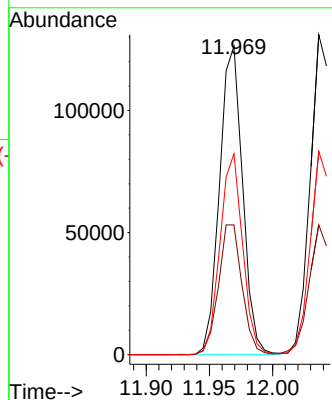
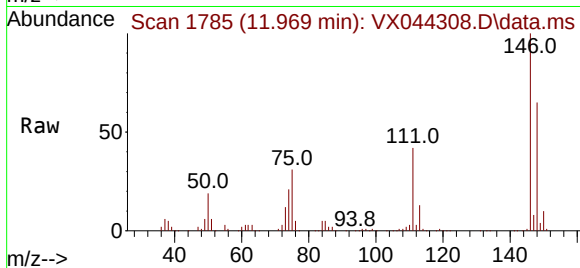
Tgt Ion:146 Resp: 160182

Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.2

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.680 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

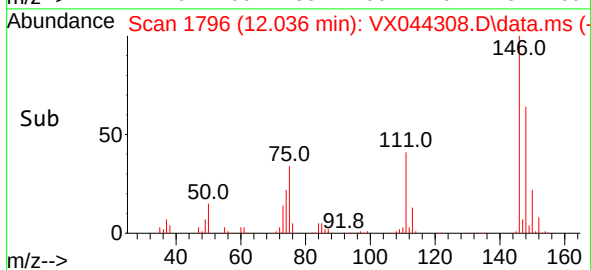
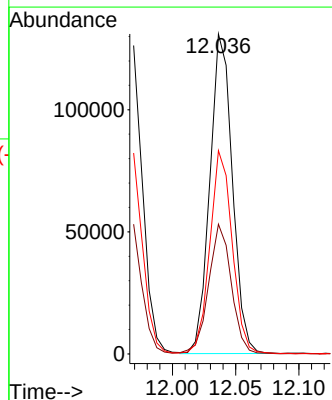
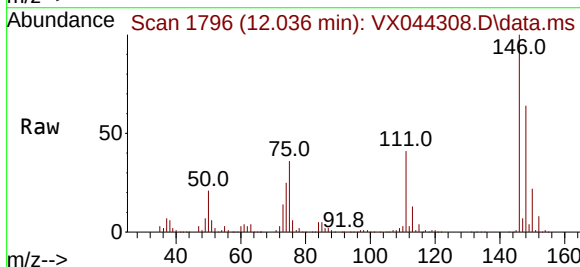
Tgt Ion:146 Resp: 162126

Ion Ratio Lower Upper

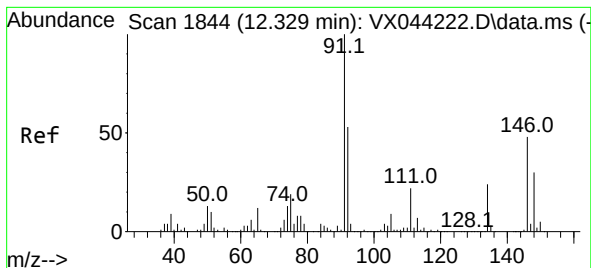
146 100

111 40.9 21.0 63.0

148 63.4 32.3 96.8







#89

n-Butylbenzene

Concen: 56.700 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

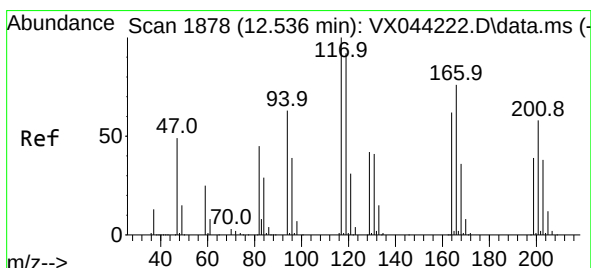
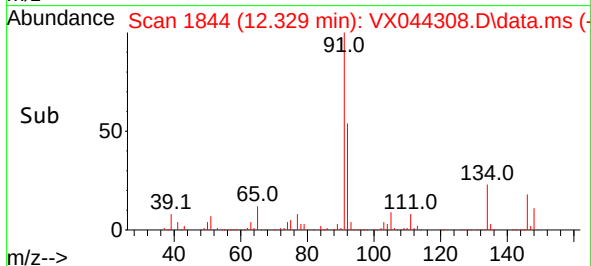
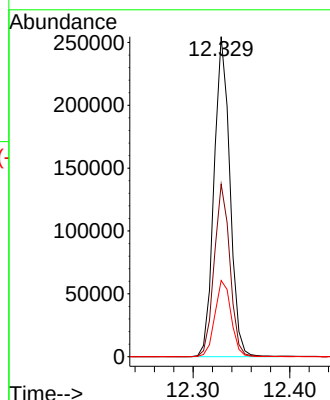
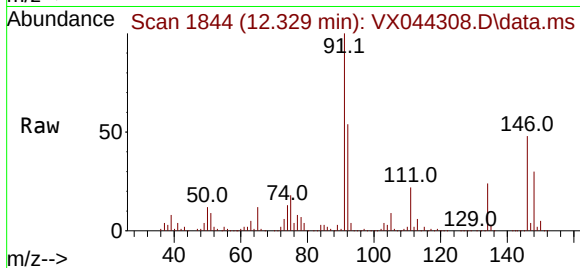
Tgt Ion: 91 Resp: 290065

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 58.969 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044308.D

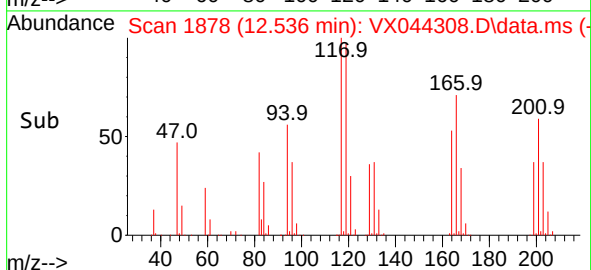
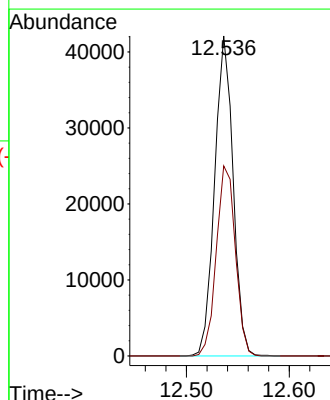
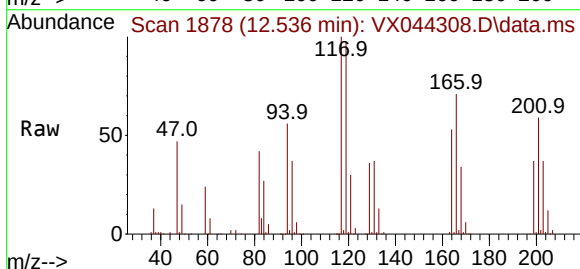
Acq: 16 Dec 2024 08:58

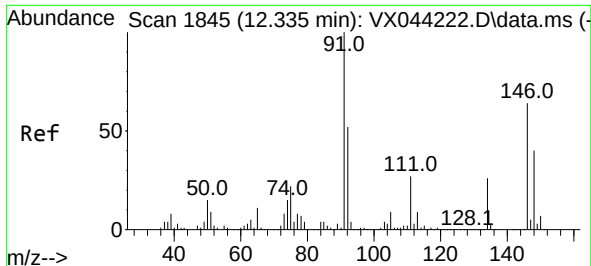
Tgt Ion: 117 Resp: 52370

Ion Ratio Lower Upper

117 100

201 61.4 31.4 94.2

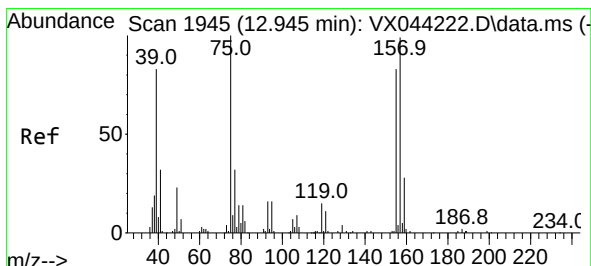
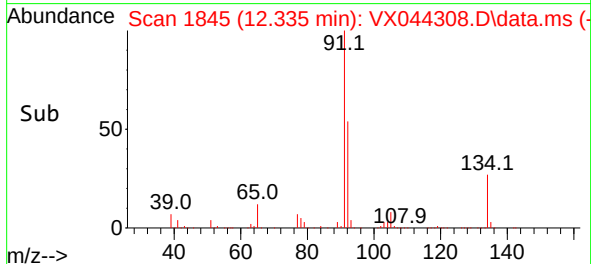
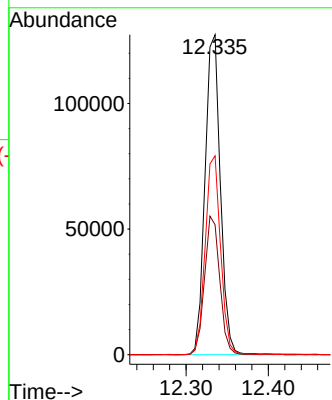
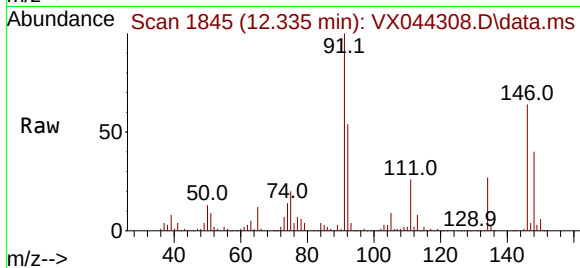




#91  
1,2-Dichlorobenzene  
Concen: 51.206 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

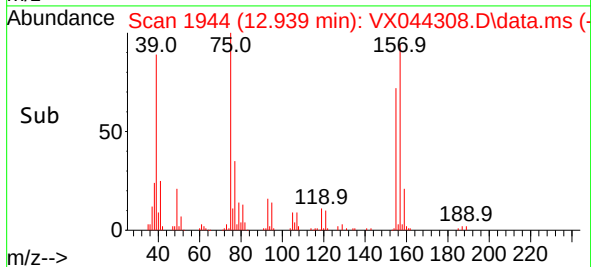
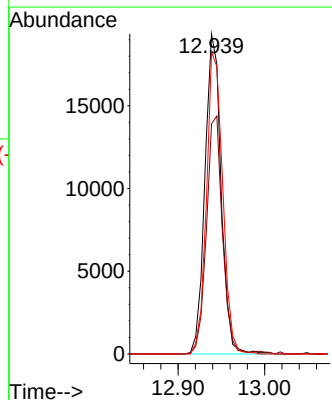
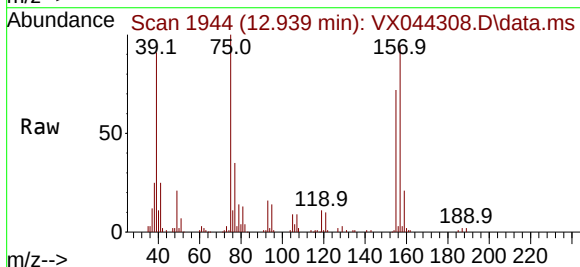
Instrument :  
MSVOA\_X  
ClientSampleId :

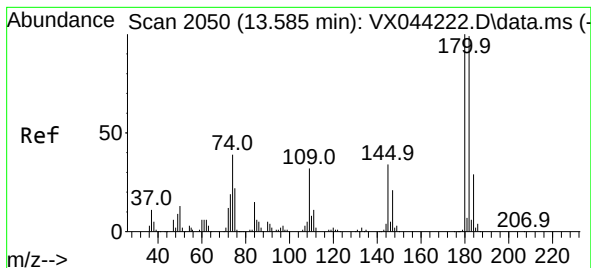
Tgt Ion:146 Resp: 165459  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.4 64.3  
148 62.1 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.472 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion: 75 Resp: 25002  
Ion Ratio Lower Upper  
75 100  
155 73.6 38.1 114.3  
157 94.7 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 54.804 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

Instrument :

MSVOA\_X

ClientSampleId :

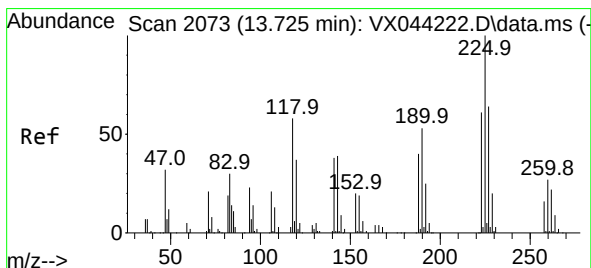
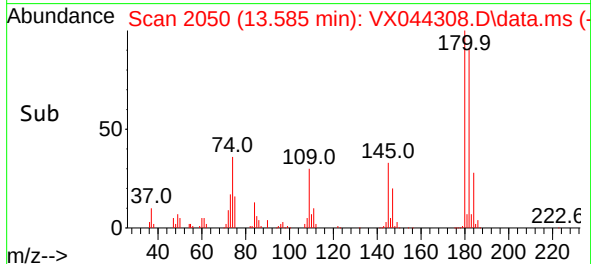
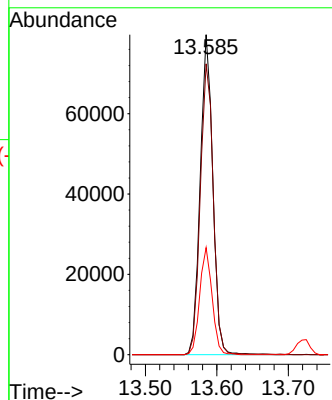
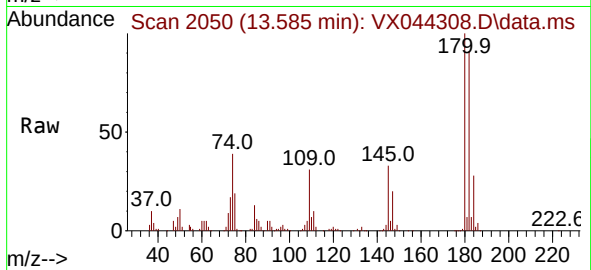
Tgt Ion:180 Resp: 97086

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.2

145 32.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 52.338 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044308.D

Acq: 16 Dec 2024 08:58

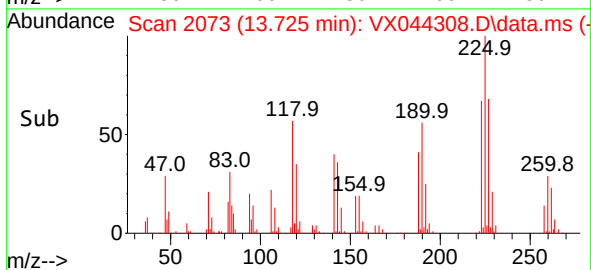
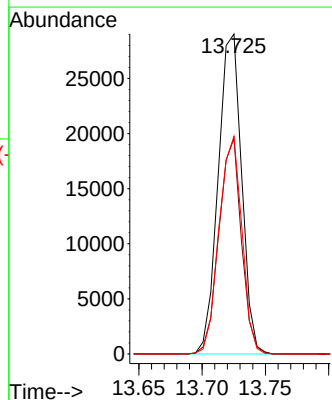
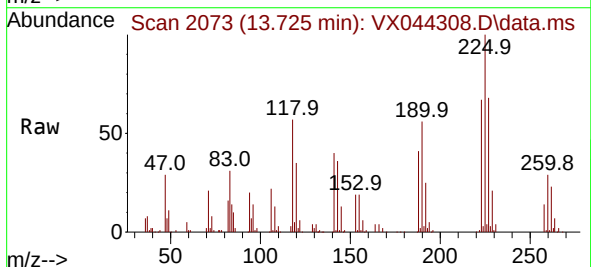
Tgt Ion:225 Resp: 37294

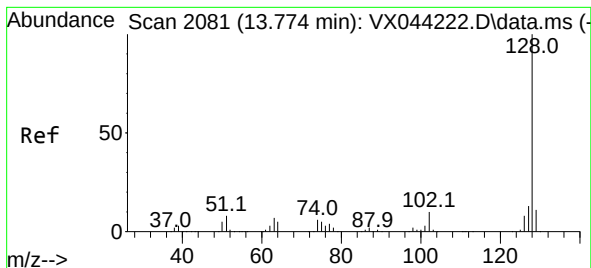
Ion Ratio Lower Upper

225 100

223 64.6 30.8 92.4

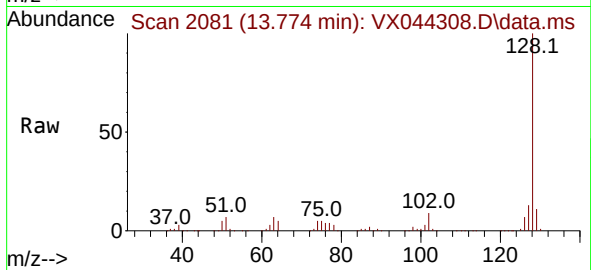
227 66.1 32.1 96.3



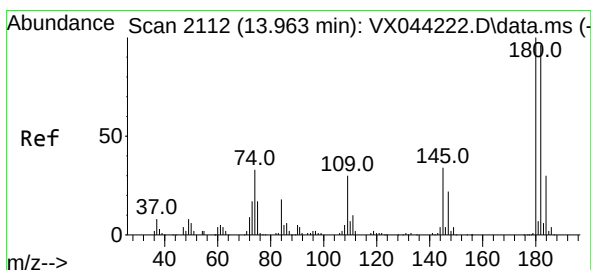
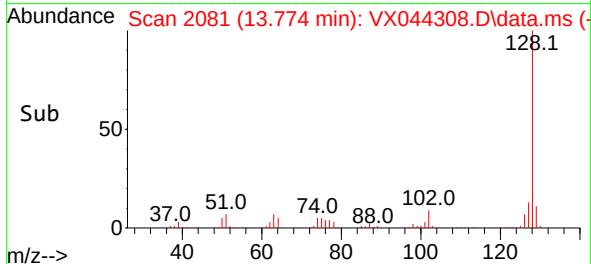
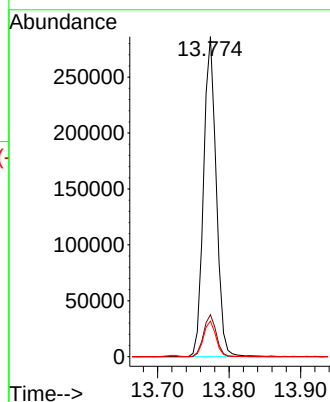


#95  
Naphthalene  
Concen: 50.999 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 352655  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 11.0 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 51.086 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX044308.D  
Acq: 16 Dec 2024 08:58

Tgt Ion:180 Resp: 95989  
Ion Ratio Lower Upper  
180 100  
182 96.7 48.0 144.0  
145 35.8 17.7 53.1

