

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061223\  
 Data File : VX036129.D  
 Acq On : 12 Jun 2023 17:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 13 04:51:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:50:30 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 163405   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 302480   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 283357   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 131074   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 153791   | 57.959   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 115.920% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 106600   | 52.397   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.800% |      |
| 50) Toluene-d8              | 8.647  | 98    | 365848   | 50.105   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 100.220% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 154235   | 53.510   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 107.020% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 85880   | 48.103  | ug/l   | 99  |
| 3) Chloromethane             | 1.295 | 50  | 89715   | 43.964  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 86437   | 45.093  | ug/l   | 99  |
| 5) Bromomethane              | 1.618 | 94  | 52955   | 41.945  | ug/l   | 95  |
| 6) Chloroethane              | 1.691 | 64  | 56612   | 50.157  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 128648  | 47.695  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 62269   | 53.157  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 84156   | 50.271  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 83247   | 42.244  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 3.032 | 59  | 59583   | 126.440 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 77442   | 47.240  | ug/l   | 96  |
| 13) Acrolein                 | 2.240 | 56  | 126142  | 277.898 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 172393  | 51.156  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.075 | 53  | 329112  | 297.254 | ug/l   | 100 |
| 16) Acetone                  | 2.404 | 43  | 301216  | 275.157 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.514 | 76  | 153368  | 37.336  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.709 | 43  | 271056  | 63.691  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 371635  | 57.873  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 105998  | 50.267  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 86598   | 46.211  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.758 | 45  | 374771  | 57.176  | ug/l   | 93  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1399513 | 303.898 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 194217  | 53.422  | ug/l   | 99  |
| 25) 2-Butanone               | 4.574 | 43  | 470039  | 299.995 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 156085  | 56.326  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 113645  | 50.529  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.898 | 49  | 101064  | 53.086  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 303359  | 300.451 | ug/l   | 100 |
| 30) Chloroform               | 5.093 | 83  | 207332  | 55.368  | ug/l   | 98  |
| 31) Cyclohexane              | 5.471 | 56  | 135878  | 48.908  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 170025  | 53.732  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 129862  | 47.873  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.721 | 43  | 192006  | 63.557  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 137158  | 51.885  | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.379 | 83  | 127107  | 44.910  | ug/l   | 99  |
| 40) Benzene                  | 6.038 | 78  | 400170  | 49.153  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061223\  
 Data File : VX036129.D  
 Acq On : 12 Jun 2023 17:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 13 04:51:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:50:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 108407   | 63.256   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 186952   | 57.987   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 307016   | 61.806   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 98603    | 46.688   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 113624   | 53.026   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 80340    | 53.973   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 160112   | 57.183   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 153520   | 63.021   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.745  | 88   | 58646    | 1051.177 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 954556   | 314.814  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 257912   | 50.389   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 173238   | 58.529   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 181830   | 55.631   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 115502   | 54.162   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 189694   | 59.498   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 199735   | 54.424   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 493486   | 295.401  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 707259   | 315.504  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 115474   | 55.780   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 121726   | 55.835   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 74718    | 41.961   | ug/l   | 99       |
| 65) Chlorobenzene             | 10.080 | 112  | 280876   | 49.126   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 109134   | 54.271   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 498833   | 49.022   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 372949   | 96.608   | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 191891   | 49.465   | ug/l   | 96       |
| 70) Styrene                   | 10.653 | 104  | 319354   | 50.948   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 75548    | 54.246   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 479889   | 50.382   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 253071   | 60.957   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 180122   | 55.282   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 209842   | 70.982   | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 116670   | 49.532   | ug/l   | 100      |
| 78) n-propylbenzene           | 11.305 | 91   | 555802   | 51.700   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 359610   | 51.363   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 415532   | 51.744   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 53483    | 60.937   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 410148   | 51.040   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 393035   | 51.229   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 419693   | 50.924   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 460381   | 50.590   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 389233   | 50.028   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 210660   | 48.823   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 212130   | 46.670   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 327096   | 49.763   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 63034    | 51.091   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 205988   | 47.957   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 42036    | 62.516   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 113300   | 45.328   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 39055    | 41.074   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 453609   | 52.140   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 114614   | 46.485   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061223\  
Data File : VX036129.D  
Acq On : 12 Jun 2023 17:36  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

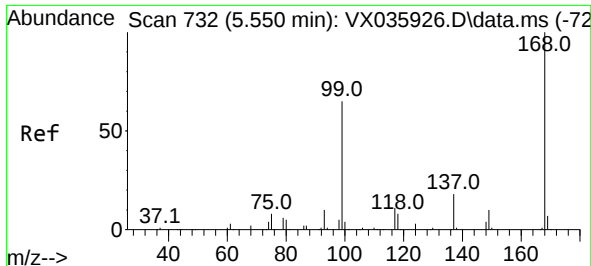
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 13 04:51:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 31 12:50:30 2023  
Response via : Initial Calibration

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

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

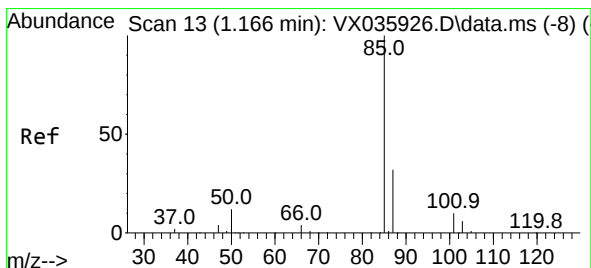
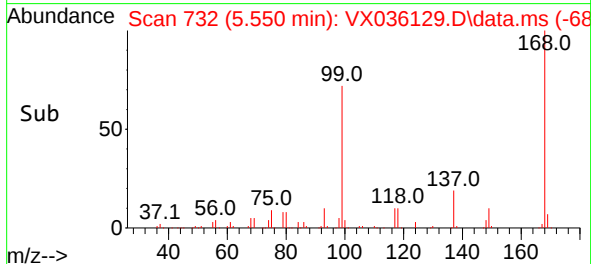
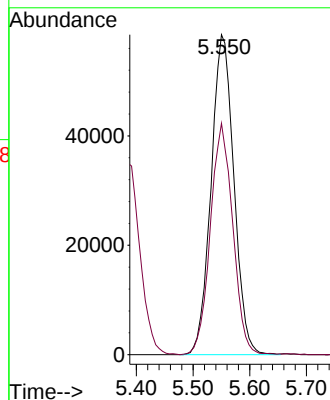
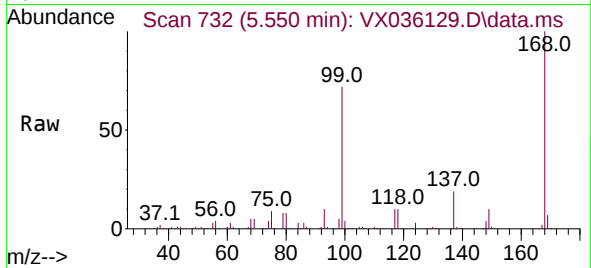




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

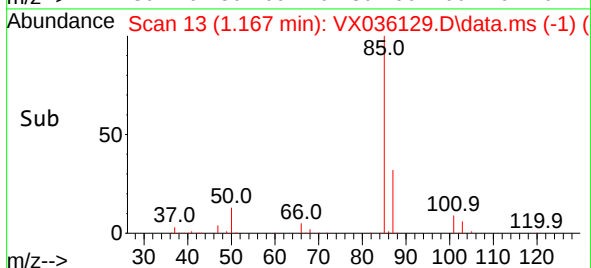
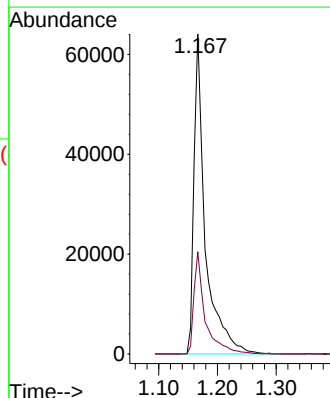
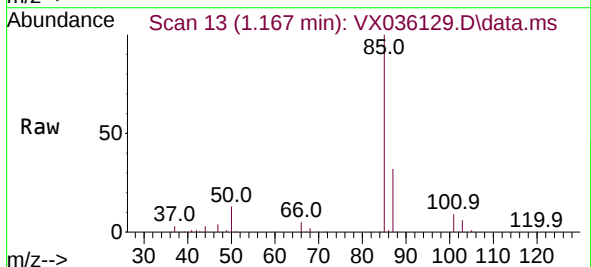
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

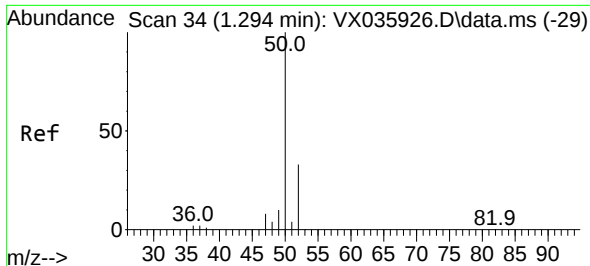
Tgt Ion:168 Resp: 163405  
Ion Ratio Lower Upper  
168 100  
99 72.3 57.0 85.6



#2  
Dichlorodifluoromethane  
Concen: 48.103 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 85 Resp: 85880  
Ion Ratio Lower Upper  
85 100  
87 31.9 15.8 47.4

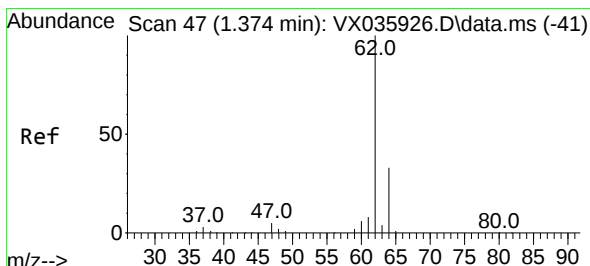
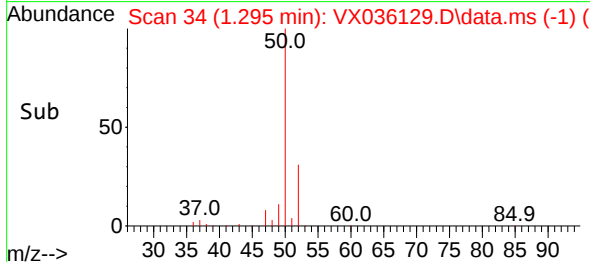
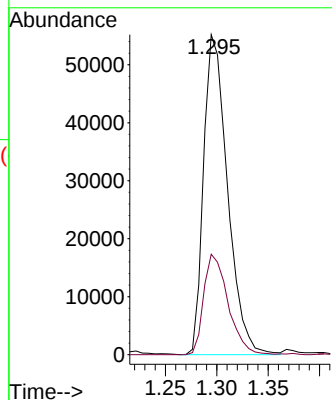
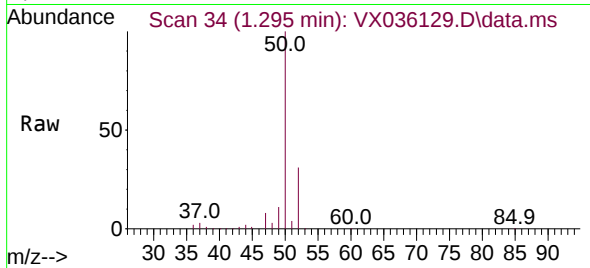




#3  
Chloromethane  
Concen: 43.964 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

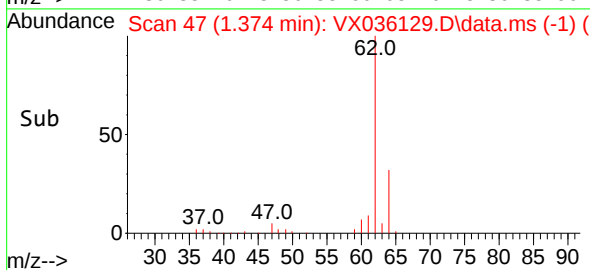
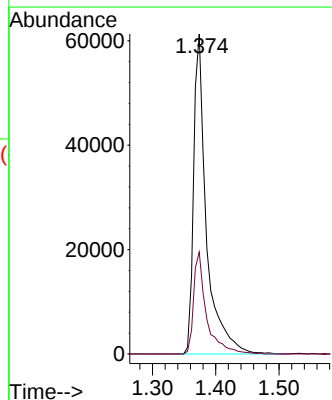
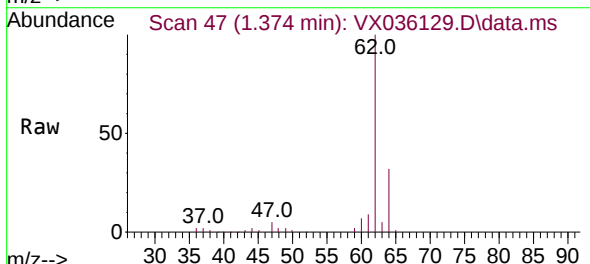
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

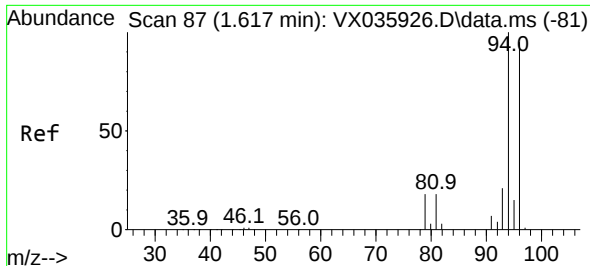
Tgt Ion: 50 Resp: 89715  
Ion Ratio Lower Upper  
50 100  
52 31.4 25.4 38.2



#4  
Vinyl Chloride  
Concen: 45.093 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 62 Resp: 86437  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.2 37.8

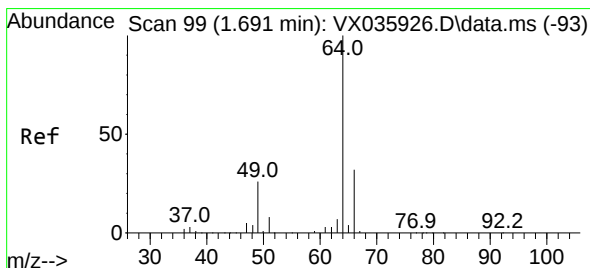
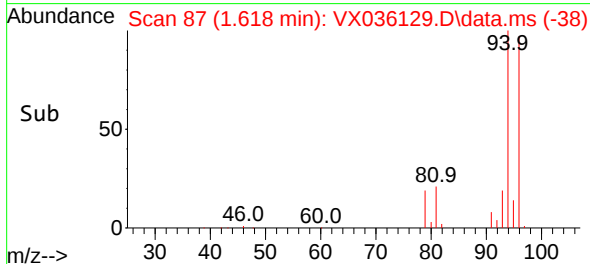
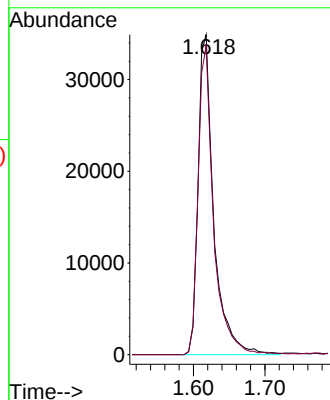
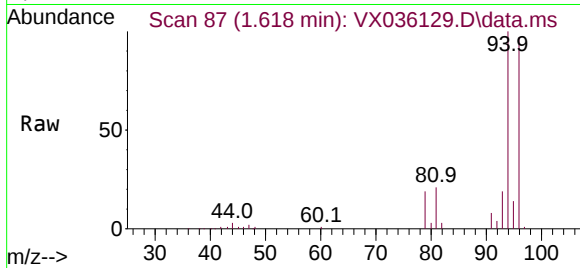




#5  
Bromomethane  
Concen: 41.945 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

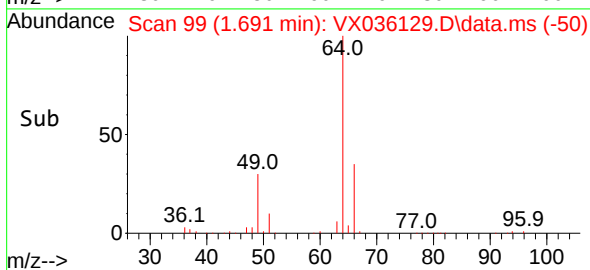
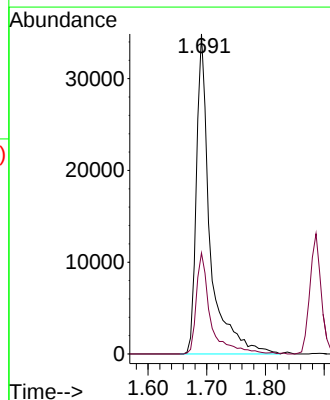
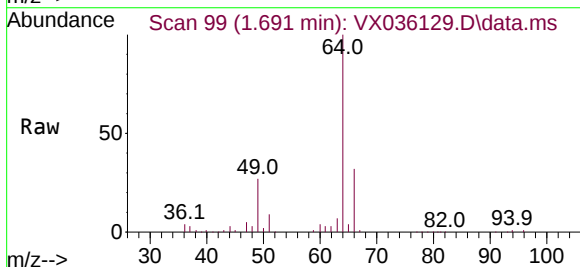
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

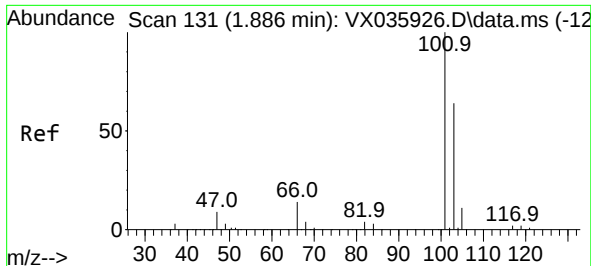
Tgt Ion: 94 Resp: 52955  
Ion Ratio Lower Upper  
94 100  
96 96.5 73.5 110.3



#6  
Chloroethane  
Concen: 50.157 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 64 Resp: 56612  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.0 39.0

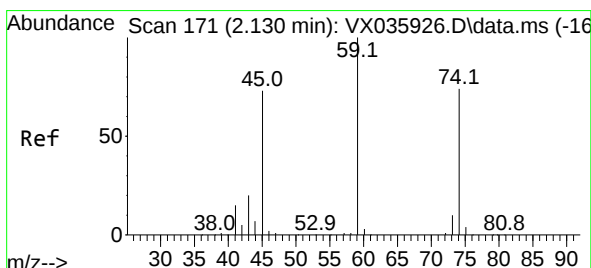
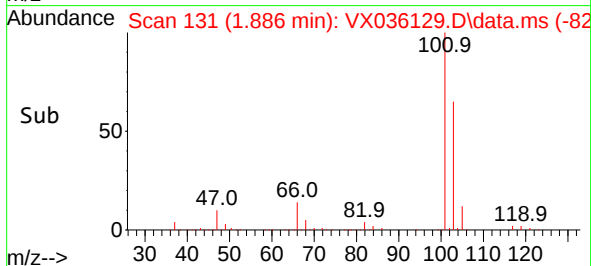
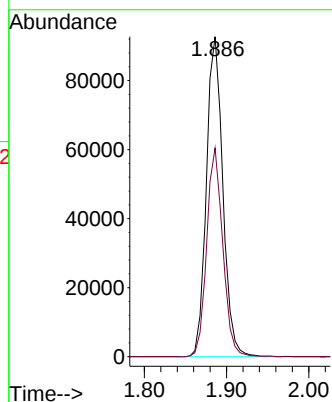
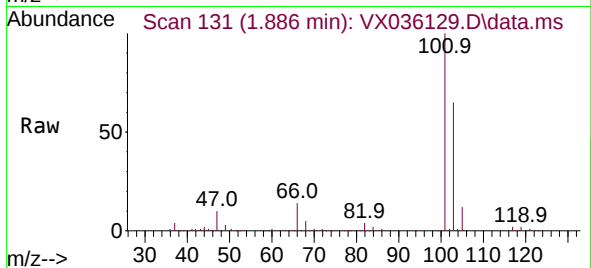




#7  
Trichlorofluoromethane  
Concen: 47.695 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

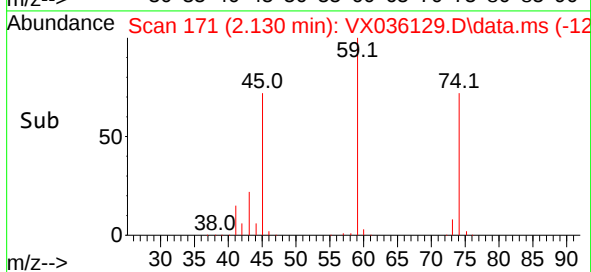
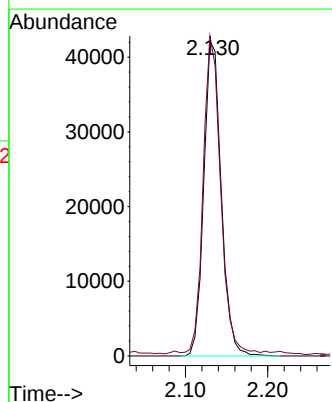
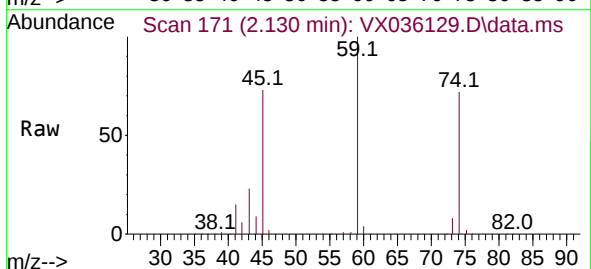
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

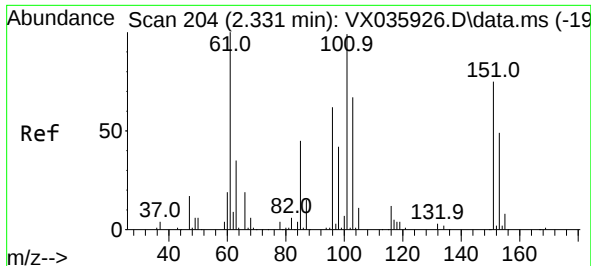
Tgt Ion:101 Resp: 128648  
Ion Ratio Lower Upper  
101 100  
103 65.2 53.2 79.8



#8  
Diethyl Ether  
Concen: 53.157 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 74 Resp: 62269  
Ion Ratio Lower Upper  
74 100  
45 103.1 50.6 151.9

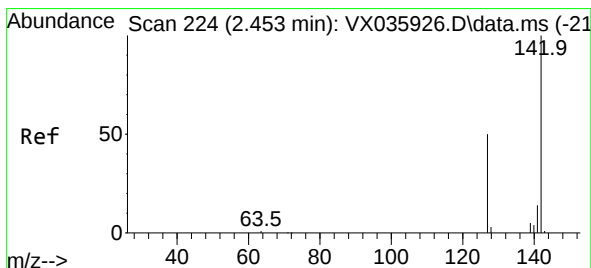
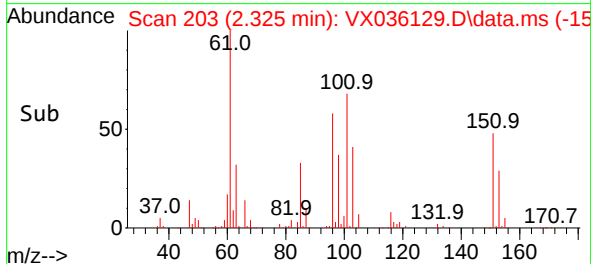
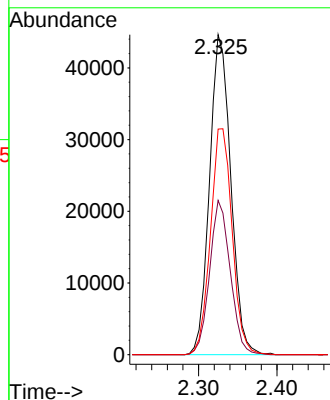
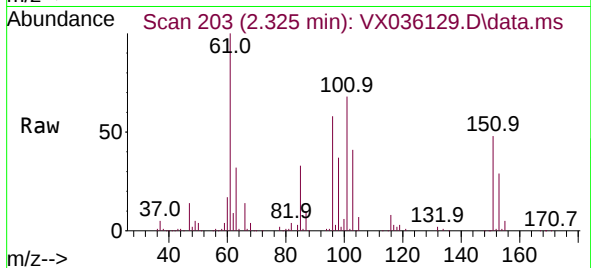




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.271 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.005 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

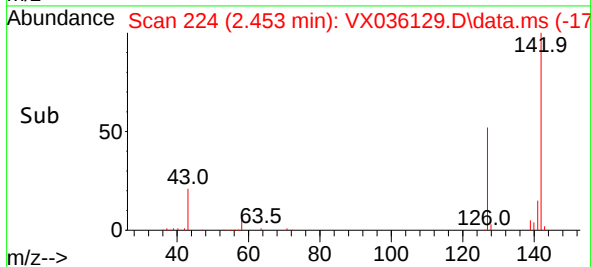
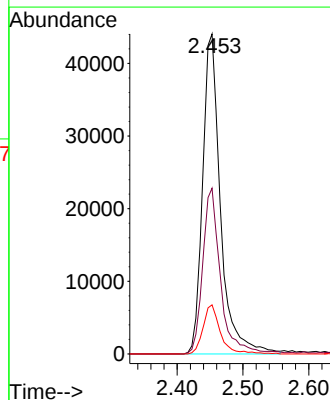
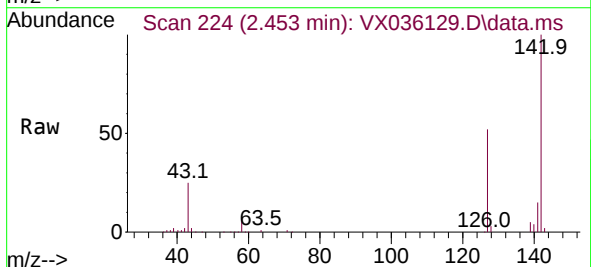
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

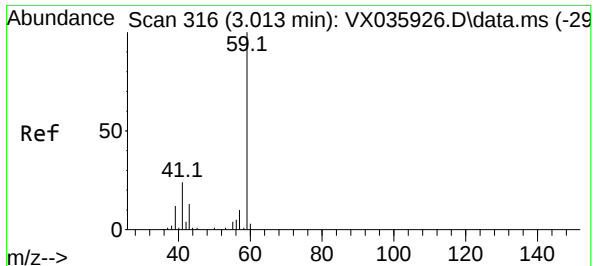
Tgt Ion:101 Resp: 84156  
Ion Ratio Lower Upper  
101 100  
85 46.8 37.3 55.9  
151 72.1 57.0 85.6



#10  
Methyl Iodide  
Concen: 42.244 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion:142 Resp: 83247  
Ion Ratio Lower Upper  
142 100  
127 52.0 40.3 60.5  
141 14.9 11.4 17.0

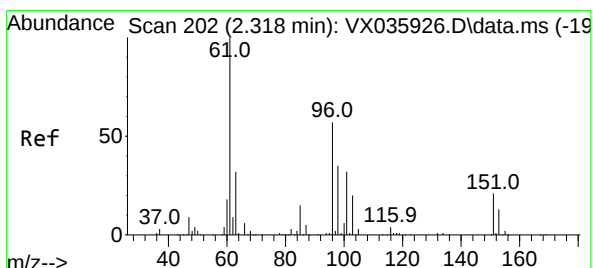
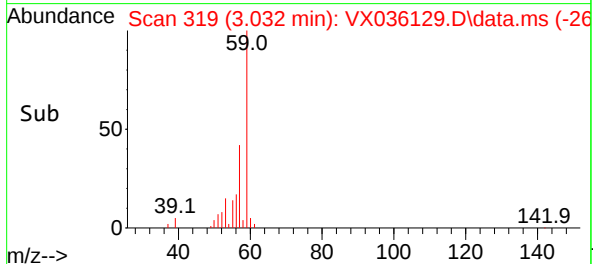
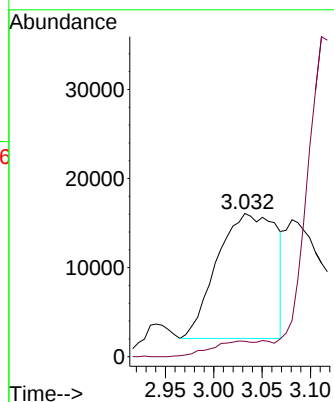
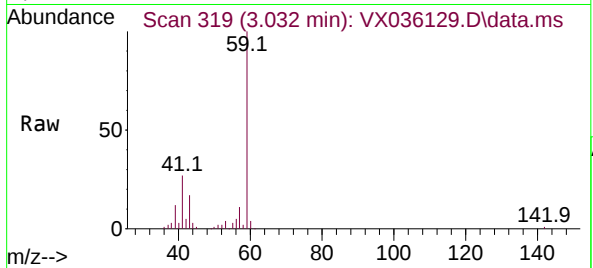




#11  
Tert butyl alcohol  
Concen: 126.440 ug/l  
RT: 3.032 min Scan# 316  
Delta R.T. 0.025 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

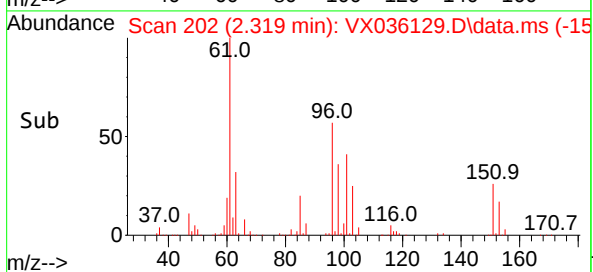
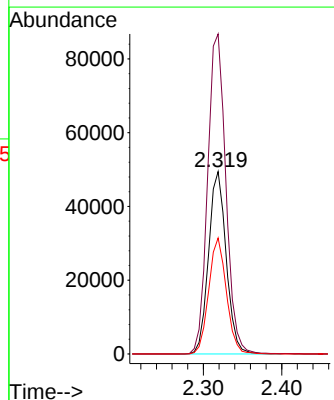
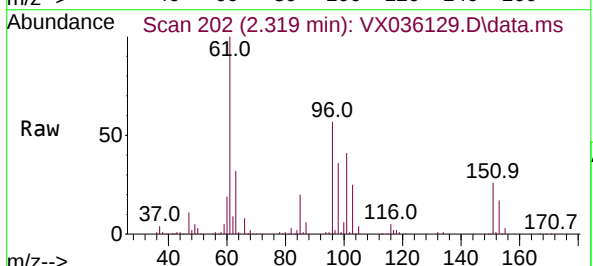
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

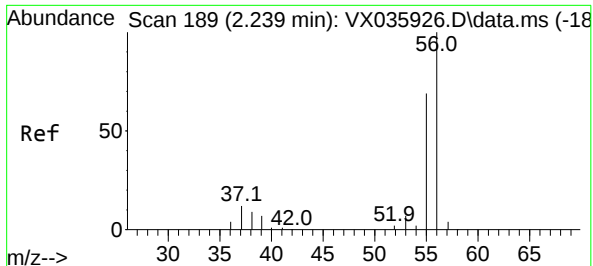
Tgt Ion: 59 Resp: 59583  
Ion Ratio Lower Upper  
59 100  
57 8.4 6.0 9.0



#12  
1,1-Dichloroethene  
Concen: 47.240 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 96 Resp: 77442  
Ion Ratio Lower Upper  
96 100  
61 175.4 145.2 217.8  
98 63.6 49.3 73.9

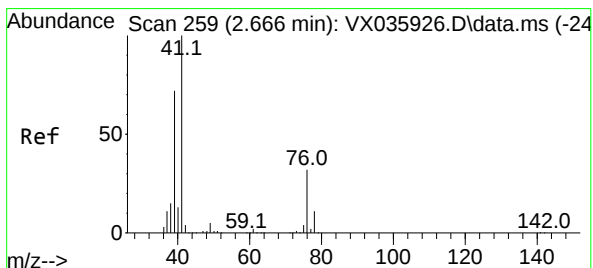
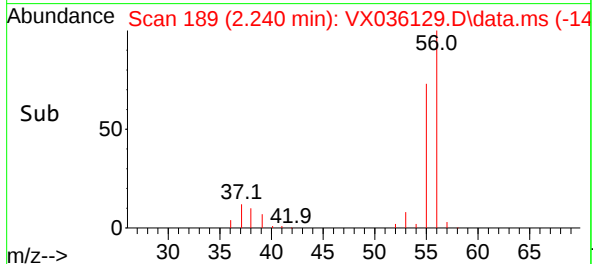
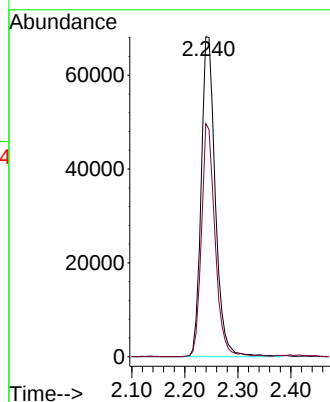
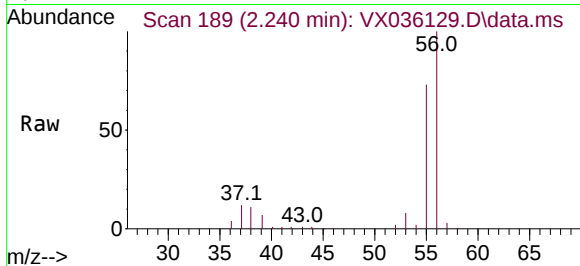




#13  
Acrolein  
Concen: 277.898 ug/l  
RT: 2.240 min Scan# 189  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

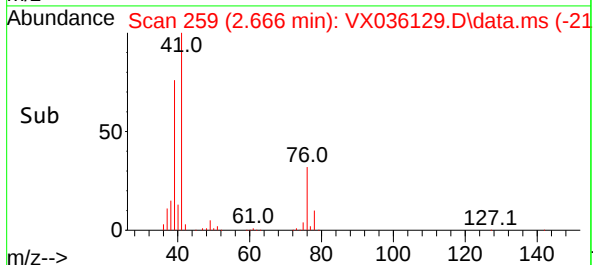
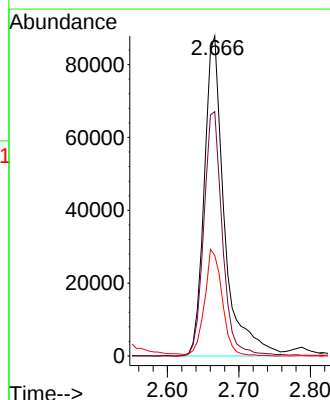
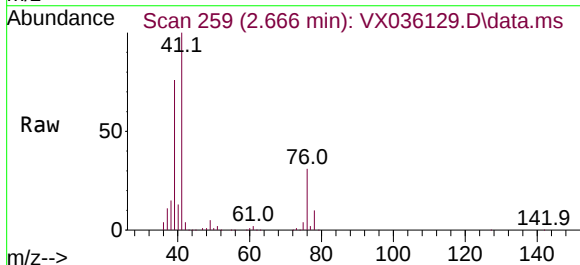
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

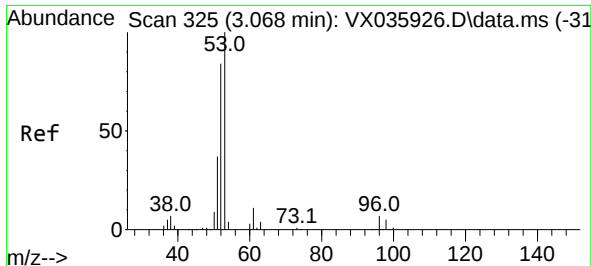
Tgt Ion: 56 Resp: 126142  
Ion Ratio Lower Upper  
56 100  
55 70.1 57.3 85.9



#14  
Allyl chloride  
Concen: 51.156 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 41 Resp: 172393  
Ion Ratio Lower Upper  
41 100  
39 70.4 56.9 85.3  
76 29.3 24.1 36.1





#15

Acrylonitrile

Concen: 297.254 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

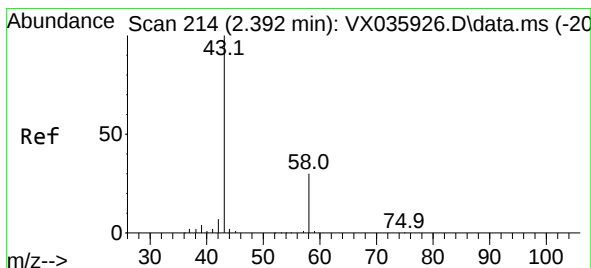
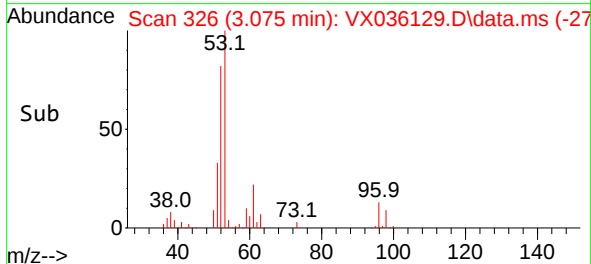
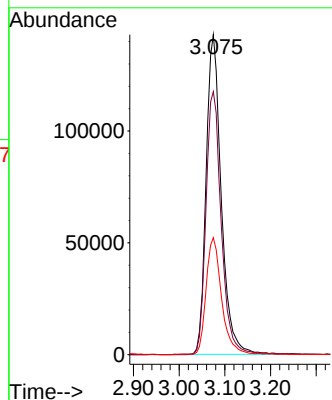
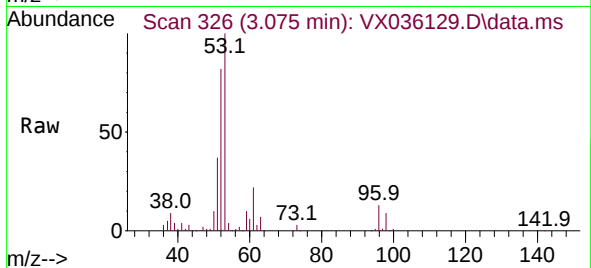
Tgt Ion: 53 Resp: 329112

Ion Ratio Lower Upper

53 100

52 83.3 67.0 100.4

51 37.2 29.8 44.8



#16

Acetone

Concen: 275.157 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.013 min

Lab File: VX036129.D

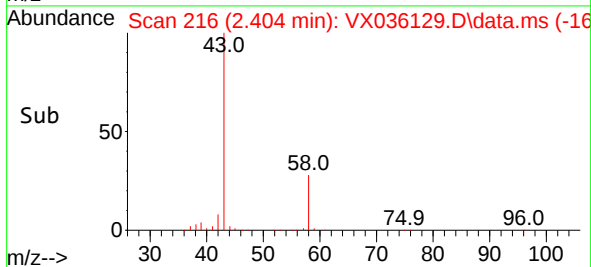
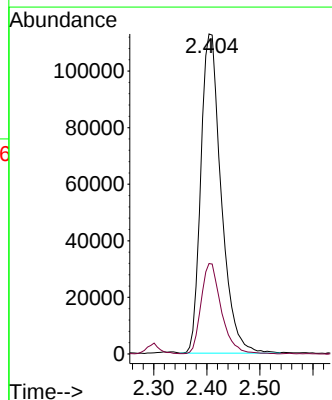
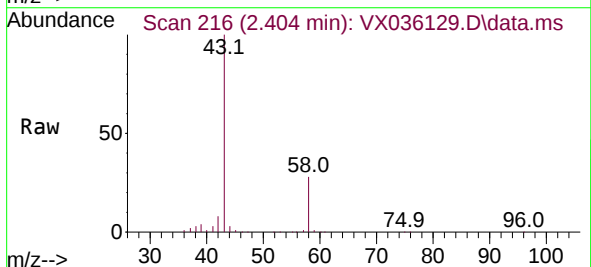
Acq: 12 Jun 2023 17:36

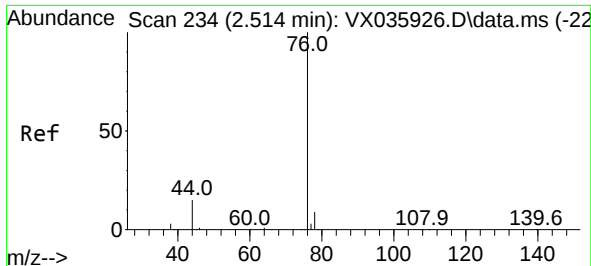
Tgt Ion: 43 Resp: 301216

Ion Ratio Lower Upper

43 100

58 28.3 22.2 33.2





#17

Carbon Disulfide

Concen: 37.336 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

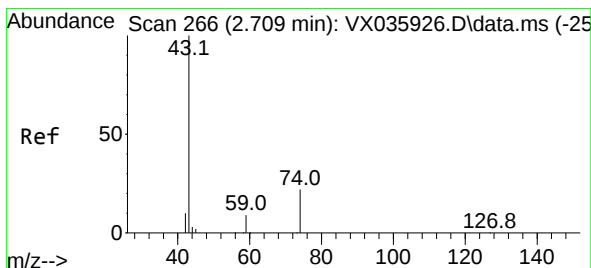
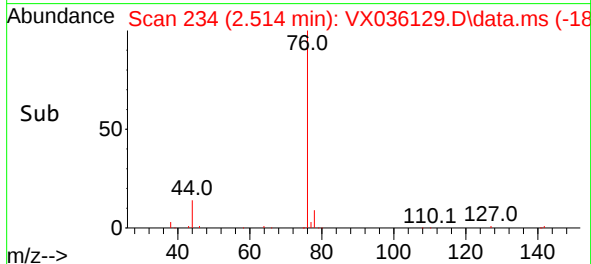
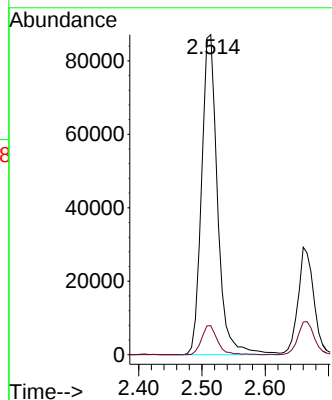
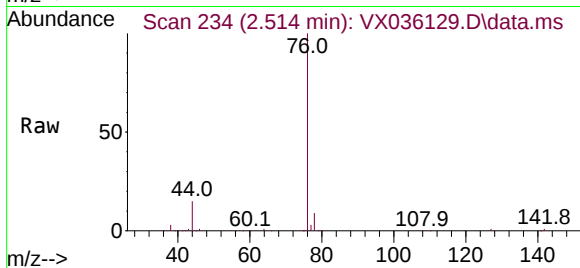
VSTDCCC050EC

Tgt Ion: 76 Resp: 153368

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



#18

Methyl Acetate

Concen: 63.691 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.007 min

Lab File: VX036129.D

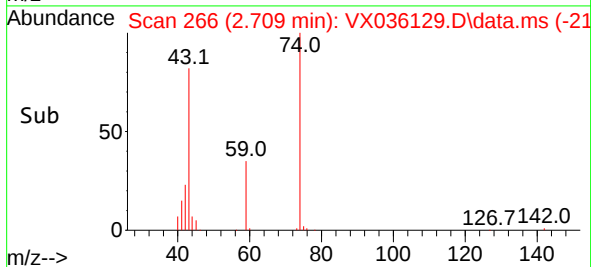
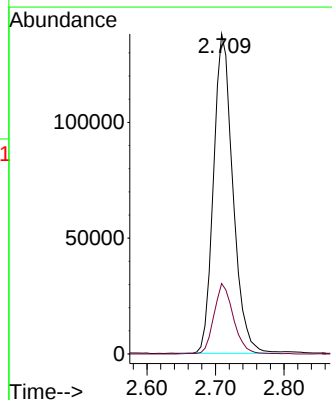
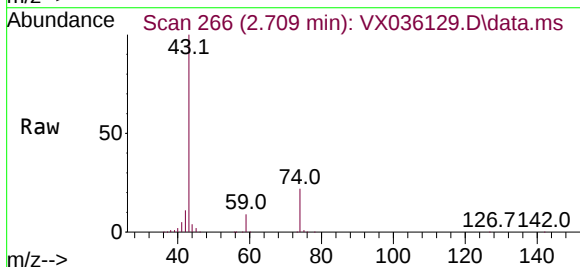
Acq: 12 Jun 2023 17:36

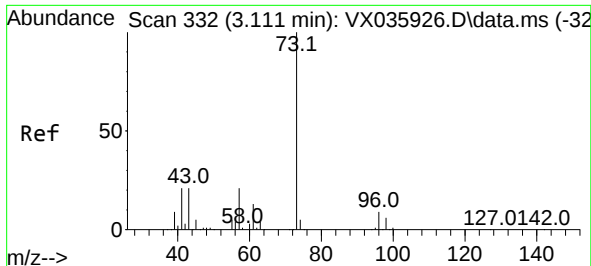
Tgt Ion: 43 Resp: 271056

Ion Ratio Lower Upper

43 100

74 22.3 17.7 26.5

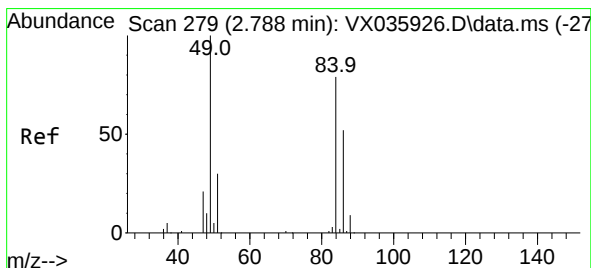
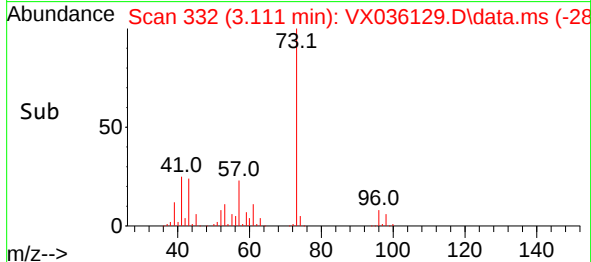
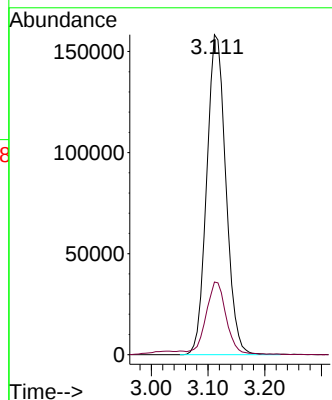
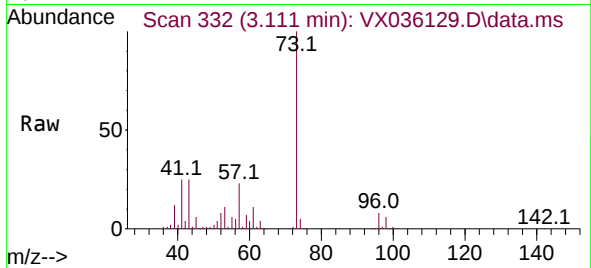




#19  
Methyl tert-butyl Ether  
Concen: 57.873 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

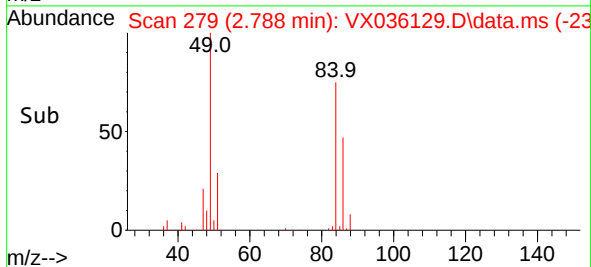
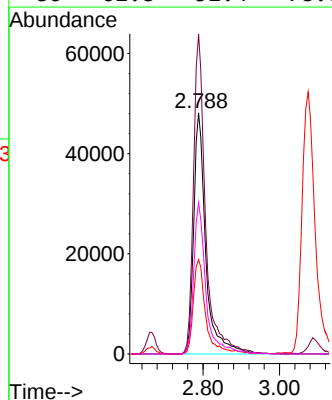
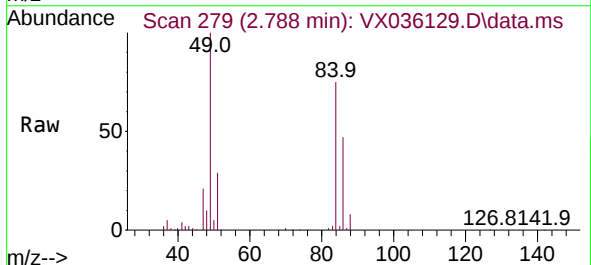
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

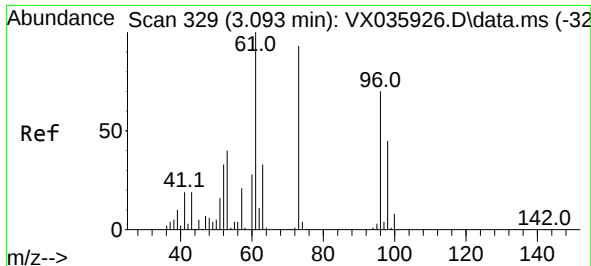
Tgt Ion: 73 Resp: 371635  
Ion Ratio Lower Upper  
73 100  
57 22.6 17.6 26.4



#20  
Methylene Chloride  
Concen: 50.267 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 84 Resp: 105998  
Ion Ratio Lower Upper  
84 100  
49 132.7 104.6 156.8  
51 39.1 32.2 48.4  
86 62.8 52.4 78.6

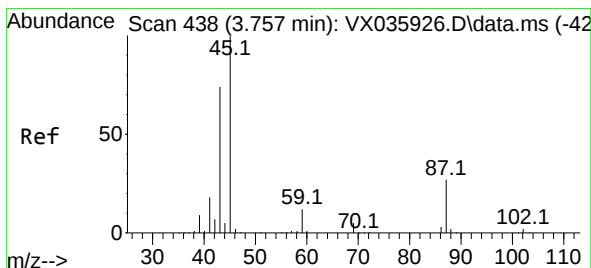
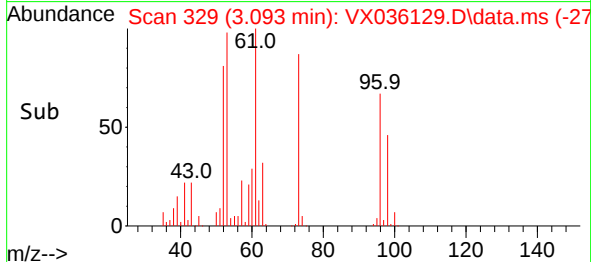
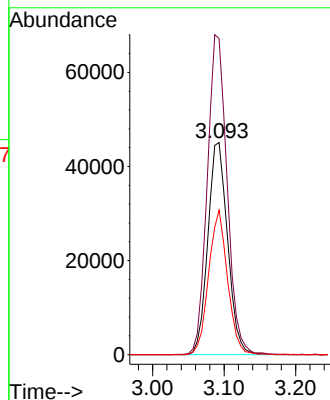
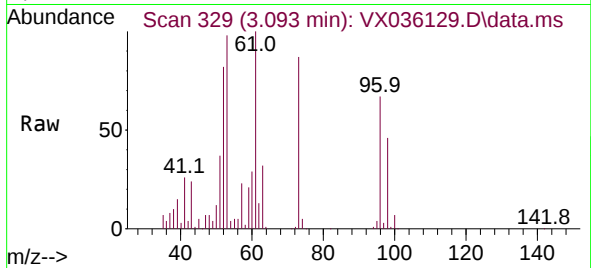




#21  
trans-1,2-Dichloroethene  
Concen: 46.211 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

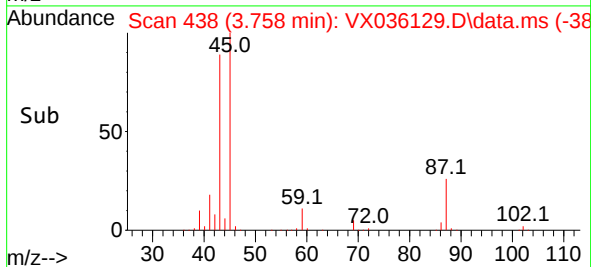
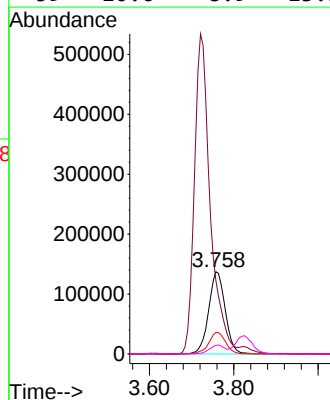
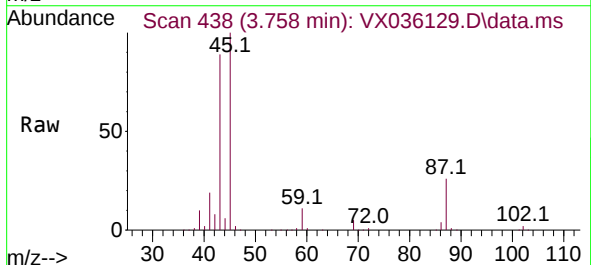
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

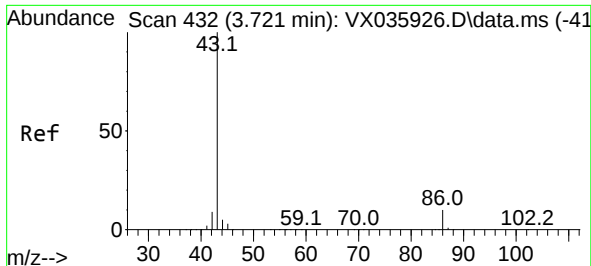
Tgt Ion: 96 Resp: 86598  
Ion Ratio Lower Upper  
96 100  
61 148.9 118.2 177.4  
98 68.1 50.6 75.8



#22  
Diisopropyl ether  
Concen: 57.176 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 45 Resp: 374771  
Ion Ratio Lower Upper  
45 100  
43 88.9 63.8 95.6  
87 26.2 20.6 31.0  
59 10.6 8.9 13.3

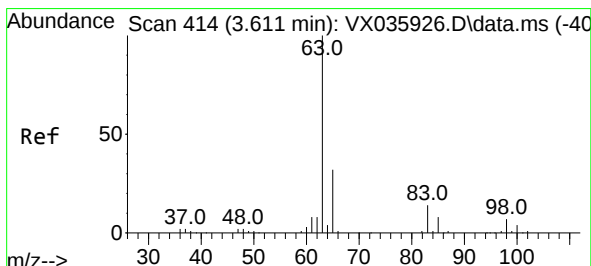
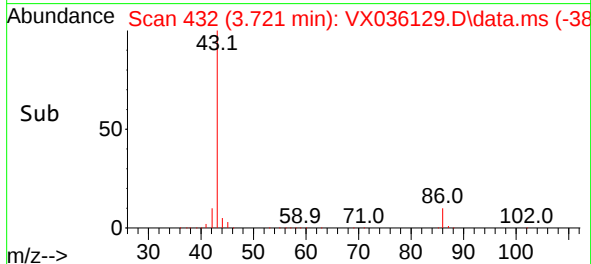
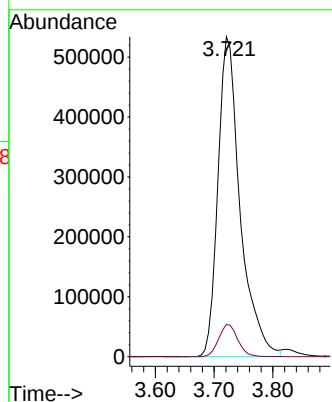
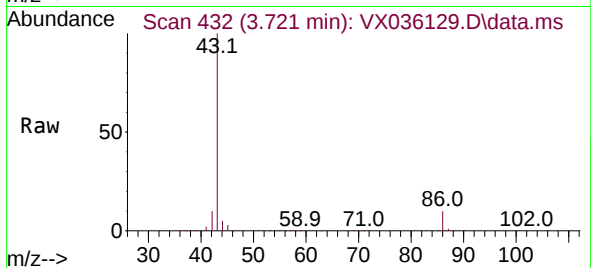




#23  
 Vinyl Acetate  
 Concen: 303.898 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. 0.001 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

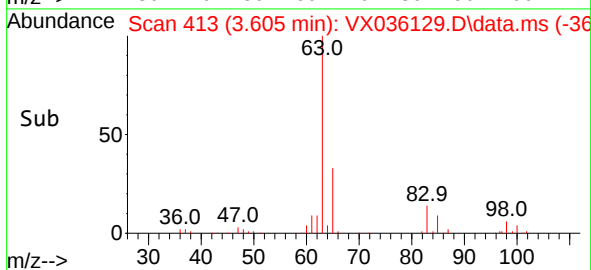
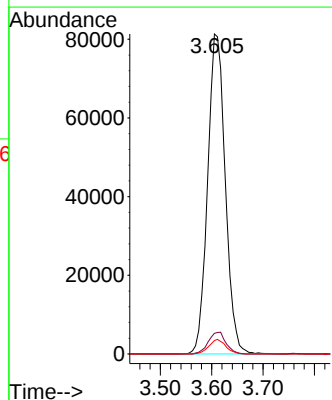
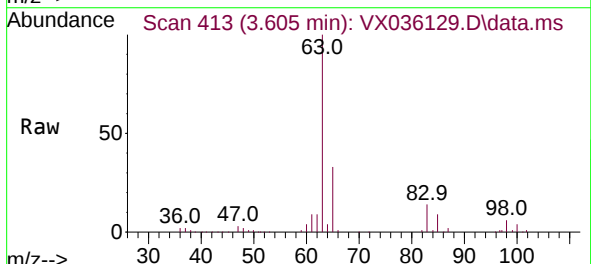
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

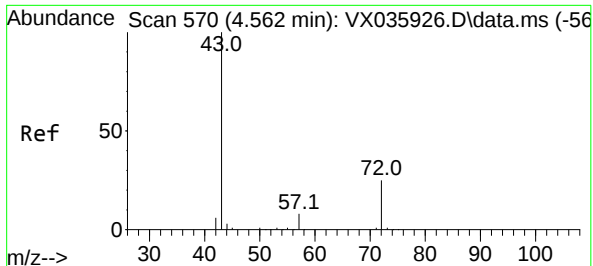
Tgt Ion: 43 Resp: 1399513  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.8 11.6



#24  
 1,1-Dichloroethane  
 Concen: 53.422 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

Tgt Ion: 63 Resp: 194217  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.5  
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 299.995 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

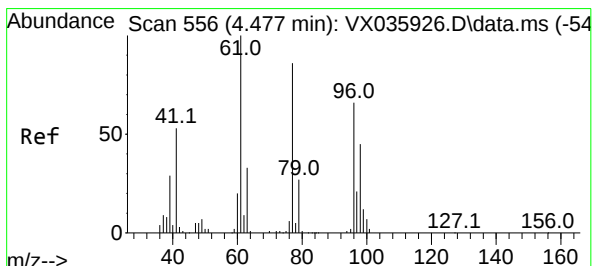
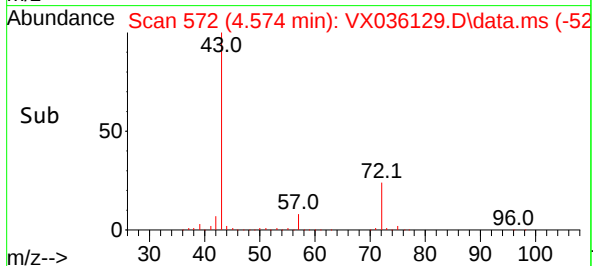
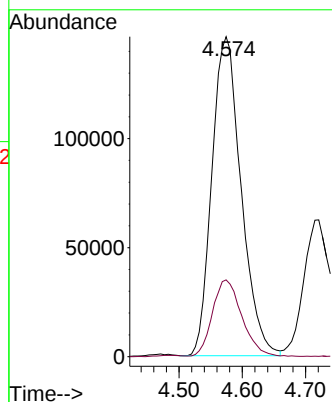
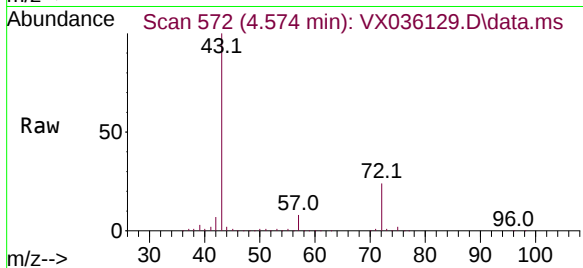
VSTDCCC050EC

Tgt Ion: 43 Resp: 470039

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 56.326 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.007 min

Lab File: VX036129.D

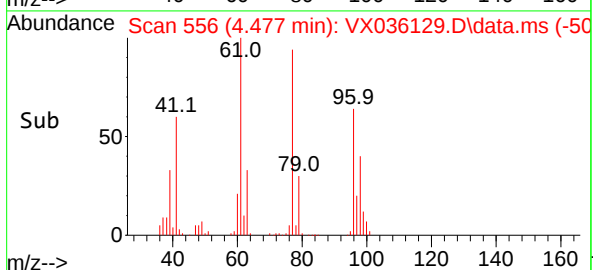
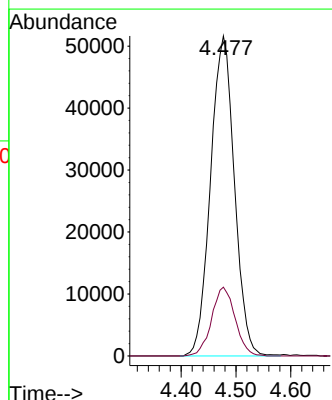
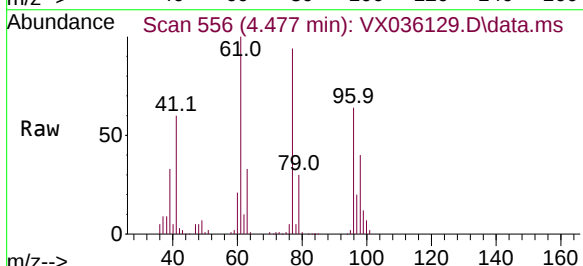
Acq: 12 Jun 2023 17:36

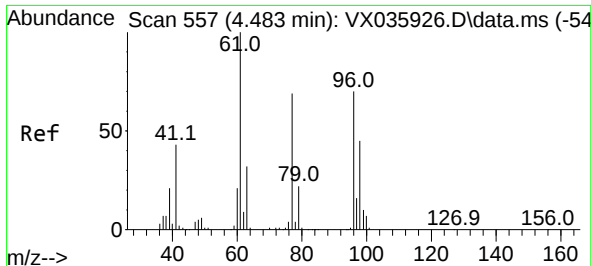
Tgt Ion: 77 Resp: 156085

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 50.529 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

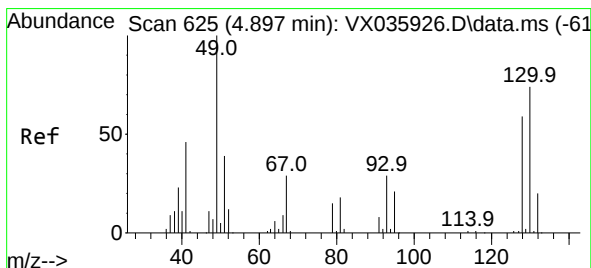
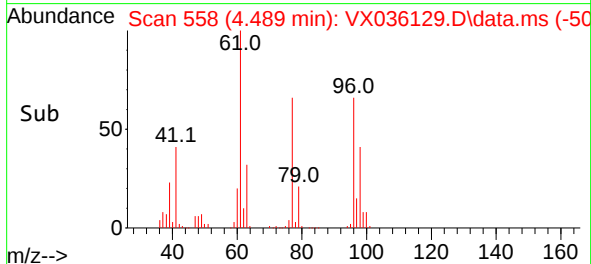
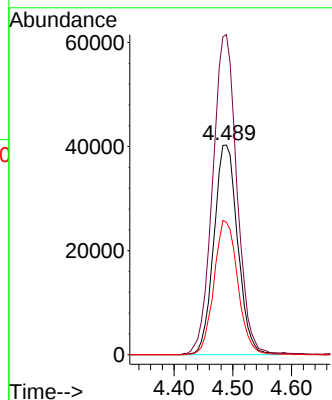
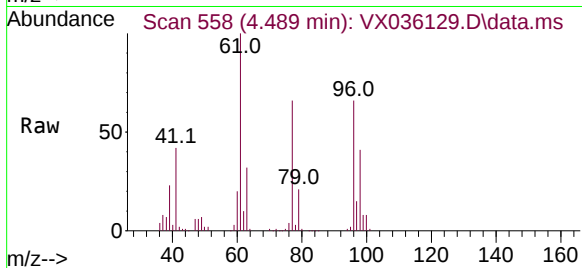
Tgt Ion: 96 Resp: 113645

Ion Ratio Lower Upper

96 100

61 155.5 0.0 312.6

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 53.086 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

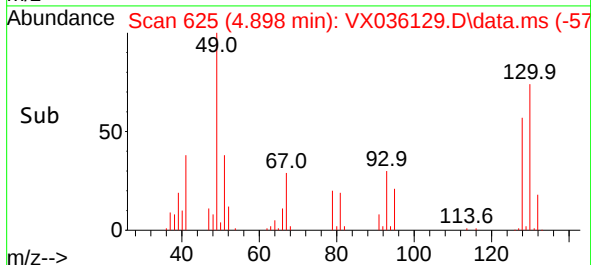
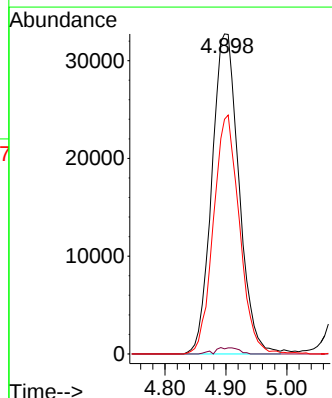
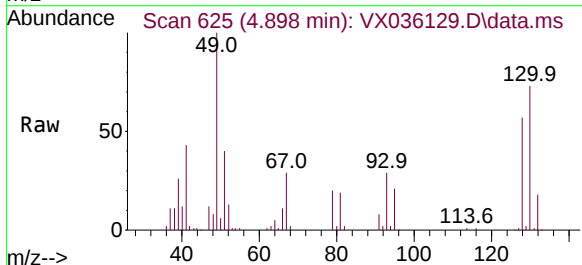
Tgt Ion: 49 Resp: 101064

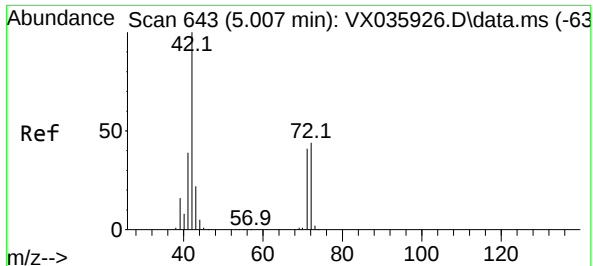
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 72.0 55.8 83.8





#29

Tetrahydrofuran

Concen: 300.451 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

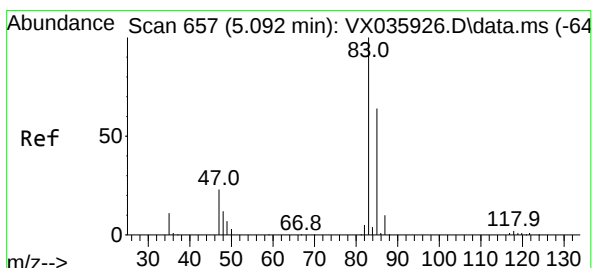
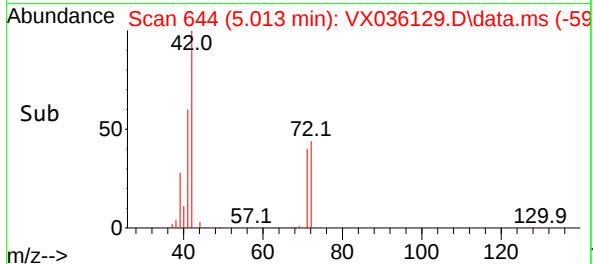
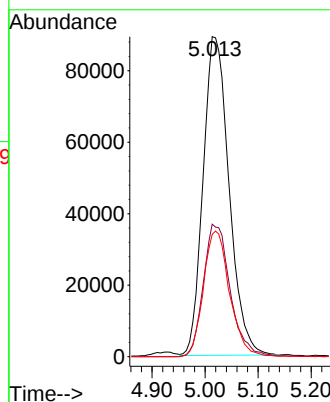
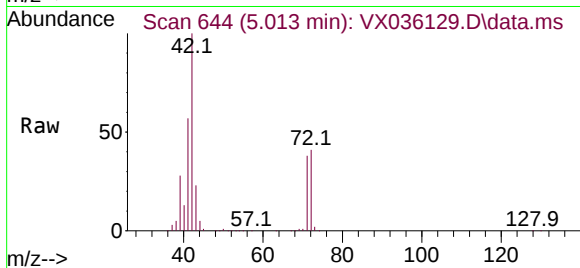
Tgt Ion: 42 Resp: 303359

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.2

71 39.8 31.8 47.8



#30

Chloroform

Concen: 55.368 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX036129.D

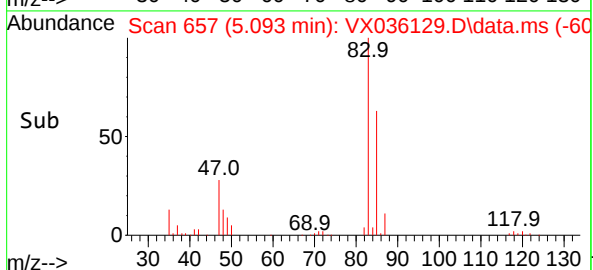
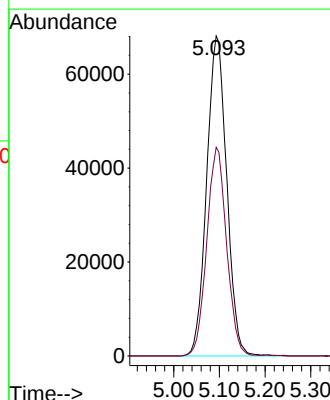
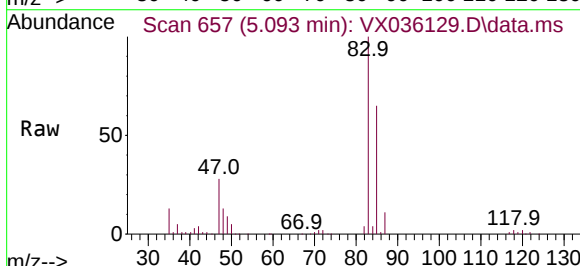
Acq: 12 Jun 2023 17:36

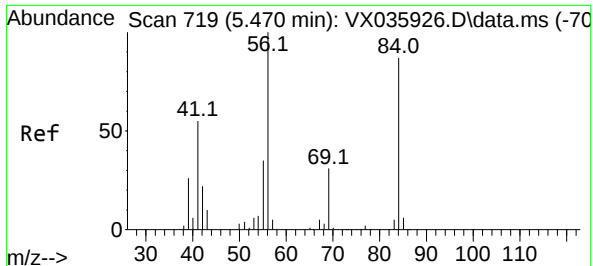
Tgt Ion: 83 Resp: 207332

Ion Ratio Lower Upper

83 100

85 65.2 51.0 76.4

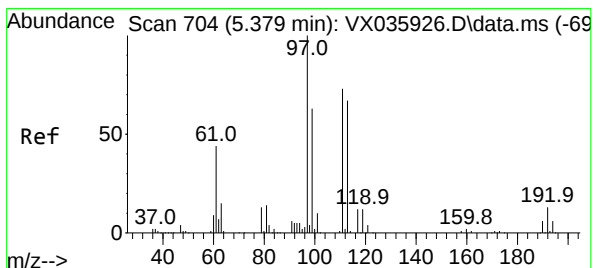
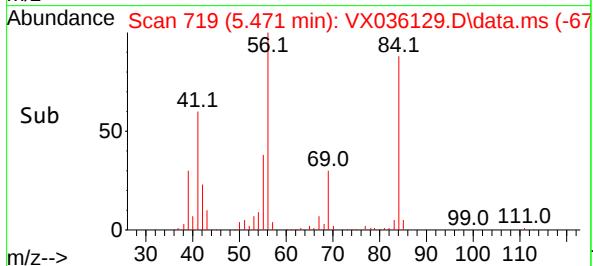
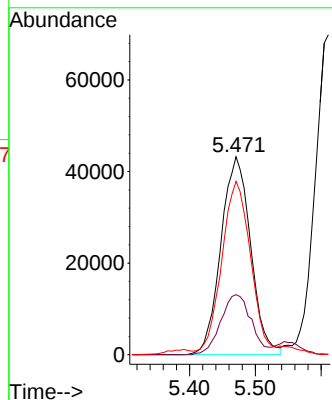
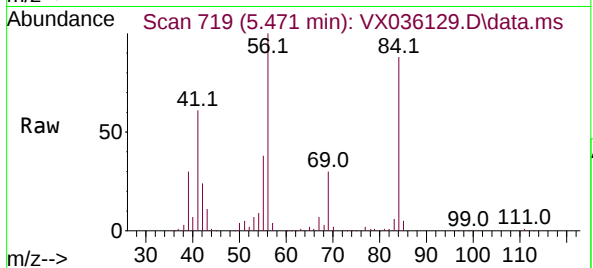




#31  
Cyclohexane  
Concen: 48.908 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

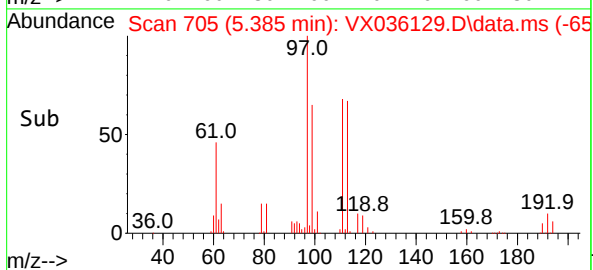
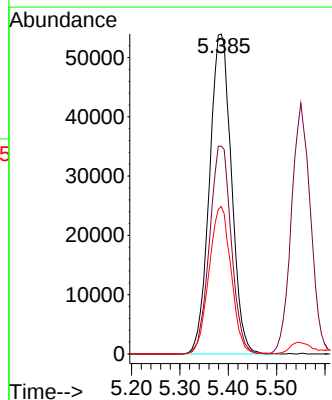
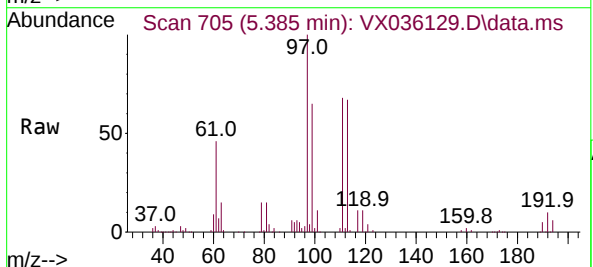
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

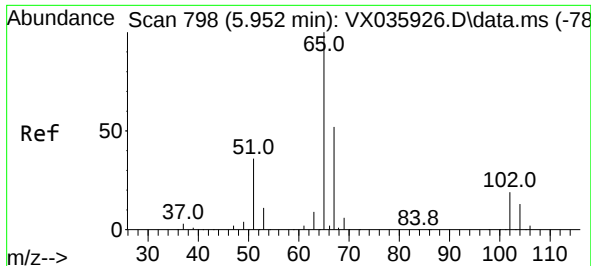
Tgt Ion: 56 Resp: 135878  
Ion Ratio Lower Upper  
56 100  
69 29.9 25.9 38.9  
84 85.3 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 53.732 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 97 Resp: 170025  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.2 76.8  
61 46.5 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 57.959 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

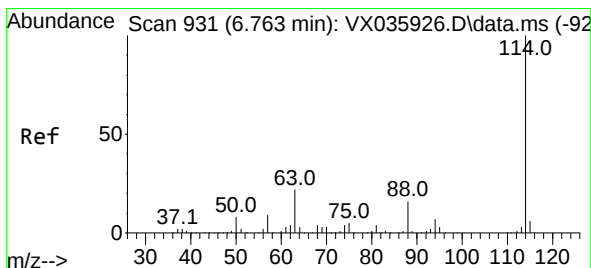
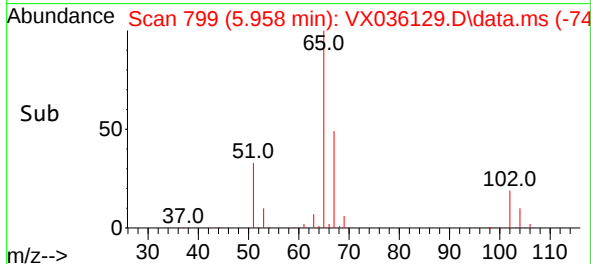
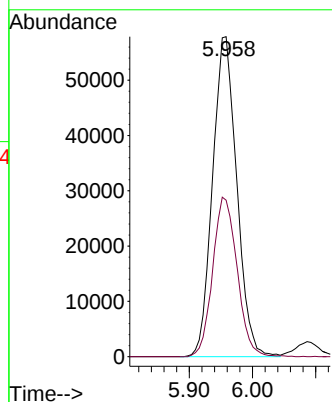
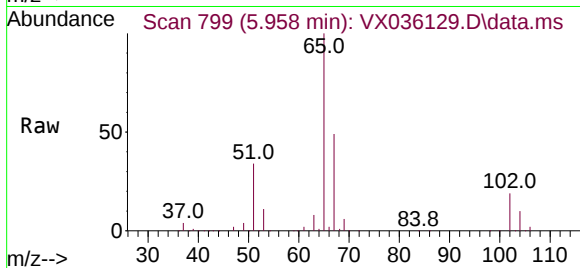
VSTDCCC050EC

Tgt Ion: 65 Resp: 153791

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

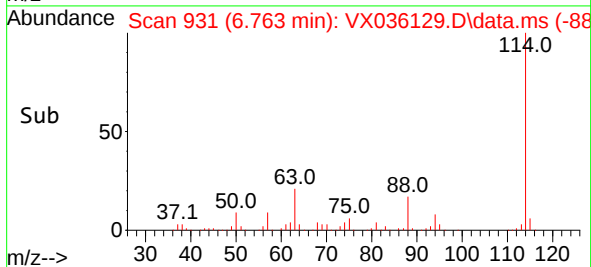
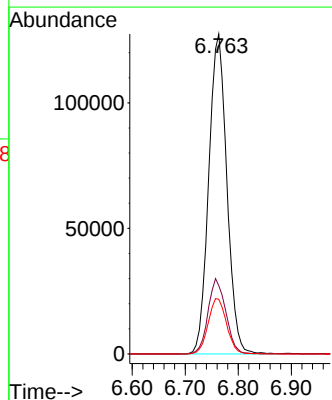
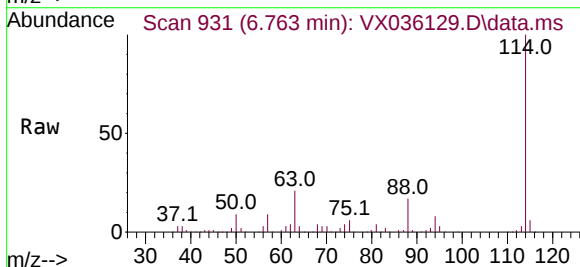
Tgt Ion: 114 Resp: 302480

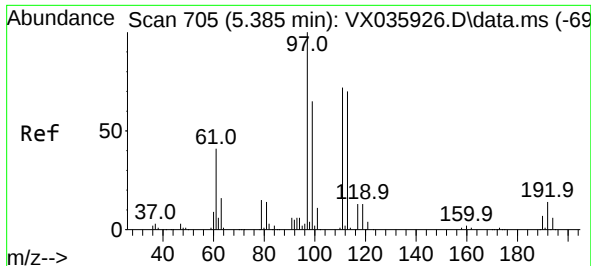
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.0

88 17.1 0.0 35.2

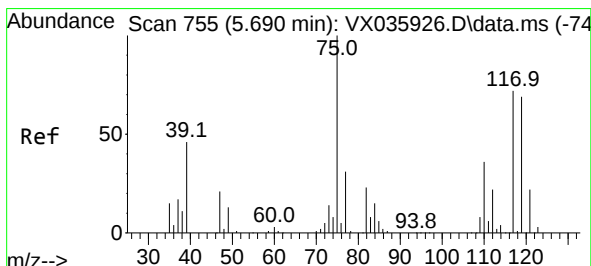
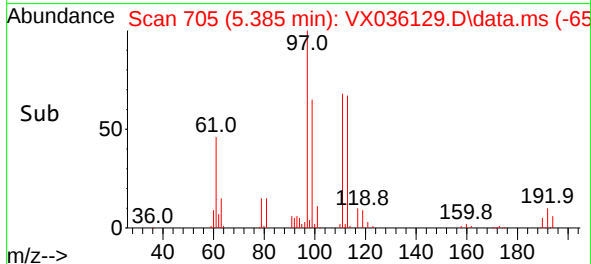
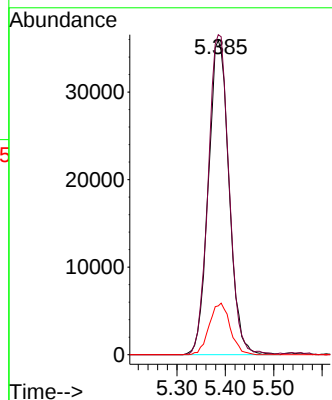
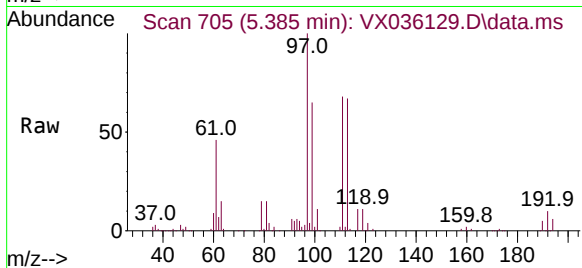




#35  
Dibromofluoromethane  
Concen: 52.397 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

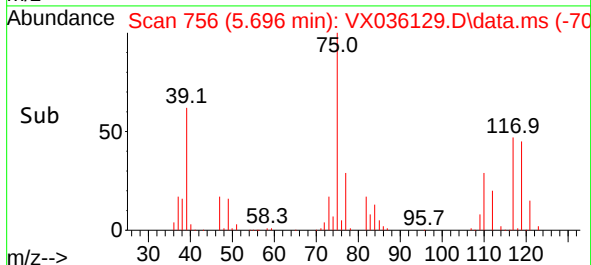
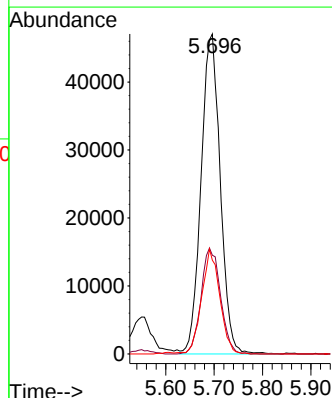
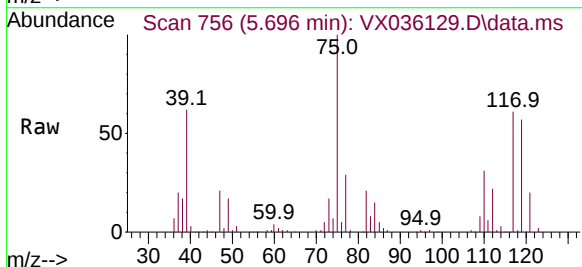
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

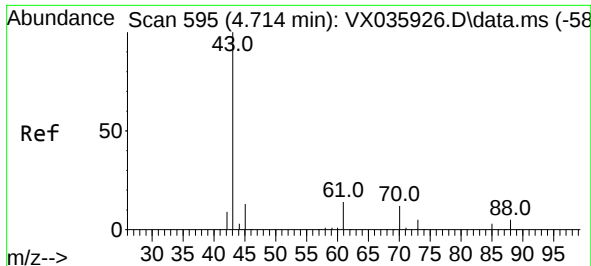
Tgt Ion:113 Resp: 106600  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.7 122.5  
192 16.6 13.5 20.3



#36  
1,1-Dichloropropene  
Concen: 47.873 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 75 Resp: 129862  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.6 49.7  
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 63.557 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

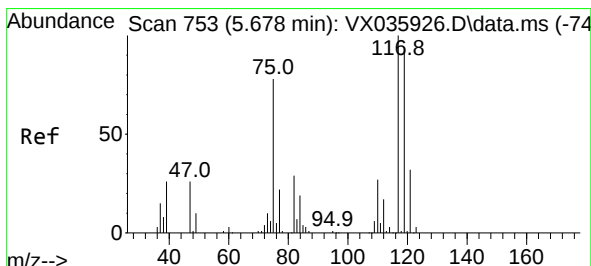
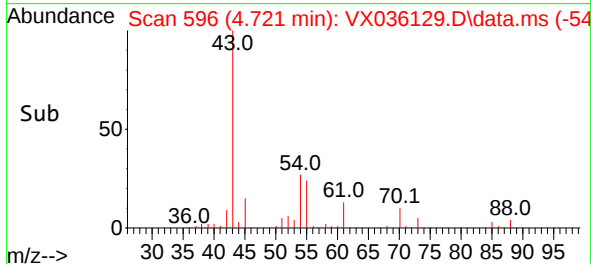
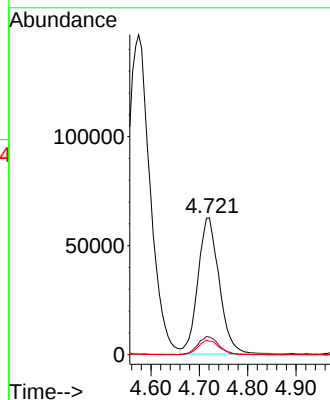
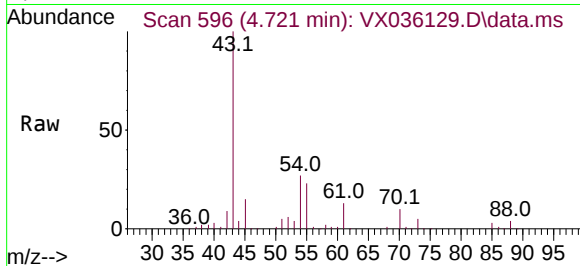
Tgt Ion: 43 Resp: 192006

Ion Ratio Lower Upper

43 100

61 13.3 10.3 15.5

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.885 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

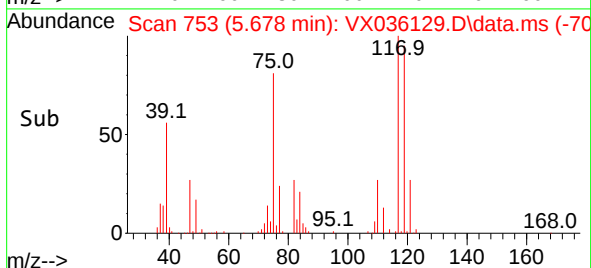
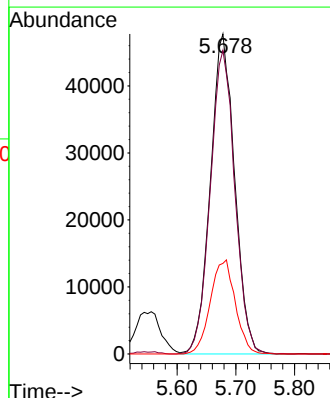
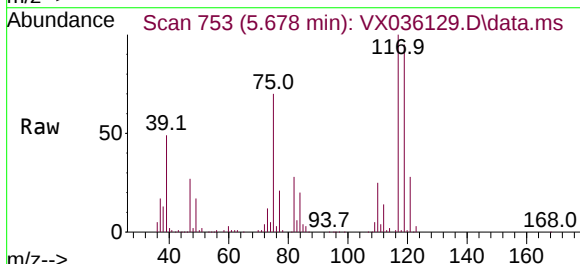
Tgt Ion:117 Resp: 137158

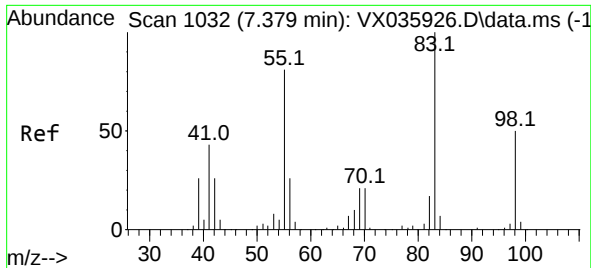
Ion Ratio Lower Upper

117 100

119 94.7 74.1 111.1

121 28.3 25.0 37.4

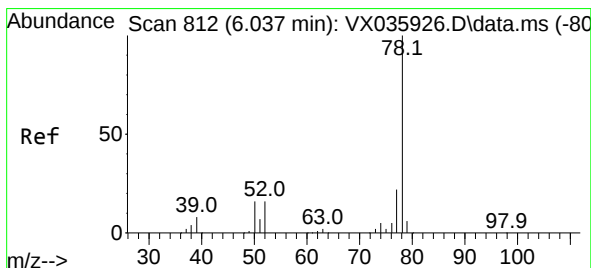
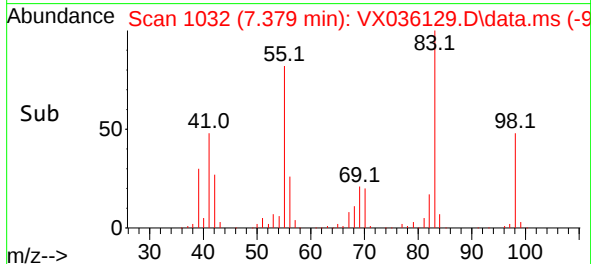
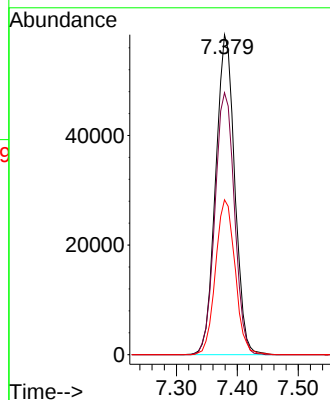
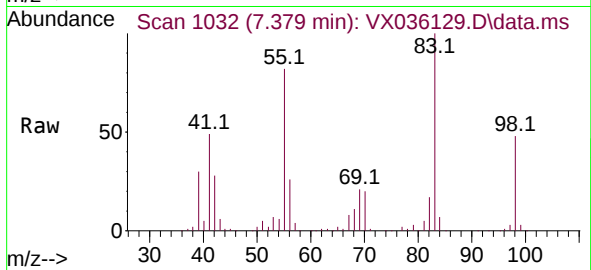




#39  
Methylcyclohexane  
Concen: 44.910 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

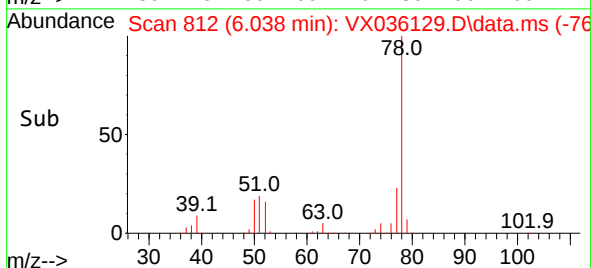
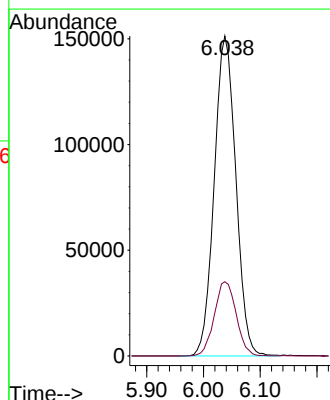
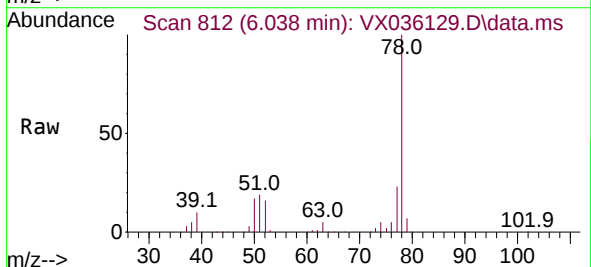
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

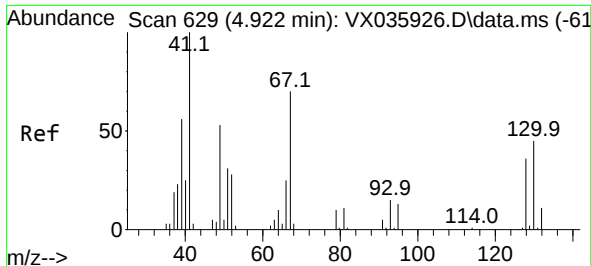
Tgt Ion: 83 Resp: 127107  
Ion Ratio Lower Upper  
83 100  
55 81.9 64.9 97.3  
98 48.4 38.1 57.1



#40  
Benzene  
Concen: 49.153 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 78 Resp: 400170  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6



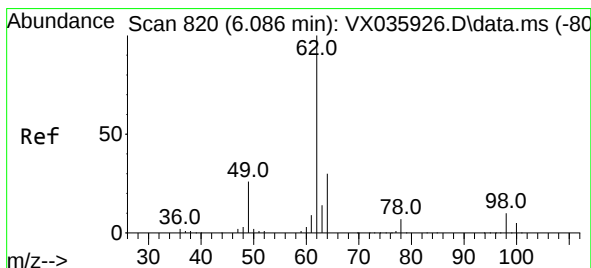
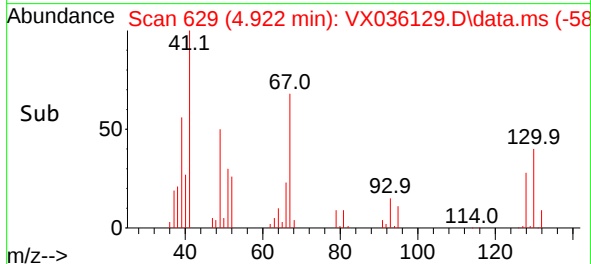
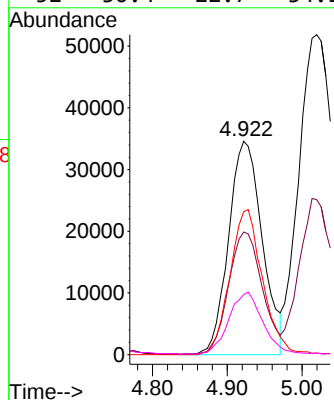
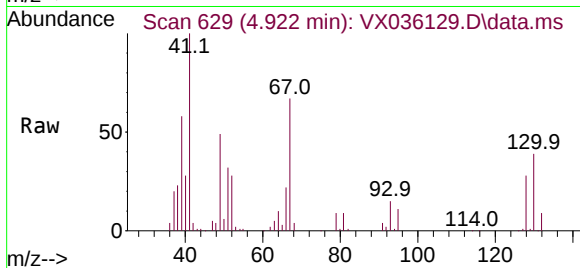


#41  
Methacrylonitrile  
Concen: 63.256 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 108407

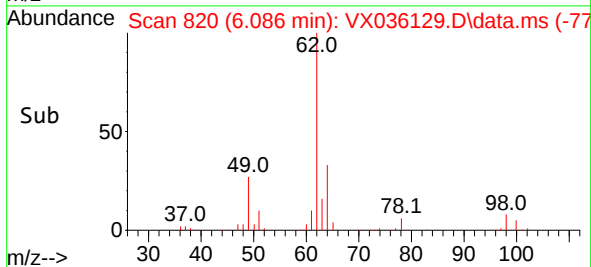
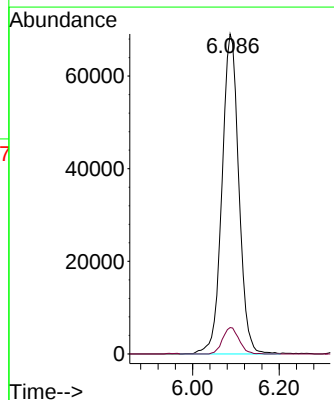
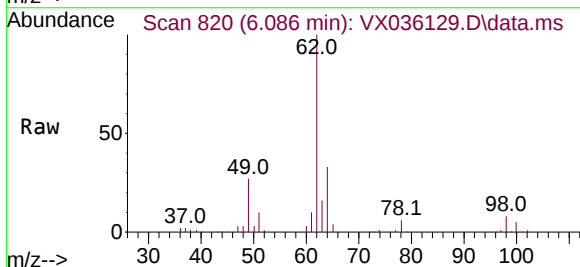
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.1  | 45.6  | 68.4  |
| 67  | 66.2  | 51.8  | 77.6  |
| 52  | 30.4  | 22.7  | 34.1  |

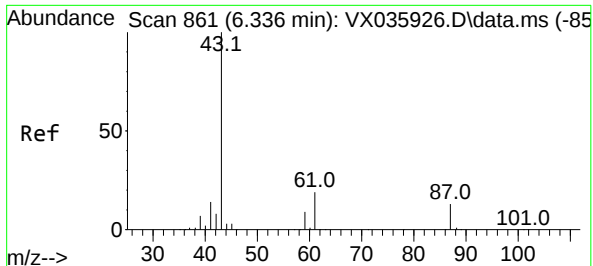


#42  
1,2-Dichloroethane  
Concen: 57.987 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 62 Resp: 186952

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.1   | 0.0   | 16.0  |

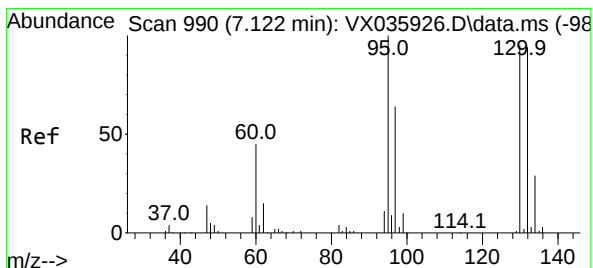
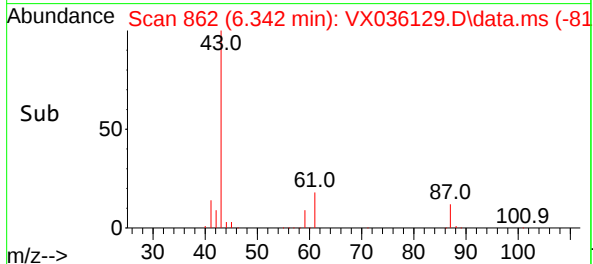
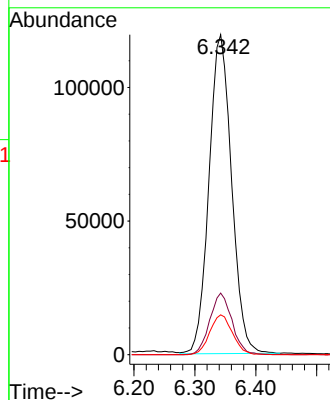
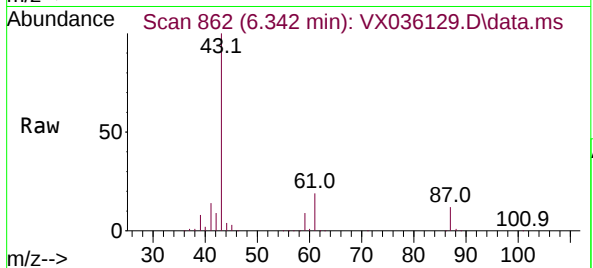




#43  
Isopropyl Acetate  
Concen: 61.806 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

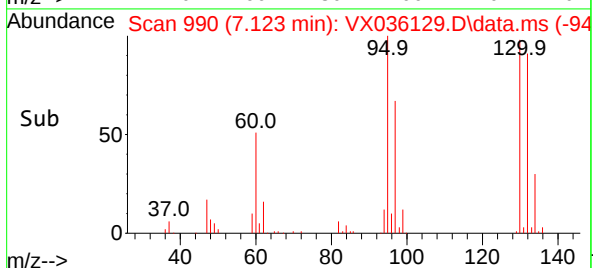
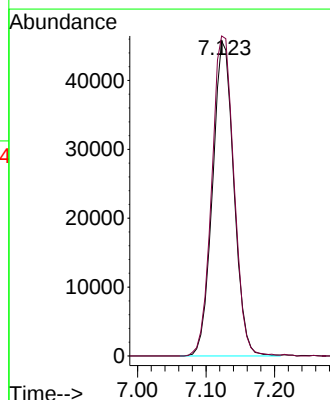
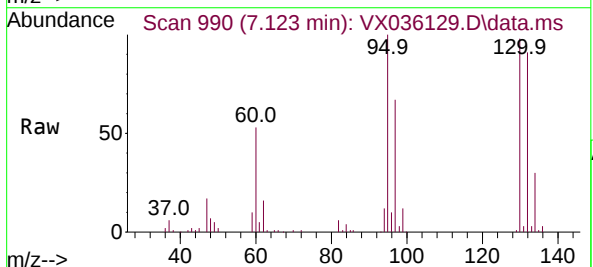
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

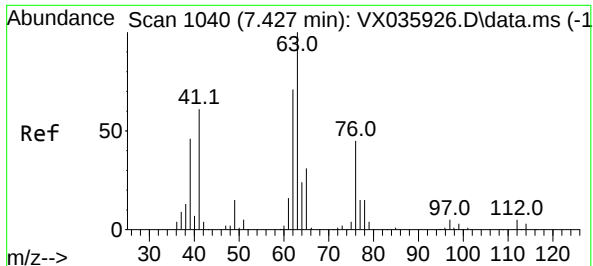
Tgt Ion: 43 Resp: 307016  
Ion Ratio Lower Upper  
43 100  
61 19.0 15.0 22.4  
87 12.6 9.9 14.9



#44  
Trichloroethene  
Concen: 46.688 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 130 Resp: 98603  
Ion Ratio Lower Upper  
130 100  
95 101.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 53.026 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

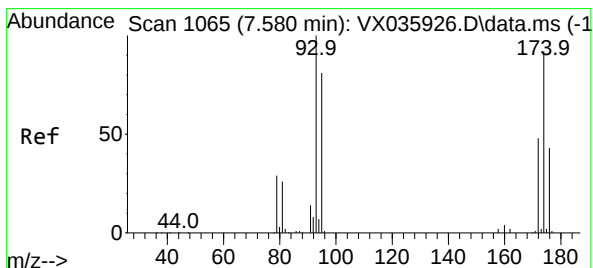
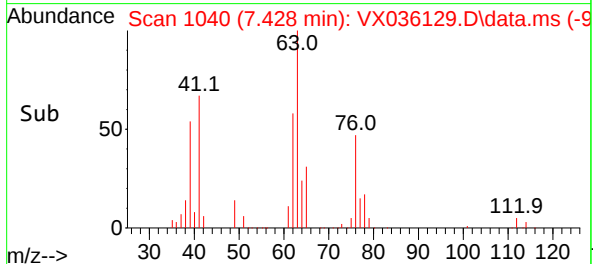
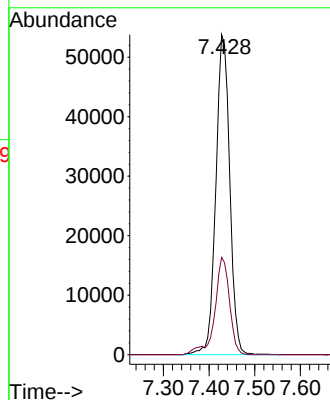
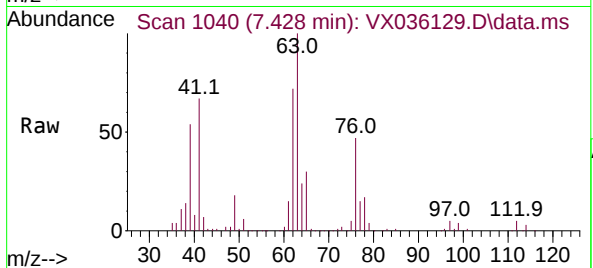
VSTDCCC050EC

Tgt Ion: 63 Resp: 113624

Ion Ratio Lower Upper

63 100

65 30.4 24.8 37.2



#46

Dibromomethane

Concen: 53.973 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

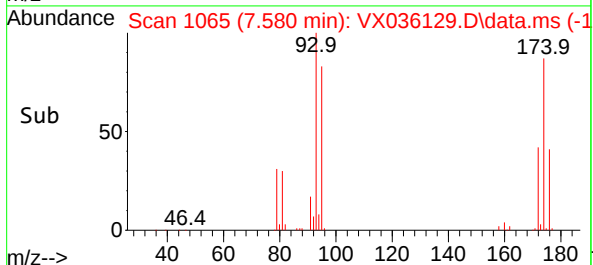
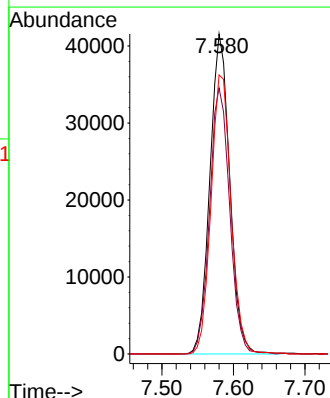
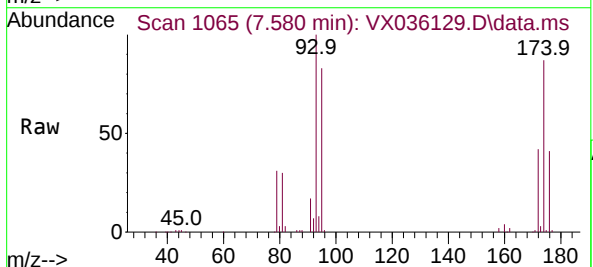
Tgt Ion: 93 Resp: 80340

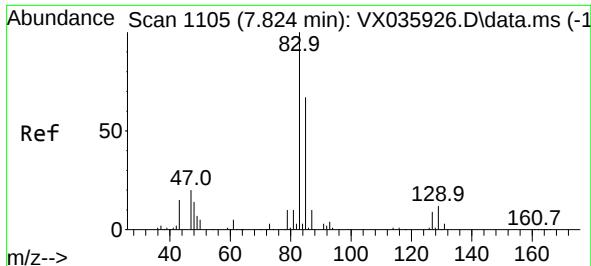
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 87.8 69.5 104.3

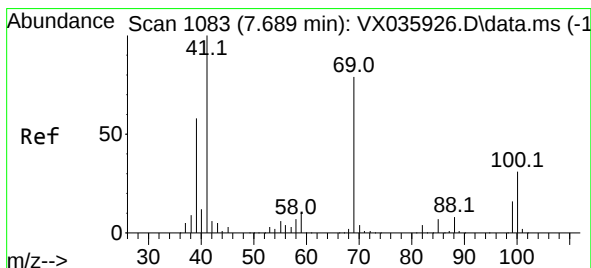
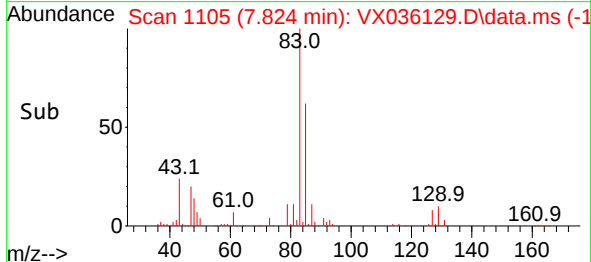
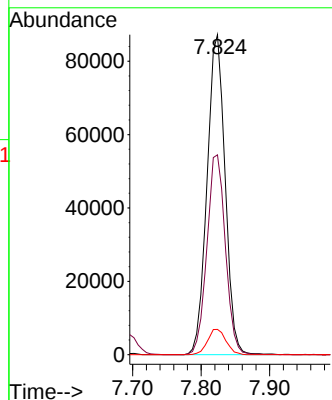
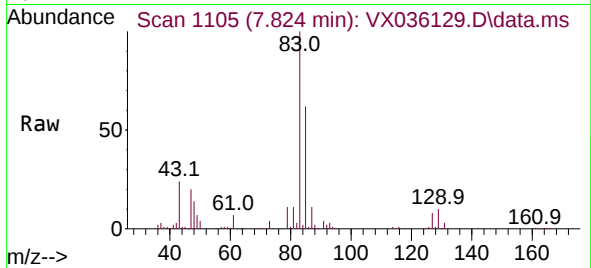




#47  
Bromodichloromethane  
Concen: 57.183 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

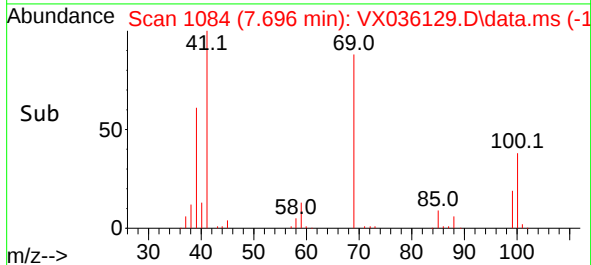
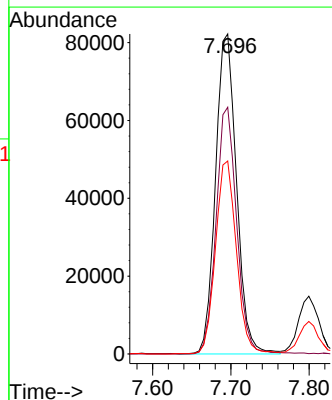
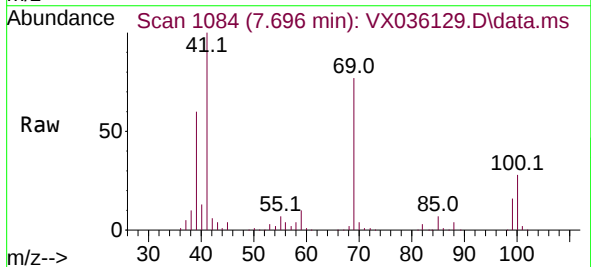
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

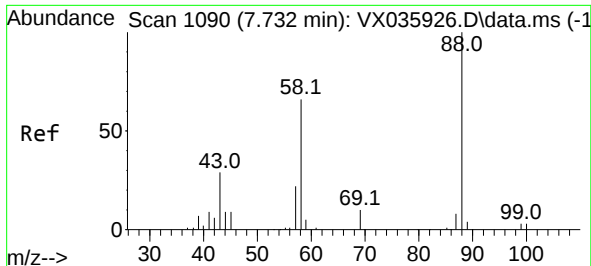
Tgt Ion: 83 Resp: 160112  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.3 76.9  
127 7.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 63.021 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.007 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 41 Resp: 153520  
Ion Ratio Lower Upper  
41 100  
69 75.6 59.0 88.6  
39 60.2 48.4 72.6





#49

1,4-Dioxane

Concen: 1051.177 ug/l

RT: 7.745 min Scan# 1

Delta R.T. 0.031 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

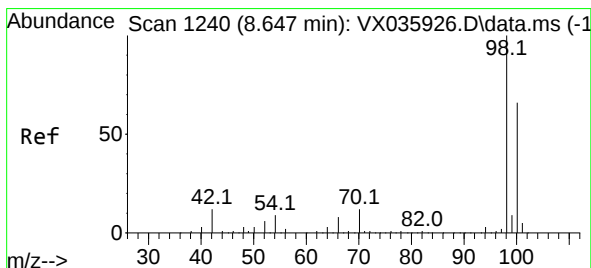
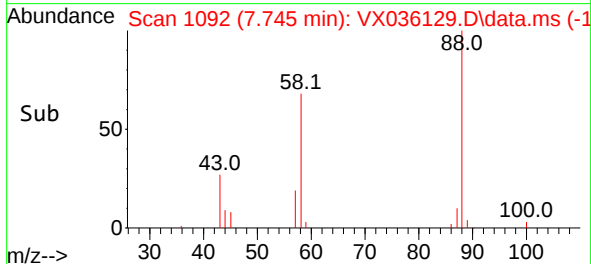
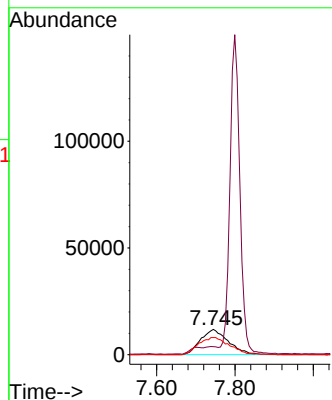
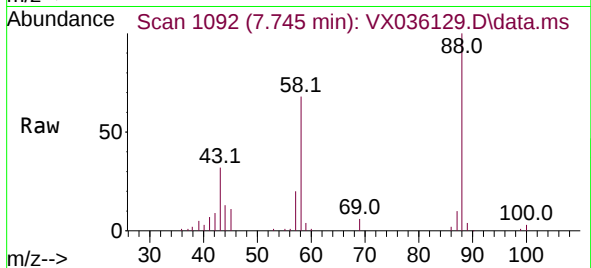
Tgt Ion: 88 Resp: 58646

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 75.7 58.9 88.3



#50

Toluene-d8

Concen: 50.105 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036129.D

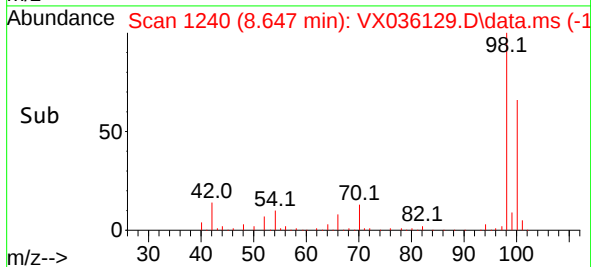
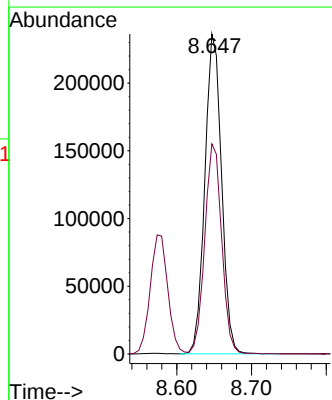
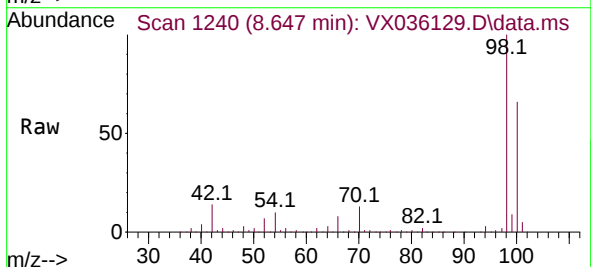
Acq: 12 Jun 2023 17:36

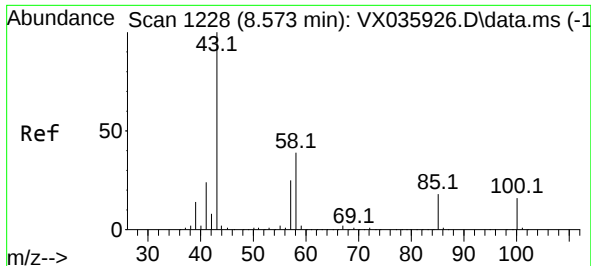
Tgt Ion: 98 Resp: 365848

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0

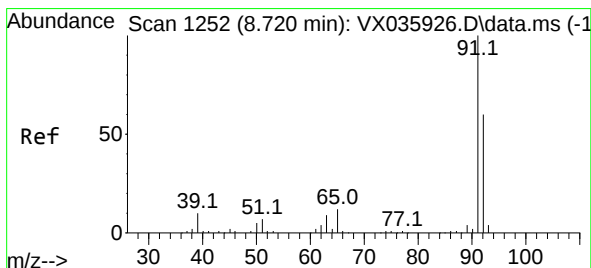
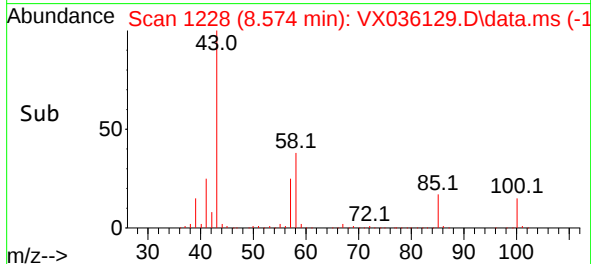
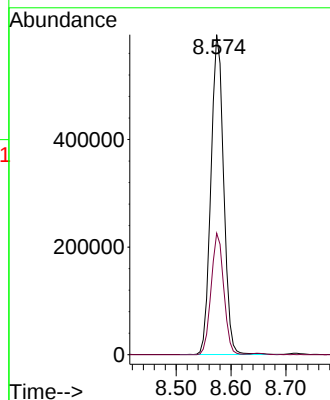
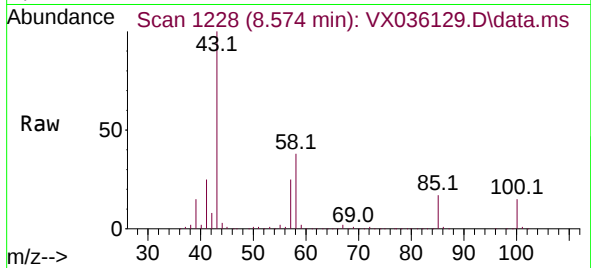




#51  
4-Methyl-2-Pentanone  
Concen: 314.814 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

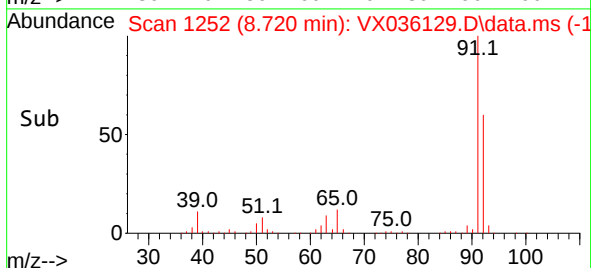
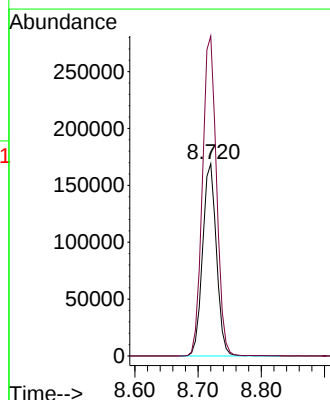
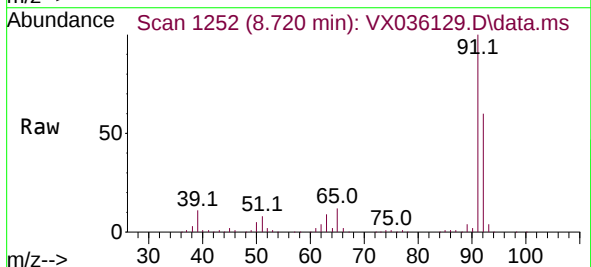
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

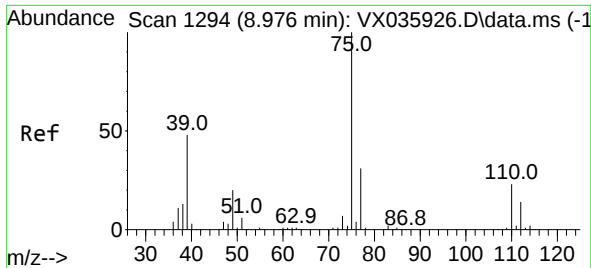
Tgt Ion: 43 Resp: 954556  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.1 45.1



#52  
Toluene  
Concen: 50.389 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 92 Resp: 257912  
Ion Ratio Lower Upper  
92 100  
91 169.1 133.5 200.3

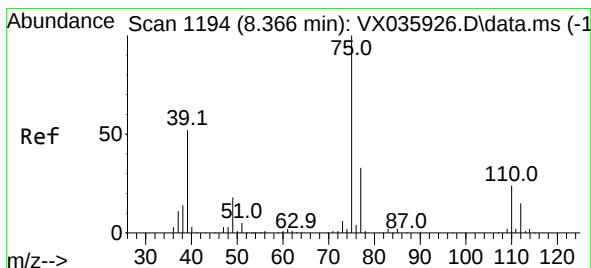
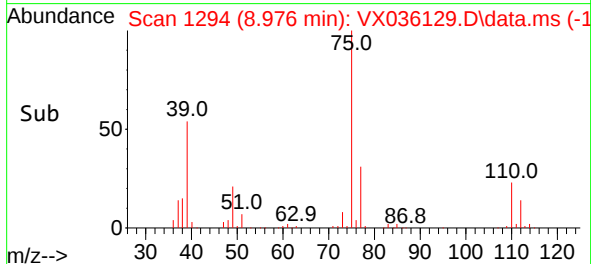
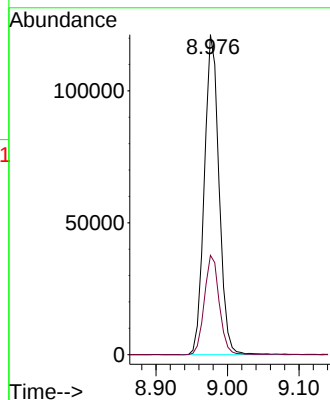
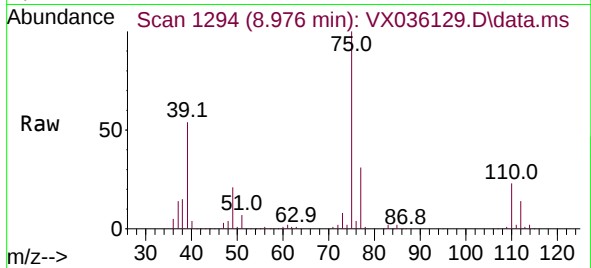




#53  
 t-1,3-Dichloropropene  
 Concen: 58.529 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

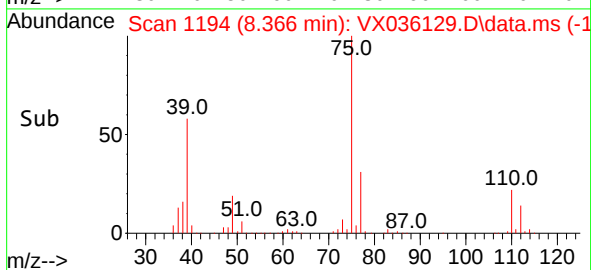
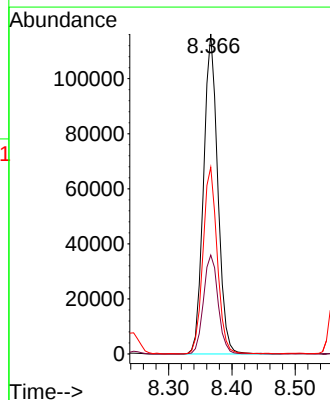
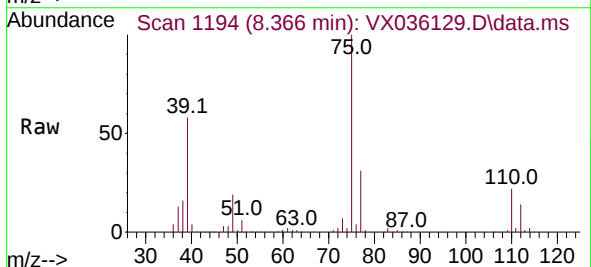
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

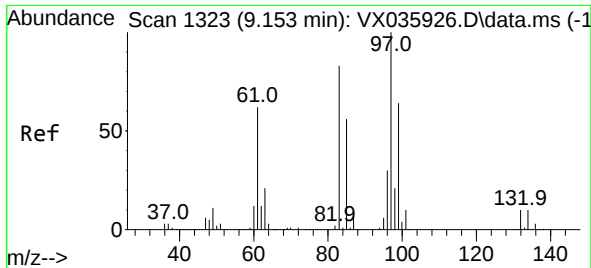
Tgt Ion: 75 Resp: 173238  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.631 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

Tgt Ion: 75 Resp: 181830  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 24.7 37.1  
 39 58.3 47.0 70.6



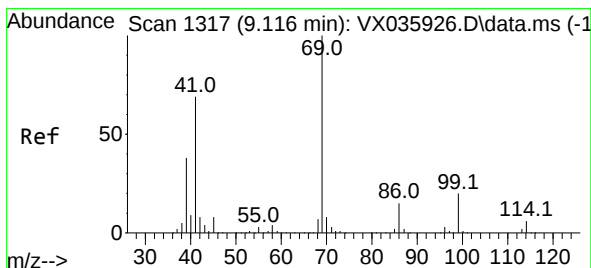
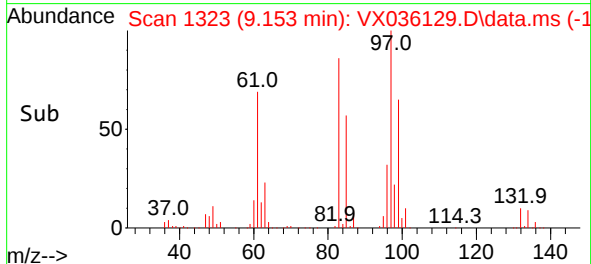
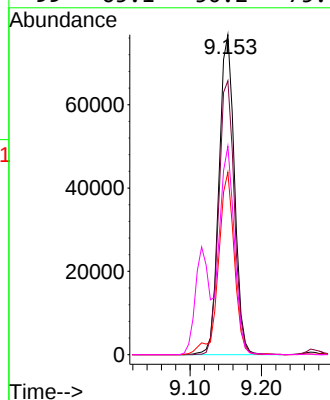
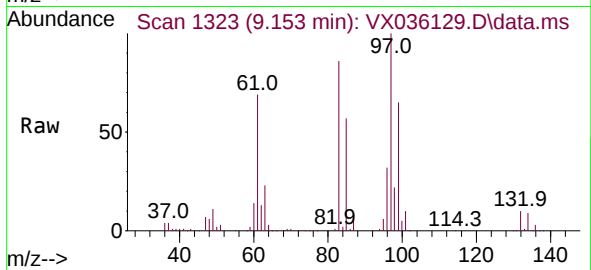


#55  
1,1,2-Trichloroethane  
Concen: 54.162 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 115502

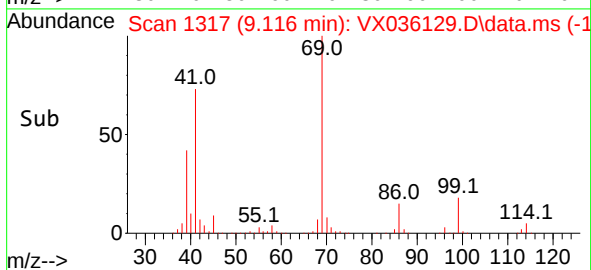
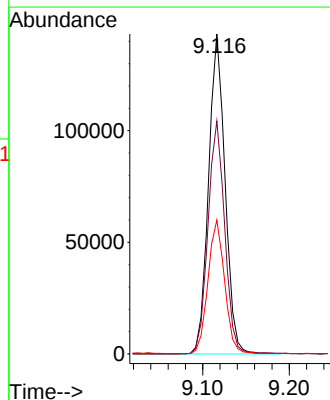
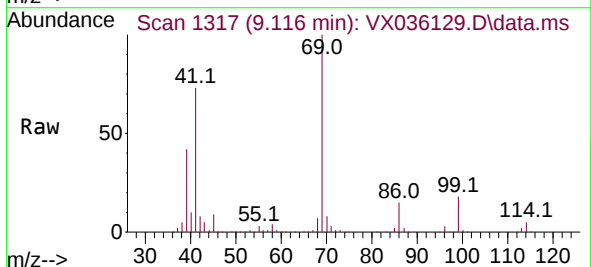
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.6  | 68.3  | 102.5 |
| 85  | 57.0  | 44.2  | 66.2  |
| 99  | 65.1  | 50.2  | 75.4  |

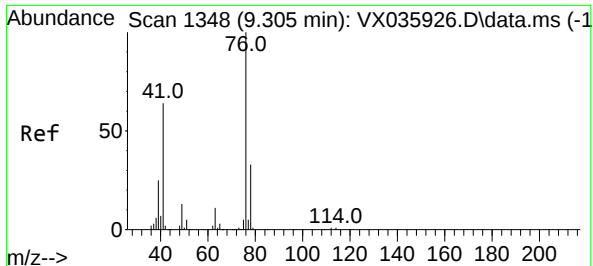


#56  
Ethyl methacrylate  
Concen: 59.498 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 69 Resp: 189694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.9  | 58.9  | 88.3  |
| 39  | 42.3  | 33.4  | 50.0  |





#57

1,3-Dichloropropane

Concen: 54.424 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

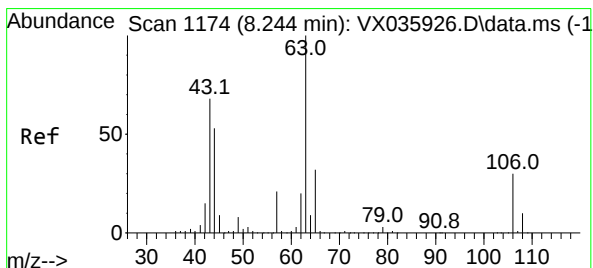
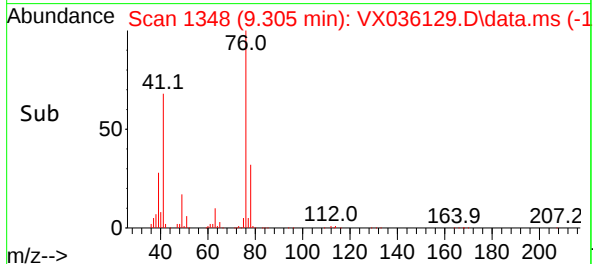
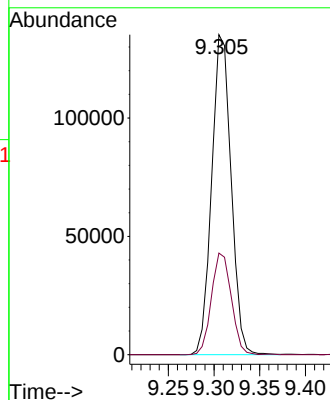
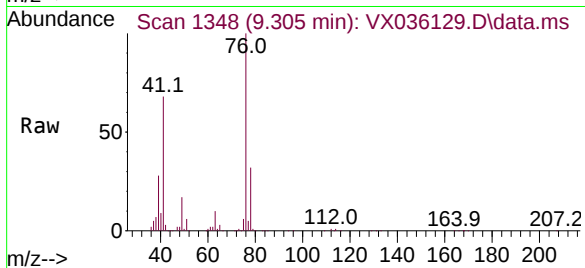
VSTDCCC050EC

Tgt Ion: 76 Resp: 199735

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 295.401 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX036129.D

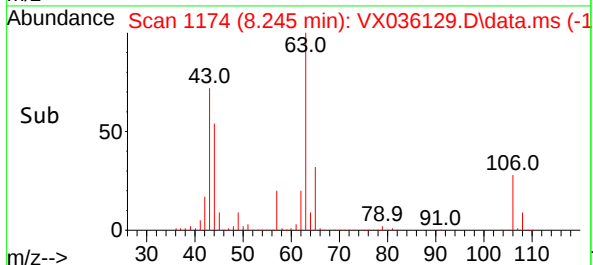
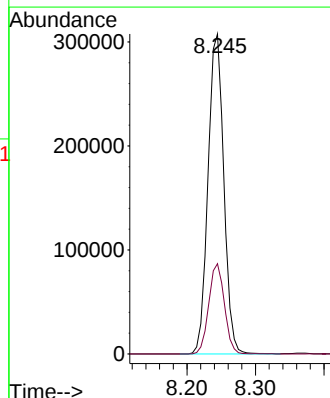
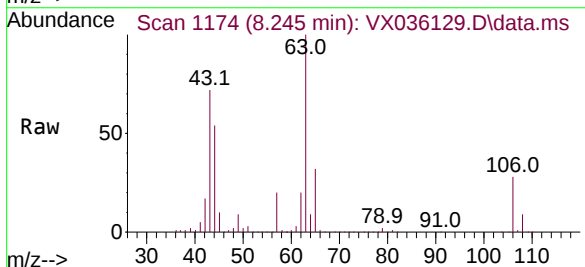
Acq: 12 Jun 2023 17:36

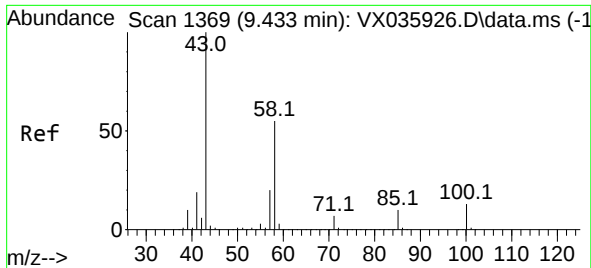
Tgt Ion: 63 Resp: 493486

Ion Ratio Lower Upper

63 100

106 28.0 22.3 33.5

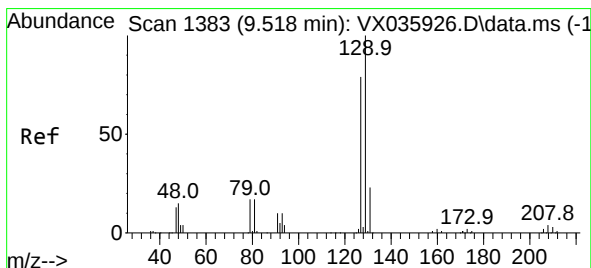
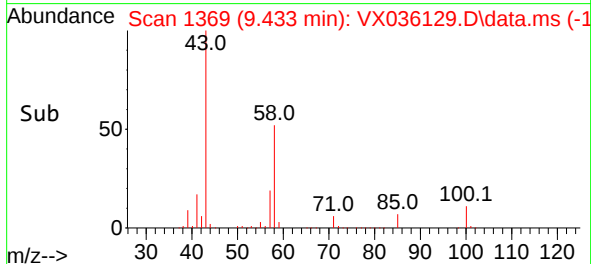
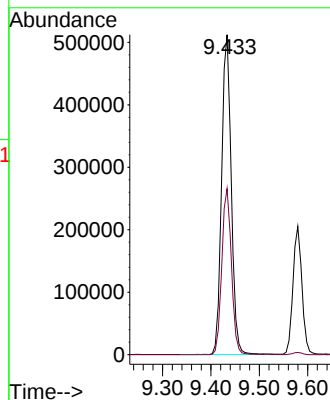
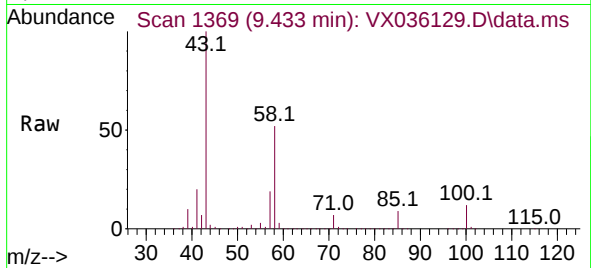




#59  
2-Hexanone  
Concen: 315.504 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

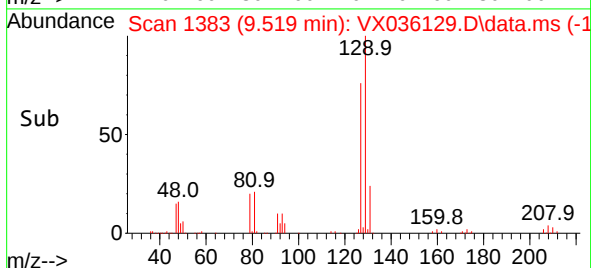
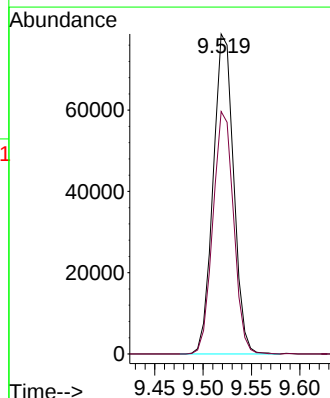
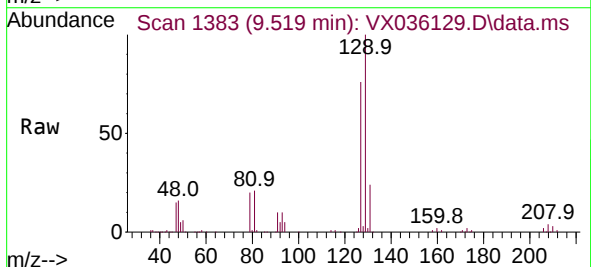
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

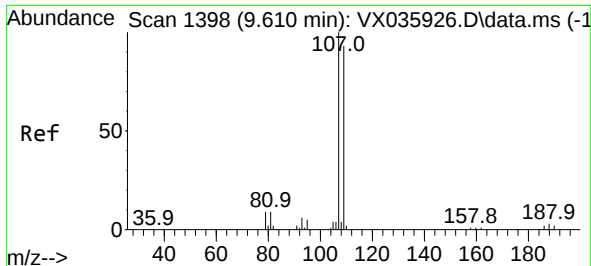
Tgt Ion: 43 Resp: 707259  
Ion Ratio Lower Upper  
43 100  
58 51.8 26.3 78.8



#60  
Dibromochloromethane  
Concen: 55.780 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.005 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 129 Resp: 115474  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.4 115.1

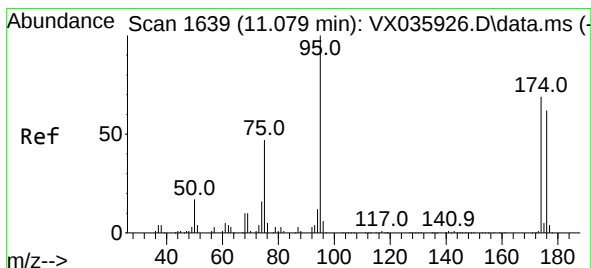
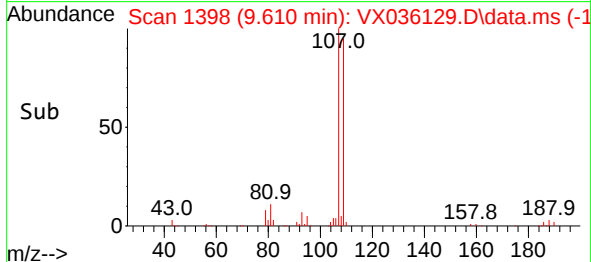
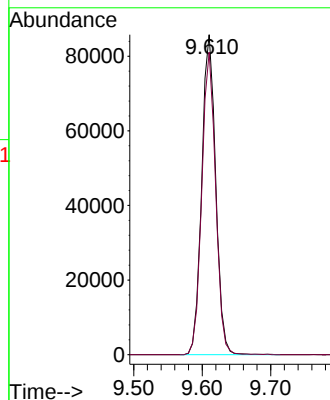
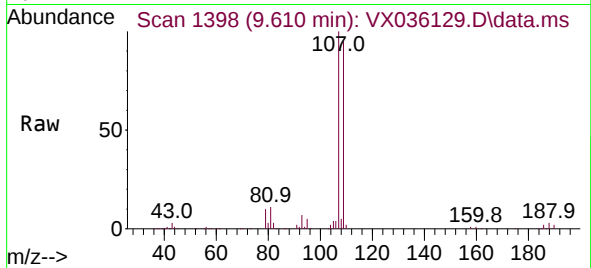




#61  
1,2-Dibromoethane  
Concen: 55.835 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

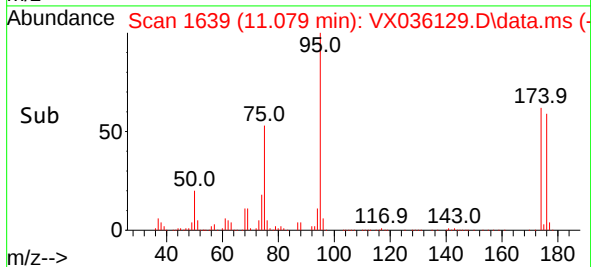
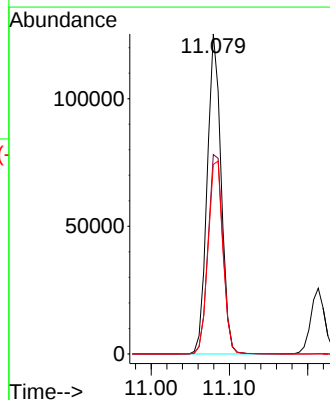
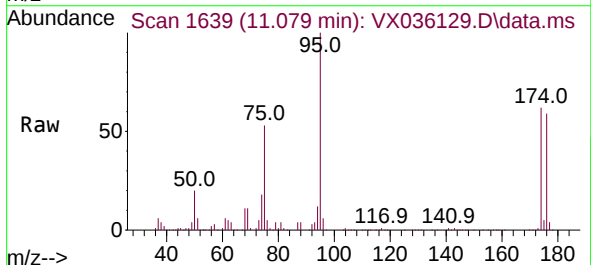
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

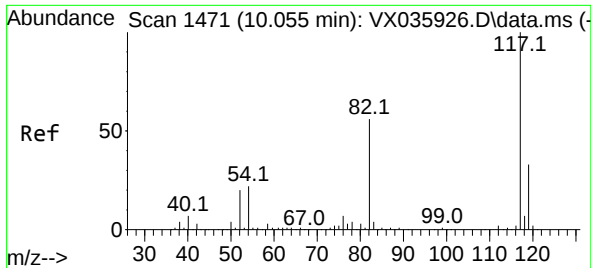
Tgt Ion:107 Resp: 121726  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 53.510 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 95 Resp: 154235  
Ion Ratio Lower Upper  
95 100  
174 66.4 0.0 132.6  
176 64.4 0.0 128.0

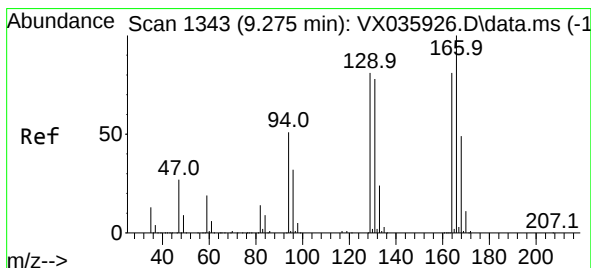
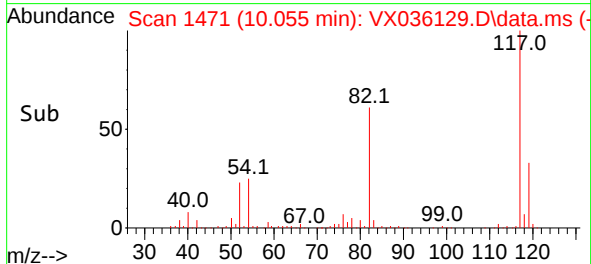
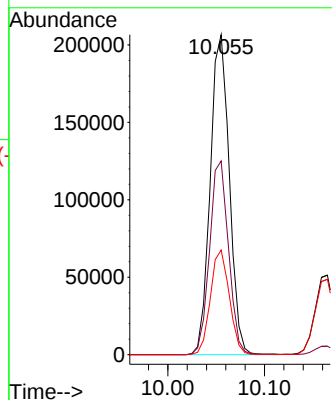
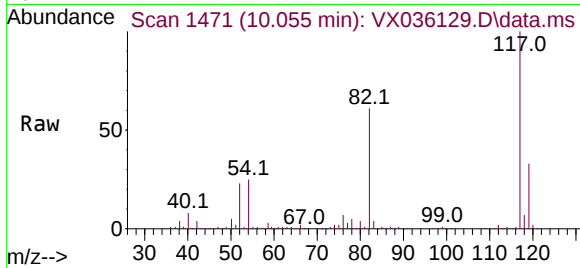




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

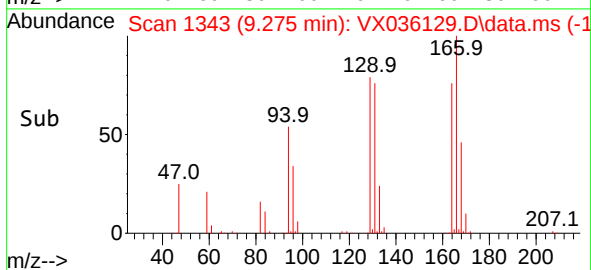
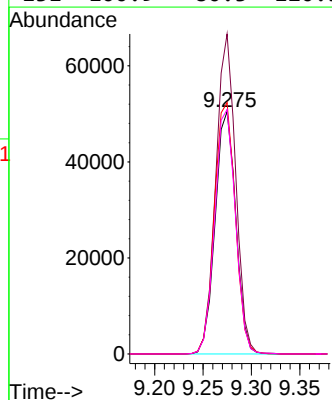
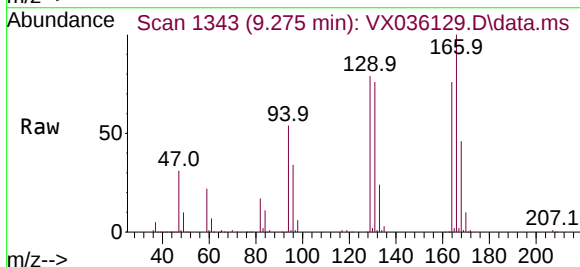
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

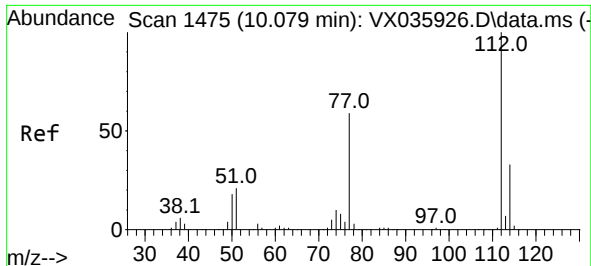
Tgt Ion:117 Resp: 283357  
Ion Ratio Lower Upper  
117 100  
82 60.6 46.6 69.8  
119 32.7 25.4 38.2



#64  
Tetrachloroethene  
Concen: 41.961 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion:164 Resp: 74718  
Ion Ratio Lower Upper  
164 100  
166 132.0 104.4 156.6  
129 103.7 82.0 123.0  
131 100.9 80.3 120.5

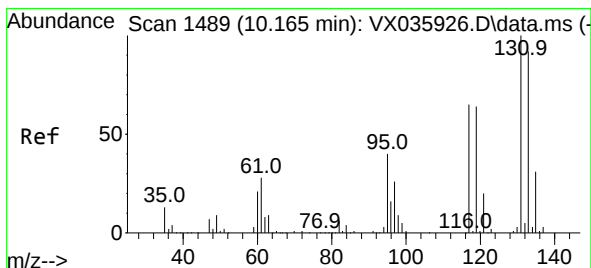
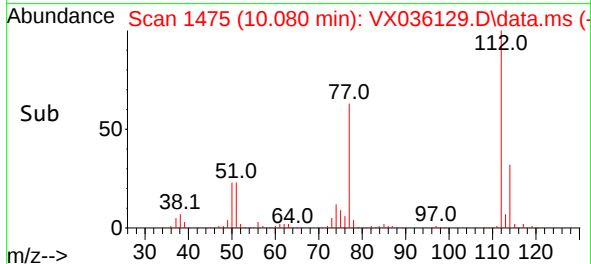
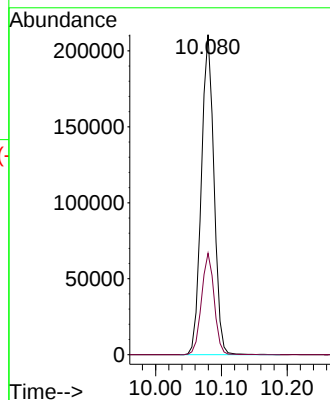
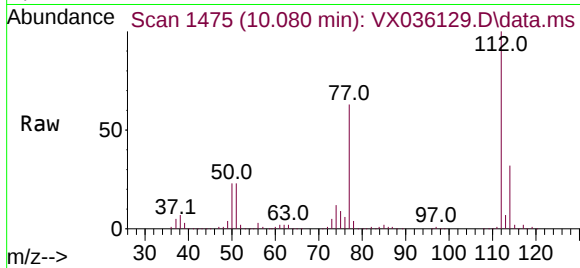




#65  
Chlorobenzene  
Concen: 49.126 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

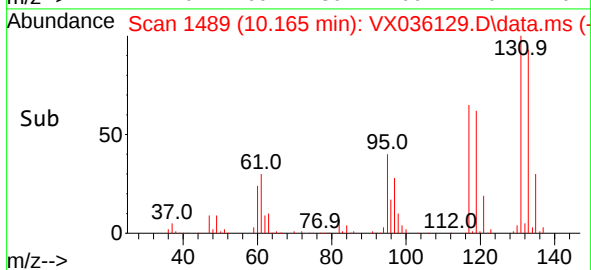
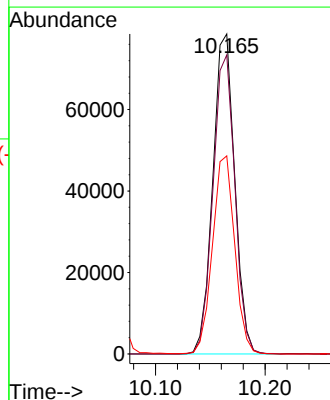
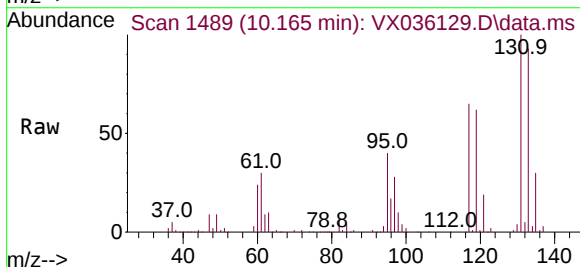
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

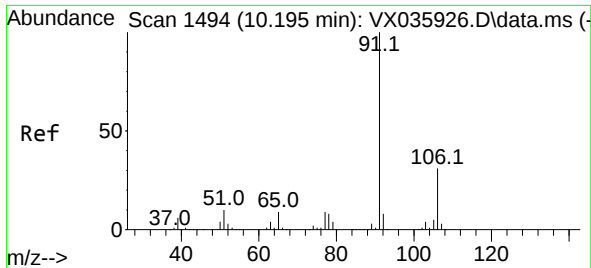
Tgt Ion:112 Resp: 280876  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.271 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion:131 Resp: 109134  
Ion Ratio Lower Upper  
131 100  
133 93.4 48.1 144.3  
119 62.8 32.1 96.5

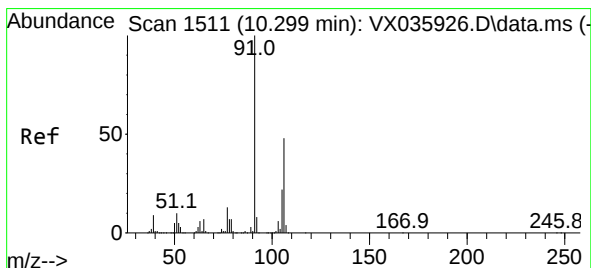
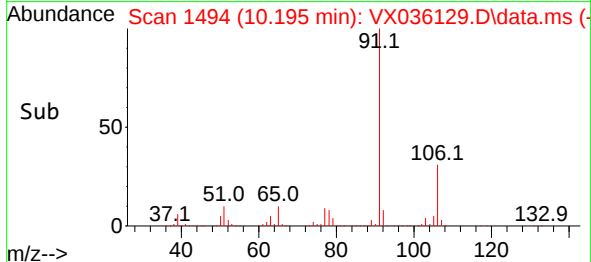
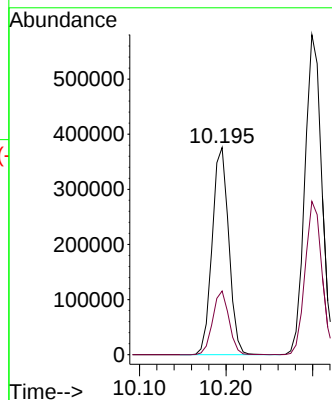
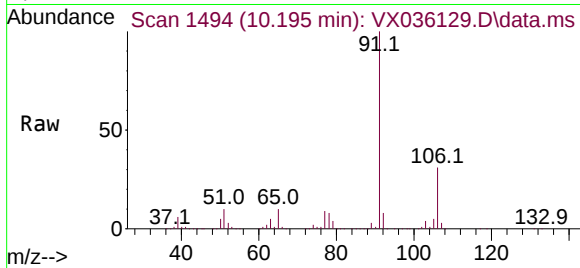




#67  
Ethyl Benzene  
Concen: 49.022 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

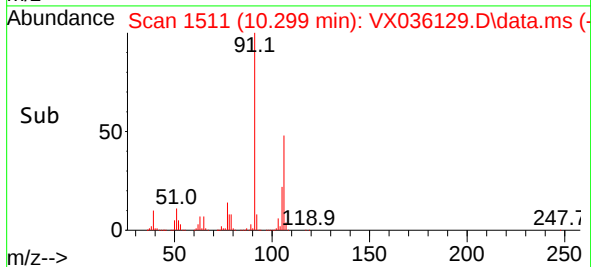
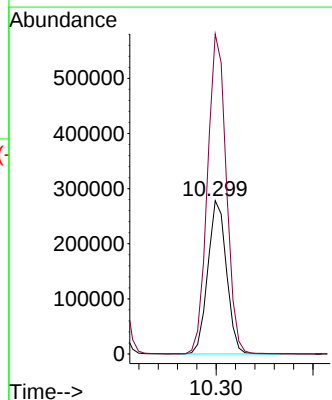
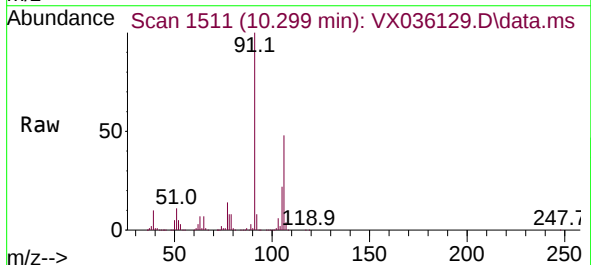
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

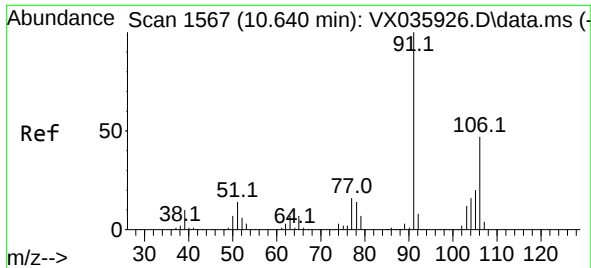
Tgt Ion: 91 Resp: 498833  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 37.0



#68  
m/p-Xylenes  
Concen: 96.608 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 106 Resp: 372949  
Ion Ratio Lower Upper  
106 100  
91 210.6 169.8 254.8

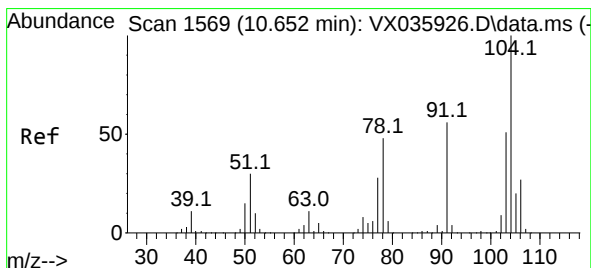
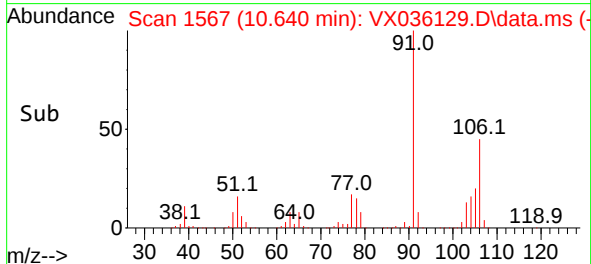
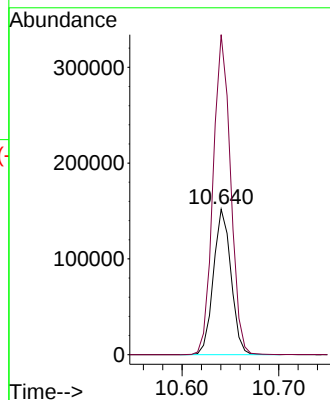
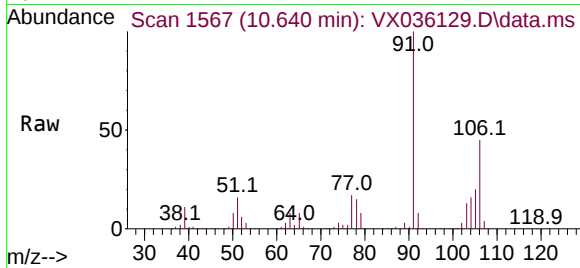




#69  
o-Xylene  
Concen: 49.465 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

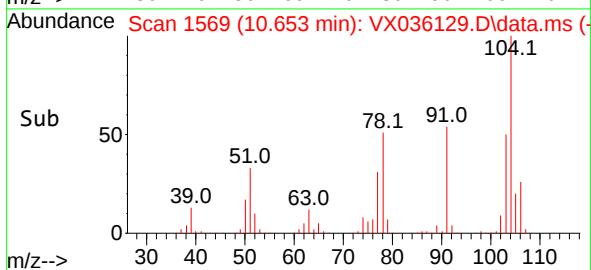
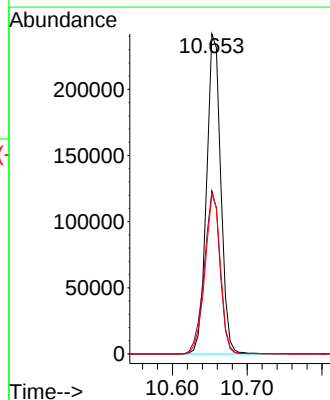
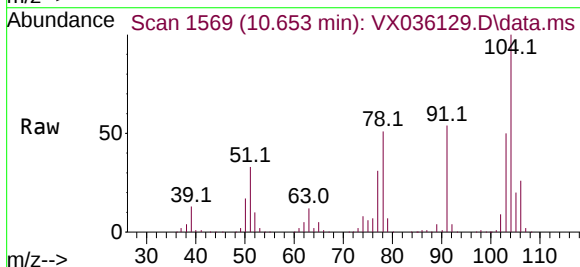
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

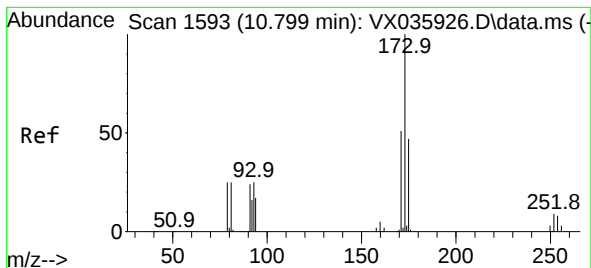
Tgt Ion:106 Resp: 191891  
Ion Ratio Lower Upper  
106 100  
91 219.0 112.5 337.4



#70  
Styrene  
Concen: 50.948 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.005 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion:104 Resp: 319354  
Ion Ratio Lower Upper  
104 100  
78 56.2 44.7 67.1  
103 54.3 44.0 66.0





#71

Bromoform

Concen: 54.246 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

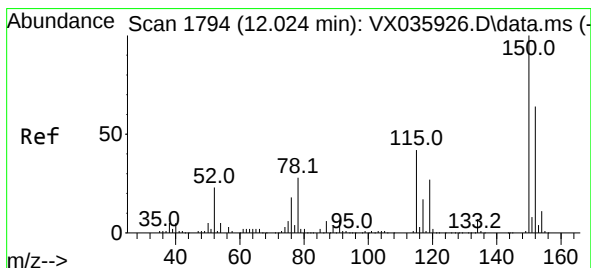
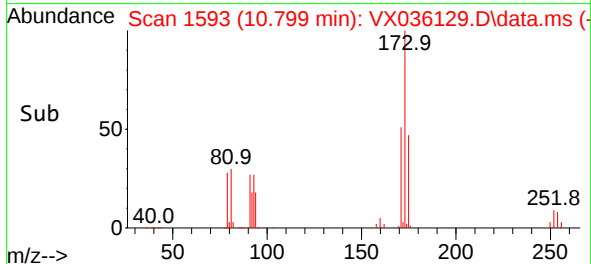
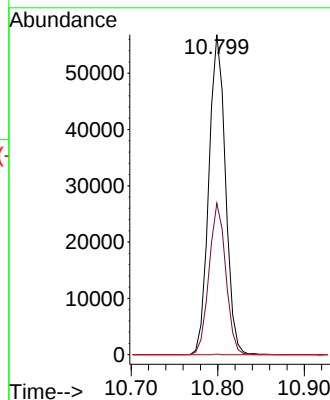
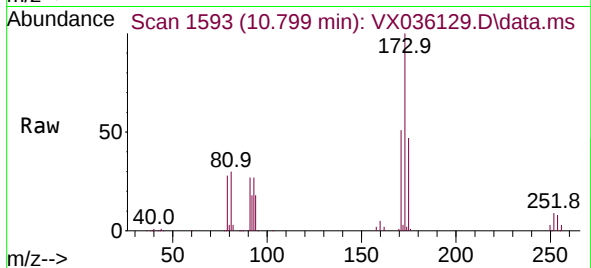
Tgt Ion:173 Resp: 75548

Ion Ratio Lower Upper

173 100

175 47.7 24.2 72.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

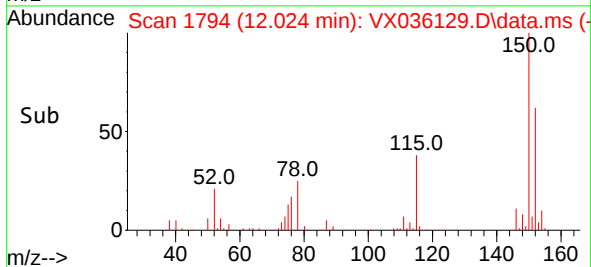
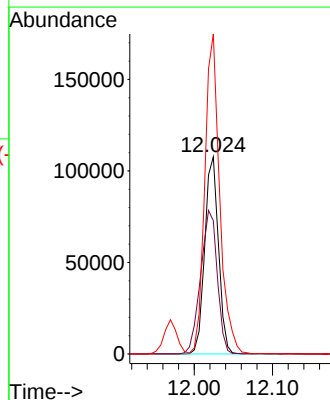
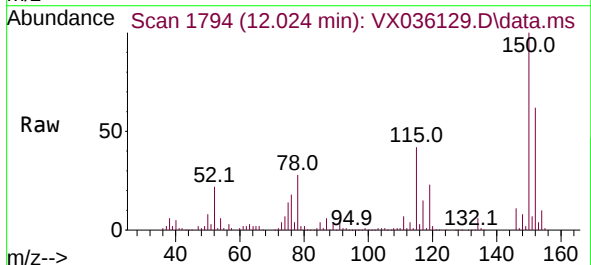
Tgt Ion:152 Resp: 131074

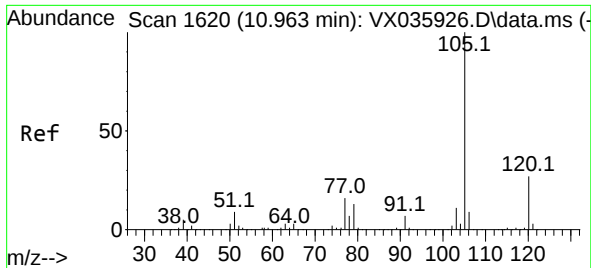
Ion Ratio Lower Upper

152 100

115 88.5 45.5 136.5

150 175.5 0.0 345.2

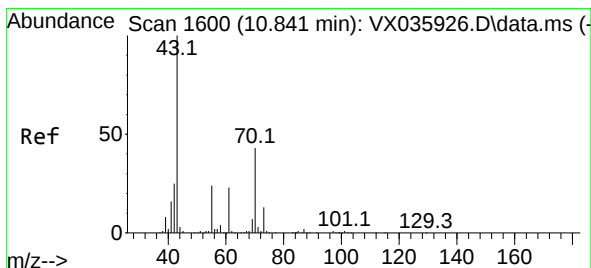
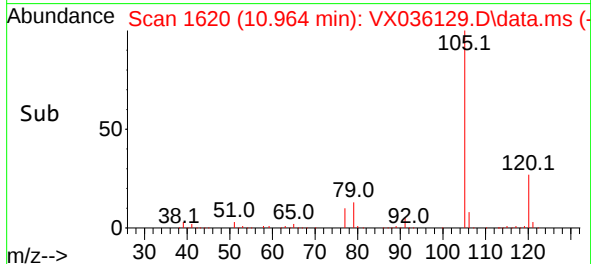
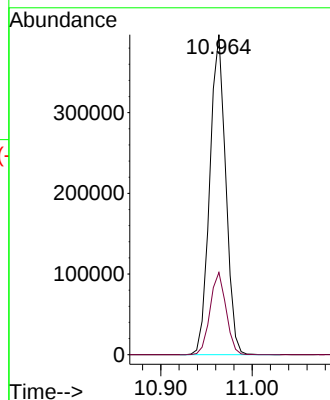
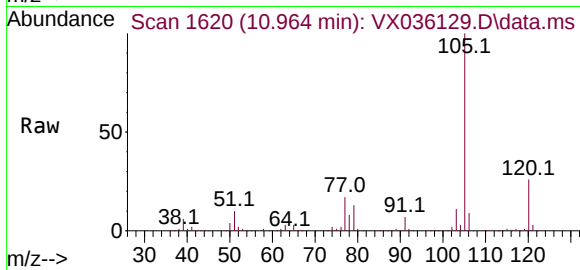




#73  
Isopropylbenzene  
Concen: 50.382 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

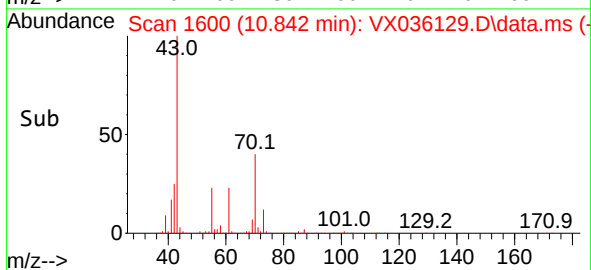
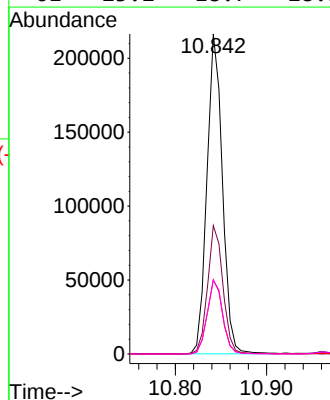
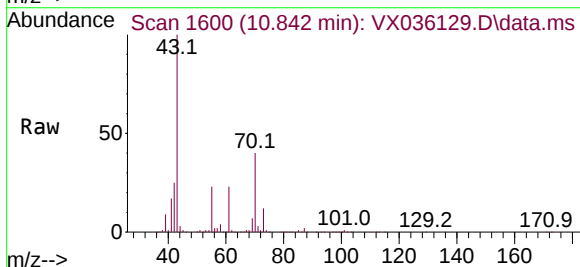
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

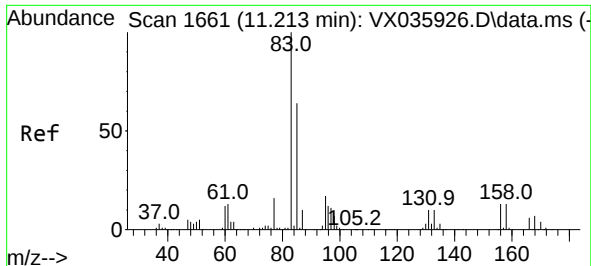
Tgt Ion:105 Resp: 479889  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.7 38.0



#74  
N-ethyl acetate  
Concen: 60.957 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 43 Resp: 253071  
Ion Ratio Lower Upper  
43 100  
70 40.1 32.6 48.8  
55 23.3 19.0 28.4  
61 23.2 18.7 28.1

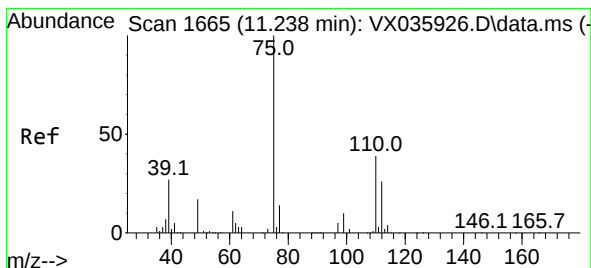
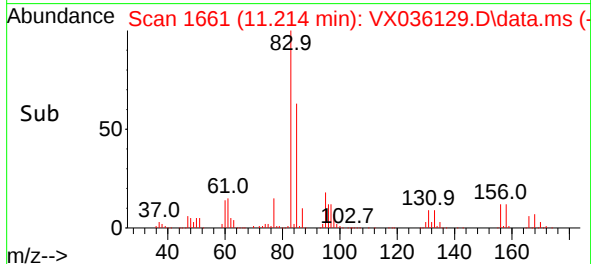
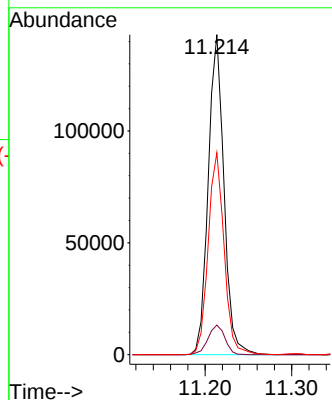
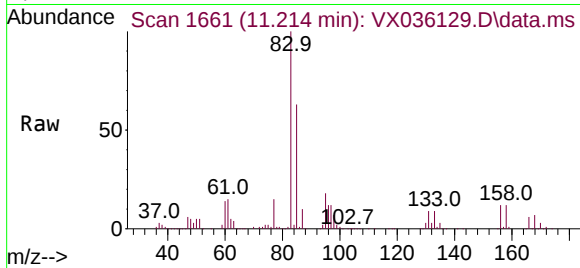




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.282 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

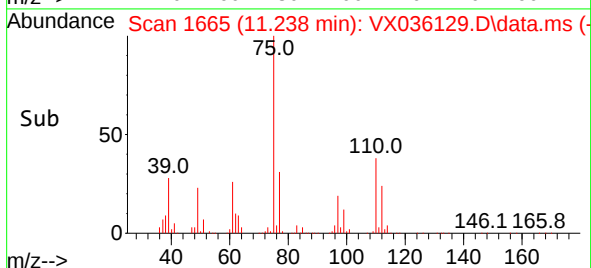
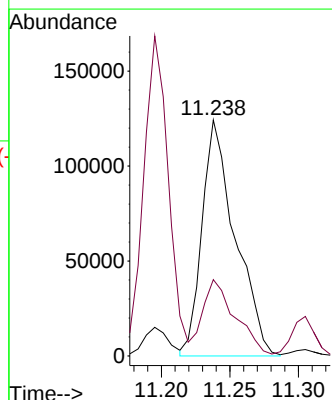
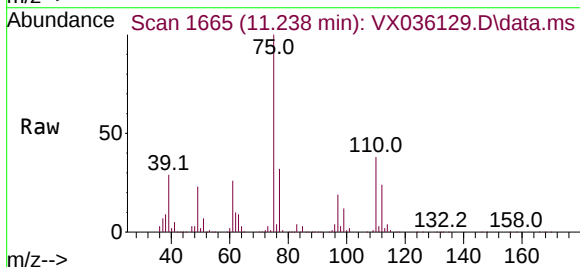
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

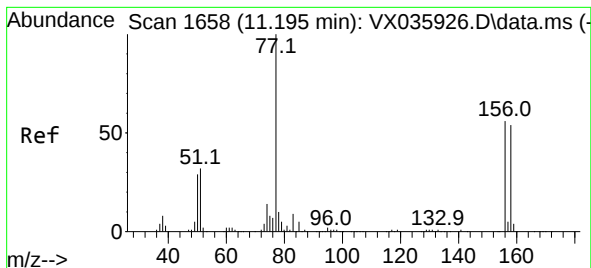
Tgt Ion: 83 Resp: 180122  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.9 14.7  
85 64.2 32.4 97.0



#76  
1,2,3-Trichloropropane  
Concen: 70.982 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.001 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 75 Resp: 209842  
Ion Ratio Lower Upper  
75 100  
77 32.0 21.4 64.2





#77

Bromobenzene

Concen: 49.532 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

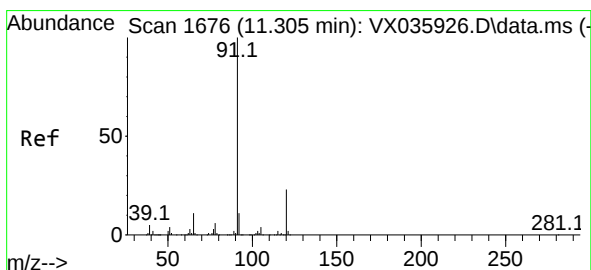
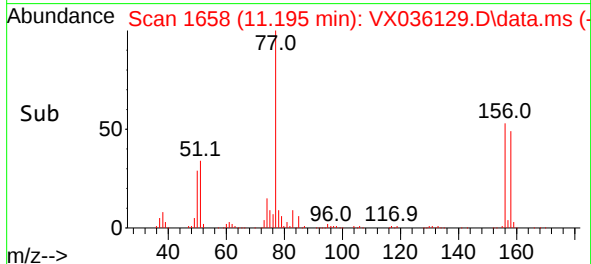
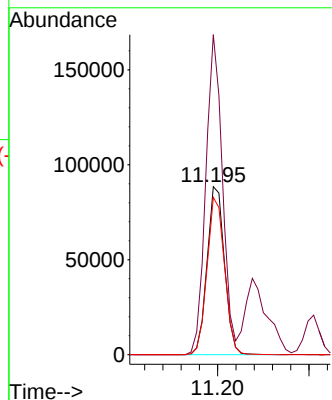
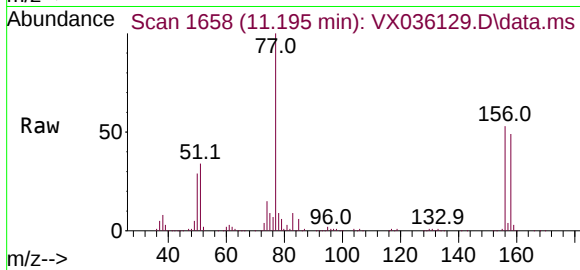
Tgt Ion:156 Resp: 116670

Ion Ratio Lower Upper

156 100

77 182.0 90.8 272.3

158 94.3 47.4 142.3



#78

n-propylbenzene

Concen: 51.700 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036129.D

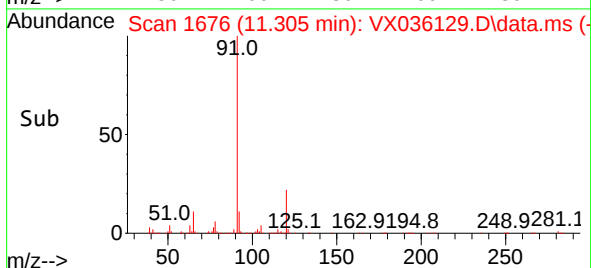
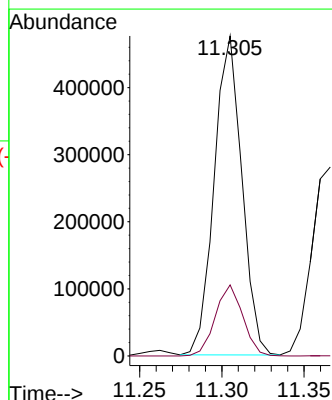
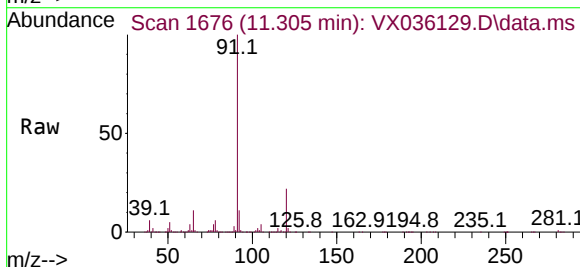
Acq: 12 Jun 2023 17:36

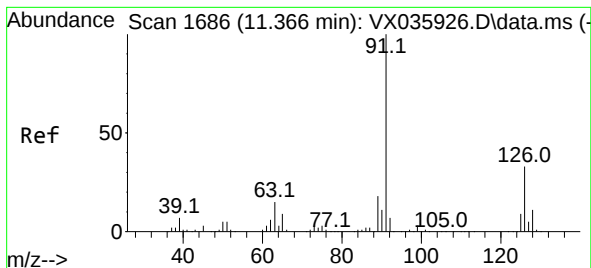
Tgt Ion: 91 Resp: 555802

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.363 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

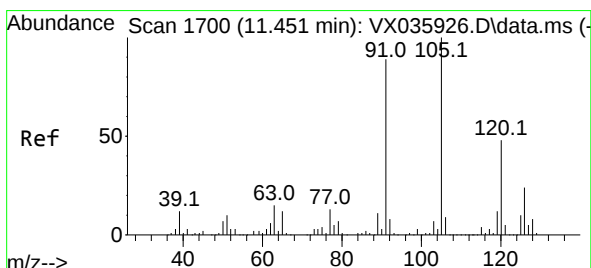
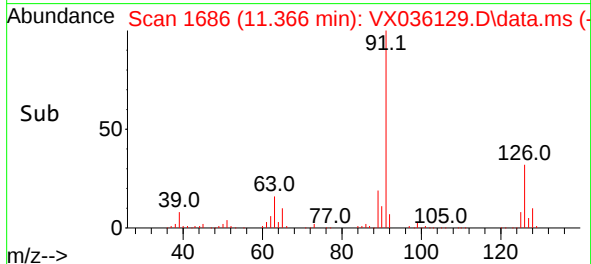
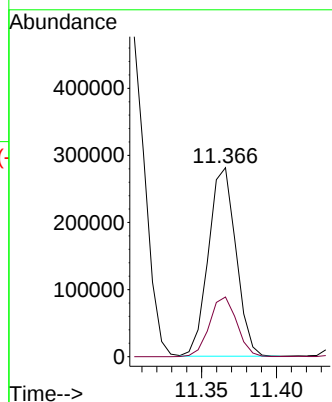
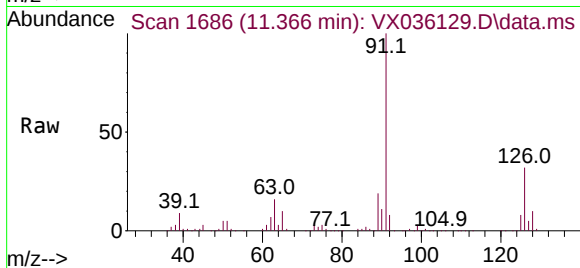
VSTDCCC050EC

Tgt Ion: 91 Resp: 359610

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 51.744 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036129.D

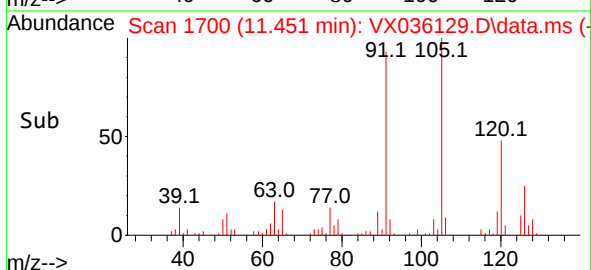
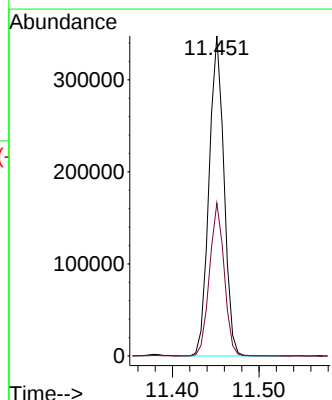
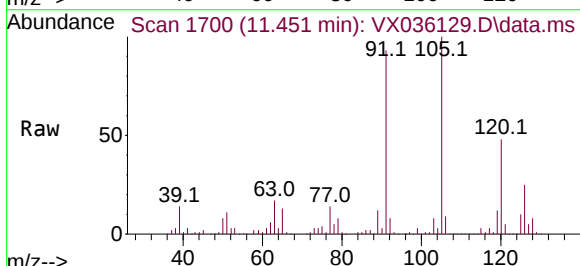
Acq: 12 Jun 2023 17:36

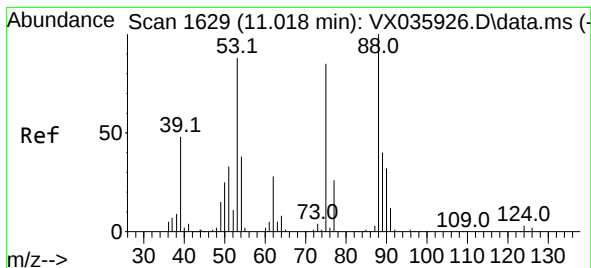
Tgt Ion: 105 Resp: 415532

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.4

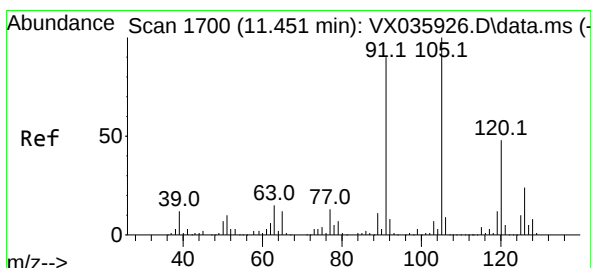
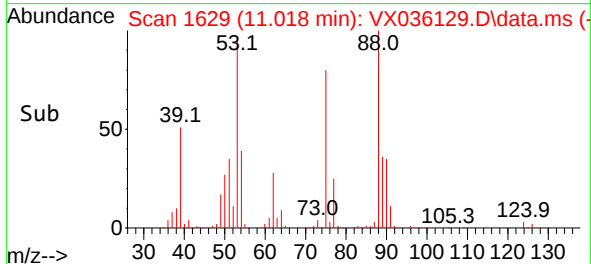
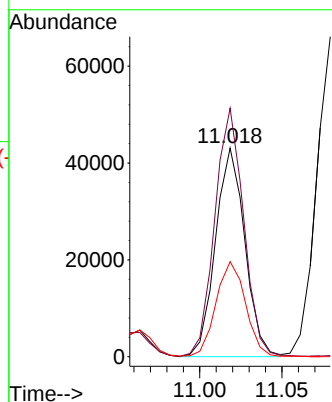
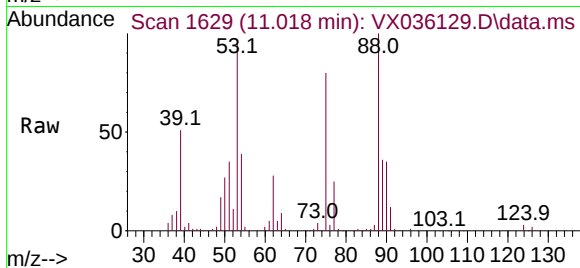




#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.937 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

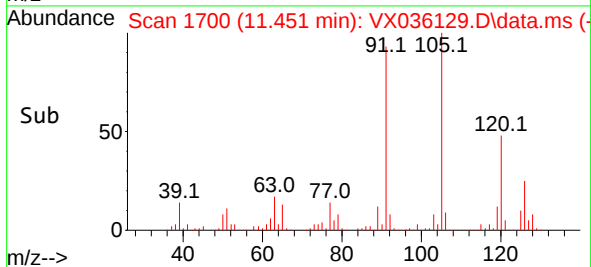
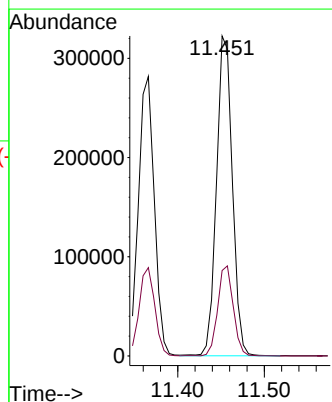
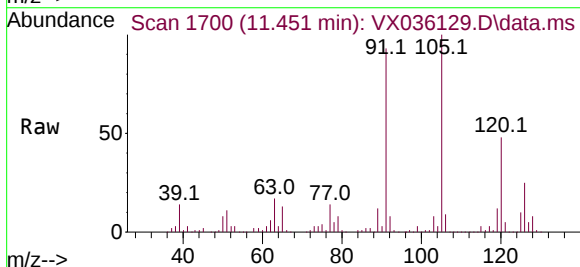
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

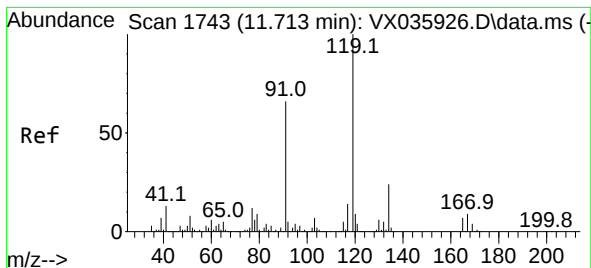
Tgt Ion: 75 Resp: 53483  
Ion Ratio Lower Upper  
75 100  
53 116.7 95.2 142.8  
89 45.9 38.0 57.0



#82  
4-Chlorotoluene  
Concen: 51.040 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX036129.D  
Acq: 12 Jun 2023 17:36

Tgt Ion: 91 Resp: 410148  
Ion Ratio Lower Upper  
91 100  
126 27.7 13.7 41.0





#83

tert-Butylbenzene

Concen: 51.229 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

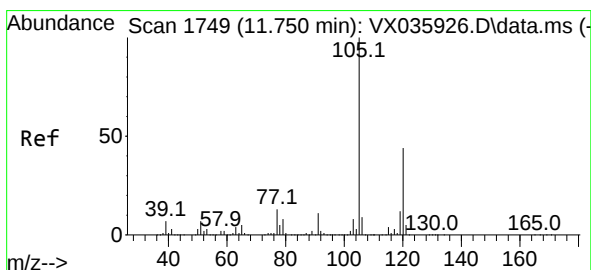
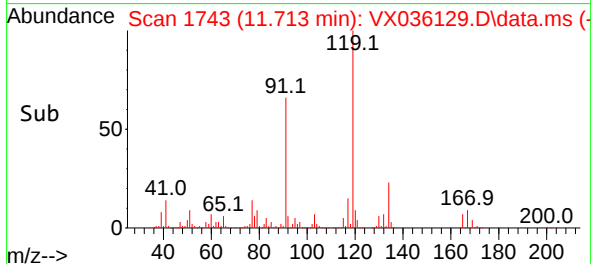
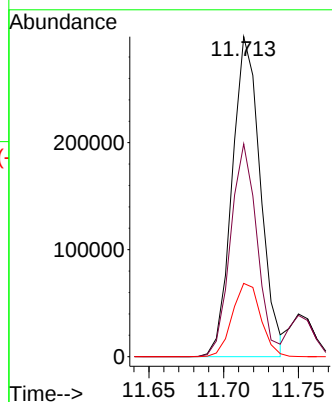
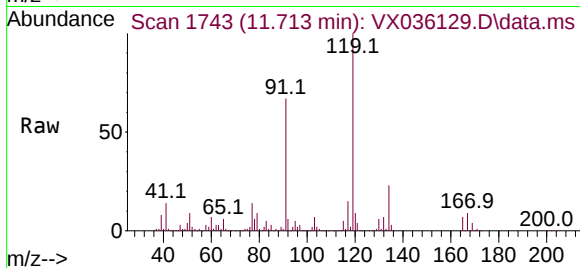
Tgt Ion:119 Resp: 393035

Ion Ratio Lower Upper

119 100

91 62.7 32.4 97.0

134 23.1 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 50.924 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036129.D

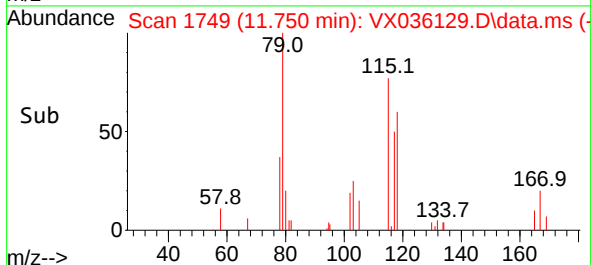
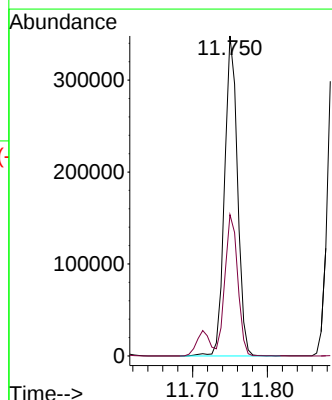
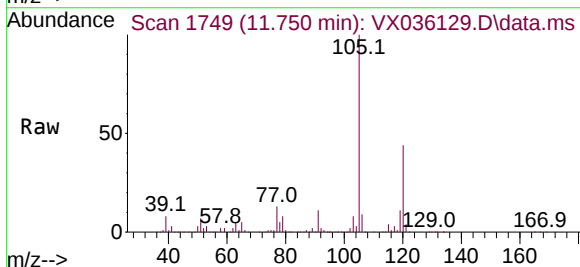
Acq: 12 Jun 2023 17:36

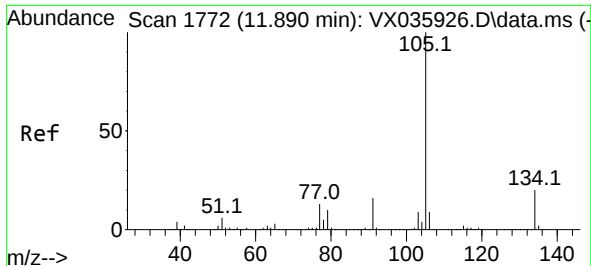
Tgt Ion:105 Resp: 419693

Ion Ratio Lower Upper

105 100

120 43.5 21.6 64.8

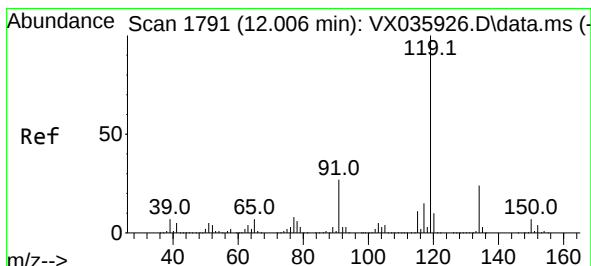
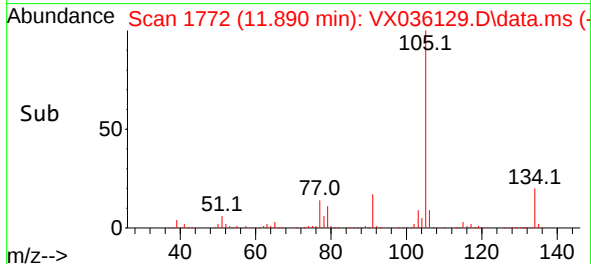
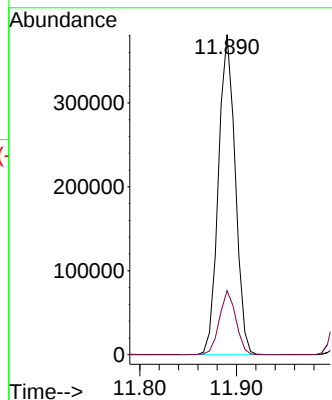
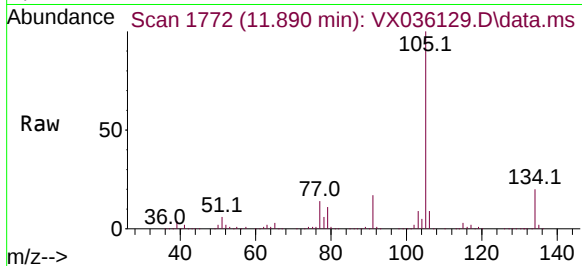




#85  
 sec-Butylbenzene  
 Concen: 50.590 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

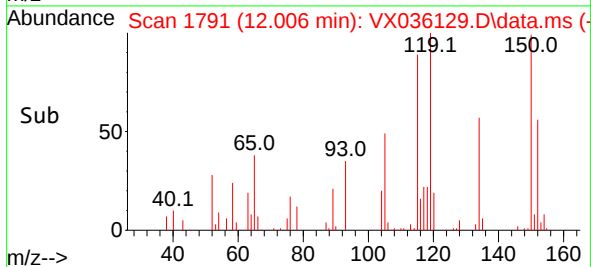
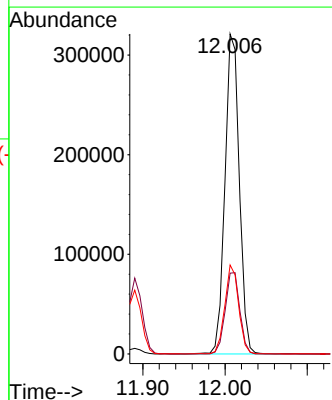
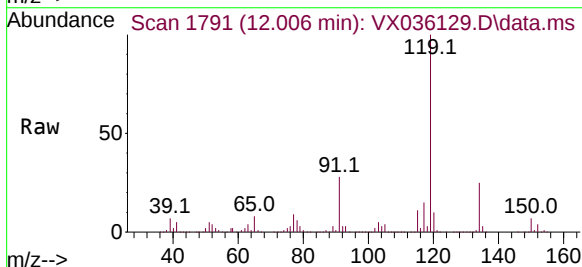
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

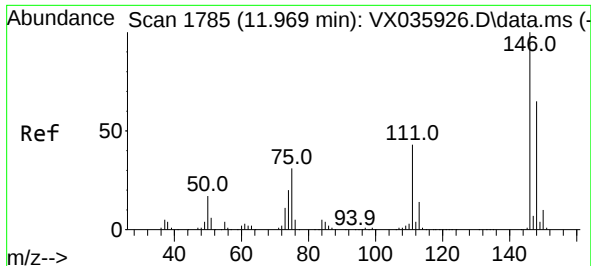
Tgt Ion:105 Resp: 460381  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 50.028 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX036129.D  
 Acq: 12 Jun 2023 17:36

Tgt Ion:119 Resp: 389233  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.7 38.1  
 91 26.9 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 48.823 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

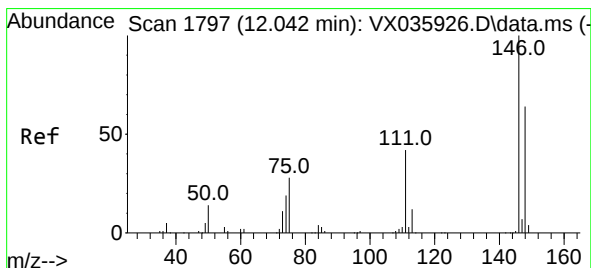
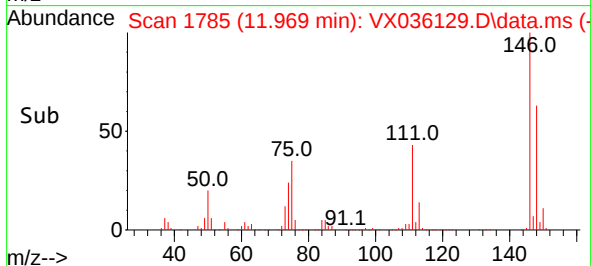
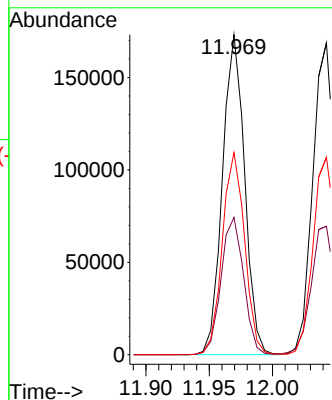
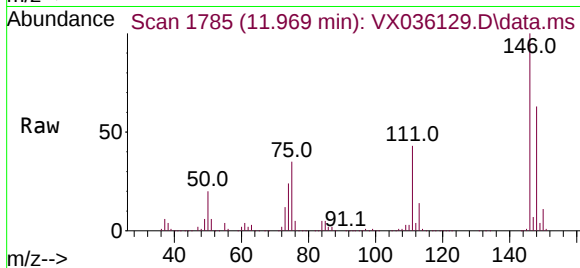
Tgt Ion:146 Resp: 210660

Ion Ratio Lower Upper

146 100

111 43.8 22.6 67.7

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 46.670 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

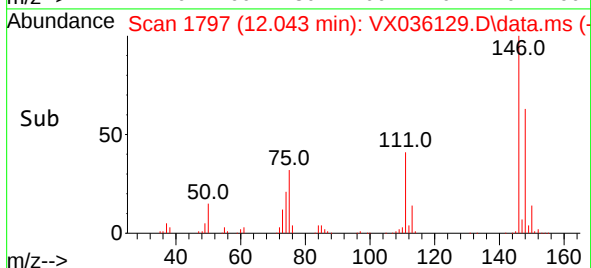
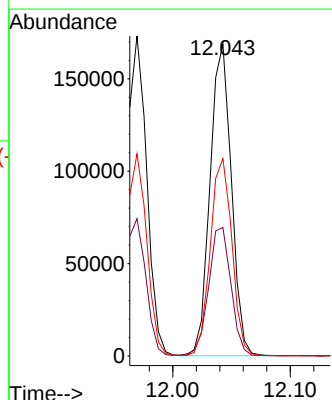
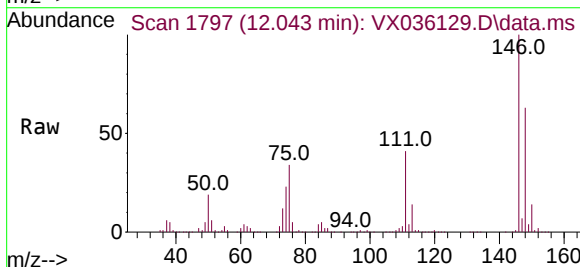
Tgt Ion:146 Resp: 212130

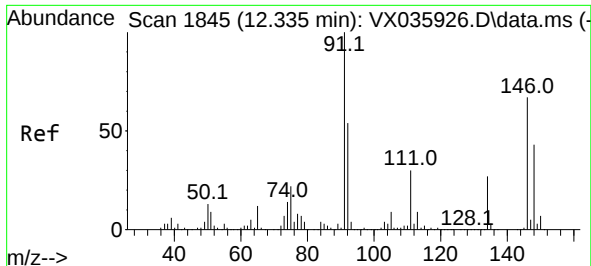
Ion Ratio Lower Upper

146 100

111 43.4 21.8 65.3

148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 49.763 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

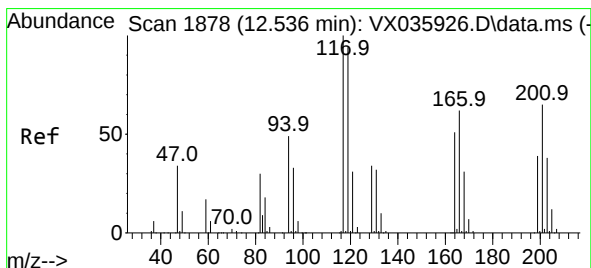
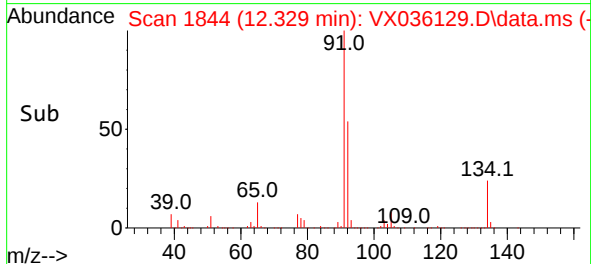
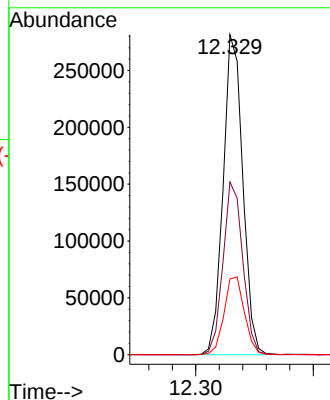
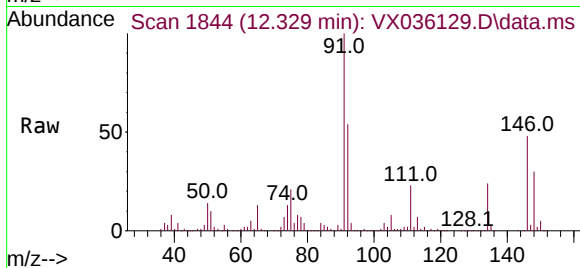
Tgt Ion: 91 Resp: 327096

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

134 25.2 12.4 37.0



#90

Hexachloroethane

Concen: 51.091 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036129.D

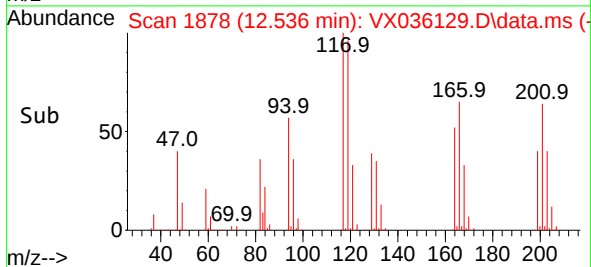
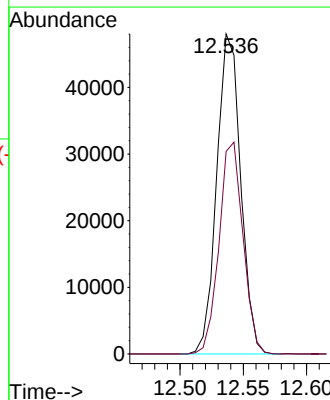
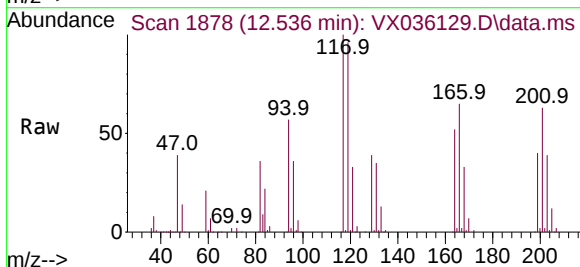
Acq: 12 Jun 2023 17:36

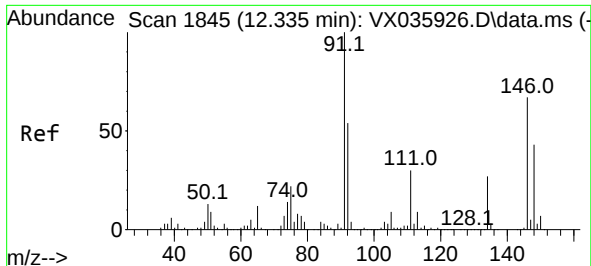
Tgt Ion: 117 Resp: 63034

Ion Ratio Lower Upper

117 100

201 66.4 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 47.957 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

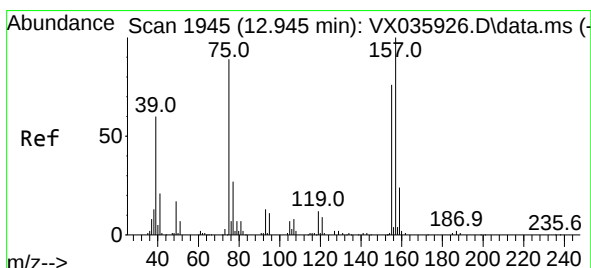
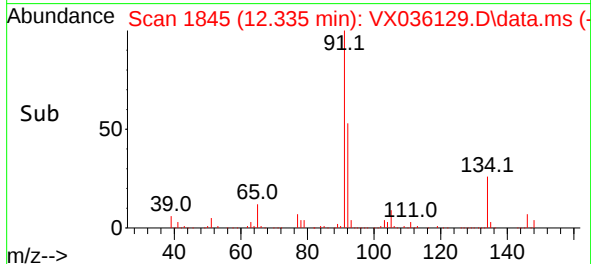
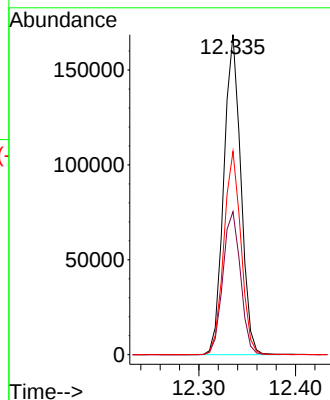
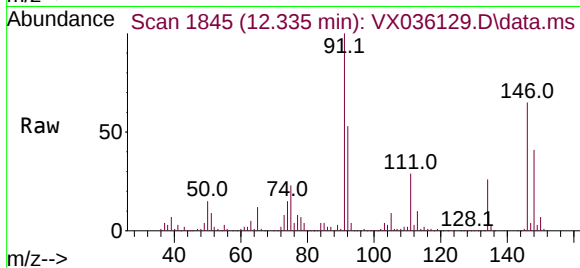
Tgt Ion:146 Resp: 205988

Ion Ratio Lower Upper

146 100

111 46.2 23.3 69.9

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.516 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

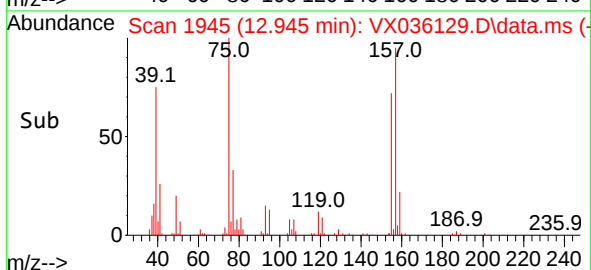
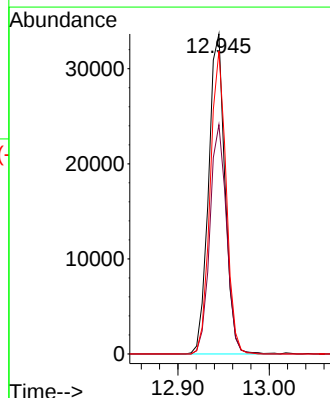
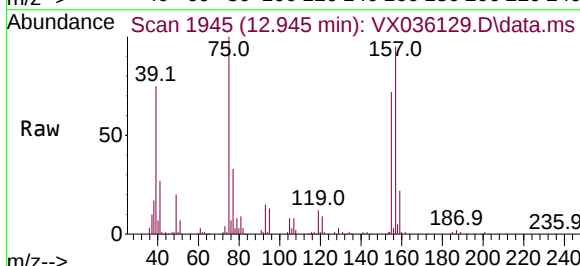
Tgt Ion: 75 Resp: 42036

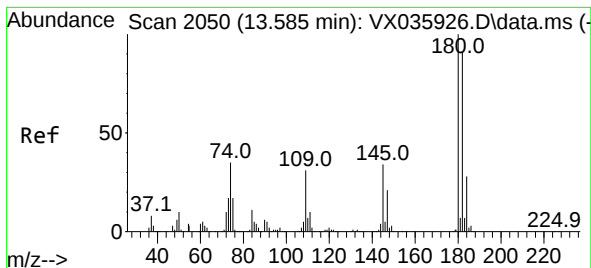
Ion Ratio Lower Upper

75 100

155 72.3 35.3 105.7

157 91.6 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 45.328 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

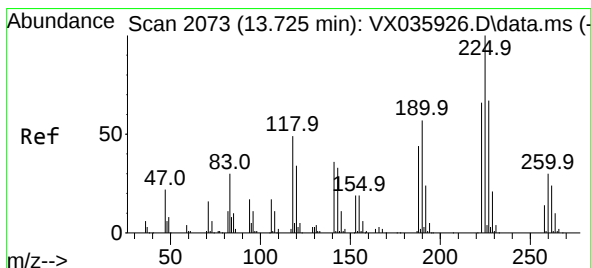
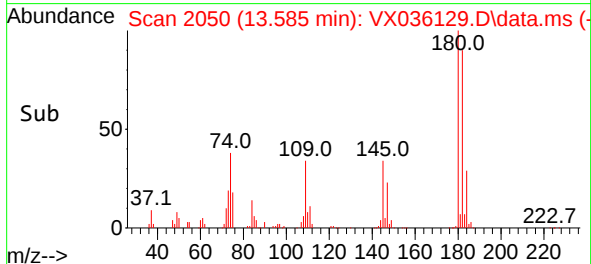
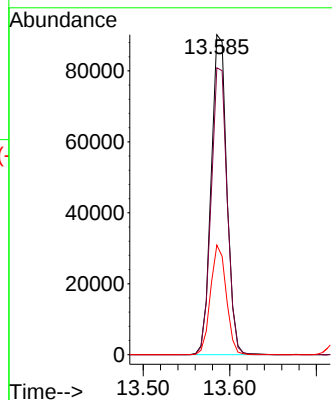
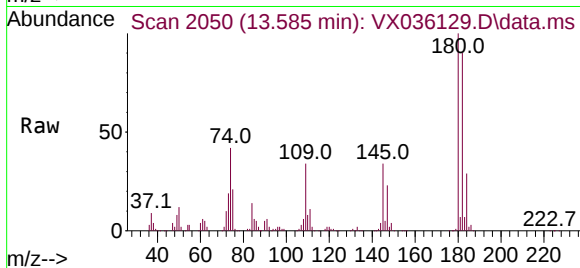
Tgt Ion:180 Resp: 113300

Ion Ratio Lower Upper

180 100

182 91.8 47.3 141.8

145 34.4 17.3 51.9



#94

Hexachlorobutadiene

Concen: 41.074 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

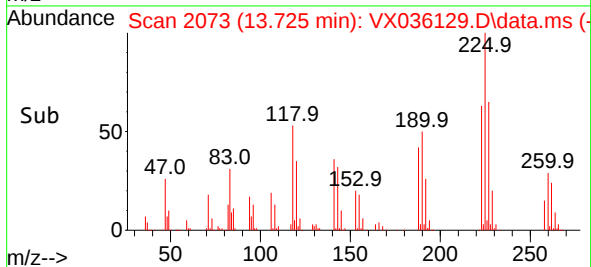
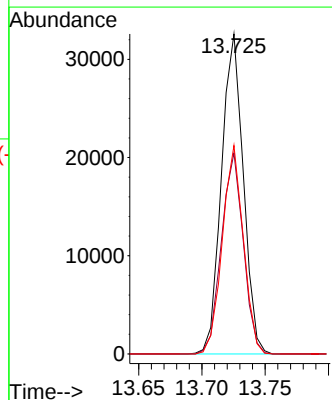
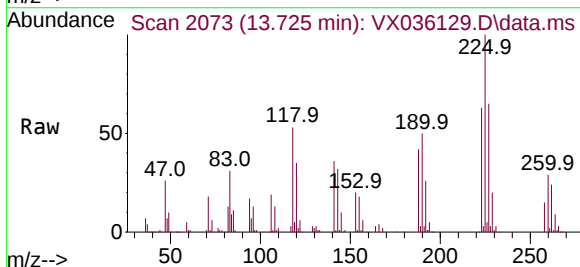
Tgt Ion:225 Resp: 39055

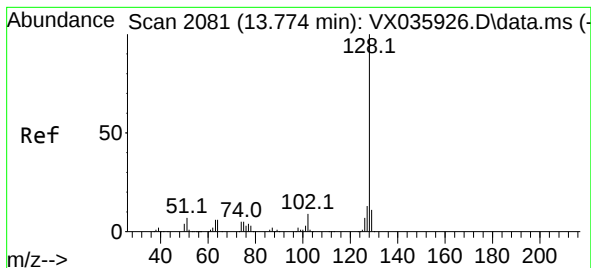
Ion Ratio Lower Upper

225 100

223 62.8 32.6 97.7

227 62.6 31.9 95.7





#95

Naphthalene

Concen: 52.140 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

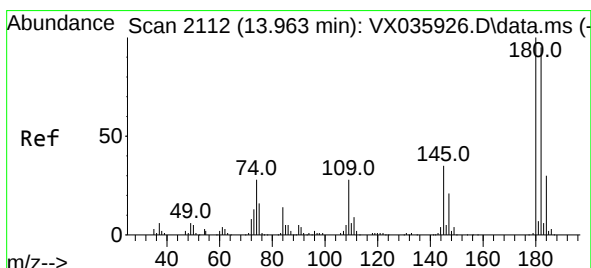
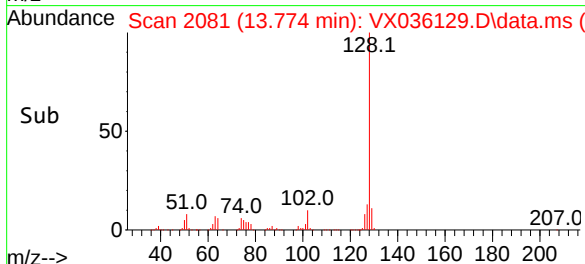
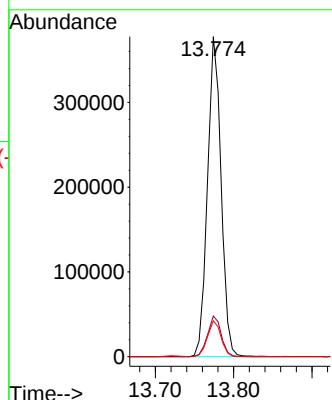
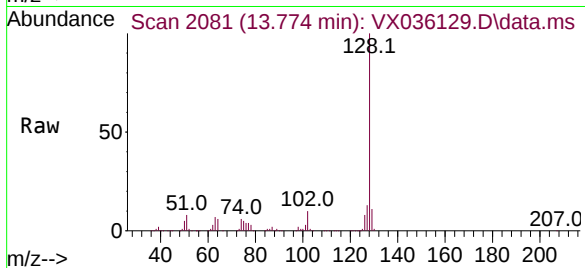
Tgt Ion:128 Resp: 453609

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.485 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036129.D

Acq: 12 Jun 2023 17:36

Tgt Ion:180 Resp: 114614

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.7

145 36.4 18.1 54.3

