

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120222\  
 Data File : VW029390.D  
 Acq On : 02 Dec 2022 13:50  
 Operator : SY/MD  
 Sample : MDL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 02 21:18:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 02 21:17:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.606  | 114   | 250479   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.841  | 117   | 226105   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 113773   | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 61143    | 3.967    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.400%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 53621    | 4.752    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 79135    | 3.208    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.200%   |
| 20) 2-Butanone-d5             | 3.886  | 46    | 151959   | 58.930   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 117.860%  |
| 24) Chloroform-d              | 4.336  | 84    | 138345   | 5.028    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.021  | 65    | 63324    | 5.231    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.600%  |
| 32) Benzene-d6                | 5.037  | 84    | 291329   | 4.662    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%   |
| 36) 1,2-Dichloropropane-d6    | 6.059  | 67    | 90830    | 5.173    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.400%  |
| 41) Toluene-d8                | 7.307  | 98    | 264622   | 4.487    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.800%   |
| 43) trans-1,3-Dichloroprop... | 7.612  | 79    | 35227    | 5.203    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 104.000%  |
| 46) 2-Hexanone-d5             | 8.082  | 63    | 142878   | 59.207   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 118.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84    | 65223    | 6.020    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 120.400%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 100191   | 5.041    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.800%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 2799     | 0.150    | ug/L   | 99        |
| 3) Chloromethane              | 1.240  | 50    | 5861     | 0.342    | ug/L   | 90        |
| 5) Vinyl chloride             | 1.310  | 62    | 3241     | 0.190    | ug/L # | 75        |
| 6) Bromomethane               | 1.519  | 94    | 1450     | 0.136    | ug/L   | 99        |
| 8) Chloroethane               | 1.580  | 64    | 2069     | 0.204    | ug/L   | 92        |
| 9) Trichlorofluoromethane     | 1.748  | 101   | 3996     | 0.167    | ug/L   | 100       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 2983     | 0.224    | ug/L # | 81        |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 2826     | 0.219    | ug/L # | 1         |
| 14) Carbon disulfide          | 2.288  | 76    | 7353     | 0.196    | ug/L   | 100       |
| 17) Methyl tert-butyl Ether   | 2.761  | 73    | 5657     | 0.172    | ug/L   | 97        |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 2502     | 0.169    | ug/L   | 96        |
| 19) 1,1-Dichloroethane        | 3.185  | 63    | 4586     | 0.172    | ug/L   | 94        |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96    | 2790     | 0.165    | ug/L   | 98        |
| 25) Chloroform                | 4.365  | 83    | 10656    | 0.384    | ug/L   | 93        |
| 27) 1,2-Dichloroethane        | 5.130  | 62    | 2582     | 0.172    | ug/L # | 91        |
| 29) 1,1,1-Trichloroethane     | 4.593  | 97    | 3919     | 0.151    | ug/L   | 91        |
| 30) Cyclohexane               | 4.674  | 56    | 4013     | 0.156    | ug/L   | 98        |
| 31) Carbon tetrachloride      | 4.815  | 117   | 3542     | 0.161    | ug/L   | 94        |
| 33) Benzene                   | 5.095  | 78    | 13042    | 0.193    | ug/L   | 100       |

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 Sample : MDL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 02 21:18:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 02 21:17:55 2022  
 Response via : Initial Calibration

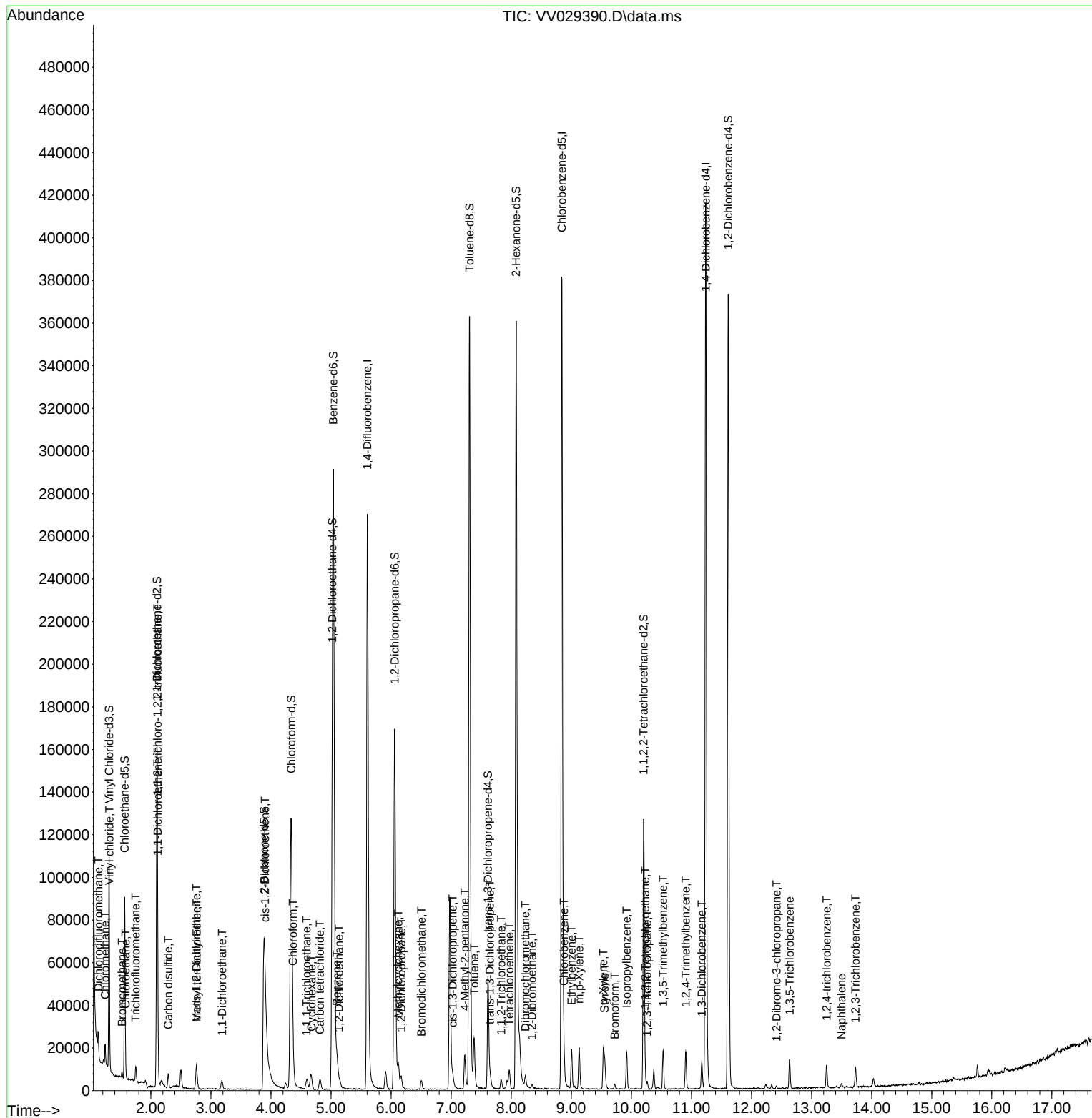
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 35) Methylcyclohexane         | 6.120  | 83   | 4674     | 0.161 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 2393     | 0.150 | ug/L # | 85       |
| 38) Bromodichloromethane      | 6.506  | 83   | 3642     | 0.191 | ug/L   | 88       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 3911     | 0.168 | ug/L # | 74       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 11415    | 1.531 | ug/L # | 83       |
| 42) Toluene                   | 7.384  | 91   | 17722    | 0.244 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.645  | 75   | 4549     | 0.247 | ug/L   | 94       |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 1749     | 0.162 | ug/L   | 87       |
| 47) Tetrachloroethene         | 7.969  | 164  | 2380     | 0.168 | ug/L   | 90       |
| 49) Dibromochloromethane      | 8.236  | 129  | 2171     | 0.179 | ug/L   | 90       |
| 50) 1,2-Dibromoethane         | 8.345  | 107  | 1696     | 0.180 | ug/L # | 93       |
| 51) Chlorobenzene             | 8.876  | 112  | 7494     | 0.165 | ug/L   | 100      |
| 52) Ethylbenzene              | 9.005  | 91   | 13669    | 0.181 | ug/L   | 97       |
| 53) m,p-Xylene                | 9.133  | 106  | 6055     | 0.203 | ug/L   | 97       |
| 54) o-Xylene                  | 9.532  | 106  | 5021     | 0.171 | ug/L   | 92       |
| 55) Styrene                   | 9.554  | 104  | 7207     | 0.146 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.230 | 83   | 2224     | 0.199 | ug/L # | 96       |
| 59) Bromoform                 | 9.722  | 173  | 1155     | 0.193 | ug/L # | 93       |
| 60) Isopropylbenzene          | 9.921  | 105  | 11776    | 0.160 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 10.262 | 75   | 1480     | 0.188 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 10387    | 0.163 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 10047    | 0.157 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.172 | 146  | 5672     | 0.165 | ug/L   | 92       |
| 68) 1,2-Dibromo-3-chloropr... | 12.419 | 75   | 323      | 0.208 | ug/L # | 78       |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 5061     | 0.179 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 3684     | 0.161 | ug/L   | 92       |
| 71) Naphthalene               | 13.496 | 128  | 2100     | 0.106 | ug/L # | 92       |
| 72) 1,2,3-Trichlorobenzene    | 13.731 | 180  | 2951     | 0.158 | ug/L   | 89       |
| -----                         |        |      |          |       |        |          |

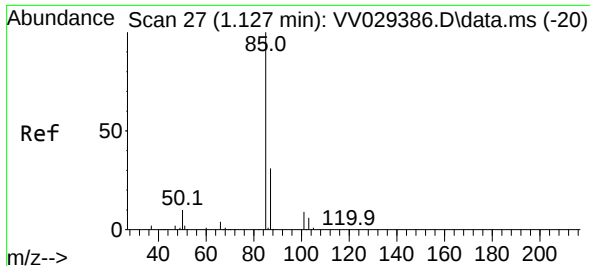
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : MDL01  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Dec 02 21:17:55 2022  
Response via : Initial Calibration

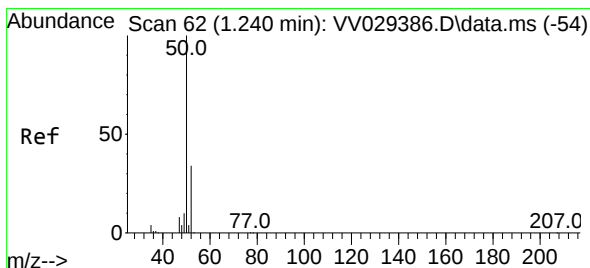
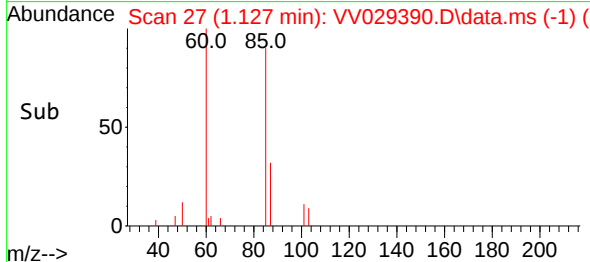
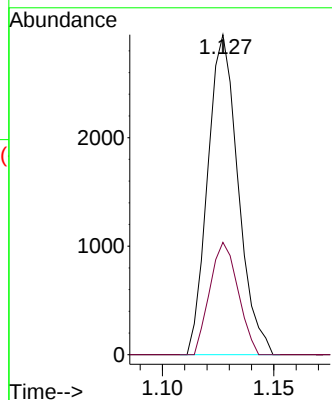
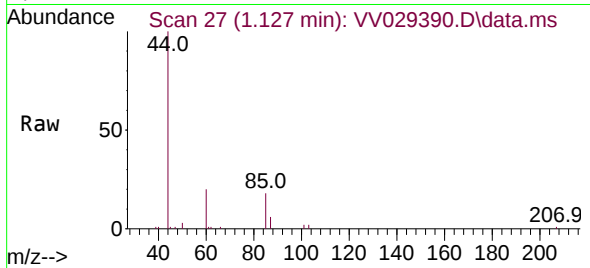




#2  
 Dichlorodifluoromethane  
 Concen: 0.150 ug/L  
 RT: 1.127 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

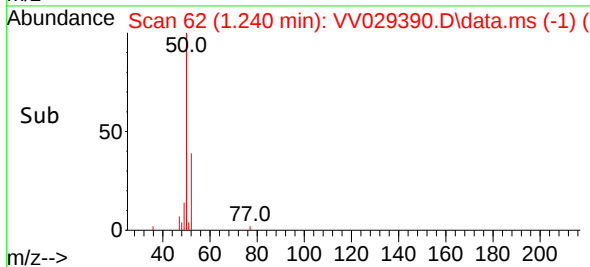
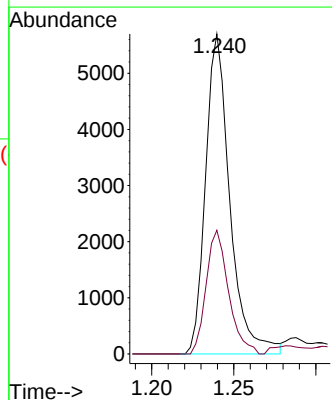
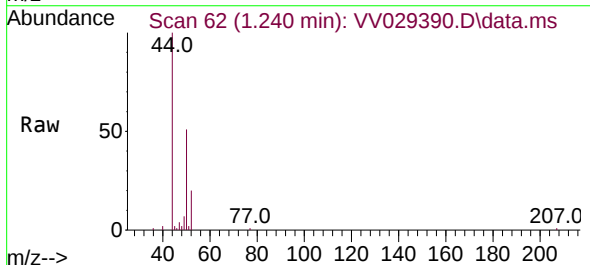
Instrument :  
 MSVOA\_V  
 ClientSampleId :

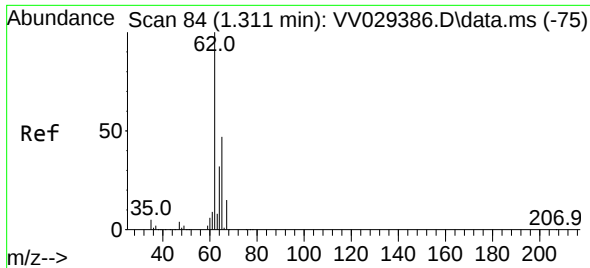
Tgt Ion: 85 Resp: 2799  
 Ion Ratio Lower Upper  
 85 100  
 87 32.5 26.2 39.4



#3  
 Chloromethane  
 Concen: 0.342 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

Tgt Ion: 50 Resp: 5861  
 Ion Ratio Lower Upper  
 50 100  
 52 38.6 23.2 43.2

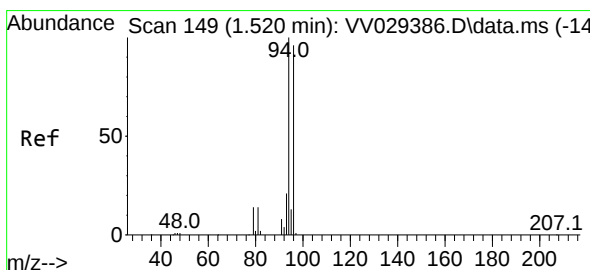
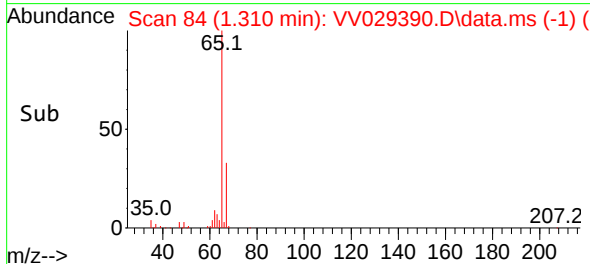
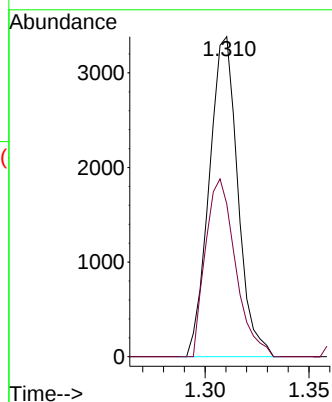
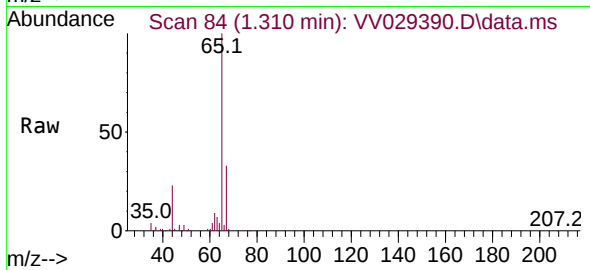




#5  
 Vinyl chloride  
 Concen: 0.190 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

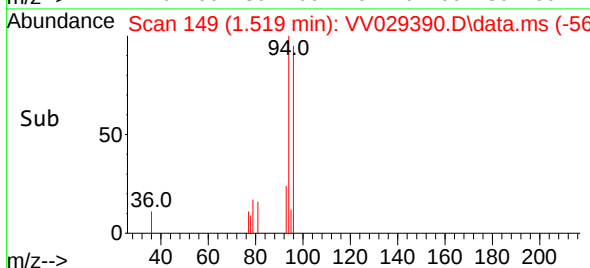
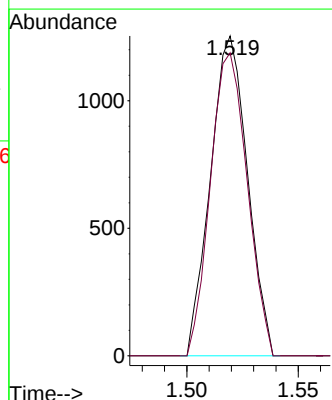
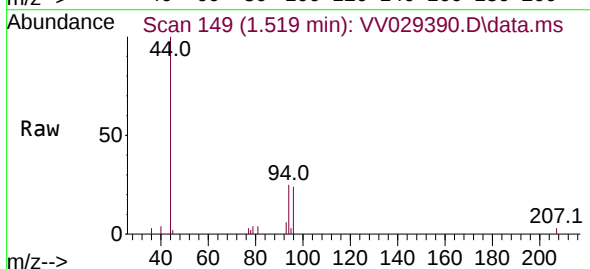
Instrument :  
 MSVOA\_V  
 ClientSampleId :

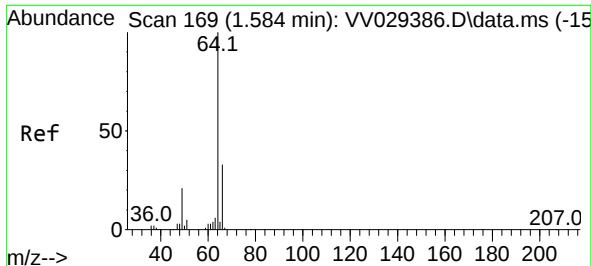
Tgt Ion: 62 Resp: 3241  
 Ion Ratio Lower Upper  
 62 100  
 64 47.7 23.4 43.4#



#6  
 Bromomethane  
 Concen: 0.136 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

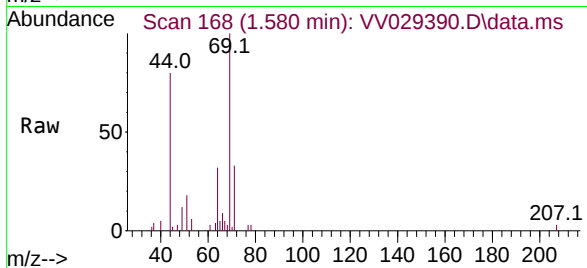
Tgt Ion: 94 Resp: 1450  
 Ion Ratio Lower Upper  
 94 100  
 96 94.7 65.4 121.4



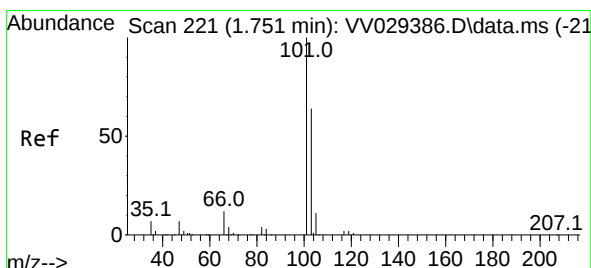
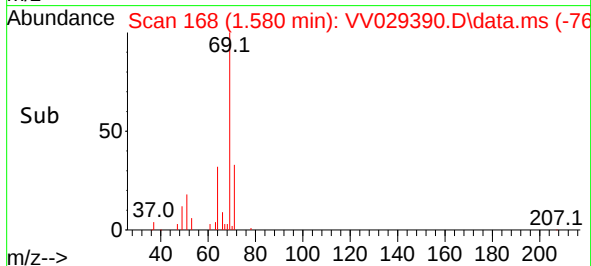
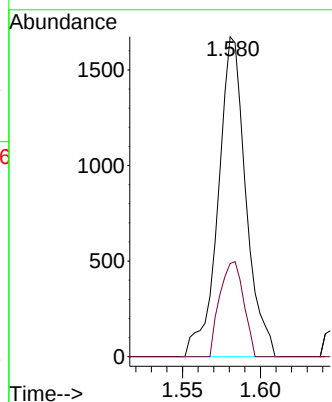


#8  
Chloroethane  
Concen: 0.204 ug/L  
RT: 1.580 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

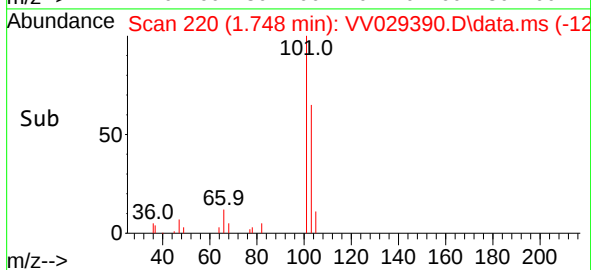
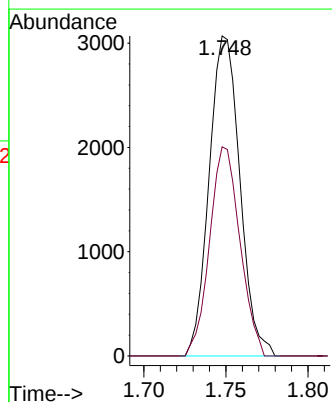
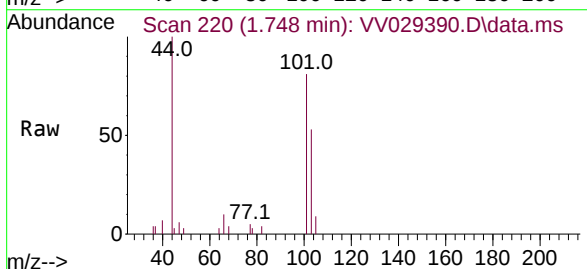


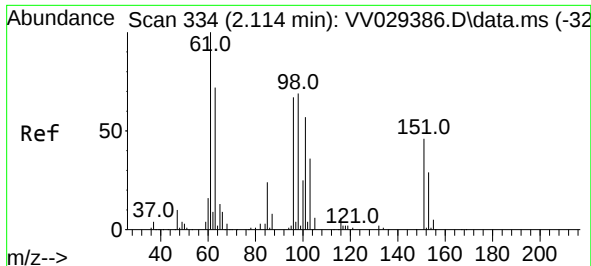
Tgt Ion: 64 Resp: 2069  
Ion Ratio Lower Upper  
64 100  
66 29.1 23.5 43.7



#9  
Trichlorofluoromethane  
Concen: 0.167 ug/L  
RT: 1.748 min Scan# 220  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 101 Resp: 3996  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.224 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

ClientSampleId :

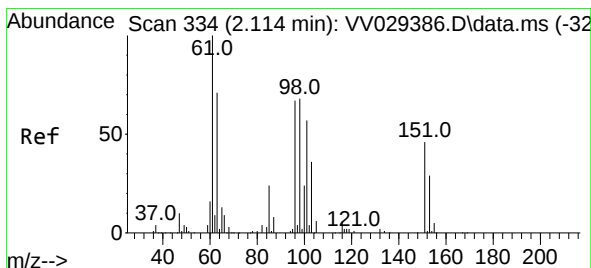
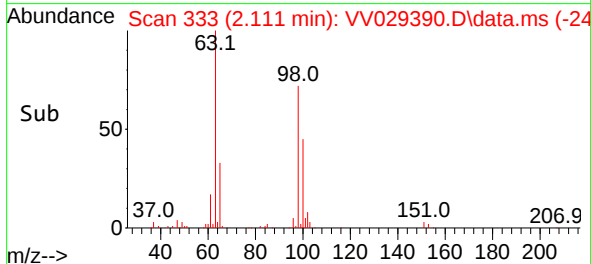
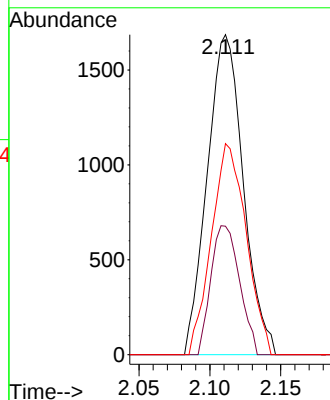
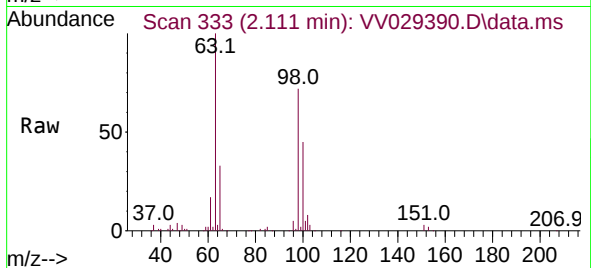
Tgt Ion:101 Resp: 2983

Ion Ratio Lower Upper

101 100

85 31.9 33.6 50.4#

151 63.7 65.3 97.9#



#12

1,1-Dichloroethene

Concen: 0.219 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

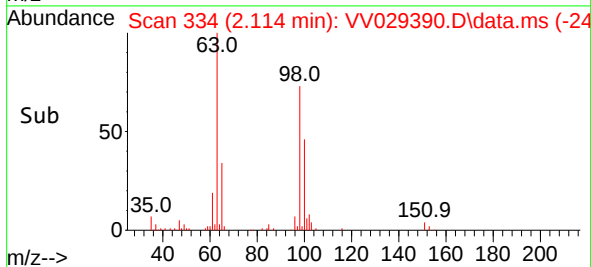
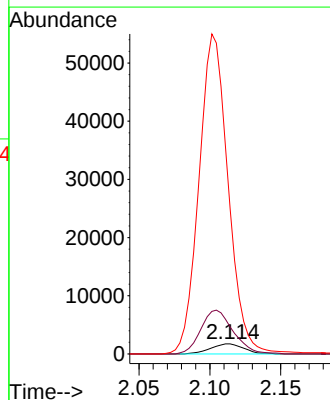
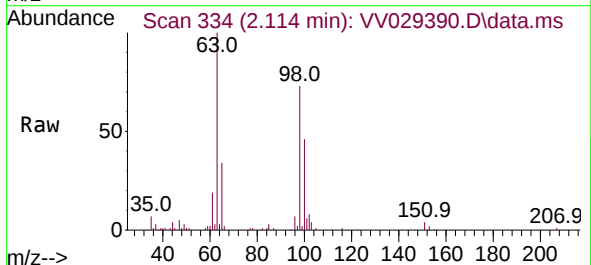
Tgt Ion: 96 Resp: 2826

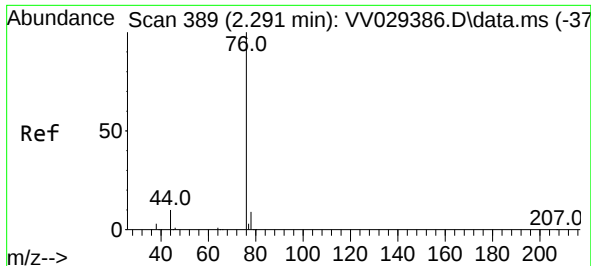
Ion Ratio Lower Upper

96 100

61 266.6 110.3 204.9#

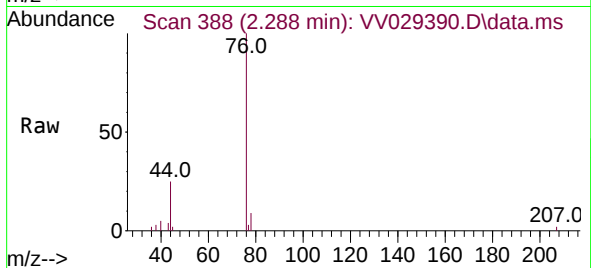
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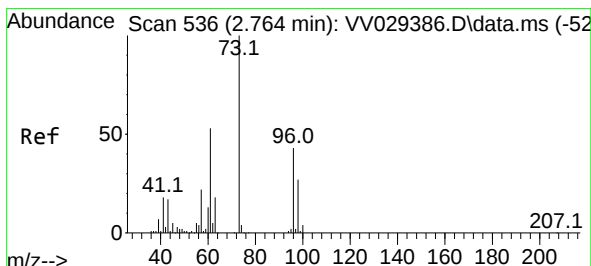
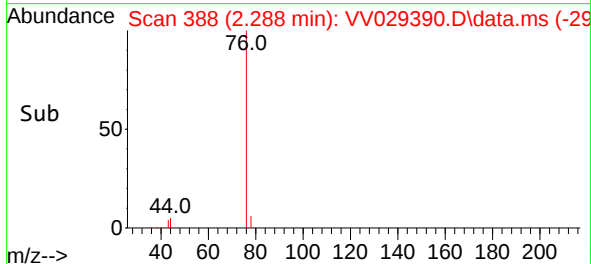
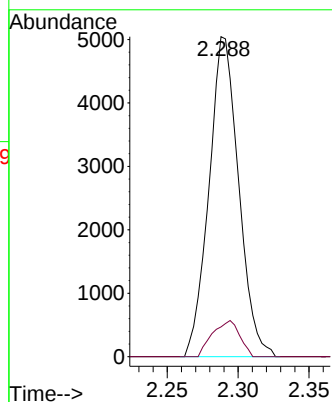


#14  
Carbon disulfide  
Concen: 0.196 ug/L  
RT: 2.288 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

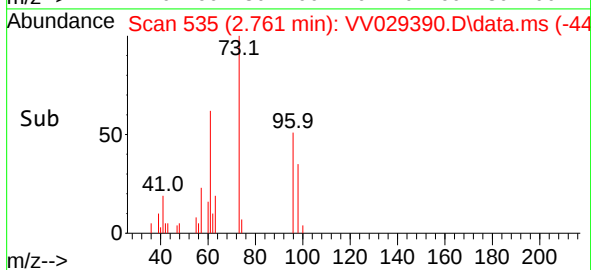
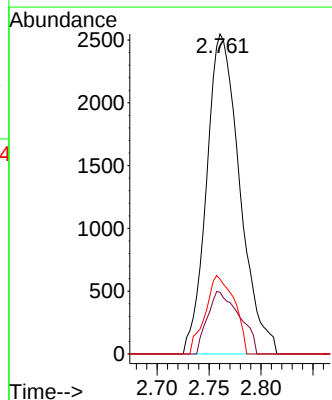
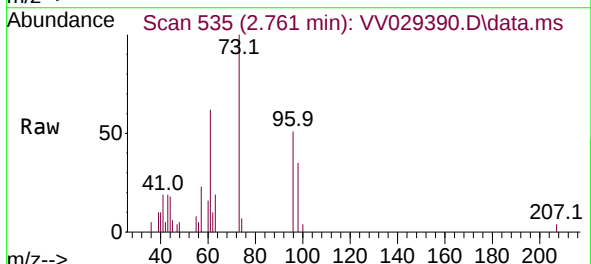


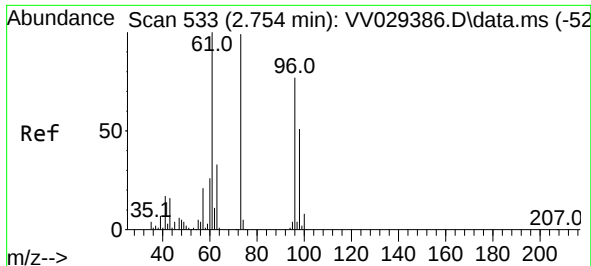
Tgt Ion: 76 Resp: 7353  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2



#17  
Methyl tert-butyl Ether  
Concen: 0.172 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

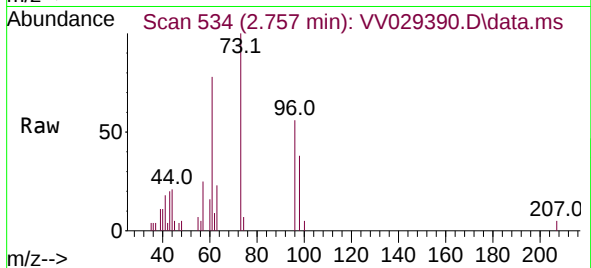
Tgt Ion: 73 Resp: 5657  
Ion Ratio Lower Upper  
73 100  
43 18.8 13.2 19.8  
57 21.4 16.9 25.3



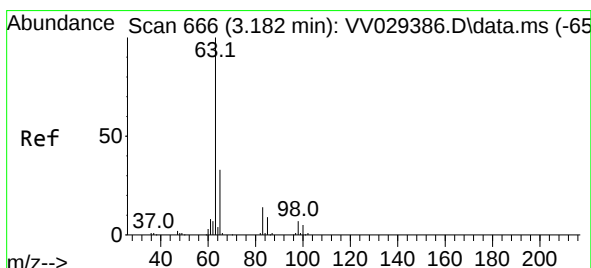
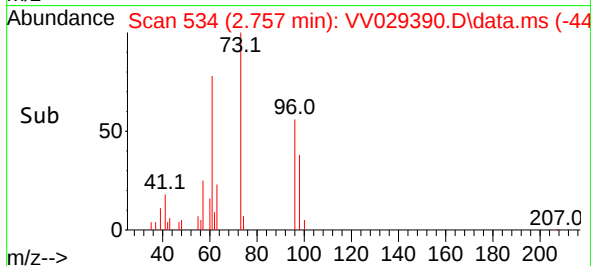
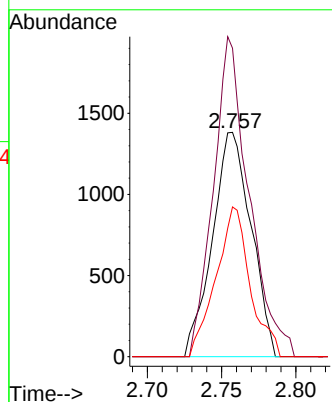


#18  
trans-1,2-Dichloroethene  
Concen: 0.169 ug/L  
RT: 2.757 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

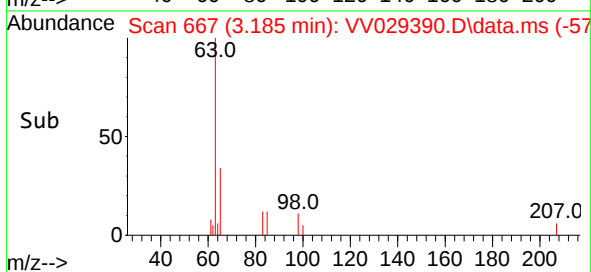
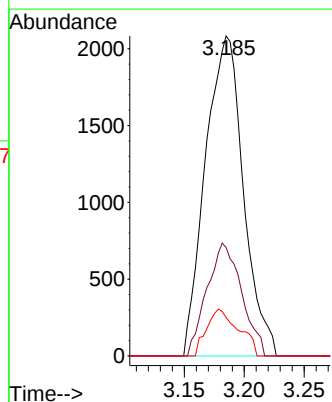
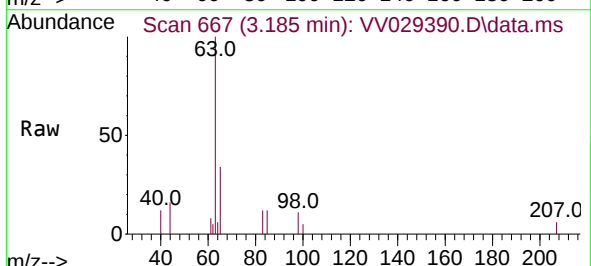


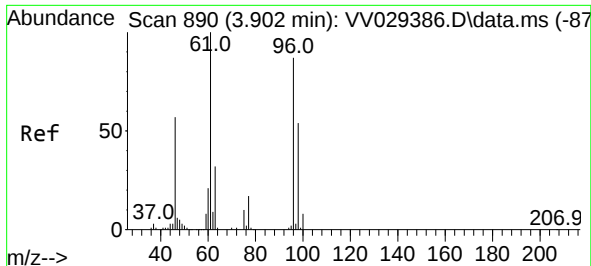
Tgt Ion: 96 Resp: 2502  
Ion Ratio Lower Upper  
96 100  
61 137.6 93.0 172.6  
98 66.8 44.0 81.8



#19  
1,1-Dichloroethane  
Concen: 0.172 ug/L  
RT: 3.185 min Scan# 667  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 63 Resp: 4586  
Ion Ratio Lower Upper  
63 100  
65 33.9 21.6 40.2  
83 12.0 10.3 19.1

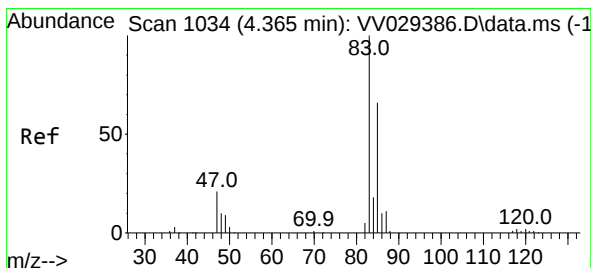
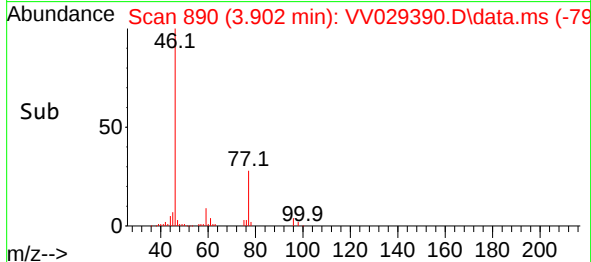
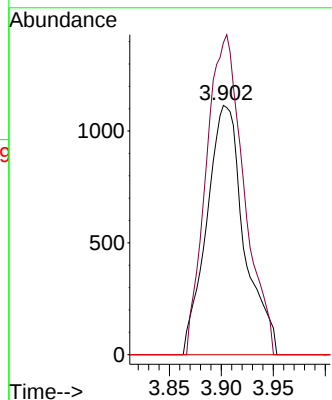
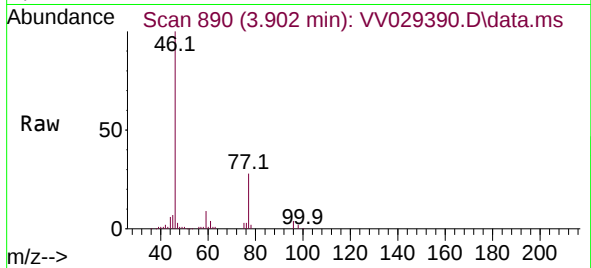




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.165 ug/L  
 RT: 3.902 min Scan# 890  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

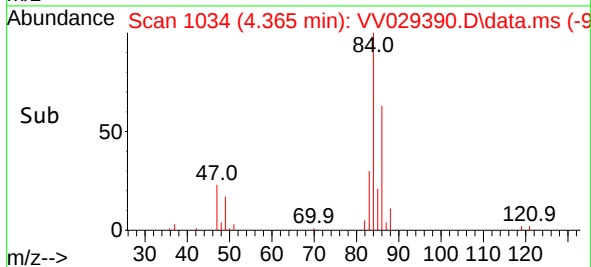
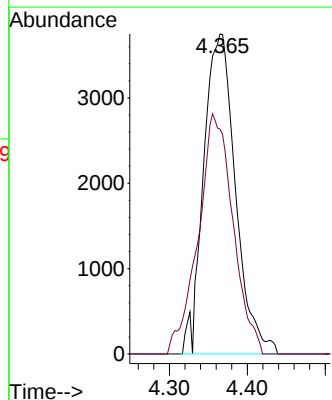
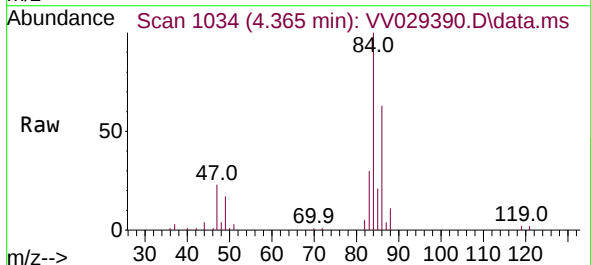
Instrument :  
 MSVOA\_V  
 ClientSampleId :

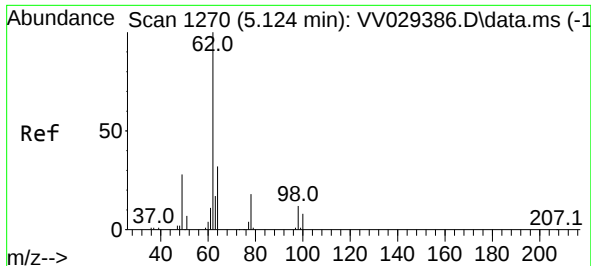
Tgt Ion: 96 Resp: 2790  
 Ion Ratio Lower Upper  
 96 100  
 61 125.1 85.8 159.3  
 68 0.0 0.0 0.0



#25  
 Chloroform  
 Concen: 0.384 ug/L  
 RT: 4.365 min Scan# 1034  
 Delta R.T. -0.000 min  
 Lab File: VV029390.D  
 Acq: 02 Dec 2022 13:50

Tgt Ion: 83 Resp: 10656  
 Ion Ratio Lower Upper  
 83 100  
 85 70.3 45.4 84.4





#27

1,2-Dichloroethane

Concen: 0.172 ug/L

RT: 5.130 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

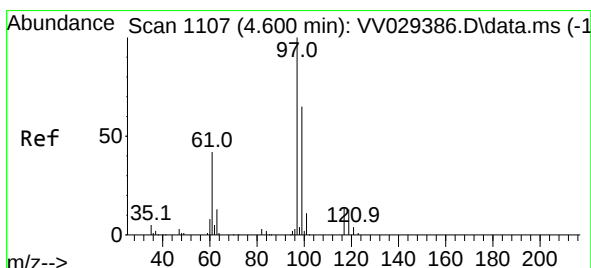
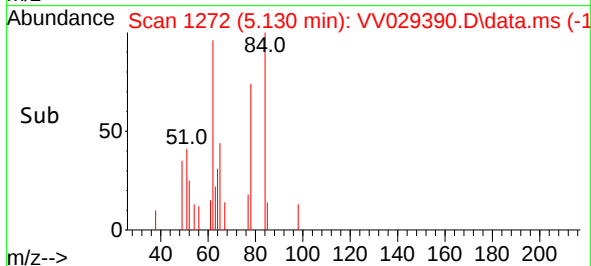
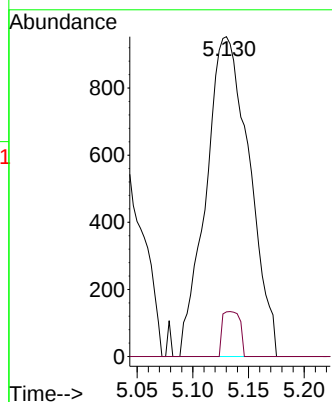
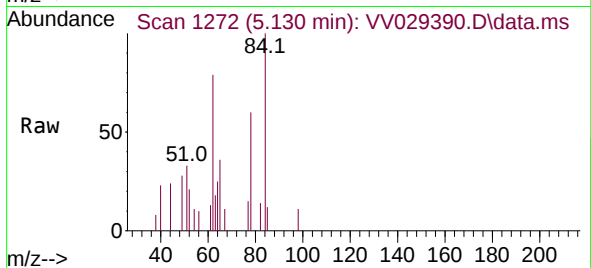
ClientSampleId :

Tgt Ion: 62 Resp: 2582

Ion Ratio Lower Upper

62 100

98 14.0 8.4 12.6#



#29

1,1,1-Trichloroethane

Concen: 0.151 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

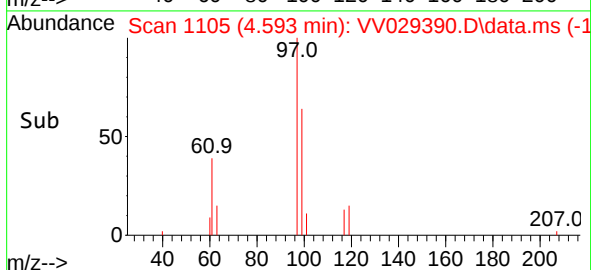
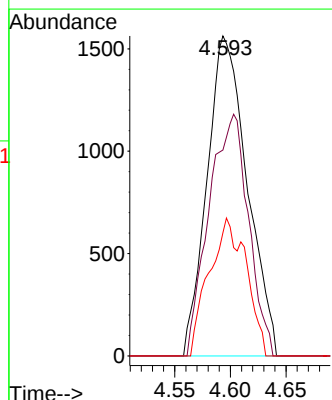
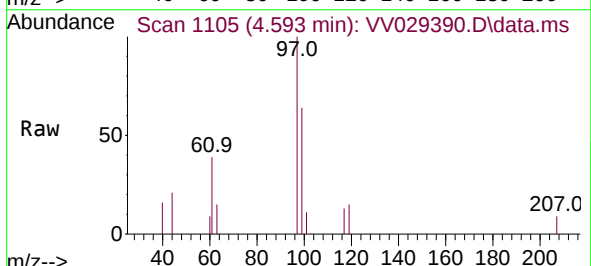
Tgt Ion: 97 Resp: 3919

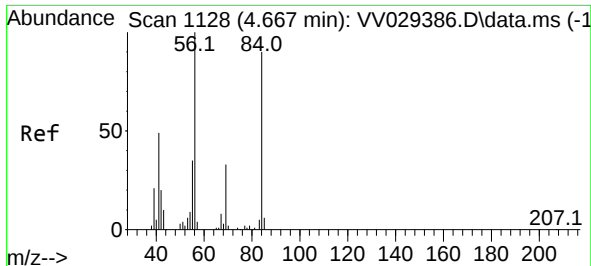
Ion Ratio Lower Upper

97 100

99 74.3 51.2 76.8

61 39.9 33.3 49.9

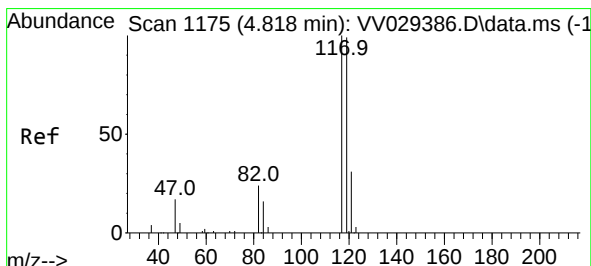
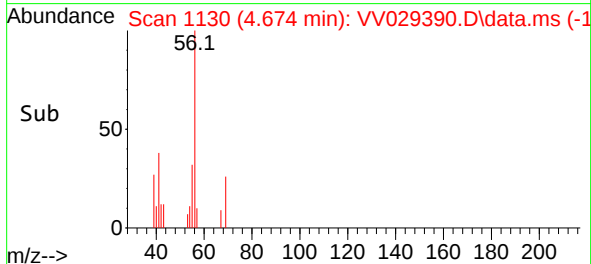
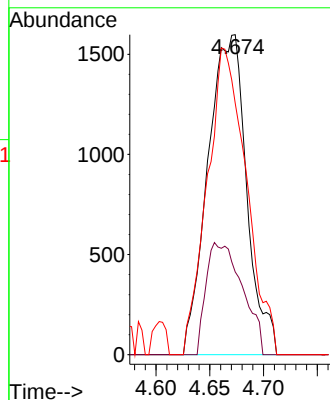
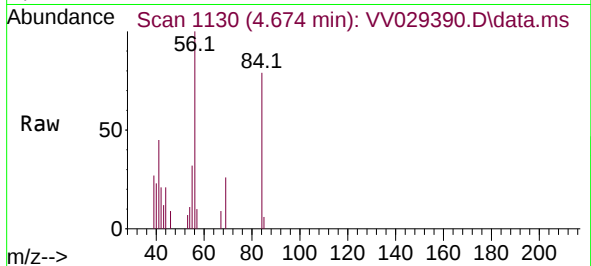




#30  
Cyclohexane  
Concen: 0.156 ug/L  
RT: 4.674 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

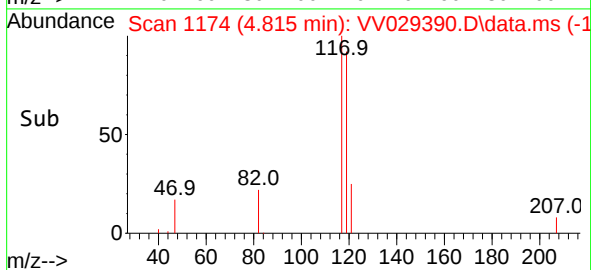
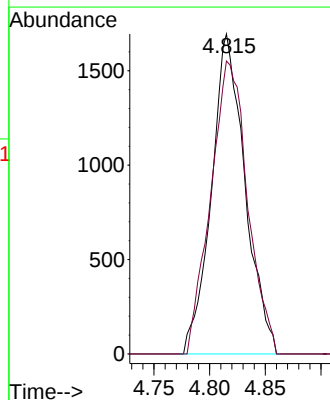
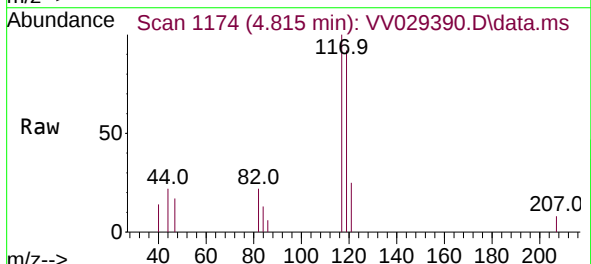
Instrument :  
MSVOA\_V  
ClientSampleId :

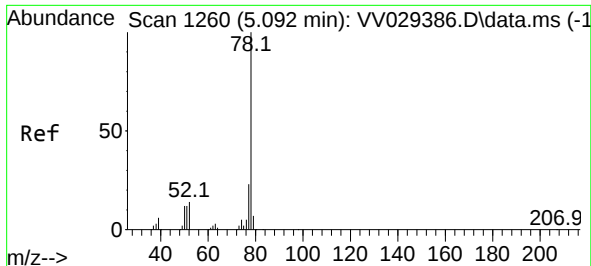
Tgt Ion: 56 Resp: 4013  
Ion Ratio Lower Upper  
56 100  
69 32.6 26.1 39.1  
84 96.5 75.6 113.4



#31  
Carbon tetrachloride  
Concen: 0.161 ug/L  
RT: 4.815 min Scan# 1174  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 117 Resp: 3542  
Ion Ratio Lower Upper  
117 100  
119 100.8 75.7 113.5

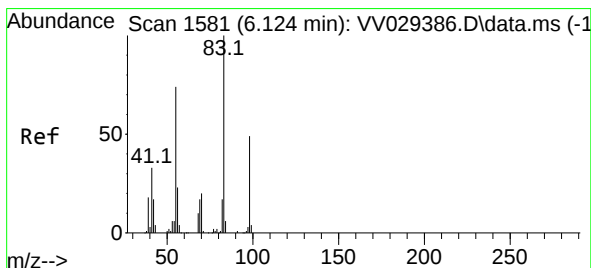
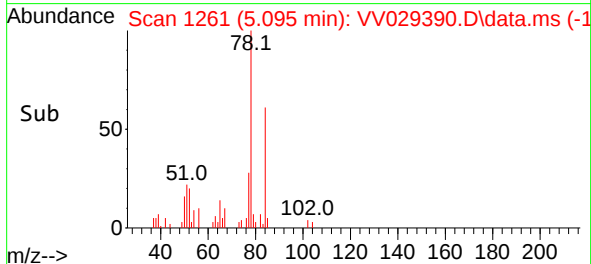
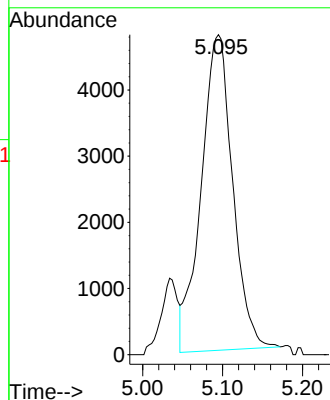
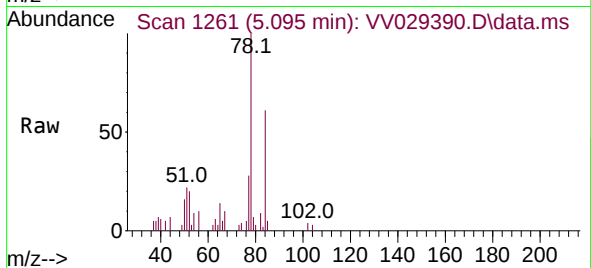




#33  
Benzene  
Concen: 0.193 ug/L  
RT: 5.095 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

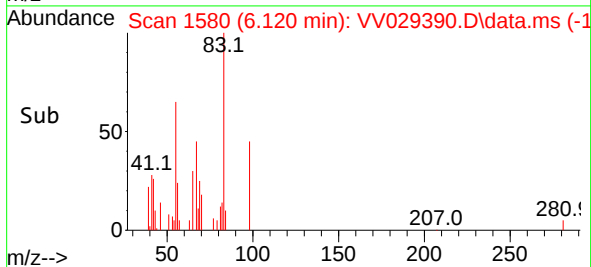
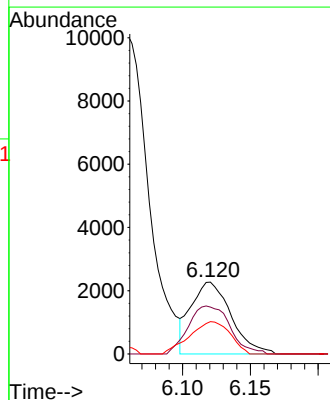
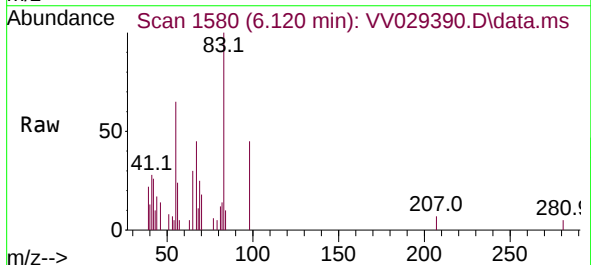
Instrument :  
MSVOA\_V  
ClientSampleId :

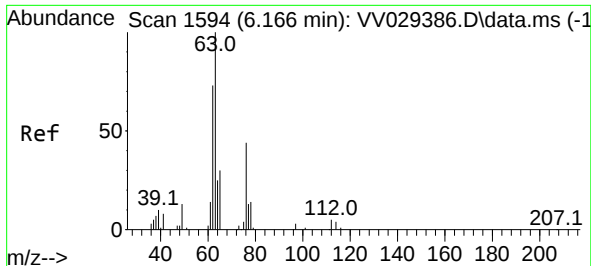
Tgt Ion: 78 Resp: 13042



#35  
Methylcyclohexane  
Concen: 0.161 ug/L  
RT: 6.120 min Scan# 1580  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 83 Resp: 4674  
Ion Ratio Lower Upper  
83 100  
55 69.2 55.4 83.2  
98 45.2 39.4 59.2





#37

1,2-Dichloropropane

Concen: 0.150 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

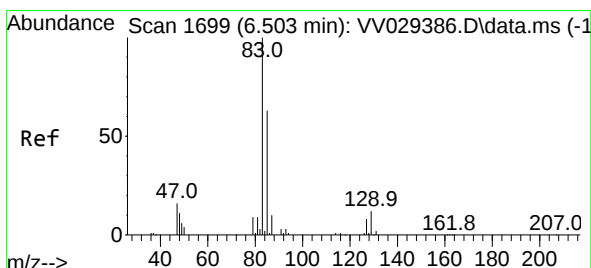
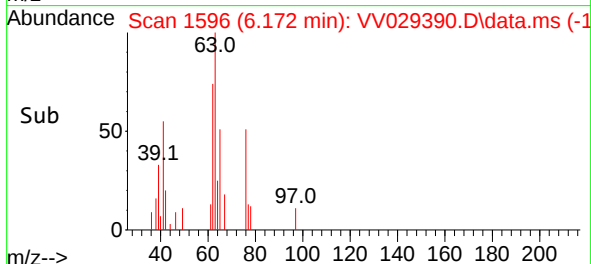
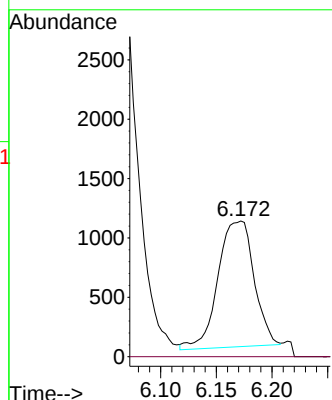
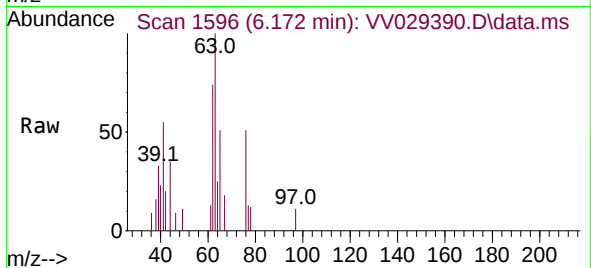
ClientSampleId :

Tgt Ion: 63 Resp: 2393

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.191 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

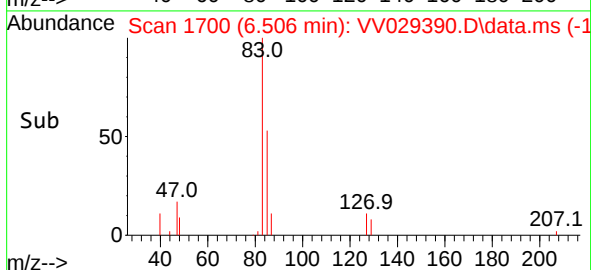
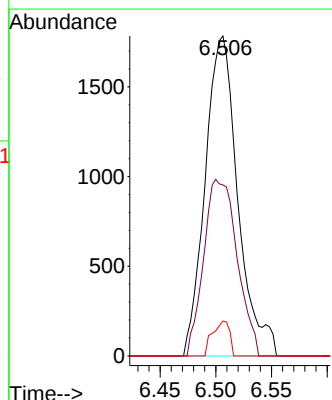
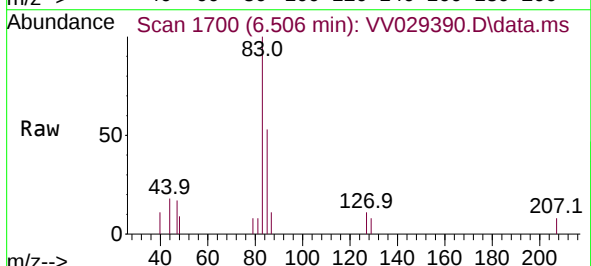
Tgt Ion: 83 Resp: 3642

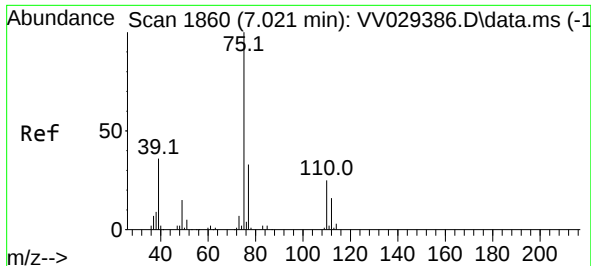
Ion Ratio Lower Upper

83 100

85 53.4 44.7 83.1

127 10.9 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.168 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

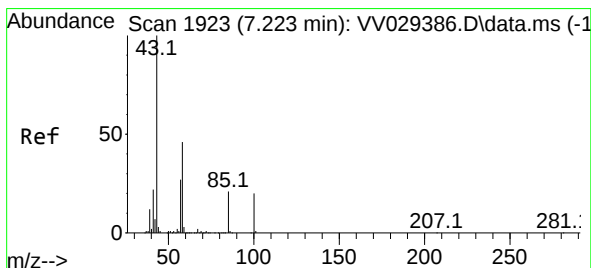
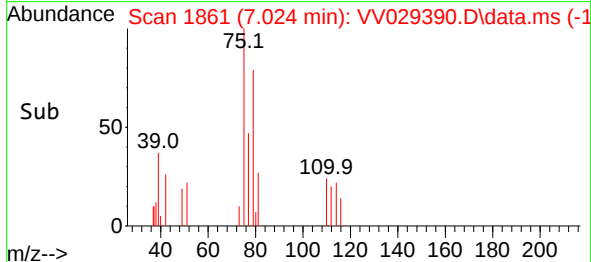
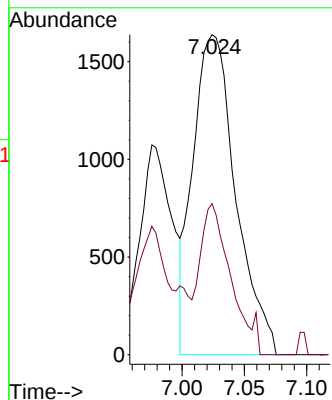
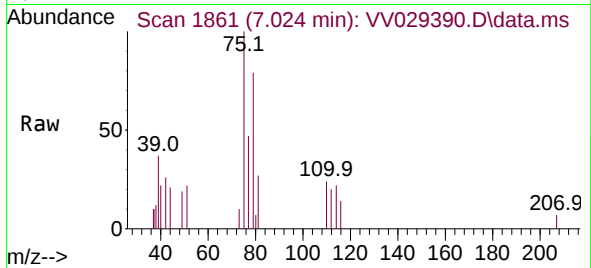
ClientSampleId :

Tgt Ion: 75 Resp: 3911

Ion Ratio Lower Upper

75 100

77 47.2 22.7 42.3#



#40

4-Methyl-2-pentanone

Concen: 1.531 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

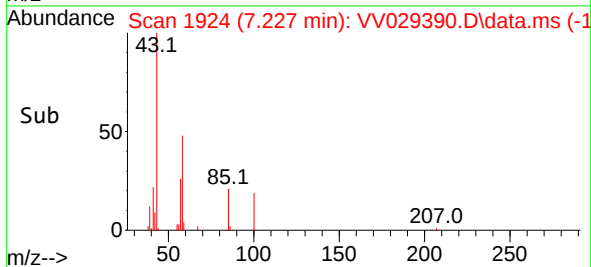
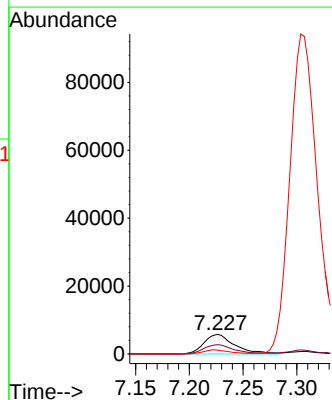
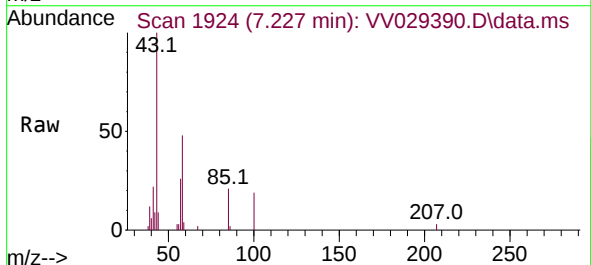
Tgt Ion: 43 Resp: 11415

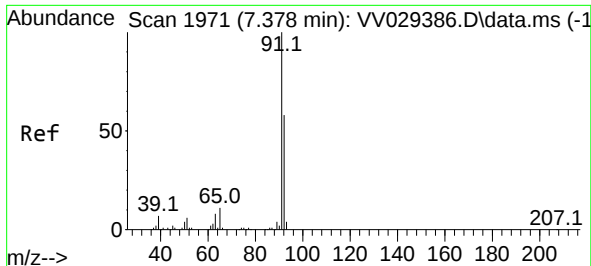
Ion Ratio Lower Upper

43 100

58 48.0 35.3 52.9

100 0.0 15.3 22.9#

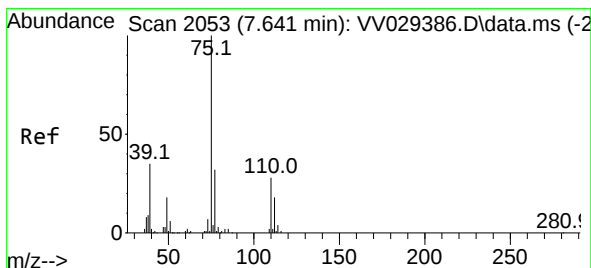
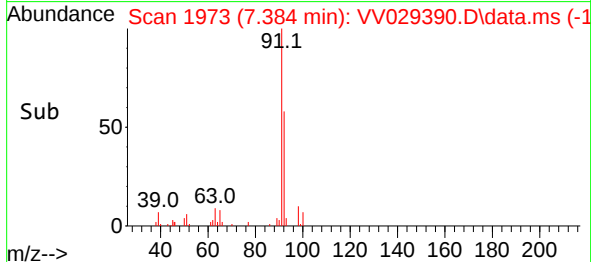
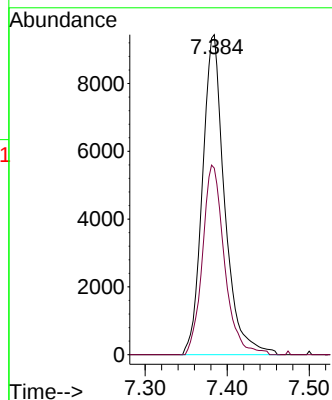
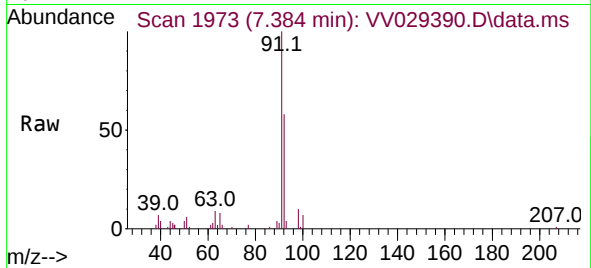




#42  
Toluene  
Concen: 0.244 ug/L  
RT: 7.384 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

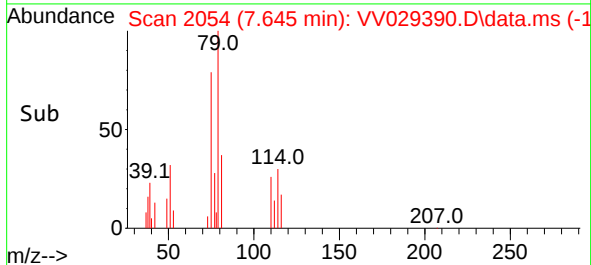
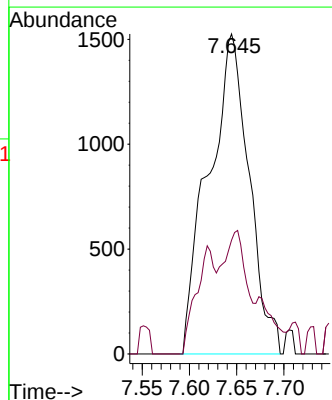
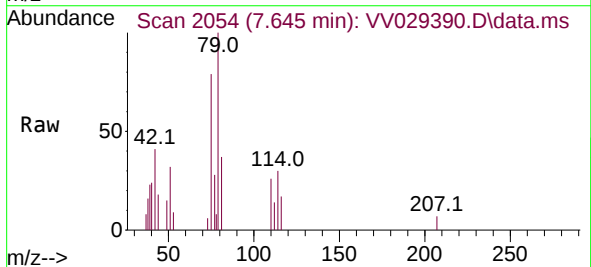
Instrument :  
MSVOA\_V  
ClientSampleId :

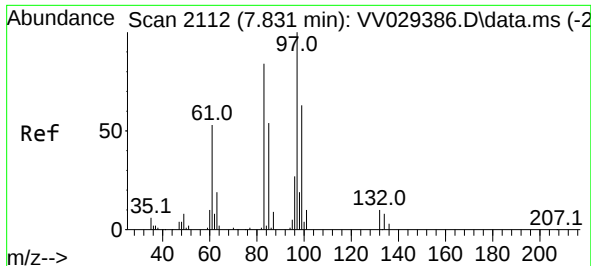
Tgt Ion: 91 Resp: 17722  
Ion Ratio Lower Upper  
91 100  
92 58.3 40.8 75.8



#44  
trans-1,3-Dichloropropene  
Concen: 0.247 ug/L  
RT: 7.645 min Scan# 2054  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

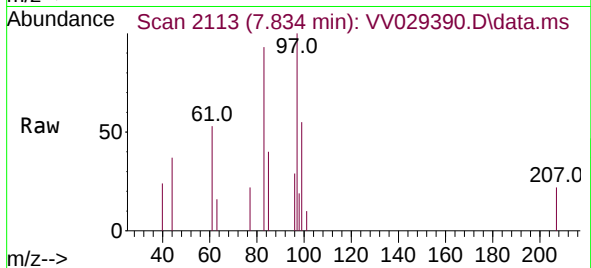
Tgt Ion: 75 Resp: 4549  
Ion Ratio Lower Upper  
75 100  
77 35.5 22.4 41.6



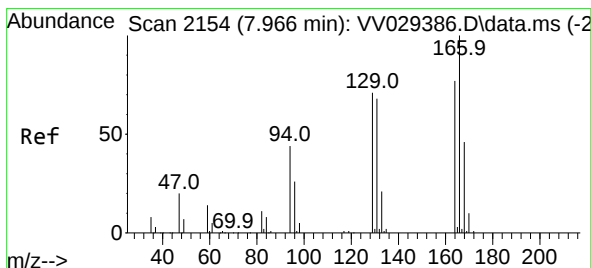
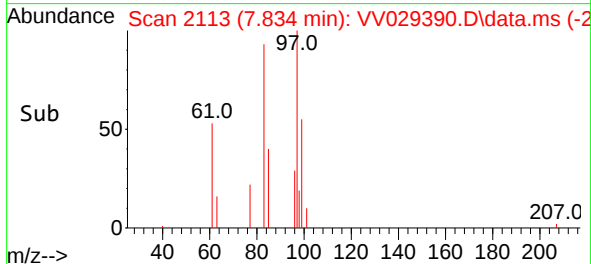
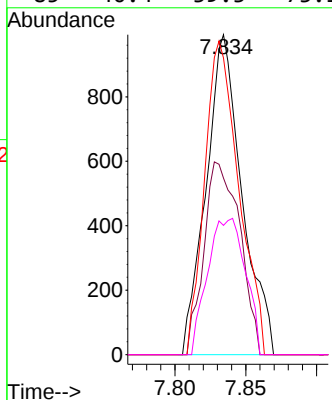


#45  
1,1,2-Trichloroethane  
Concen: 0.162 ug/L  
RT: 7.834 min Scan# 2112  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

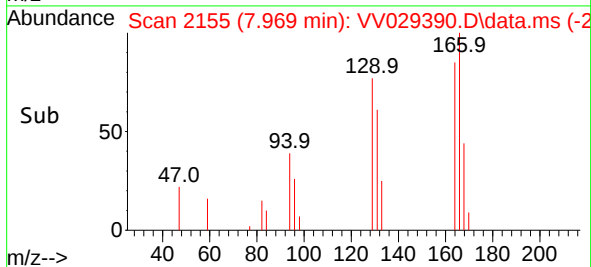
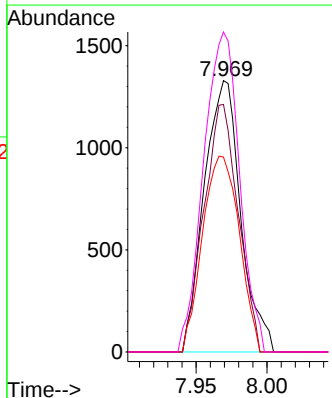
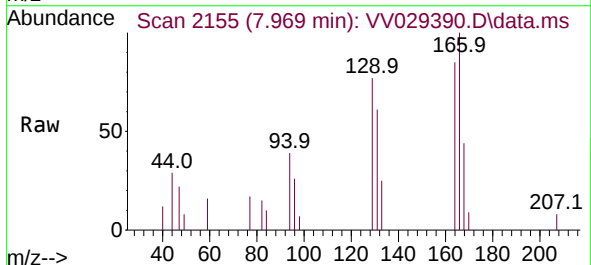


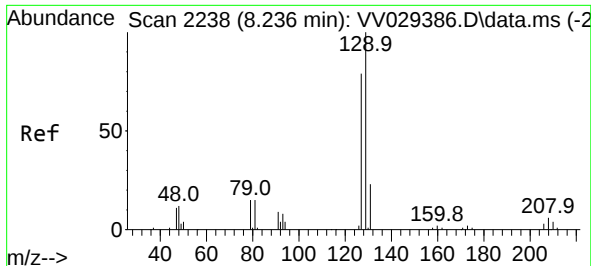
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 1749  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 55.2  | 44.4  | 82.5  |
| 83       | 92.7  | 59.5  | 110.5 |
| 85       | 40.4  | 39.3  | 73.1  |



#47  
Tetrachloroethene  
Concen: 0.168 ug/L  
RT: 7.969 min Scan# 2155  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2380  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 91.2  | 61.7  | 114.7 |
| 131      | 71.8  | 62.9  | 116.9 |
| 166      | 117.9 | 88.5  | 164.3 |





#49

Dibromochloromethane

Concen: 0.179 ug/L

RT: 8.236 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

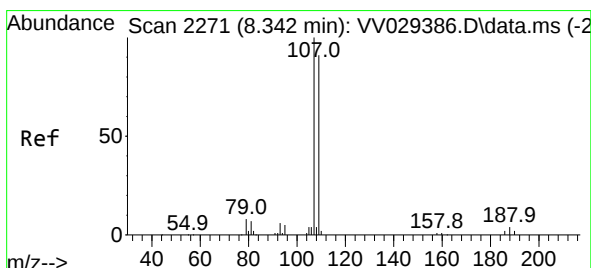
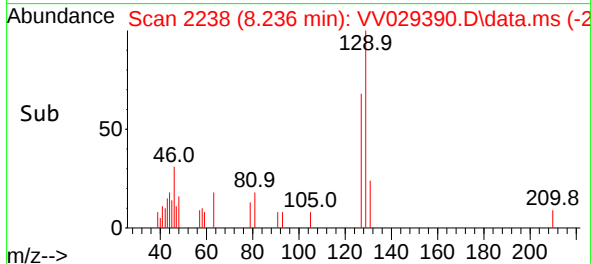
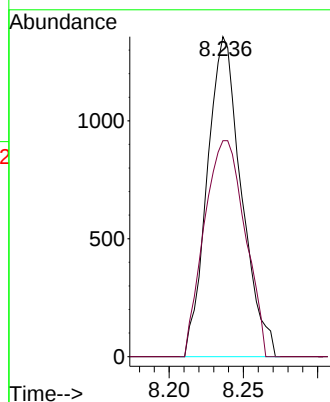
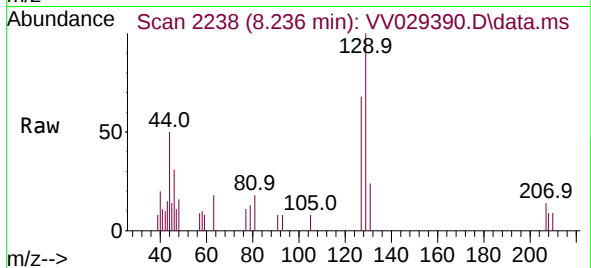
ClientSampleId :

Tgt Ion:129 Resp: 2171

Ion Ratio Lower Upper

129 100

127 67.5 53.1 98.7



#50

1,2-Dibromoethane

Concen: 0.180 ug/L

RT: 8.345 min Scan# 2272

Delta R.T. 0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

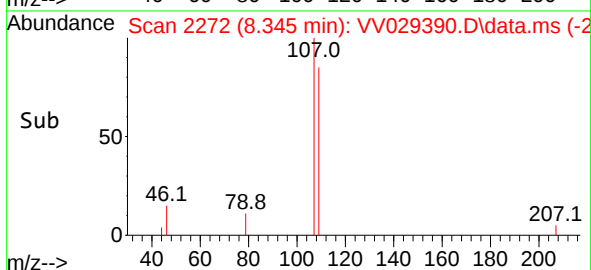
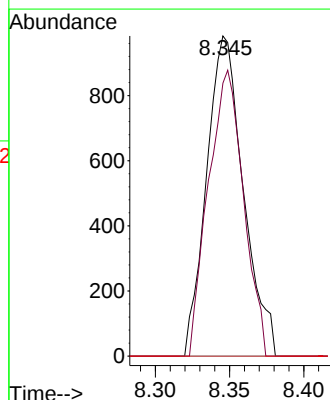
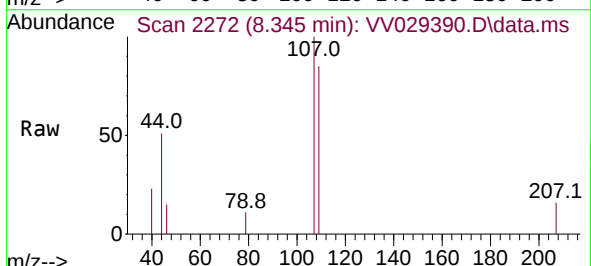
Tgt Ion:107 Resp: 1696

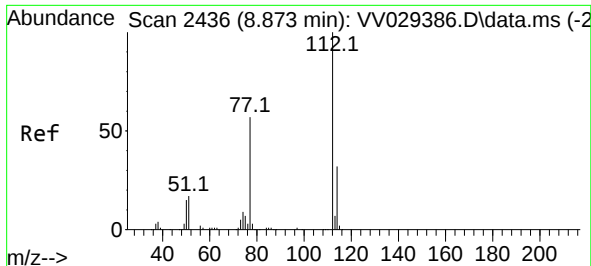
Ion Ratio Lower Upper

107 100

109 85.2 64.0 118.8

188 0.0 3.0 4.4#





#51

Chlorobenzene

Concen: 0.165 ug/L

RT: 8.876 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029390.D

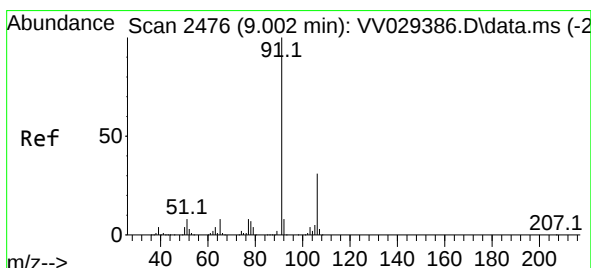
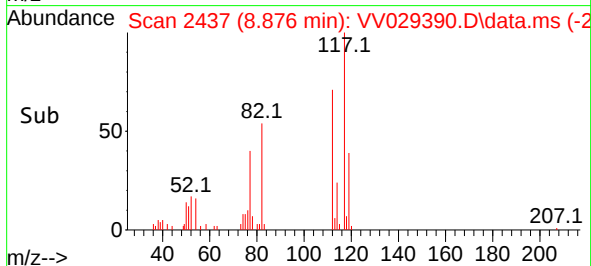
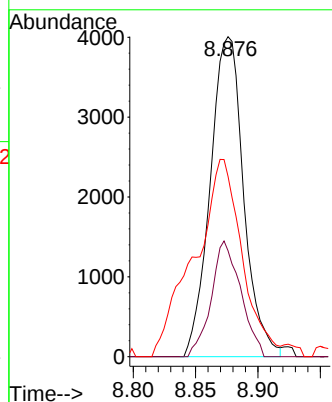
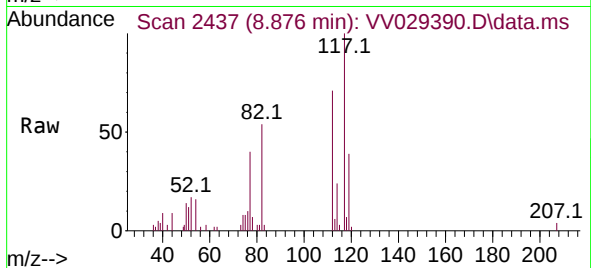
Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 7494  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 33.1  | 22.9  | 42.5  |
| 77       | 56.4  | 45.3  | 67.9  |



#52

Ethylbenzene

Concen: 0.181 ug/L

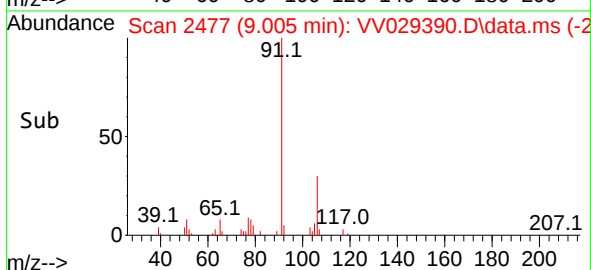
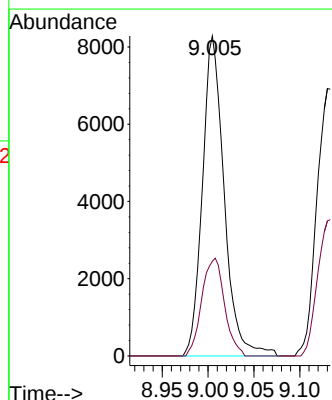
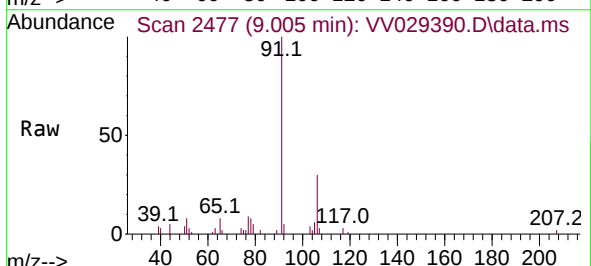
RT: 9.005 min Scan# 2477

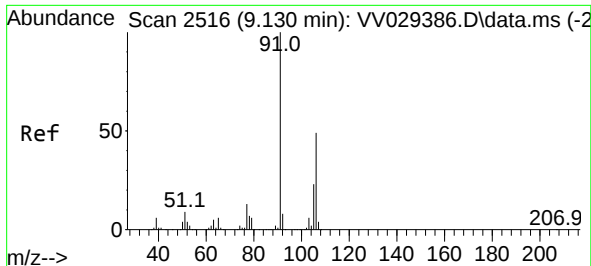
Delta R.T. 0.003 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 13669 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 29.6  | 21.9  | 40.7  |

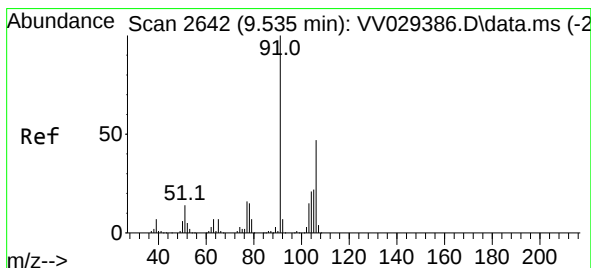
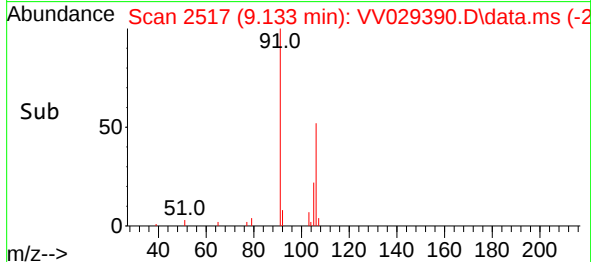
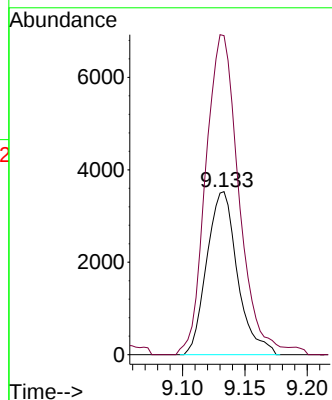
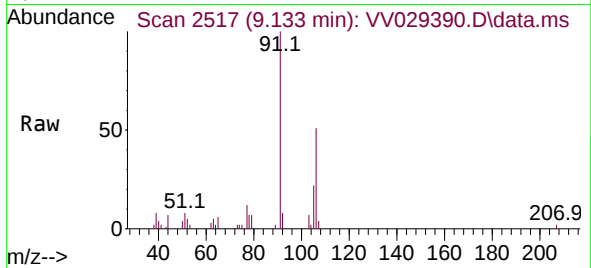




#53  
m,p-Xylene  
Concen: 0.203 ug/L  
RT: 9.133 min Scan# 2516  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

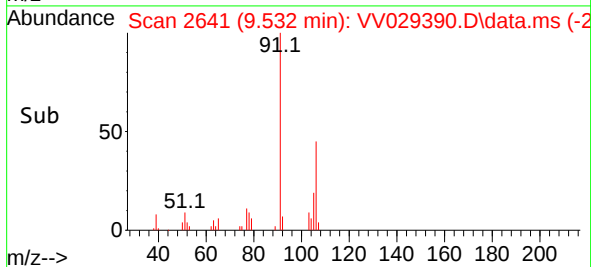
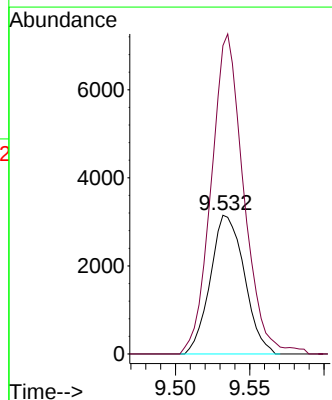
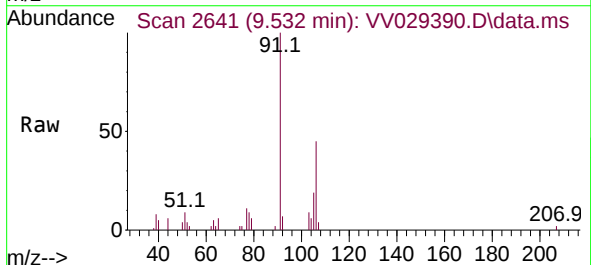
Instrument :  
MSVOA\_V  
ClientSampleId :

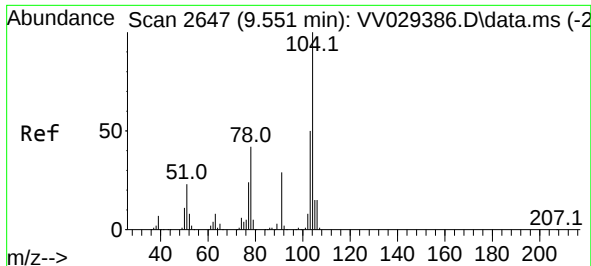
Tgt Ion:106 Resp: 6055  
Ion Ratio Lower Upper  
106 100  
91 195.7 140.6 261.2



#54  
o-Xylene  
Concen: 0.171 ug/L  
RT: 9.532 min Scan# 2641  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion:106 Resp: 5021  
Ion Ratio Lower Upper  
106 100  
91 222.4 146.9 272.9

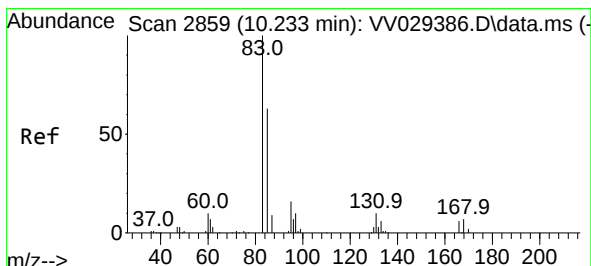
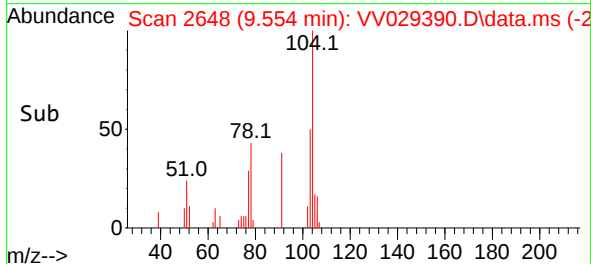
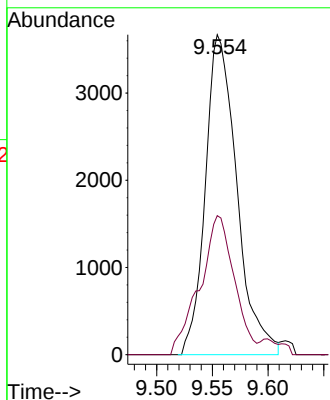
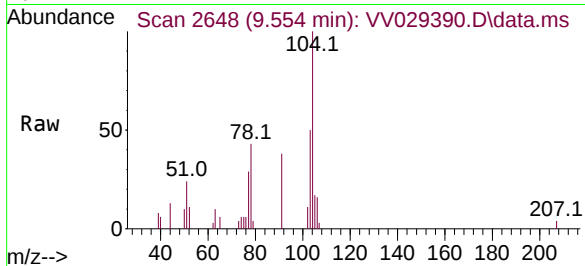




#55  
Styrene  
Concen: 0.146 ug/L  
RT: 9.554 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

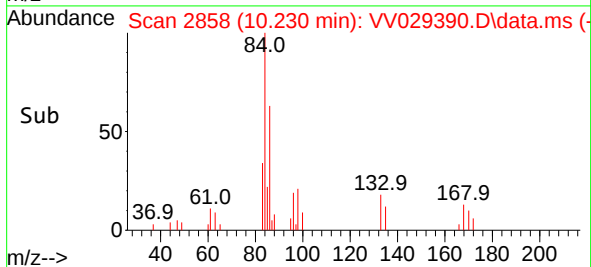
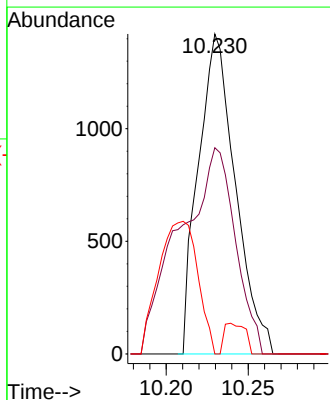
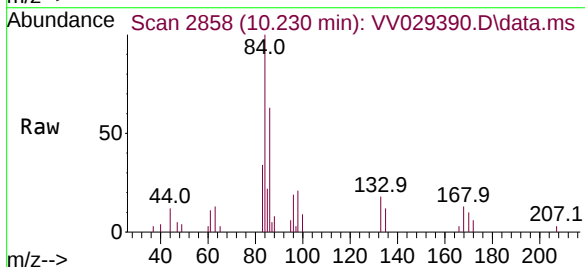
Instrument :  
MSVOA\_V  
ClientSampleId :

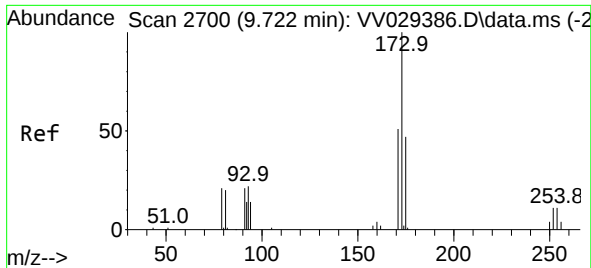
Tgt Ion:104 Resp: 7207  
Ion Ratio Lower Upper  
104 100  
78 43.4 29.9 55.5



#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.199 ug/L  
RT: 10.230 min Scan# 2858  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 83 Resp: 2224  
Ion Ratio Lower Upper  
83 100  
85 64.5 45.5 84.5  
131 0.0 8.2 12.2#

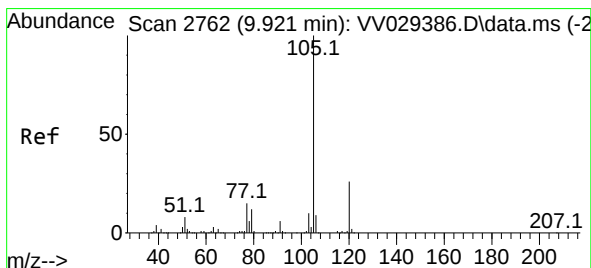
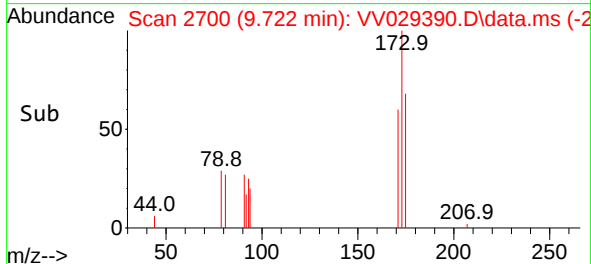
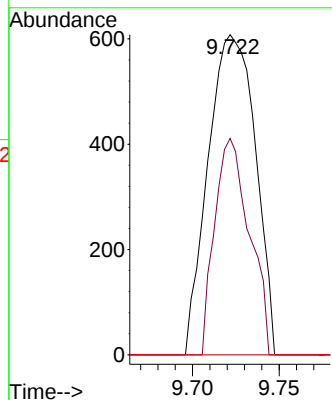
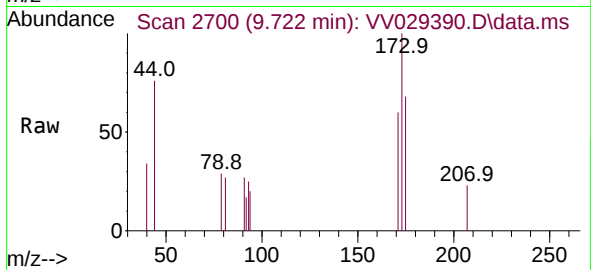




#59  
Bromoform  
Concen: 0.193 ug/L  
RT: 9.722 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

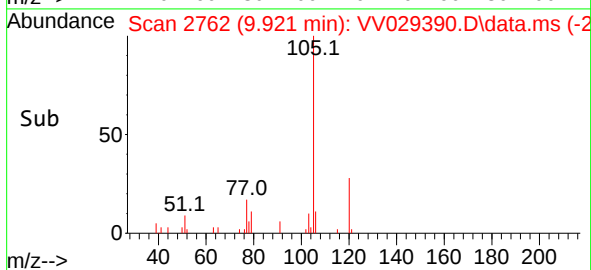
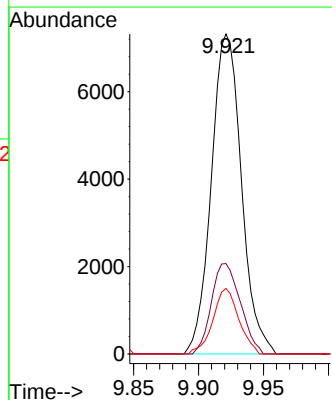
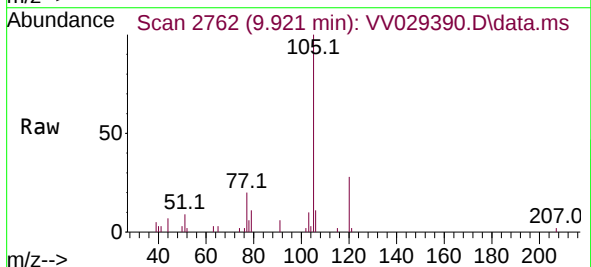
Instrument :  
MSVOA\_V  
ClientSampleId :

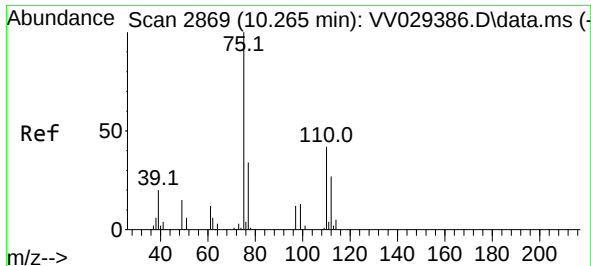
Tgt Ion:173 Resp: 1155  
Ion Ratio Lower Upper  
173 100  
175 49.6 38.6 58.0  
254 0.0 8.3 12.5#



#60  
Isopropylbenzene  
Concen: 0.160 ug/L  
RT: 9.921 min Scan# 2762  
Delta R.T. -0.000 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

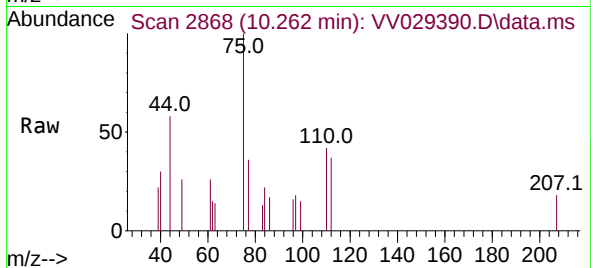
Tgt Ion:105 Resp: 11776  
Ion Ratio Lower Upper  
105 100  
120 27.2 21.4 32.2  
77 17.6 11.8 17.8



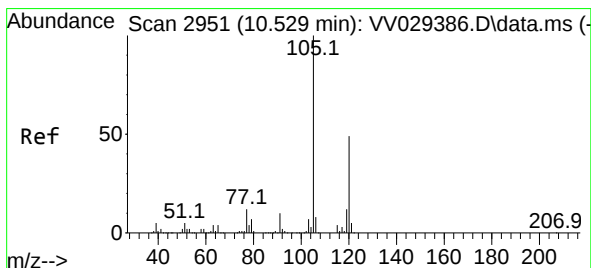
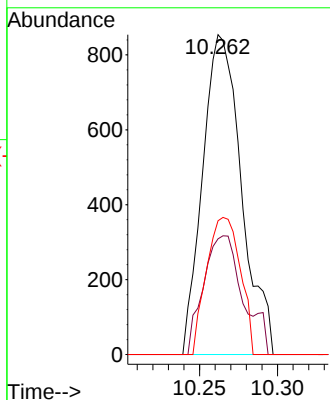
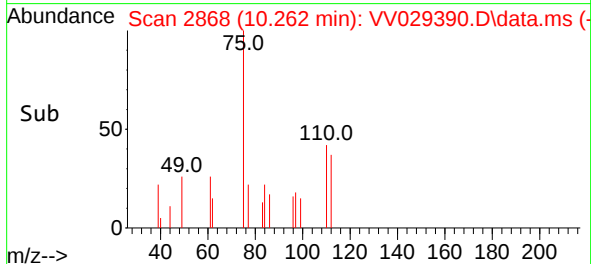


#61  
1,2,3-Trichloropropane  
Concen: 0.188 ug/L  
RT: 10.262 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Instrument :  
MSVOA\_V  
ClientSampleId :

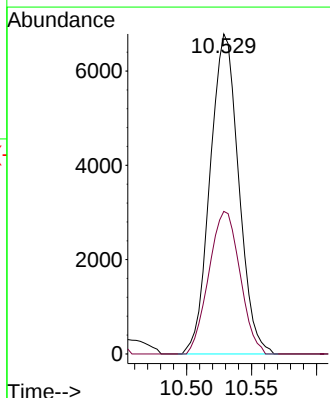
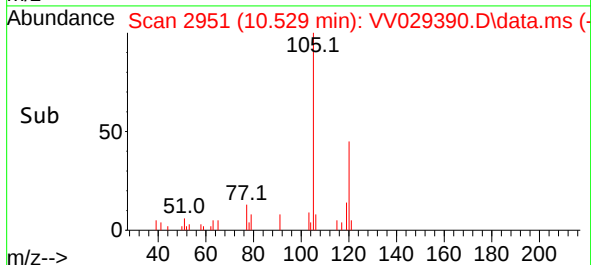
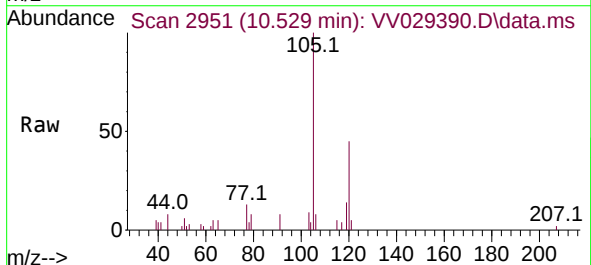


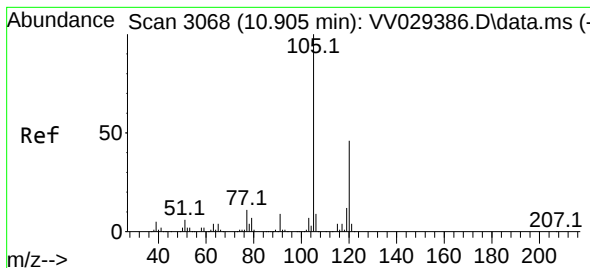
Tgt Ion: 75 Resp: 1480  
Ion Ratio Lower Upper  
75 100  
77 37.9 26.7 40.1  
110 37.1 32.2 48.4



#62  
1,3,5-Trimethylbenzene  
Concen: 0.163 ug/L  
RT: 10.529 min Scan# 2951  
Delta R.T. -0.000 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 105 Resp: 10387  
Ion Ratio Lower Upper  
105 100  
120 48.4 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.157 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

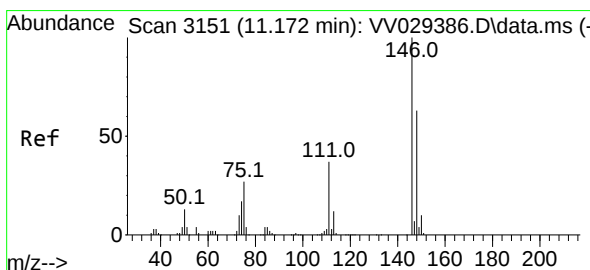
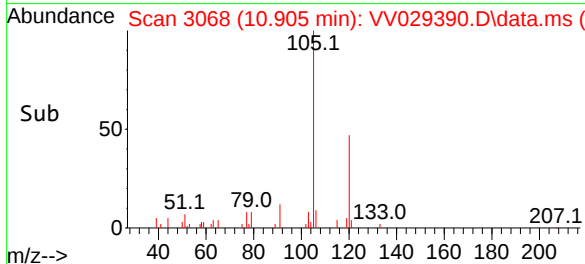
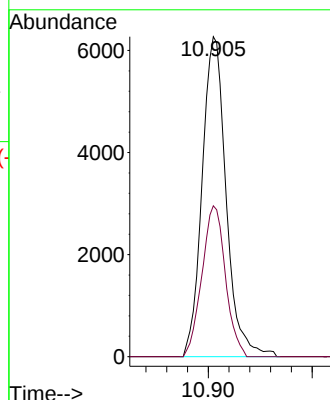
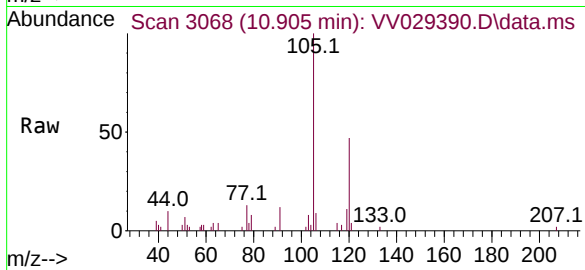
ClientSampleId :

Tgt Ion:105 Resp: 10047

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8



#64

1,3-Dichlorobenzene

Concen: 0.165 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

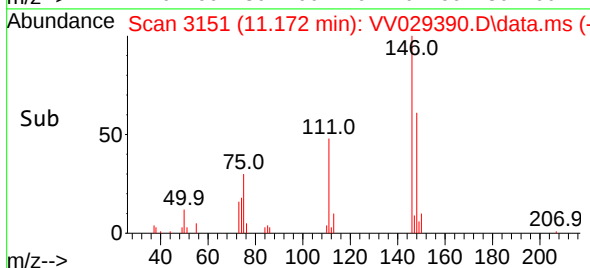
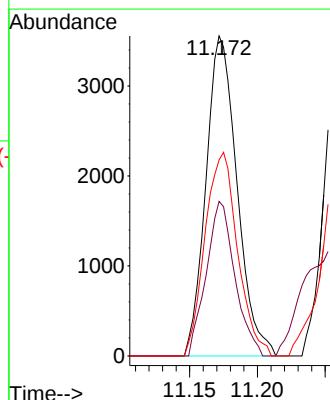
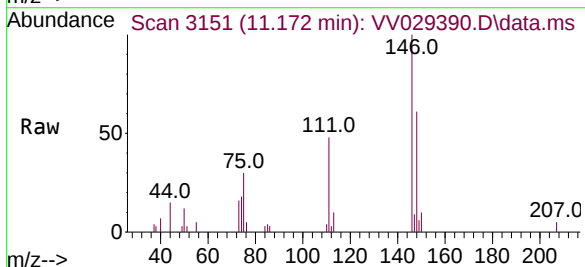
Tgt Ion:146 Resp: 5672

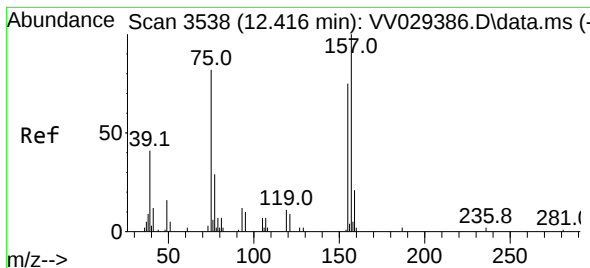
Ion Ratio Lower Upper

146 100

111 48.3 26.3 48.9

148 61.2 44.4 82.4

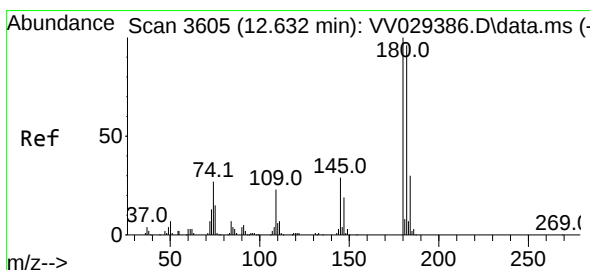
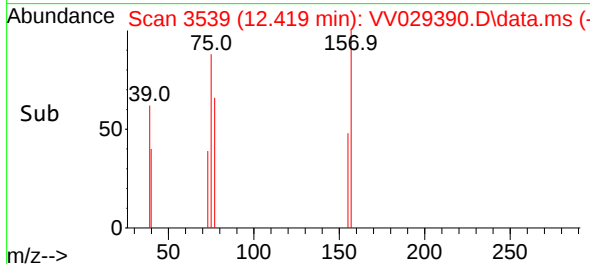
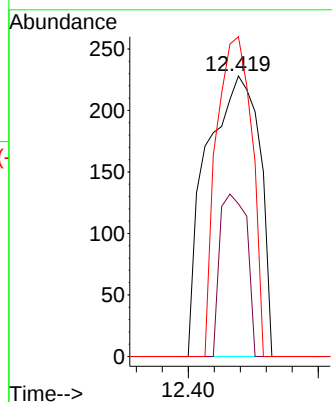
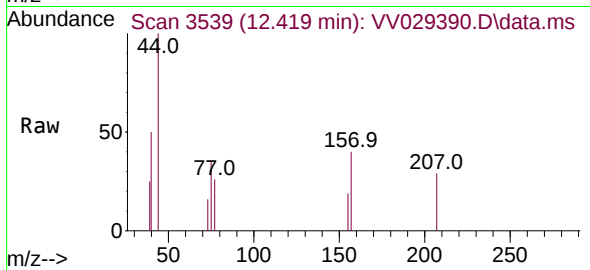




#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.208 ug/L  
RT: 12.419 min Scan# 3539  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

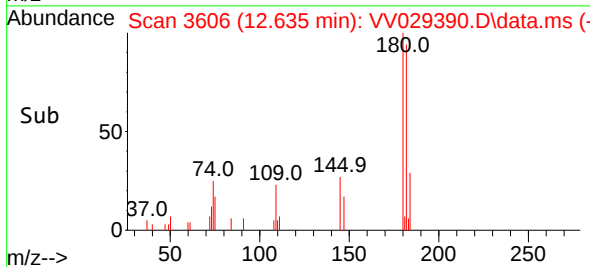
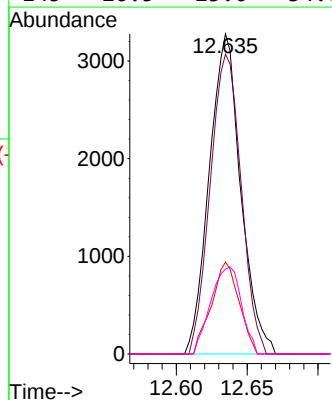
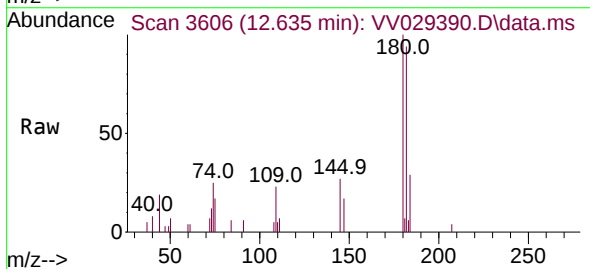
Instrument :  
MSVOA\_V  
ClientSampleId :

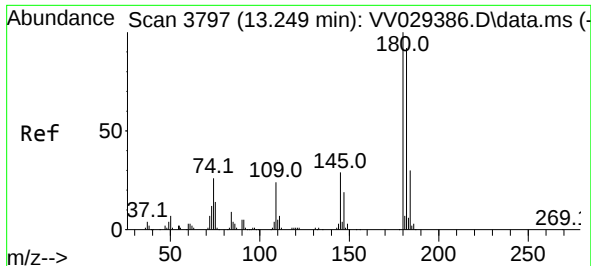
Tgt Ion: 75 Resp: 323  
Ion Ratio Lower Upper  
75 100  
155 54.4 76.6 115.0#  
157 114.0 96.9 145.3



#69  
1,3,5-Trichlorobenzene  
Concen: 0.179 ug/L  
RT: 12.635 min Scan# 3606  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

Tgt Ion: 180 Resp: 5061  
Ion Ratio Lower Upper  
180 100  
182 91.7 77.0 115.6  
184 25.2 24.4 36.6  
145 26.5 23.0 34.6

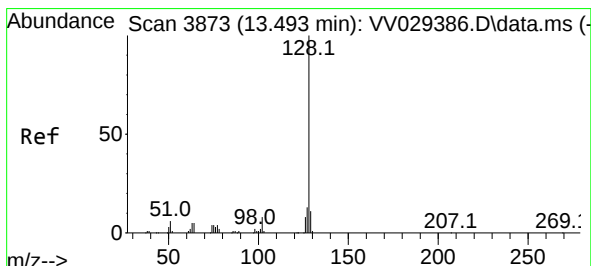
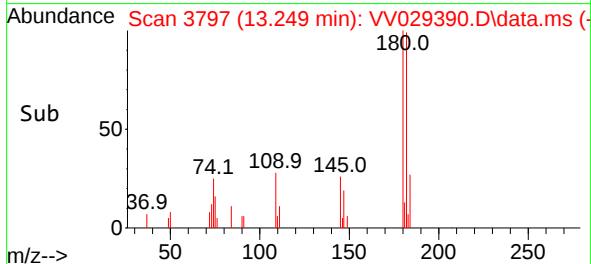
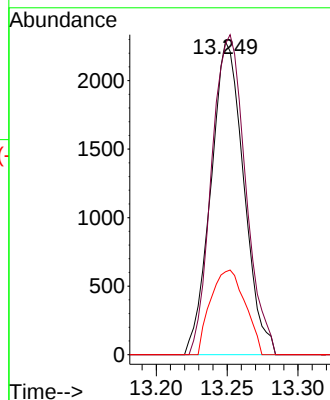
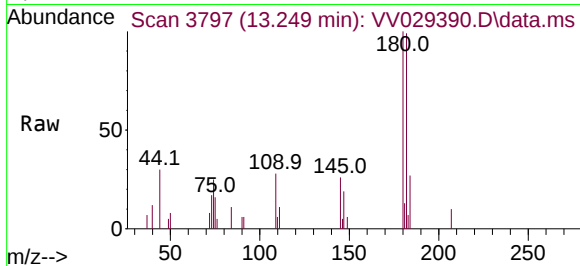




#70  
1,2,4-trichlorobenzene  
Concen: 0.161 ug/L  
RT: 13.249 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

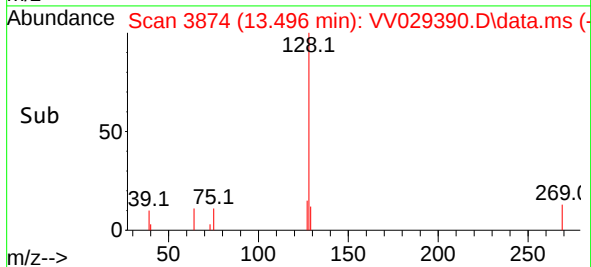
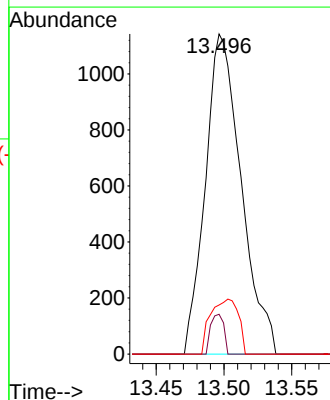
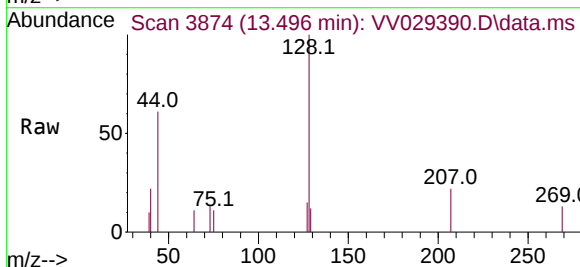
Instrument :  
MSVOA\_V  
ClientSampleId :

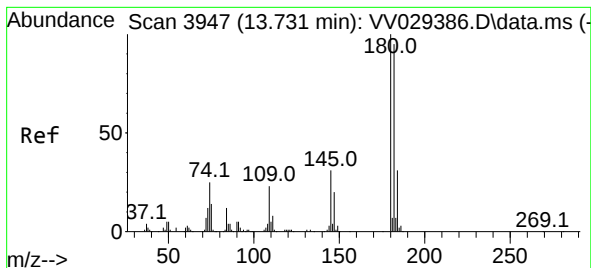
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 105.1 | 76.2  | 114.4 |
| 145     | 28.4  | 23.4  | 35.0  |



#71  
Naphthalene  
Concen: 0.106 ug/L  
RT: 13.496 min Scan# 3874  
Delta R.T. 0.003 min  
Lab File: VV029390.D  
Acq: 02 Dec 2022 13:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 4.5   | 8.9   | 13.3# |
| 127     | 13.3  | 10.6  | 15.8  |





#72

1,2,3-Trichlorobenzene

Concen: 0.158 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

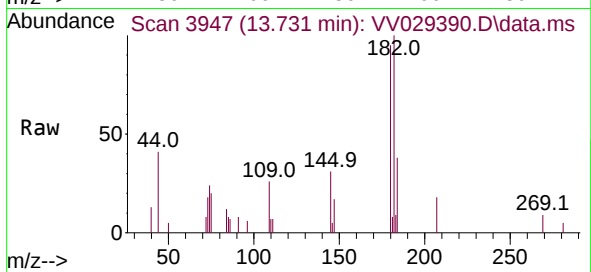
Lab File: VV029390.D

Acq: 02 Dec 2022 13:50

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:180 Resp: 2951

Ion Ratio Lower Upper

180 100

182 107.9 75.0 112.4

145 30.8 25.2 37.8

