

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028819.D  
 Acq On : 26 May 2024 04:04  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 27 02:28:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon May 27 02:22:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 277610   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 267759   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 133714   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 109869   | 20.842   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.360%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 92354    | 22.880   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 47485    | 21.560   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 86.240%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 52547    | 38.207   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 76.420%  |
| 24) Chloroform-d              | 7.648  | 84    | 235244   | 27.119   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 108.480% |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 124547   | 25.079   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.320% |
| 32) Benzene-d6                | 8.276  | 84    | 457807   | 25.627   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 102.520% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 140142   | 26.070   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.280% |
| 41) Toluene-d8                | 10.319 | 98    | 415282   | 26.249   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 105.000% |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 50473    | 23.340   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 36148    | 38.988   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.980%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 97794    | 21.695   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 126793   | 24.879   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.520%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 62278    | 15.437   | ug/L # | 84       |
| 3) Chloromethane              | 2.222  | 50    | 104971   | 21.003   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.375  | 62    | 108935   | 19.360   | ug/L   | 99       |
| 6) Bromomethane               | 2.789  | 94    | 72345    | 22.226   | ug/L   | 97       |
| 8) Chloroethane               | 2.936  | 64    | 70902    | 22.095   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.271  | 101   | 89673    | 19.412   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 89972    | 21.125   | ug/L   | 91       |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 87440    | 22.886   | ug/L   | 98       |
| 13) Acetone                   | 4.118  | 43    | 33847    | 27.052   | ug/L   | 95       |
| 14) Carbon disulfide          | 4.393  | 76    | 258770   | 20.040   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.667  | 43    | 43552    | 20.008   | ug/L   | 99       |
| 16) Methylene chloride        | 4.923  | 84    | 108052   | 25.167   | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 99260    | 24.954   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 147964   | 25.207   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63    | 208081   | 26.380   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96    | 114200   | 27.433   | ug/L   | 90       |
| 22) 2-Butanone                | 7.167  | 43    | 55335    | 34.457   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128   | 48884    | 26.920   | ug/L   | 90       |
| 25) Chloroform                | 7.679  | 83    | 210783   | 27.629   | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
 Data File : VW028819.D  
 Acq On : 26 May 2024 04:04  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 27 02:28:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon May 27 02:22:53 2024  
 Response via : Initial Calibration

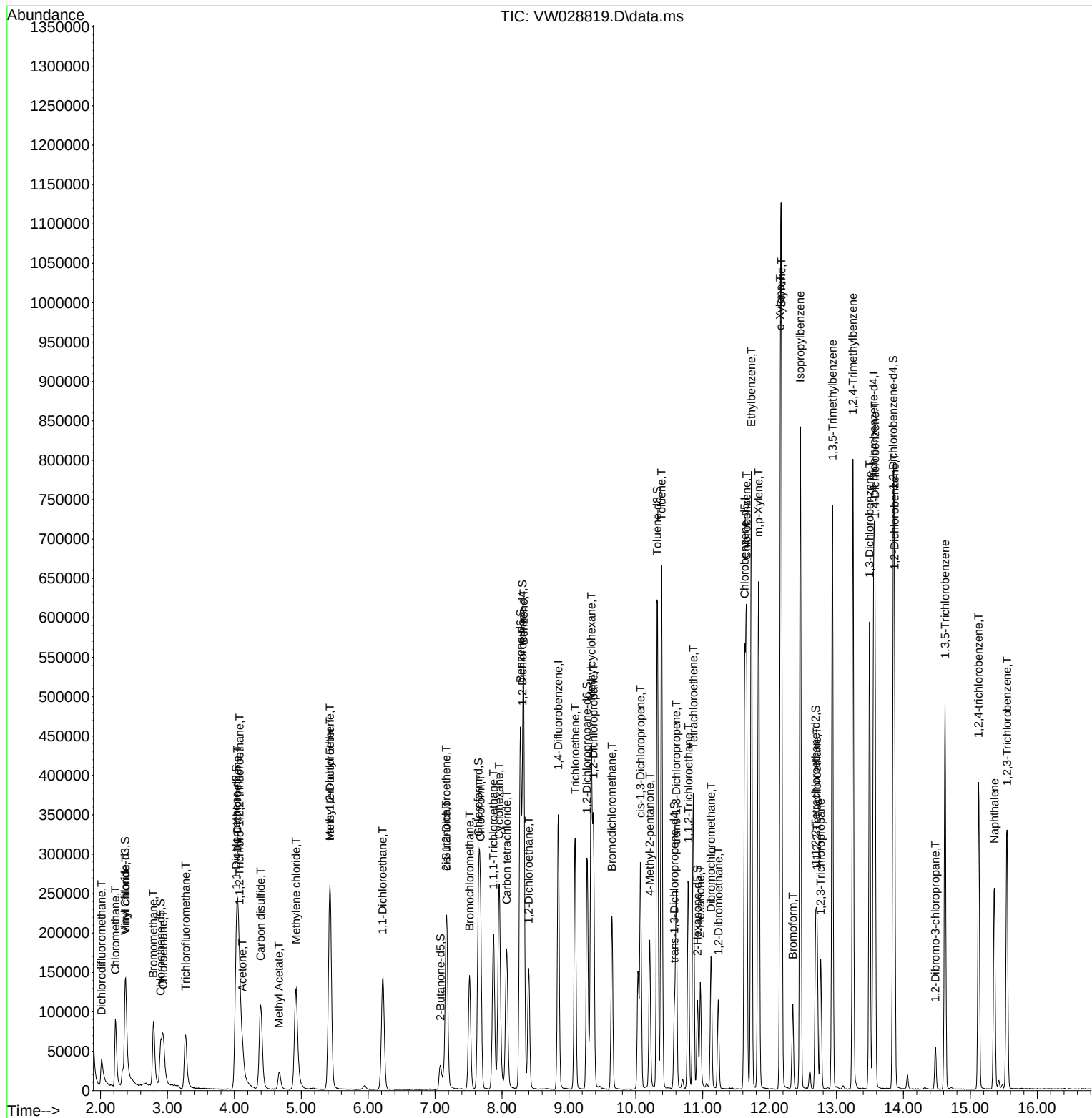
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 140064   | 25.256 | ug/L  | 99       |
| 29) Cyclohexane               | 7.959  | 56   | 147809   | 19.361 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 154019   | 22.954 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 136873   | 22.373 | ug/L  | 99       |
| 33) Benzene                   | 8.325  | 78   | 446287   | 25.703 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 115199   | 24.746 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.337  | 83   | 165362   | 20.326 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 119372   | 26.384 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 148397   | 26.907 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 164533   | 25.372 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 125132   | 40.637 | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 461599   | 25.740 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 132630   | 24.257 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 80752    | 24.638 | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.861 | 164  | 78809    | 23.497 | ug/L  | 99       |
| 48) 2-Hexanone                | 10.965 | 43   | 84436    | 38.840 | ug/L  | 97       |
| 49) Dibromochloromethane      | 11.123 | 129  | 89410    | 27.198 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 73081    | 23.804 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.654 | 112  | 301014   | 27.135 | ug/L  | 95       |
| 52) Ethylbenzene              | 11.727 | 91   | 531034   | 26.166 | ug/L  | 97       |
| 53) m,p-Xylene                | 11.837 | 106  | 196171   | 26.370 | ug/L  | 98       |
| 54) o-Xylene                  | 12.160 | 106  | 187622   | 27.262 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 332041   | 28.473 | ug/L  | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 92504    | 22.496 | ug/L  | 98       |
| 59) Bromoform                 | 12.349 | 173  | 46691    | 23.935 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.458 | 105  | 519132   | 25.590 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 68576    | 21.221 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 377778   | 26.320 | ug/L  | 95       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 406595   | 26.291 | ug/L  | 94       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 229134   | 27.151 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 228808   | 26.520 | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 200976   | 26.608 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 13496    | 17.862 | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 138862   | 24.521 | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 115535   | 25.250 | ug/L  | 99       |
| 71) Naphthalene               | 15.360 | 128  | 218084   | 22.370 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 107052   | 25.928 | ug/L  | 98       |

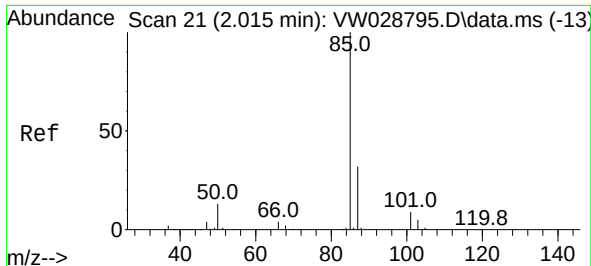
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052424\  
Data File : VW028819.D  
Acq On : 26 May 2024 04:04  
Operator : SY/MD  
Sample : VSTDCCC025EC  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: May 27 02:28:56 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon May 27 02:22:53 2024  
Response via : Initial Calibration

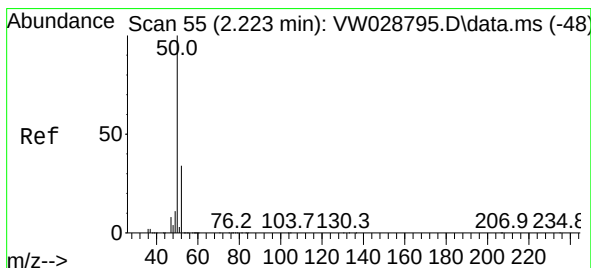
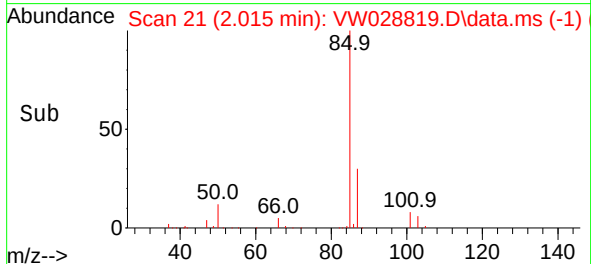
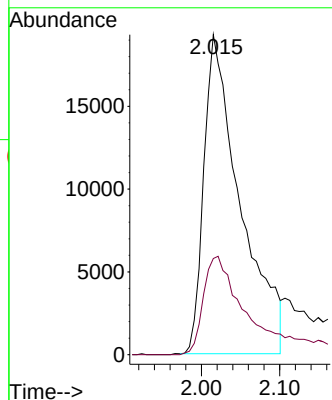
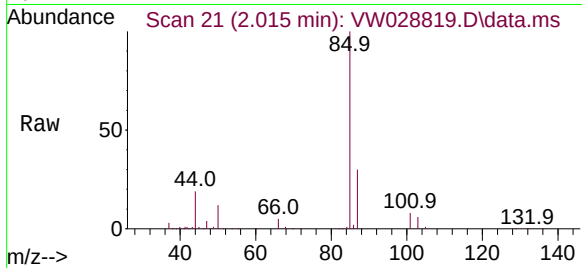




#2  
 Dichlorodifluoromethane  
 Concen: 15.437 ug/L  
 RT: 2.015 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW028819.D  
 Acq: 26 May 2024 04:04

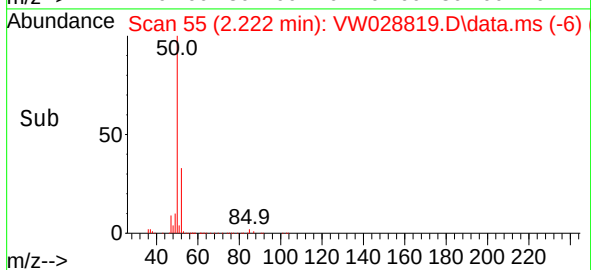
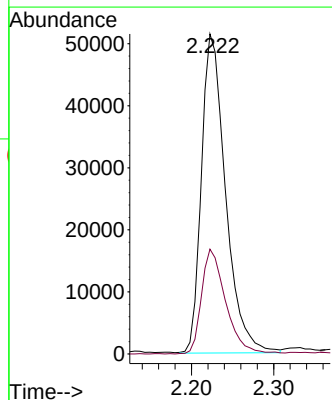
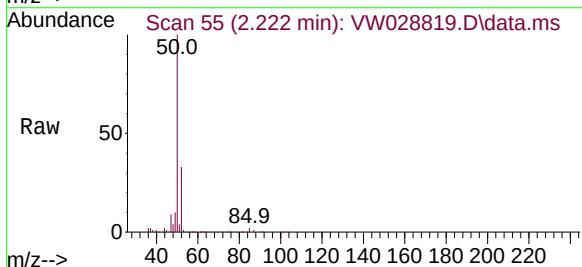
Instrument :  
 MSVOA\_W  
 ClientSampleId :

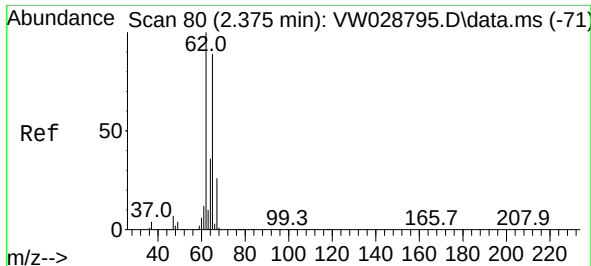
Tgt Ion: 85 Resp: 62278  
 Ion Ratio Lower Upper  
 85 100  
 87 35.6 21.9 32.9#



#3  
 Chloromethane  
 Concen: 21.003 ug/L  
 RT: 2.222 min Scan# 55  
 Delta R.T. -0.000 min  
 Lab File: VW028819.D  
 Acq: 26 May 2024 04:04

Tgt Ion: 50 Resp: 104971  
 Ion Ratio Lower Upper  
 50 100  
 52 32.7 22.0 41.0

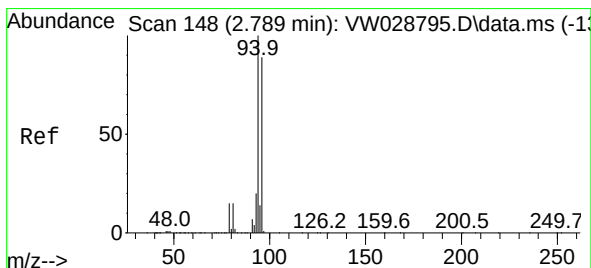
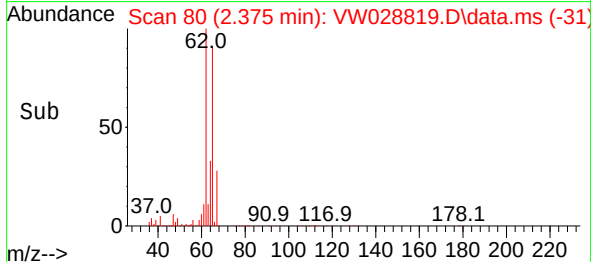
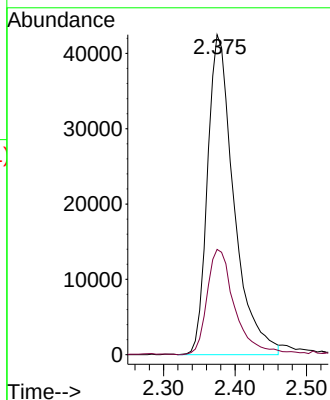
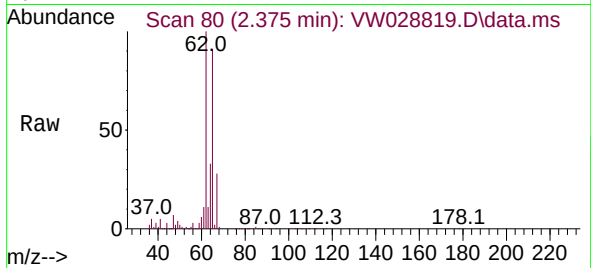




#5  
 Vinyl chloride  
 Concen: 19.360 ug/L  
 RT: 2.375 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: VW028819.D  
 Acq: 26 May 2024 04:04

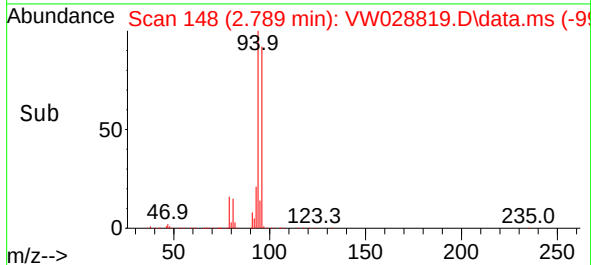
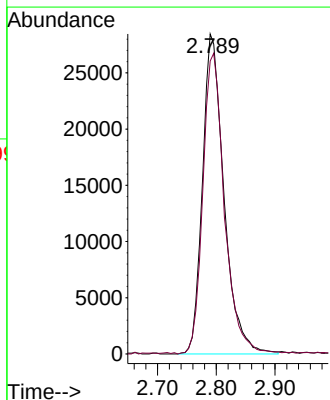
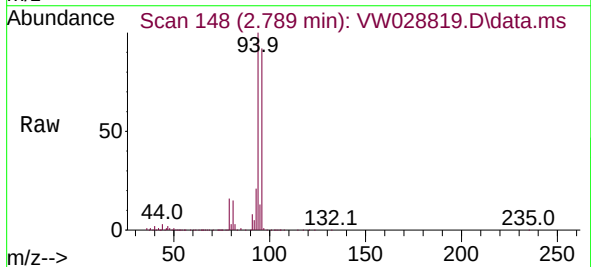
Instrument :  
 MSVOA\_W  
 ClientSampleId :

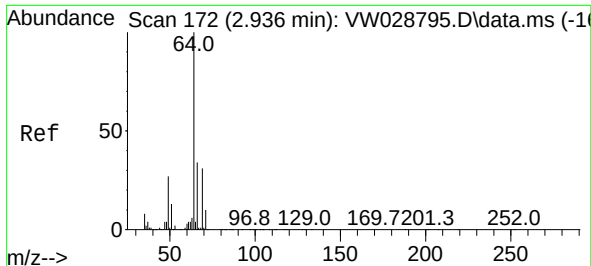
Tgt Ion: 62 Resp: 108935  
 Ion Ratio Lower Upper  
 62 100  
 64 32.9 23.3 43.3



#6  
 Bromomethane  
 Concen: 22.226 ug/L  
 RT: 2.789 min Scan# 148  
 Delta R.T. -0.000 min  
 Lab File: VW028819.D  
 Acq: 26 May 2024 04:04

Tgt Ion: 94 Resp: 72345  
 Ion Ratio Lower Upper  
 94 100  
 96 91.5 66.3 123.1

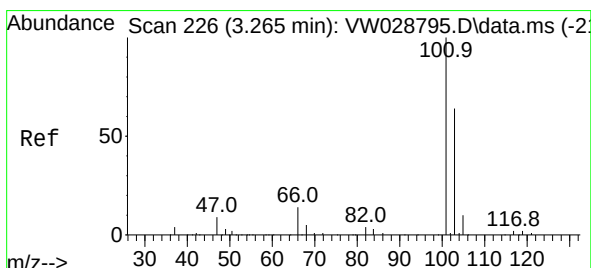
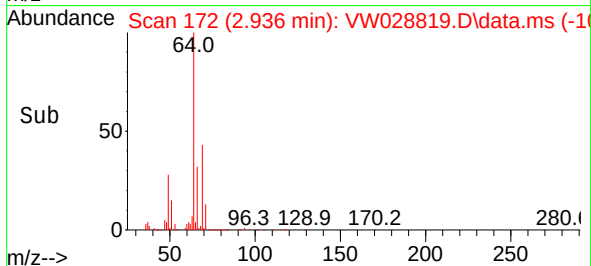
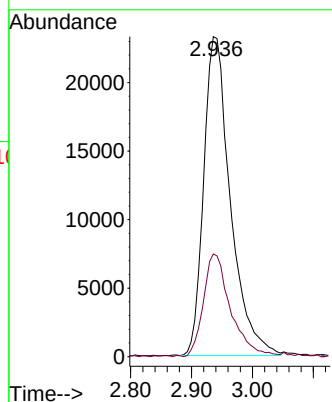
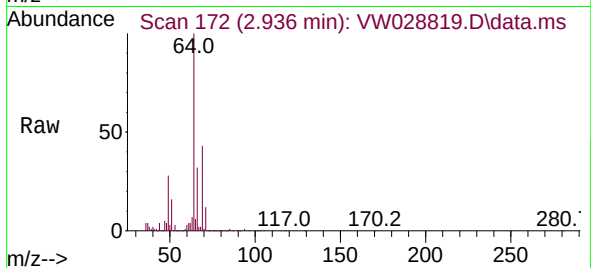




#8  
Chloroethane  
Concen: 22.095 ug/L  
RT: 2.936 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

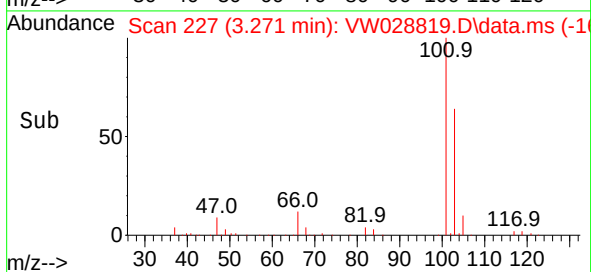
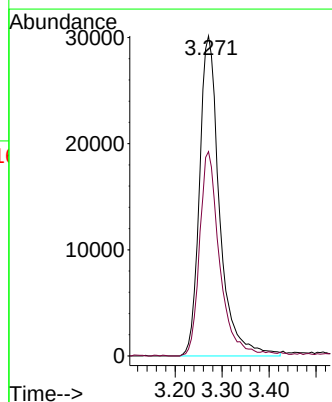
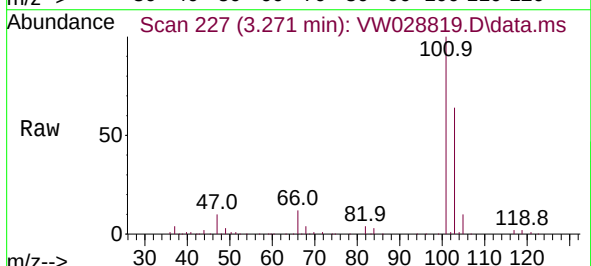
Instrument :  
MSVOA\_W  
ClientSampleId :

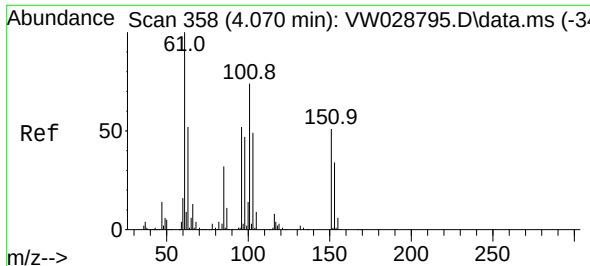
Tgt Ion: 64 Resp: 70902  
Ion Ratio Lower Upper  
64 100  
66 32.1 21.7 40.3



#9  
Trichlorofluoromethane  
Concen: 19.412 ug/L  
RT: 3.271 min Scan# 227  
Delta R.T. 0.006 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion:101 Resp: 89673  
Ion Ratio Lower Upper  
101 100  
103 62.3 50.4 75.6





#10

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

Concen: 21.125 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

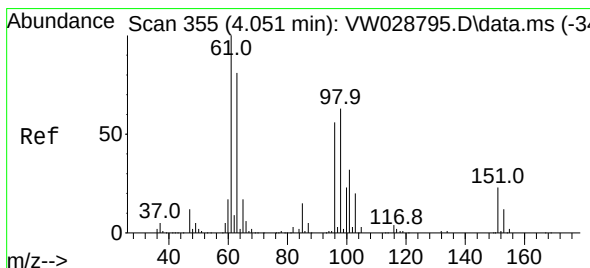
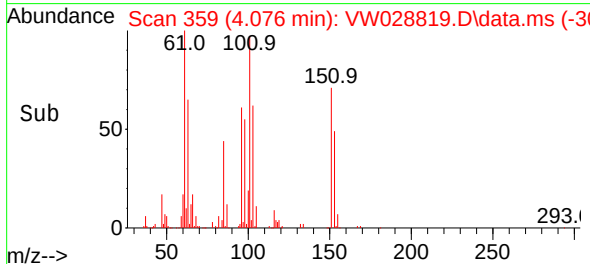
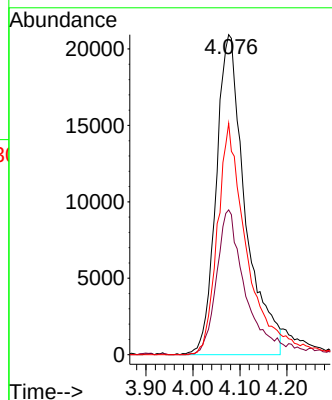
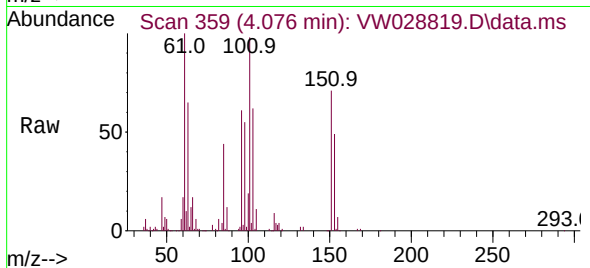
Tgt Ion:101 Resp: 89972

Ion Ratio Lower Upper

101 100

85 43.2 35.8 53.8

151 72.7 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.886 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

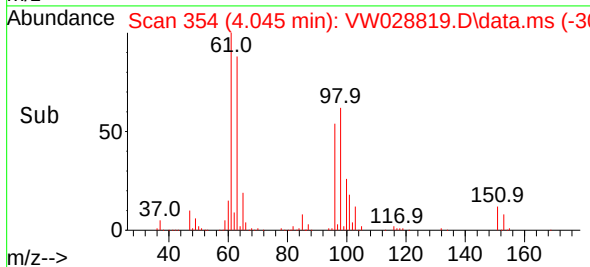
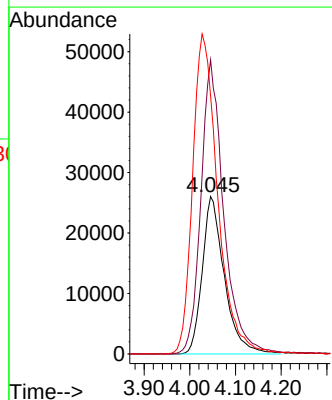
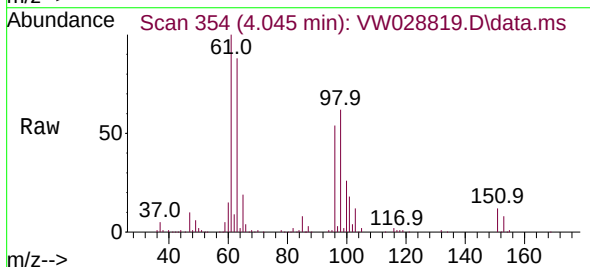
Tgt Ion: 96 Resp: 87440

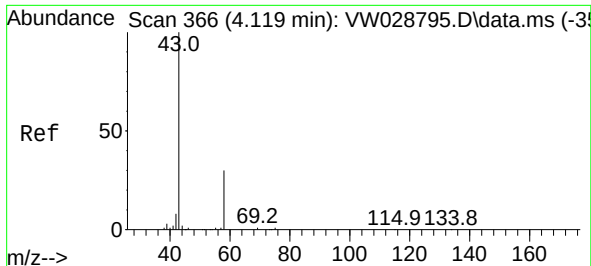
Ion Ratio Lower Upper

96 100

61 186.8 131.6 244.4

63 163.7 111.4 206.8

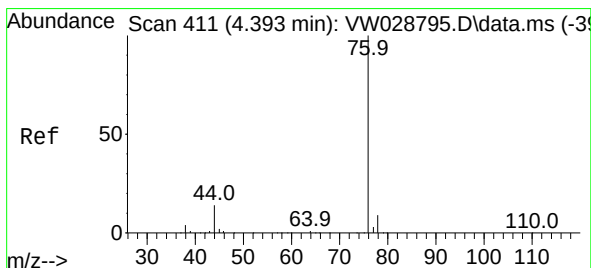
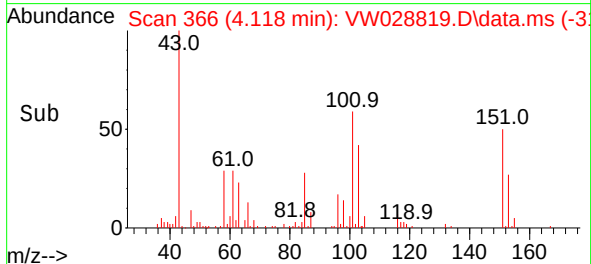
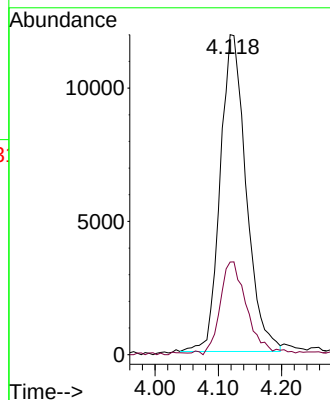
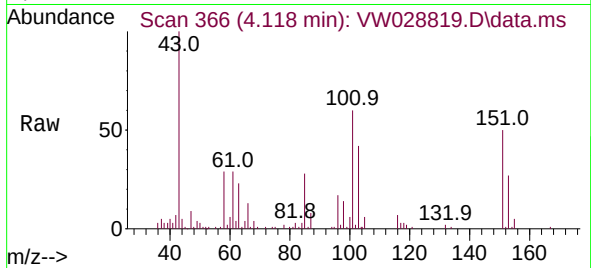




#13  
Acetone  
Concen: 27.052 ug/L  
RT: 4.118 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

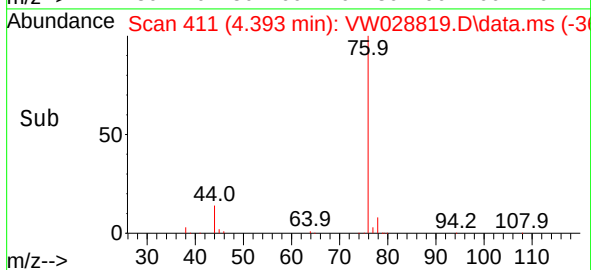
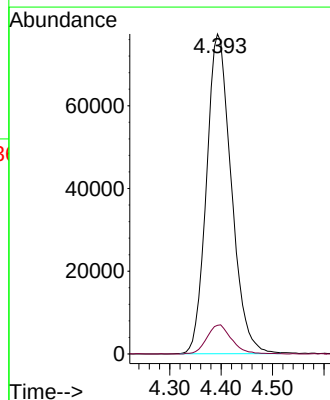
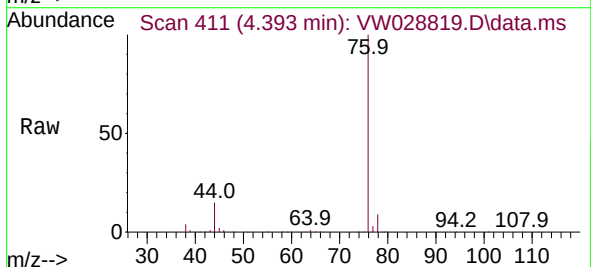
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 33847  
Ion Ratio Lower Upper  
43 100  
58 29.6 0.0 54.4

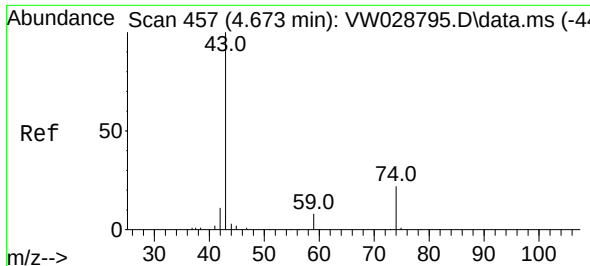


#14  
Carbon disulfide  
Concen: 20.040 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion: 76 Resp: 258770  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



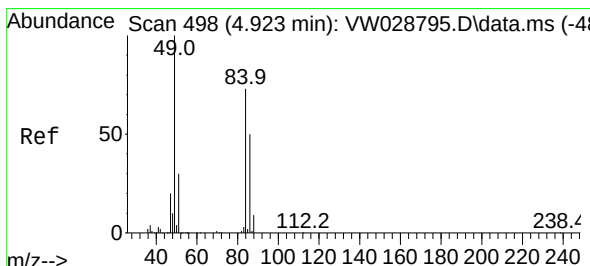
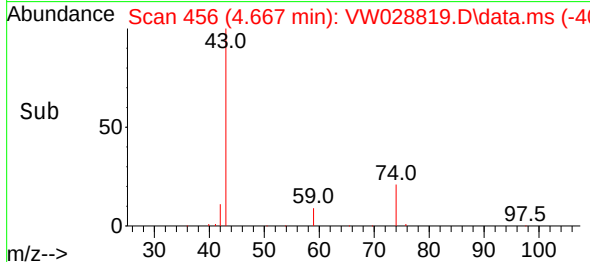
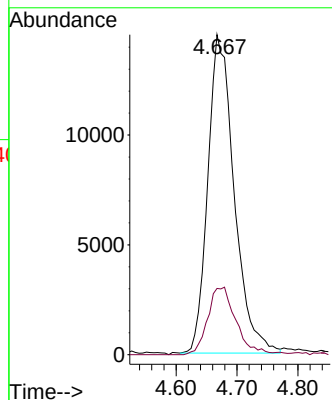
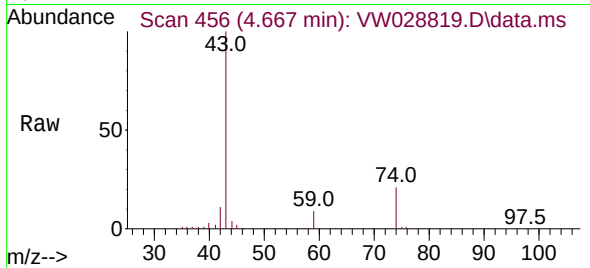




#15  
Methyl Acetate  
Concen: 20.008 ug/L  
RT: 4.667 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

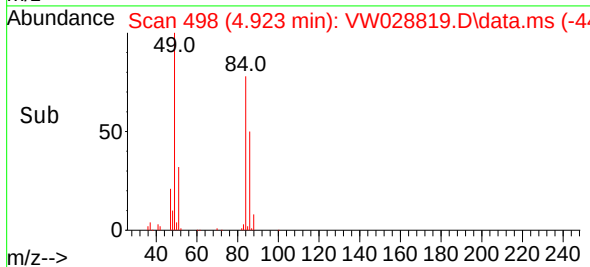
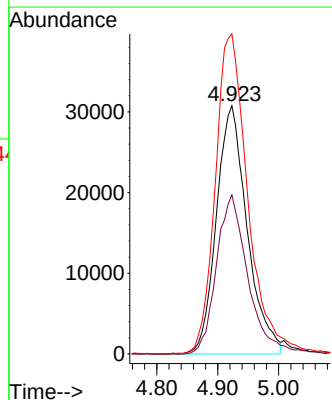
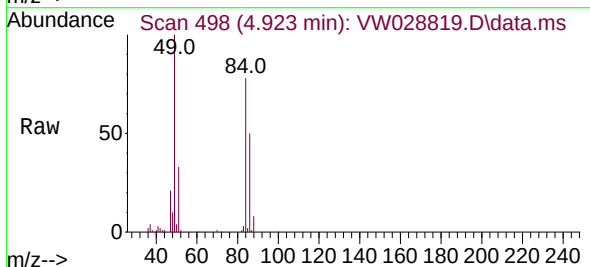
Instrument :  
MSVOA\_W  
ClientSampleId :

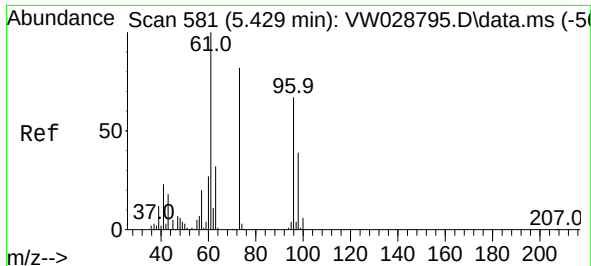
Tgt Ion: 43 Resp: 43552  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.6 26.4



#16  
Methylene chloride  
Concen: 25.167 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion: 84 Resp: 108052  
Ion Ratio Lower Upper  
84 100  
86 64.1 44.4 82.4  
49 128.9 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.954 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

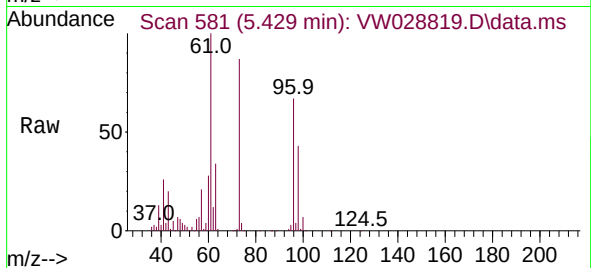
Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :



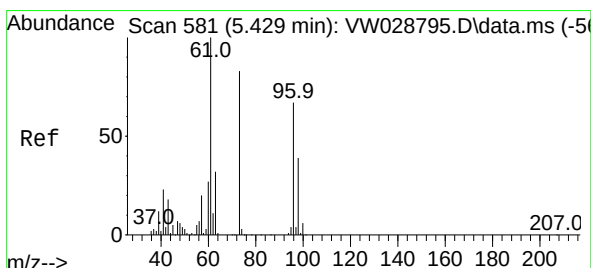
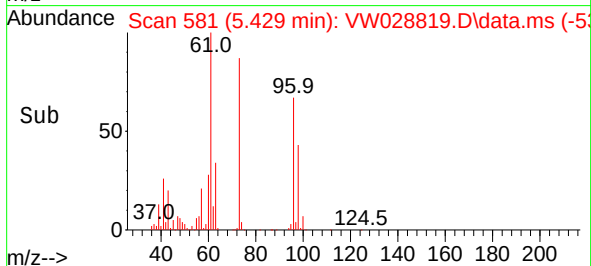
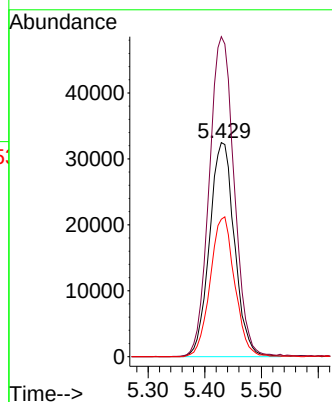
Tgt Ion: 96 Resp: 99260

Ion Ratio Lower Upper

96 100

61 149.4 109.0 202.4

98 64.2 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.207 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

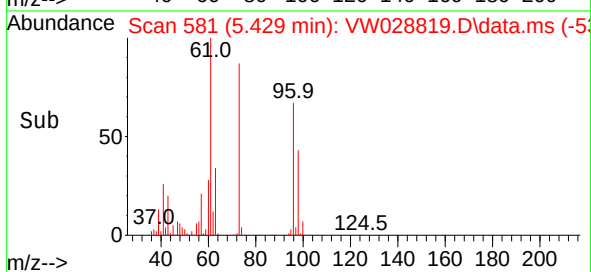
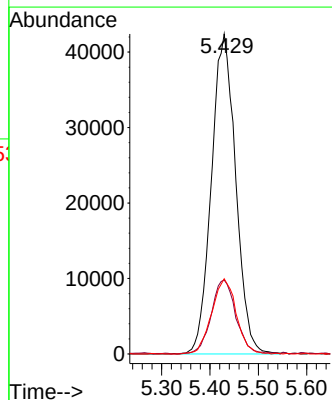
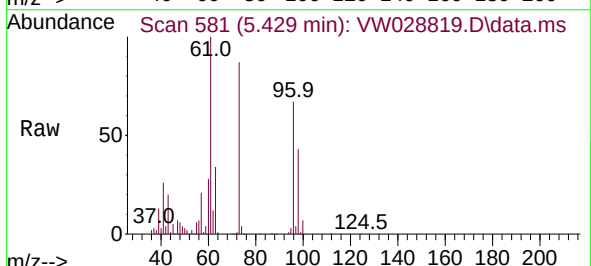
Tgt Ion: 73 Resp: 147964

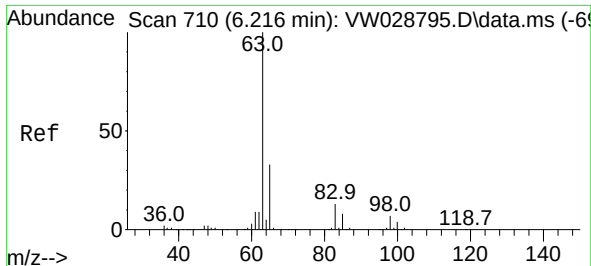
Ion Ratio Lower Upper

73 100

43 23.5 19.2 28.8

57 23.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.380 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

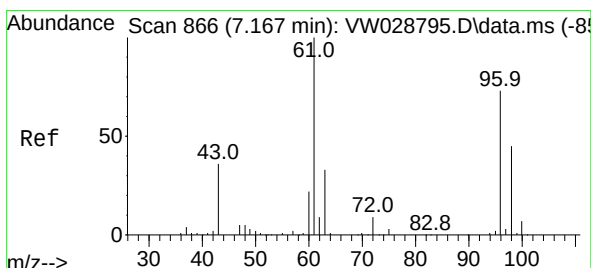
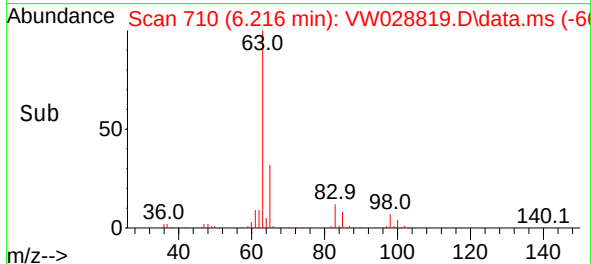
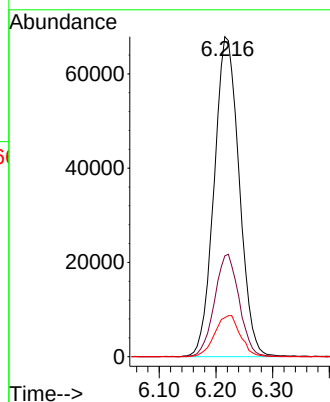
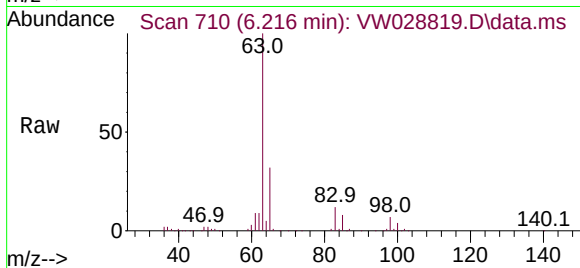
Tgt Ion: 63 Resp: 208081

Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 12.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.433 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

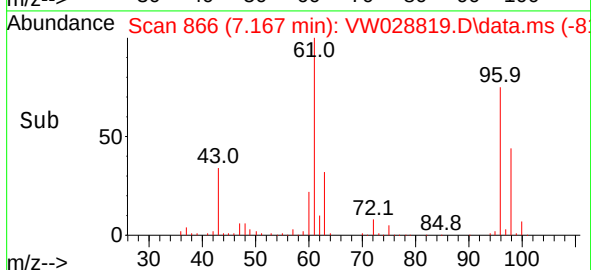
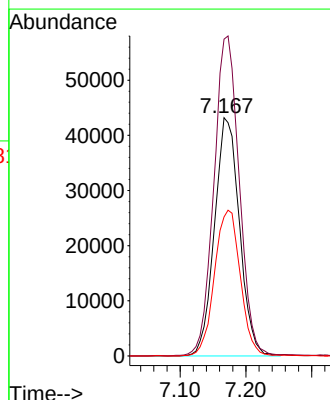
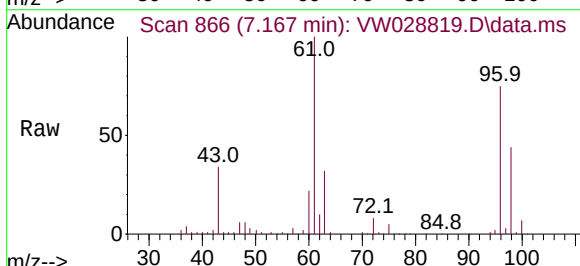
Tgt Ion: 96 Resp: 114200

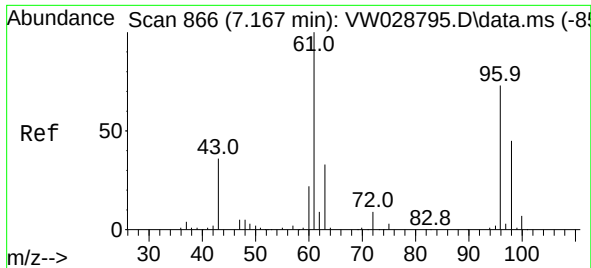
Ion Ratio Lower Upper

96 100

61 133.0 102.8 191.0

98 58.4 44.3 82.3

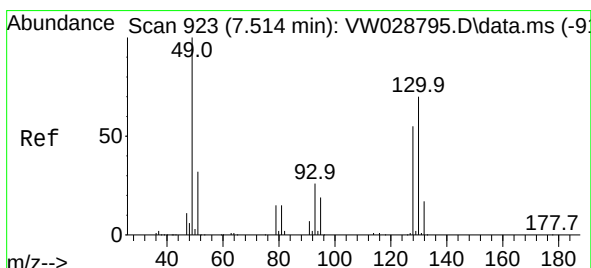
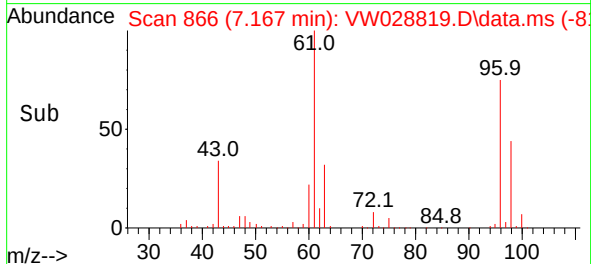
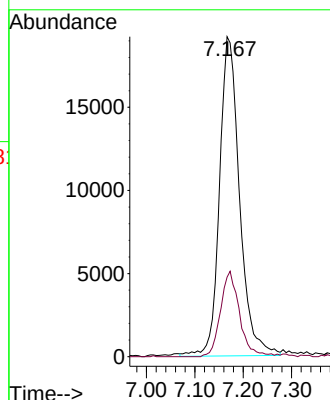
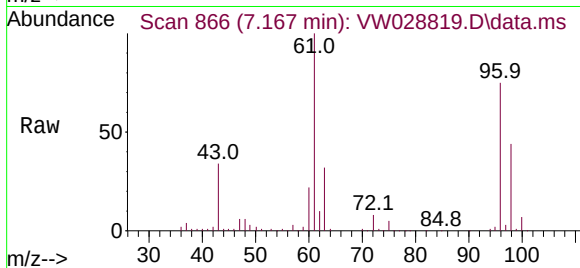




#22  
2-Butanone  
Concen: 34.457 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

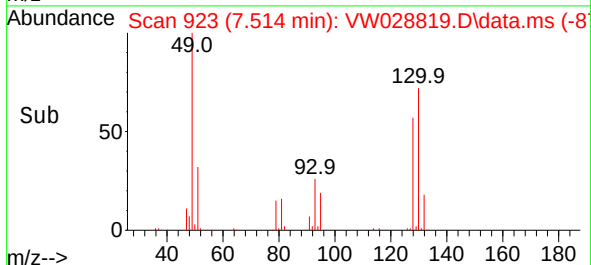
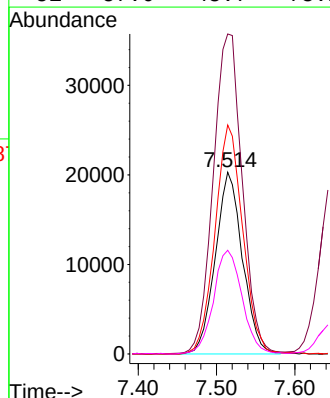
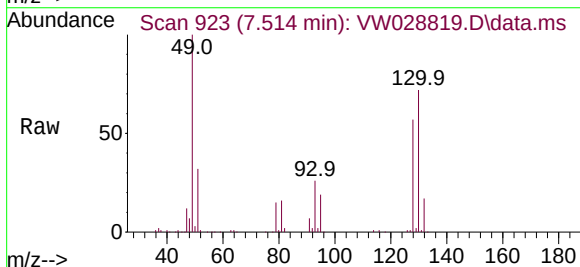
Instrument :  
MSVOA\_W  
ClientSampleId :

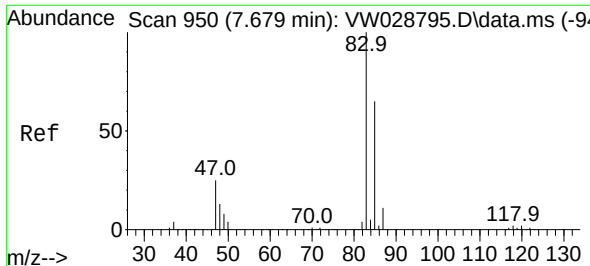
Tgt Ion: 43 Resp: 55335  
Ion Ratio Lower Upper  
43 100  
72 25.2 12.2 36.6



#23  
Bromochloromethane  
Concen: 26.920 ug/L  
RT: 7.514 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion: 128 Resp: 48884  
Ion Ratio Lower Upper  
128 100  
49 176.1 139.6 259.2  
130 126.1 91.2 169.4  
51 57.0 48.7 73.1





#25

Chloroform

Concen: 27.629 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

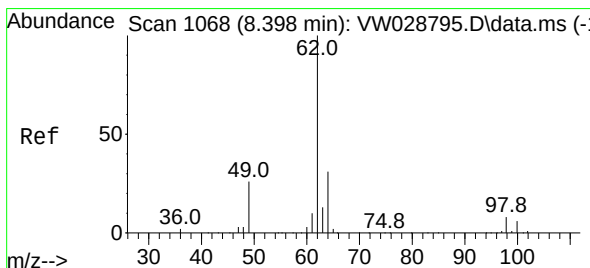
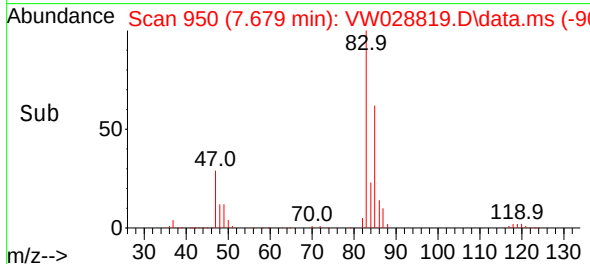
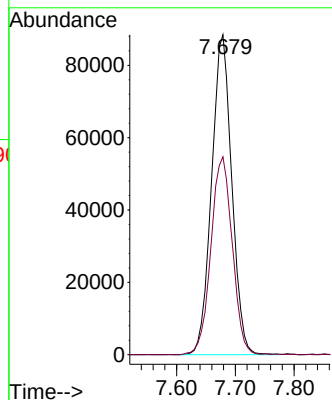
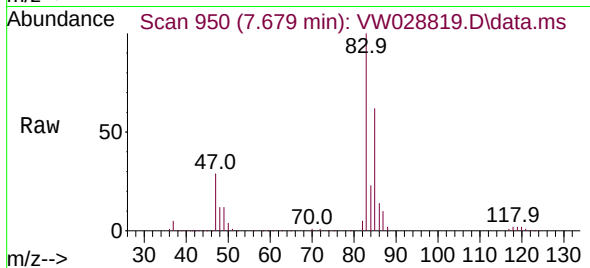
ClientSampleId :

Tgt Ion: 83 Resp: 210783

Ion Ratio Lower Upper

83 100

85 61.8 43.4 80.6



#27

1,2-Dichloroethane

Concen: 25.256 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028819.D

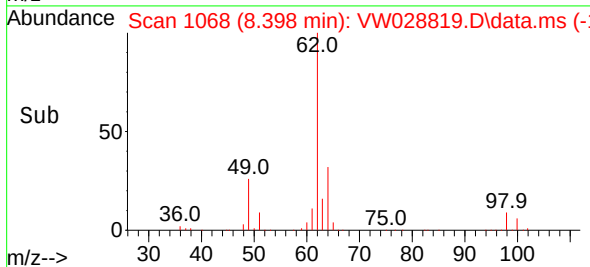
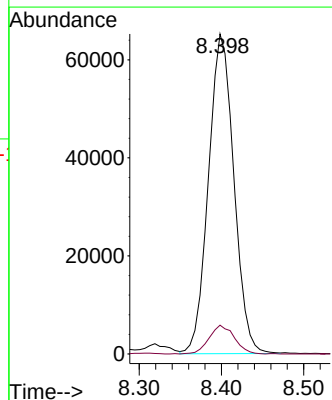
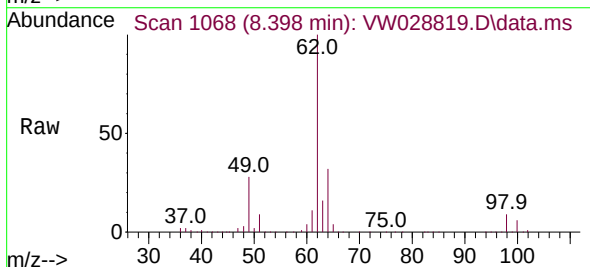
Acq: 26 May 2024 04:04

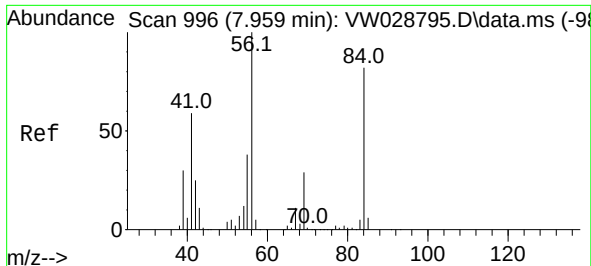
Tgt Ion: 62 Resp: 140064

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

Cyclohexane

Concen: 19.361 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

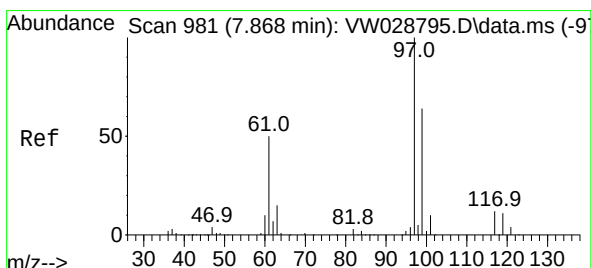
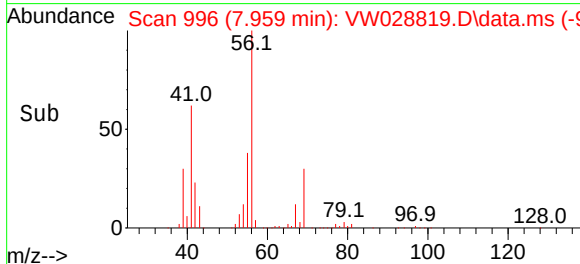
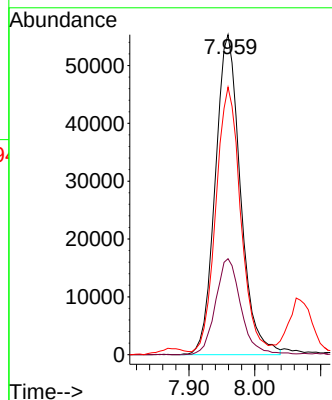
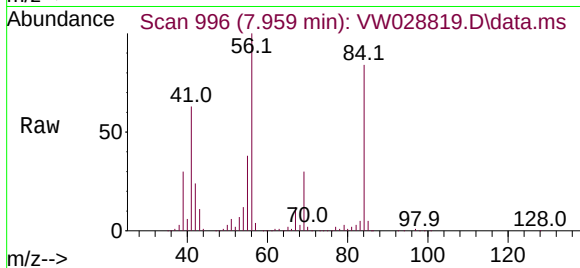
Tgt Ion: 56 Resp: 147809

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 82.2 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 22.954 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

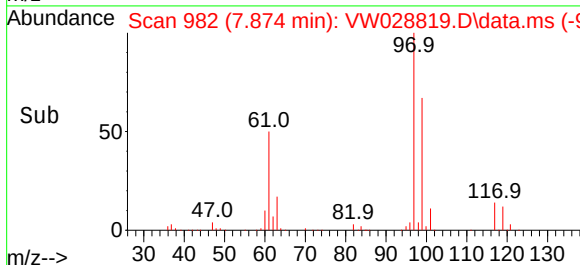
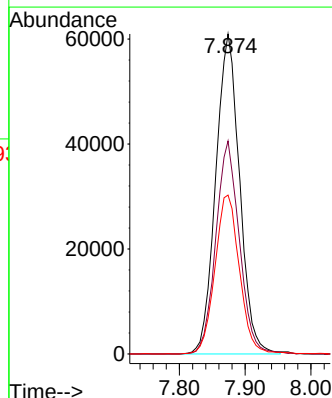
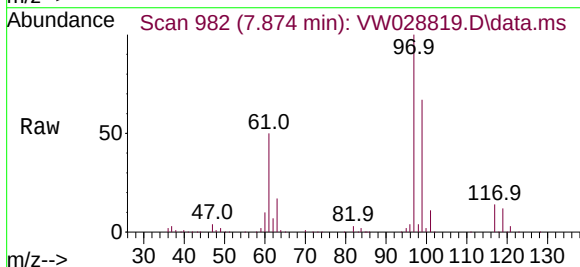
Tgt Ion: 97 Resp: 154019

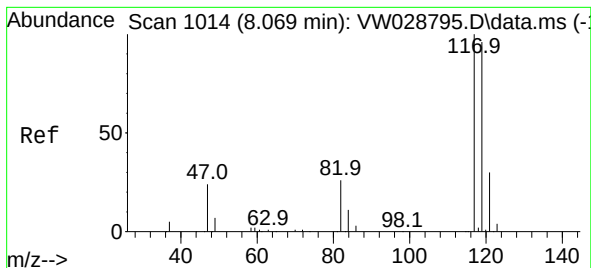
Ion Ratio Lower Upper

97 100

99 65.6 50.9 76.3

61 51.1 41.0 61.6





#31

Carbon tetrachloride

Concen: 22.373 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

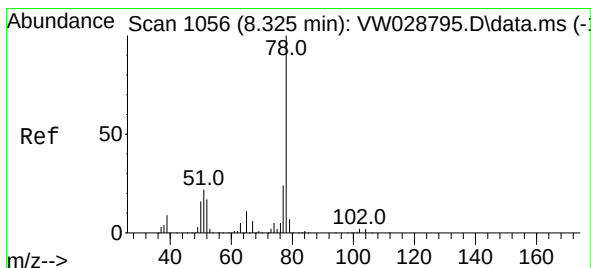
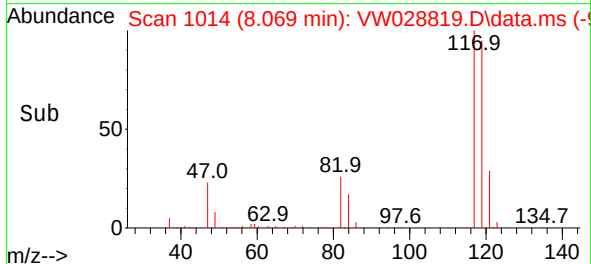
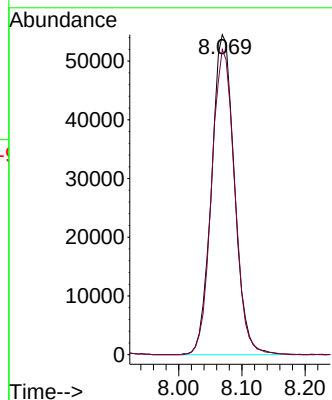
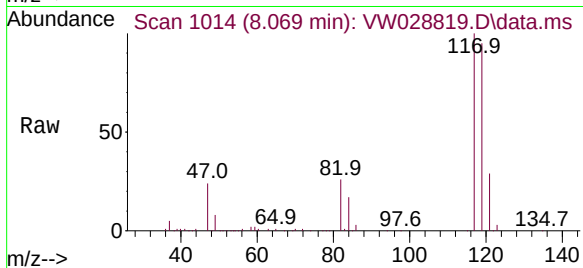
ClientSampleId :

Tgt Ion:117 Resp: 136873

Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8



#33

Benzene

Concen: 25.703 ug/L

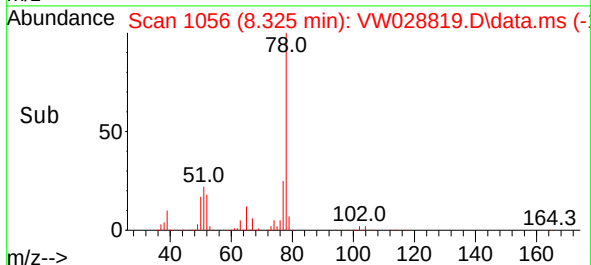
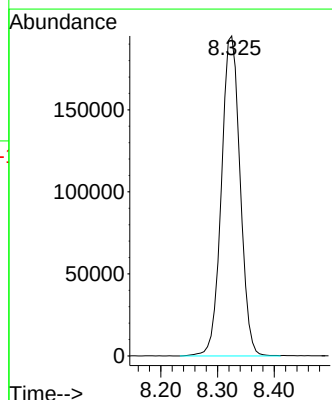
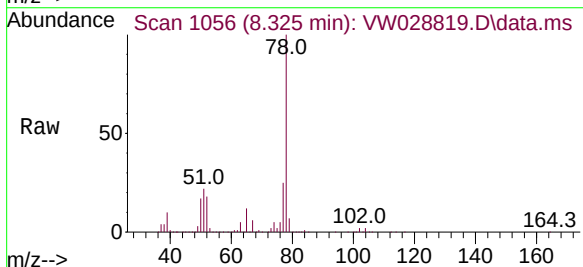
RT: 8.325 min Scan# 1056

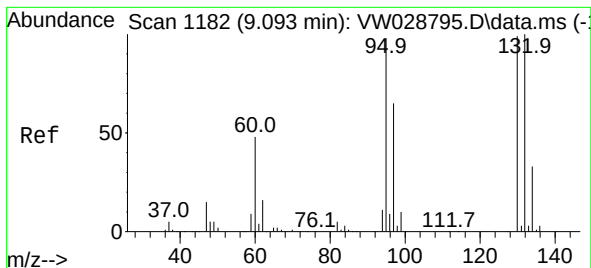
Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Tgt Ion: 78 Resp: 446287





#34

Trichloroethene

Concen: 24.746 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

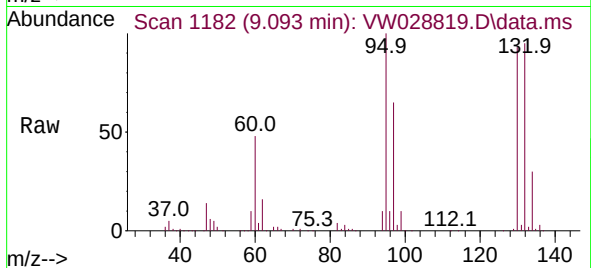
Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 115199

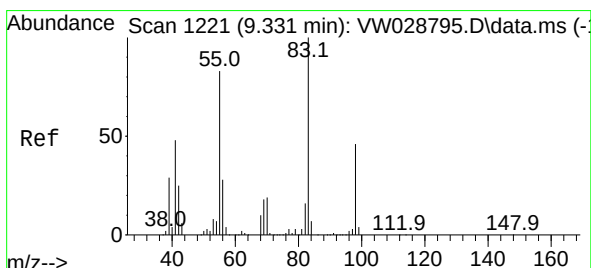
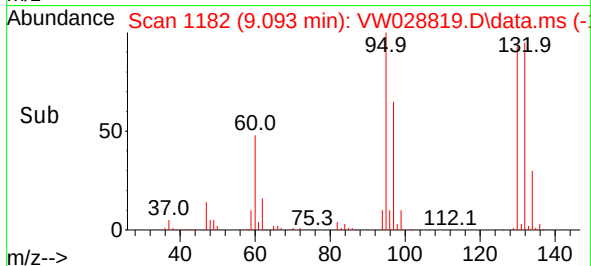
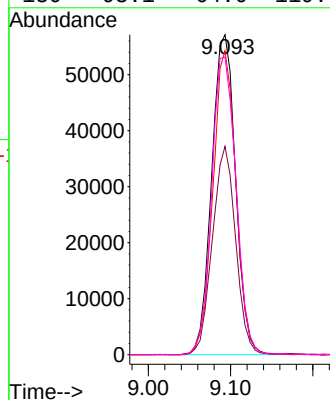
Ion Ratio Lower Upper

95 100

97 65.1 44.9 83.3

132 94.9 59.7 110.9

130 93.1 64.0 119.0



#35

Methylcyclohexane

Concen: 20.326 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

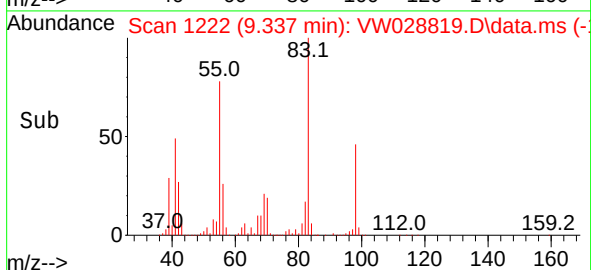
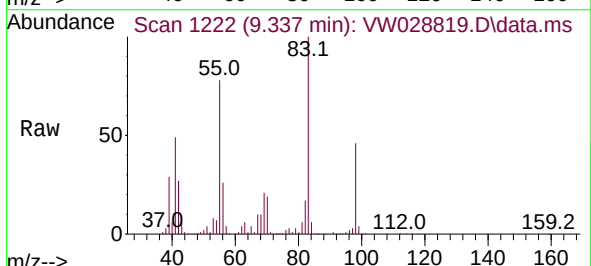
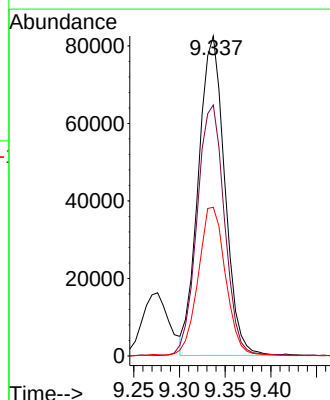
Tgt Ion: 83 Resp: 165362

Ion Ratio Lower Upper

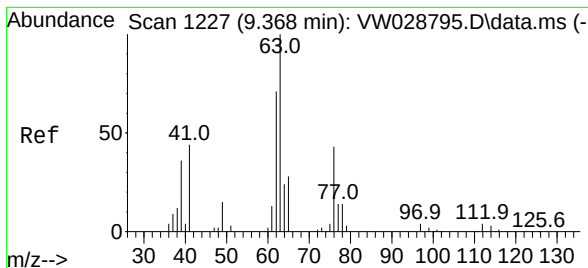
83 100

55 81.5 66.9 100.3

98 48.7 37.9 56.9







#37

1,2-Dichloropropane

Concen: 26.384 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

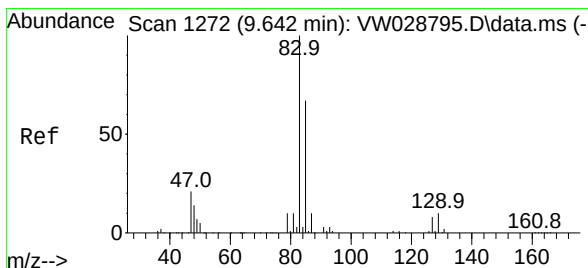
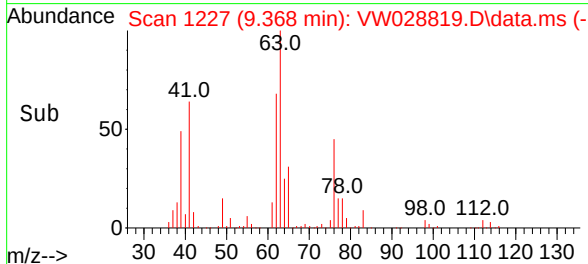
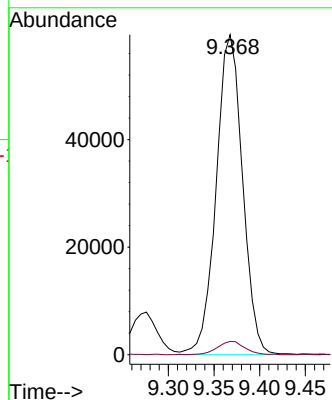
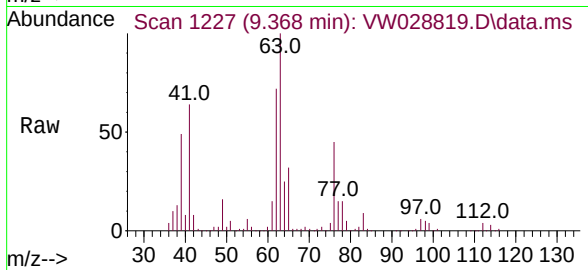
ClientSampleId :

Tgt Ion: 63 Resp: 119372

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 26.907 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

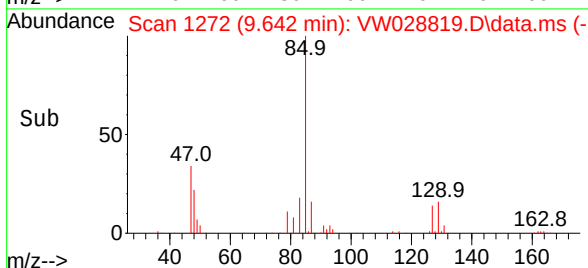
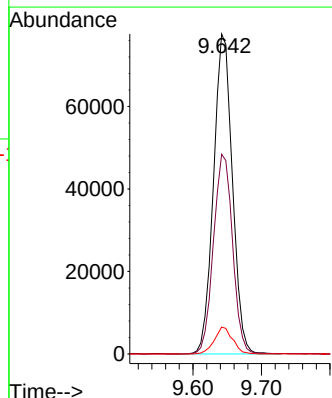
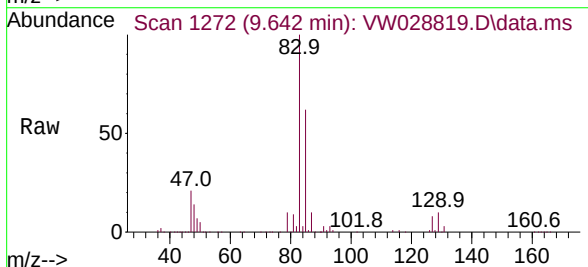
Tgt Ion: 83 Resp: 148397

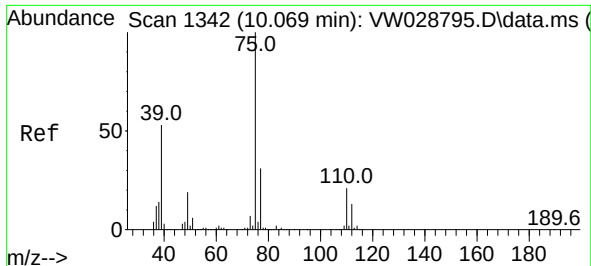
Ion Ratio Lower Upper

83 100

85 62.4 43.0 80.0

127 8.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.372 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

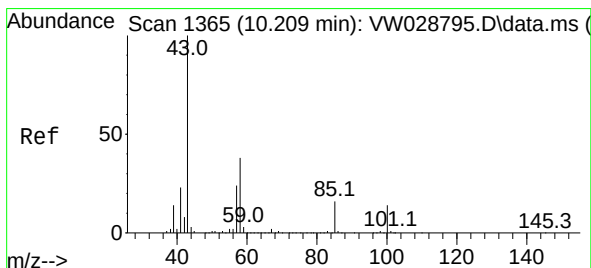
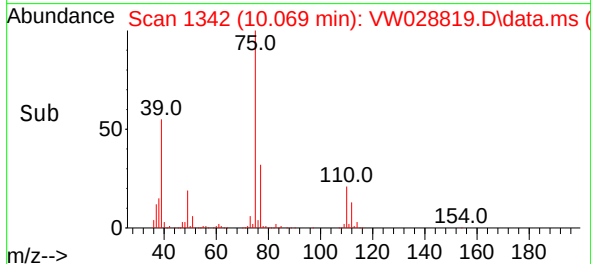
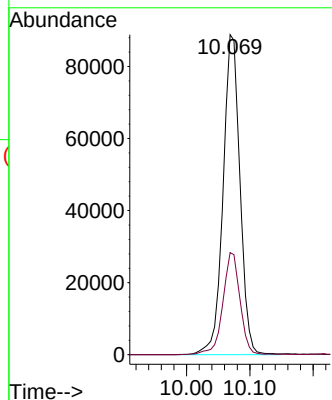
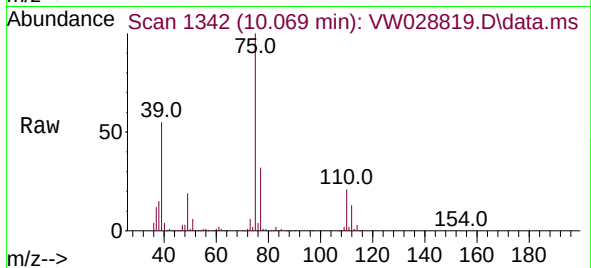
ClientSampleId :

Tgt Ion: 75 Resp: 164533

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 40.637 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

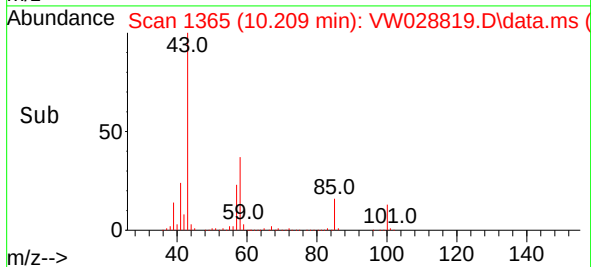
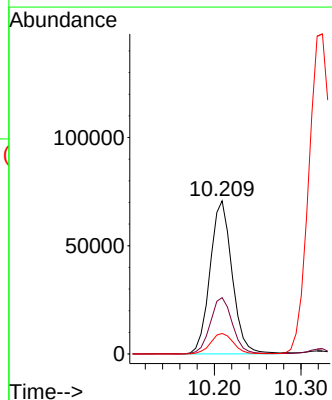
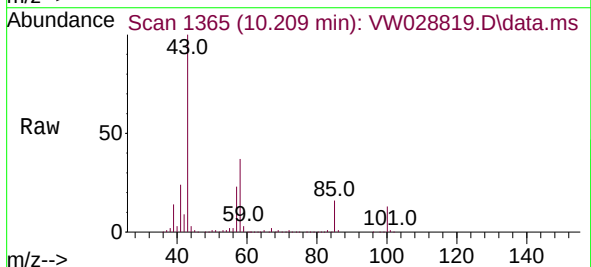
Tgt Ion: 43 Resp: 125132

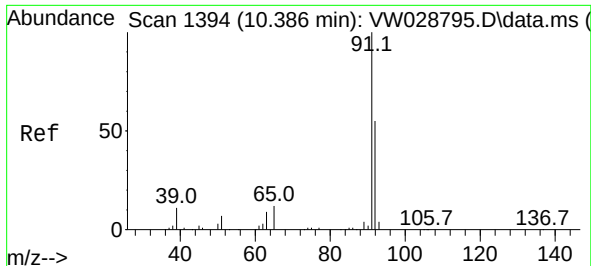
Ion Ratio Lower Upper

43 100

58 37.3 29.2 43.8

100 13.9 11.0 16.4





#42

Toluene

Concen: 25.740 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

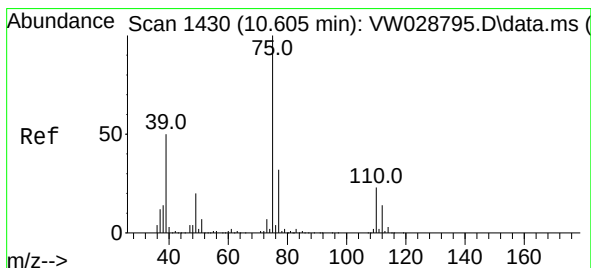
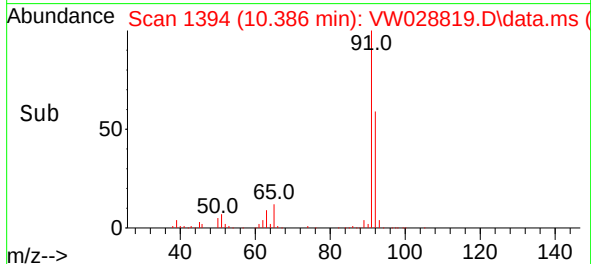
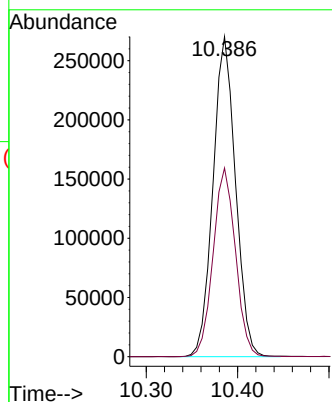
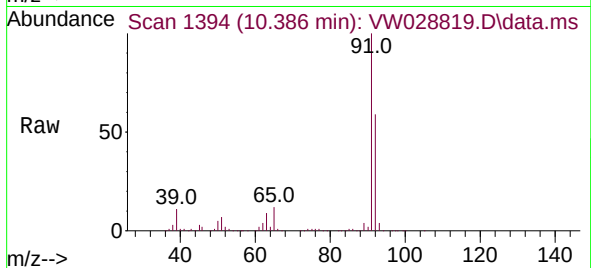
ClientSampleId :

Tgt Ion: 91 Resp: 461599

Ion Ratio Lower Upper

91 100

92 58.9 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 24.257 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028819.D

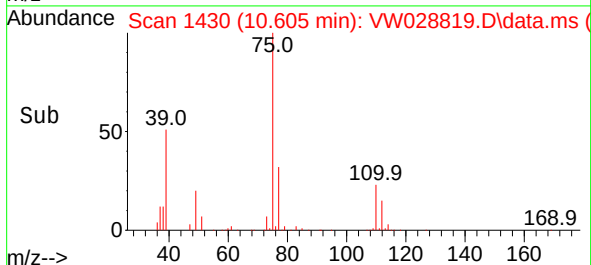
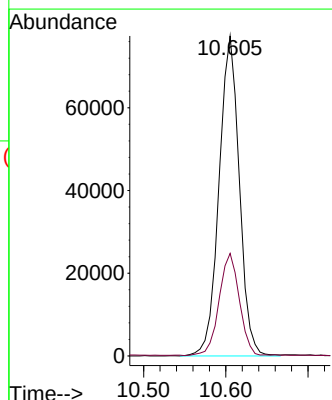
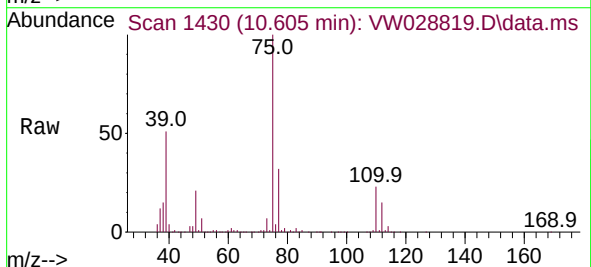
Acq: 26 May 2024 04:04

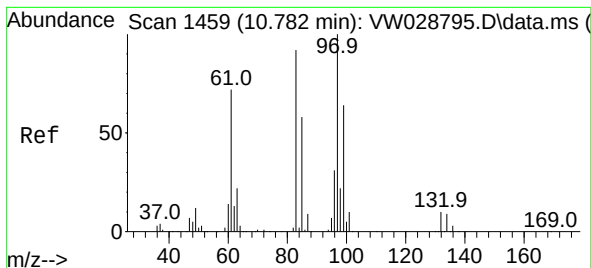
Tgt Ion: 75 Resp: 132630

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.638 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

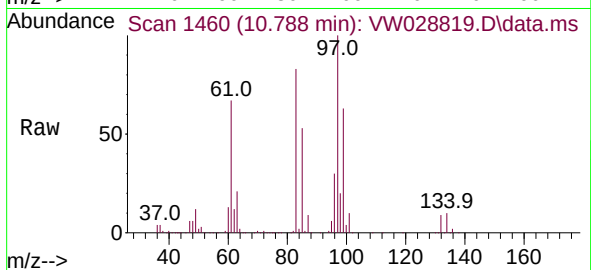
Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 97 Resp: 80752

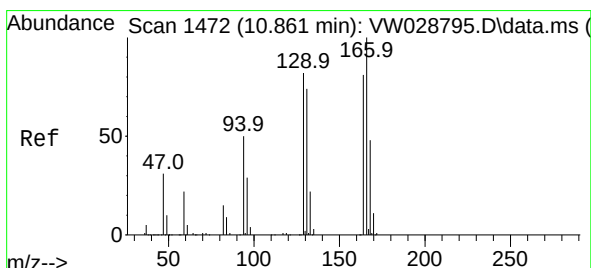
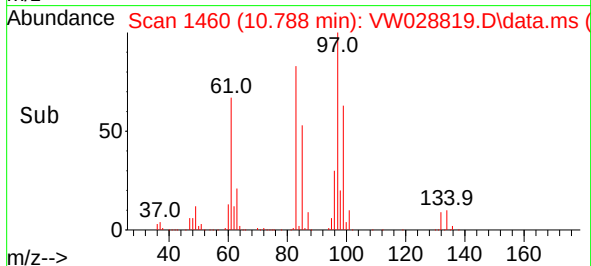
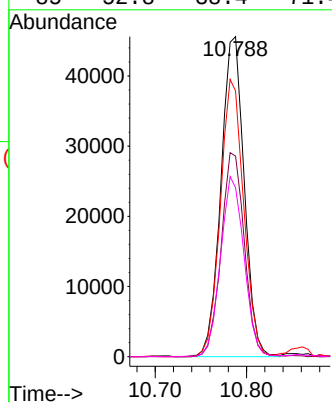
Ion Ratio Lower Upper

97 100

99 62.7 41.9 77.9

83 83.1 62.1 115.3

85 52.8 38.4 71.4



#46

Tetrachloroethene

Concen: 23.497 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Tgt Ion:164 Resp: 78809

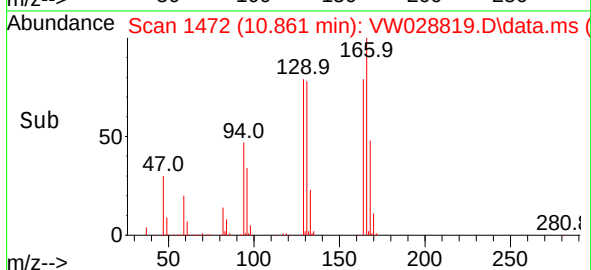
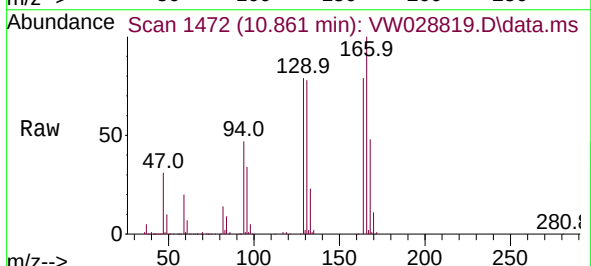
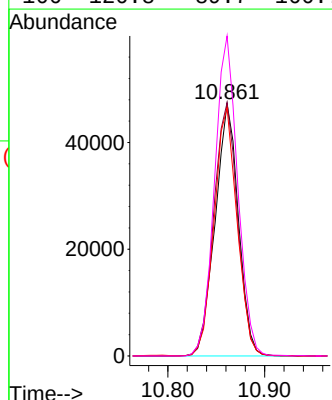
Ion Ratio Lower Upper

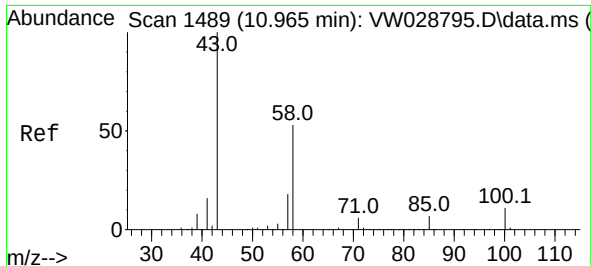
164 100

129 100.4 69.2 128.6

131 98.4 67.7 125.7

166 126.8 89.7 166.7

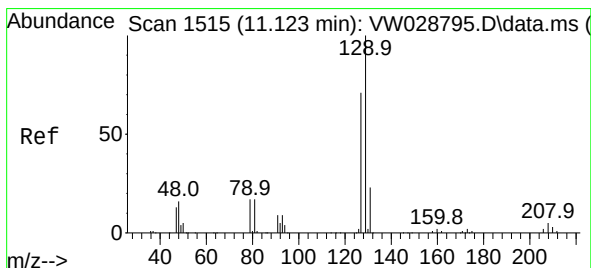
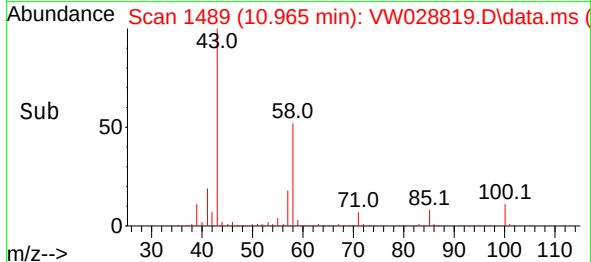
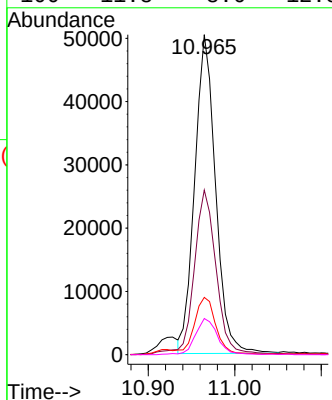
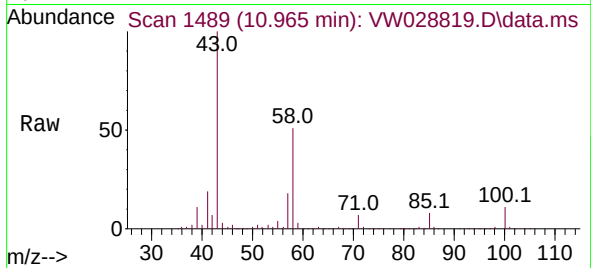




#48  
2-Hexanone  
Concen: 38.840 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

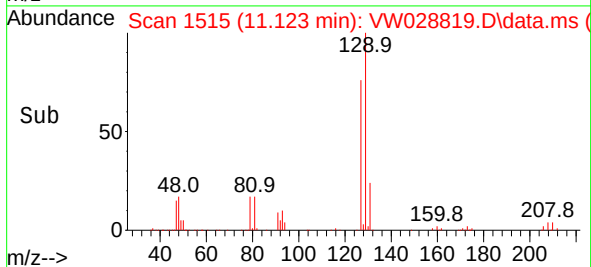
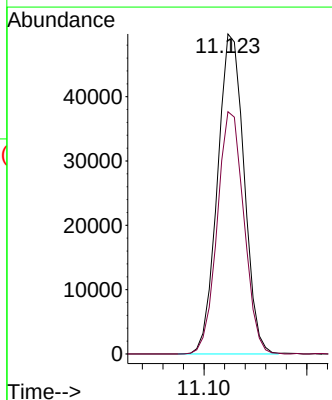
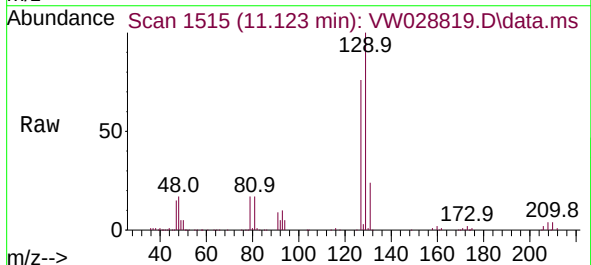
Instrument :  
MSVOA\_W  
ClientSampleId :

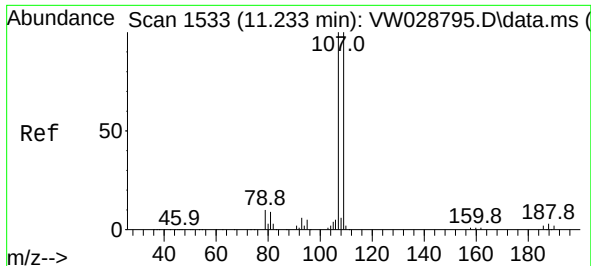
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 84436 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 54.5  | 41.0  | 61.4  |
| 57       | 18.5  | 14.8  | 22.2  |
| 100      | 11.8  | 8.6   | 12.8  |



#49  
Dibromochloromethane  
Concen: 27.198 ug/L  
RT: 11.123 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 89410 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 75.7  | 54.3  | 100.8 |





#50

1,2-Dibromoethane

Concen: 23.804 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028819.D

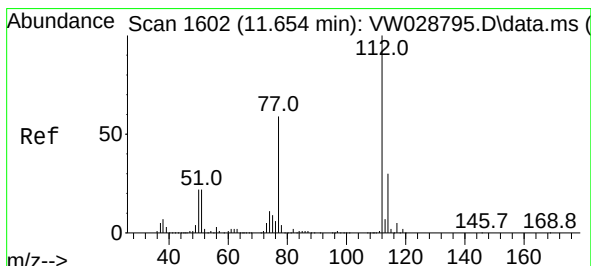
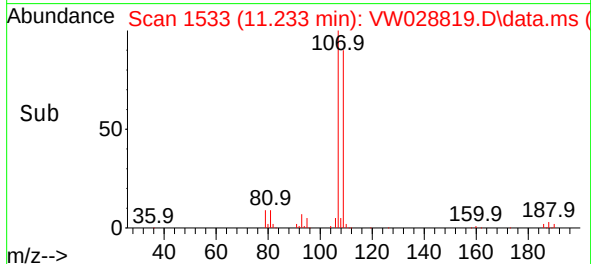
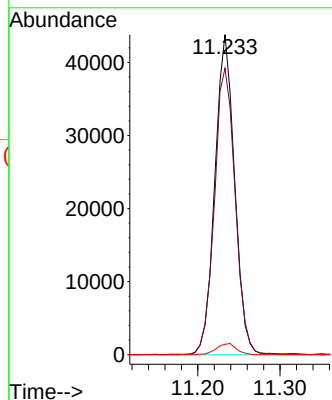
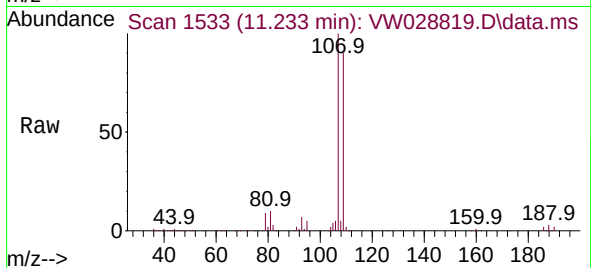
Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 73081      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 109         | 89.5  | 64.2 119.2 |
| 188         | 3.2   | 3.1 4.7    |



#51

Chlorobenzene

Concen: 27.135 ug/L

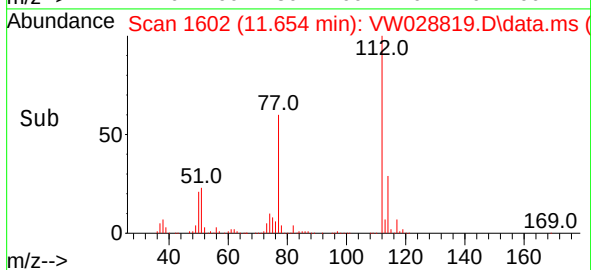
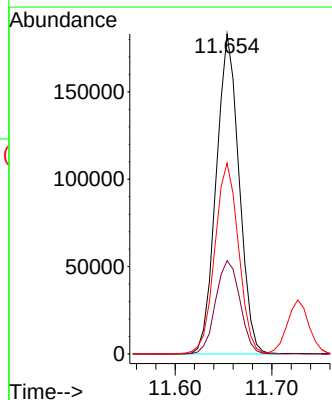
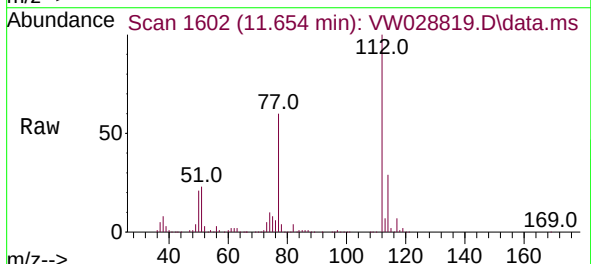
RT: 11.654 min Scan# 1602

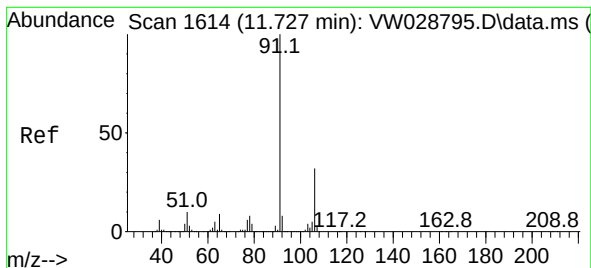
Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:112 | Resp: | 301014    |
| Ion Ratio   | Lower | Upper     |
| 112         | 100   |           |
| 114         | 29.2  | 22.2 41.2 |
| 77          | 59.6  | 50.8 76.2 |

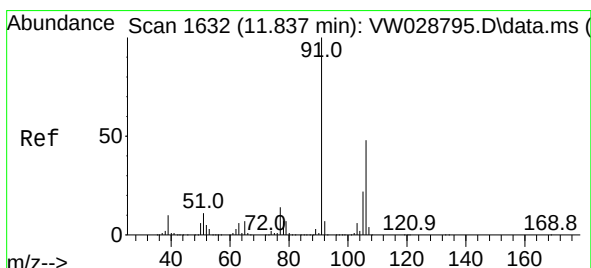
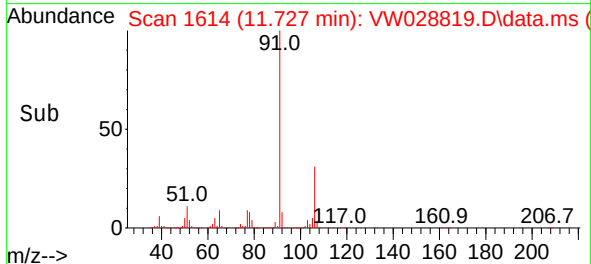
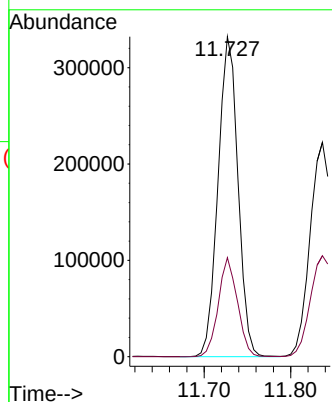
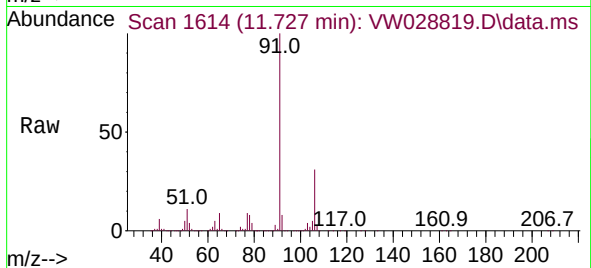




#52  
Ethylbenzene  
Concen: 26.166 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

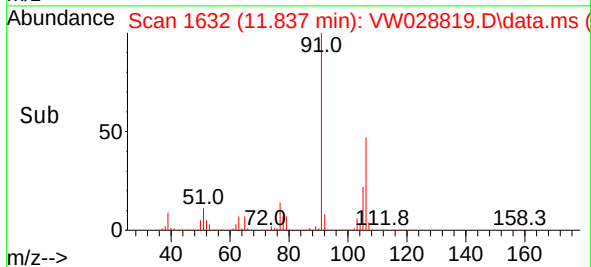
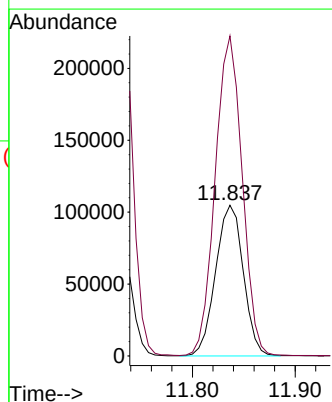
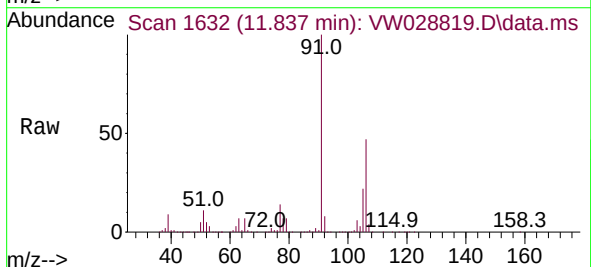
Instrument :  
MSVOA\_W  
ClientSampleId :

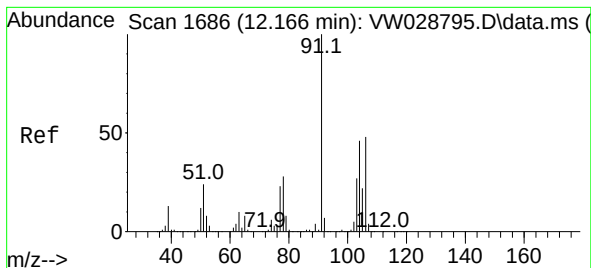
Tgt Ion: 91 Resp: 531034  
Ion Ratio Lower Upper  
91 100  
106 30.9 22.7 42.1



#53  
m,p-Xylene  
Concen: 26.370 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion:106 Resp: 196171  
Ion Ratio Lower Upper  
106 100  
91 212.4 146.6 272.2

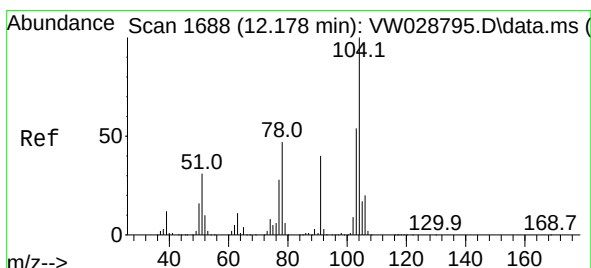
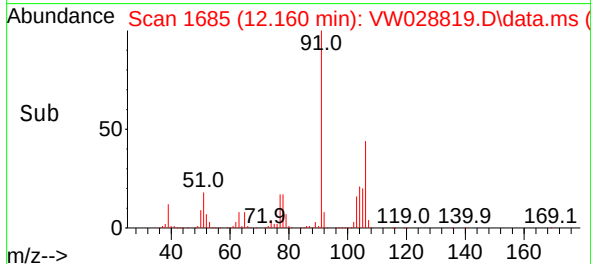
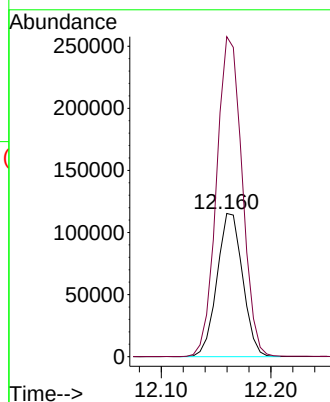
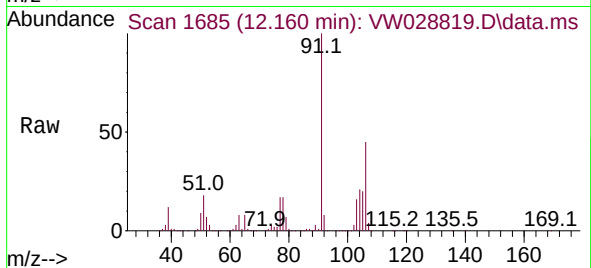




#54  
o-Xylene  
Concen: 27.262 ug/L  
RT: 12.160 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

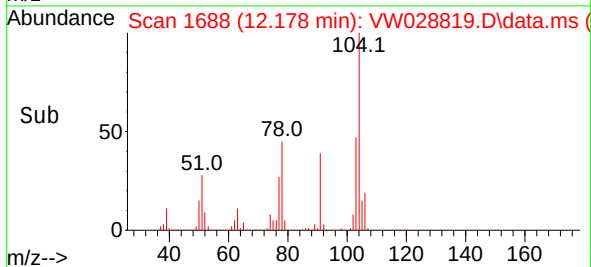
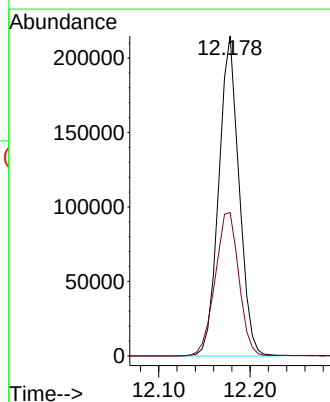
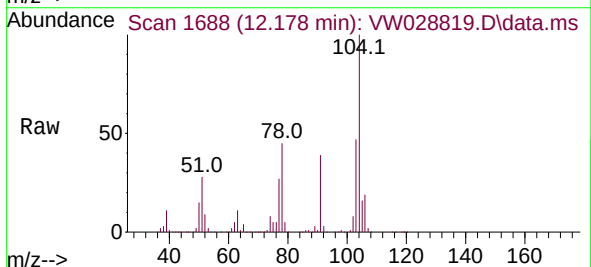
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 187622  
Ion Ratio Lower Upper  
106 100  
91 223.4 154.3 286.5

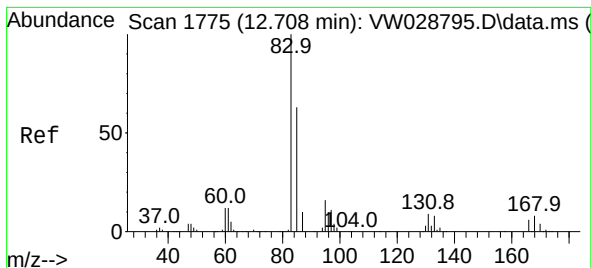


#55  
Styrene  
Concen: 28.473 ug/L  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion:104 Resp: 332041  
Ion Ratio Lower Upper  
104 100  
78 44.8 34.1 63.3



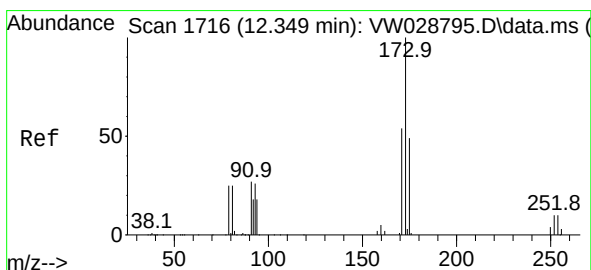
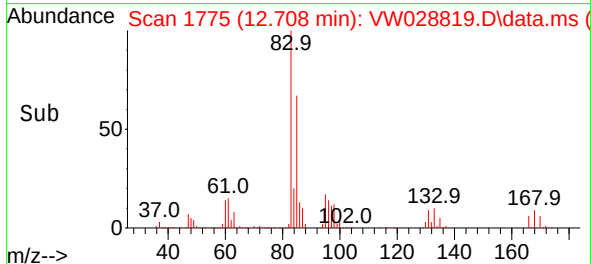
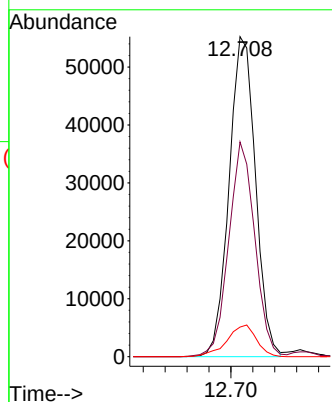
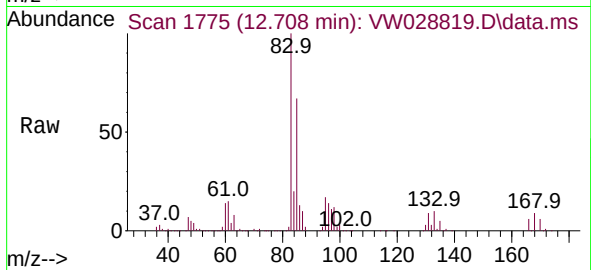




#57  
1,1,2,2-Tetrachloroethane  
Concen: 22.496 ug/L  
RT: 12.708 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

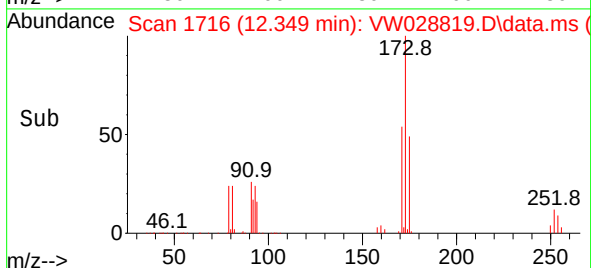
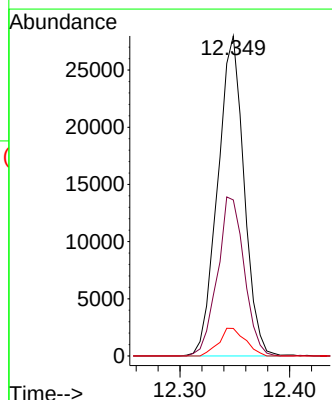
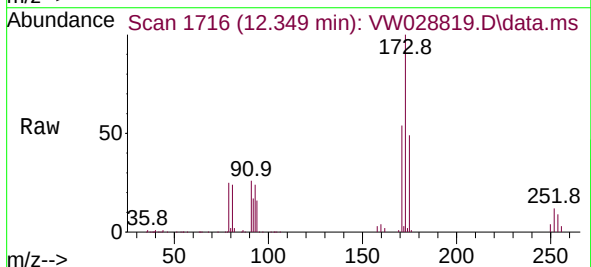
Instrument :  
MSVOA\_W  
ClientSampleId :

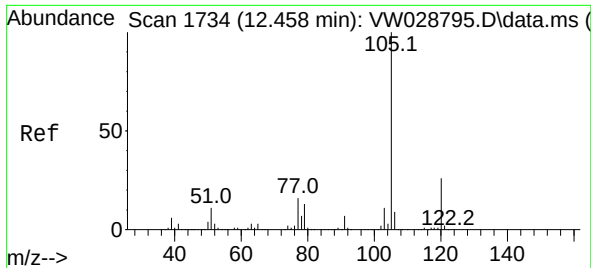
Tgt Ion: 83 Resp: 92504  
Ion Ratio Lower Upper  
83 100  
85 67.1 45.6 84.6  
131 9.2 7.3 10.9



#59  
Bromoform  
Concen: 23.935 ug/L  
RT: 12.349 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion:173 Resp: 46691  
Ion Ratio Lower Upper  
173 100  
175 50.6 39.8 59.8  
254 8.7 7.1 10.7

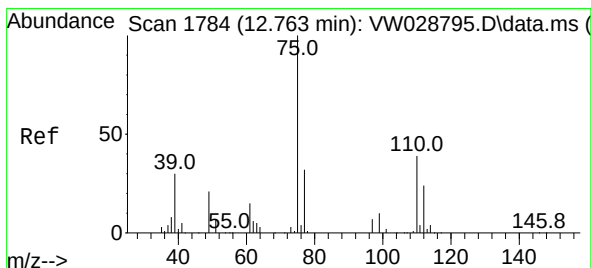
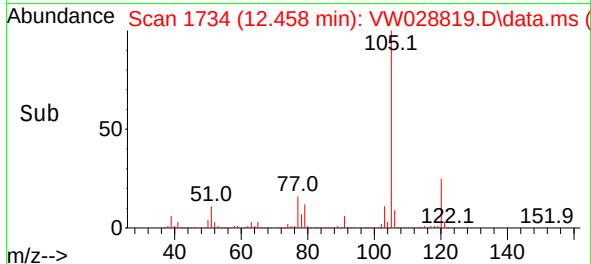
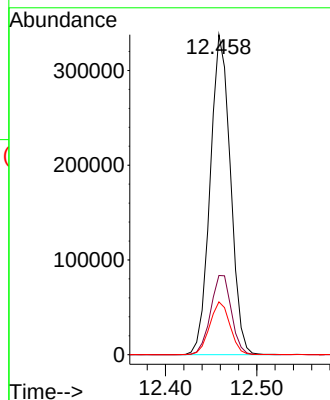
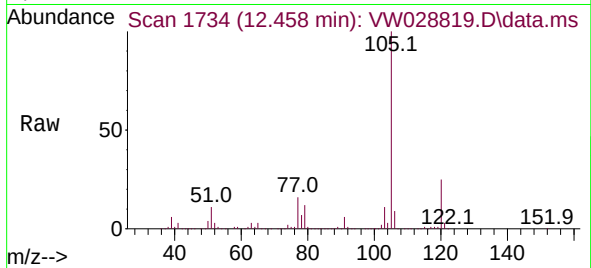




#60  
Isopropylbenzene  
Concen: 25.590 ug/L  
RT: 12.458 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

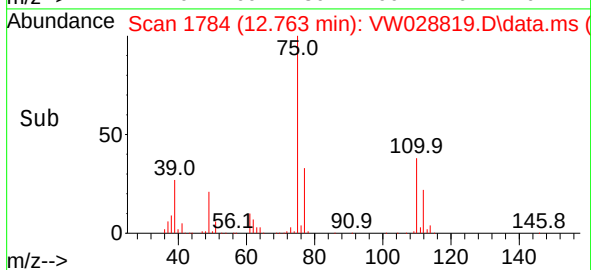
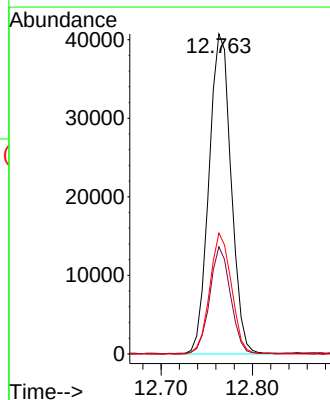
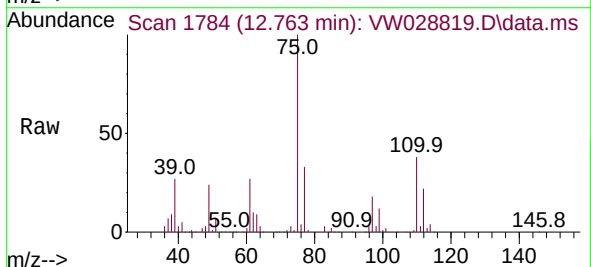
Instrument :  
MSVOA\_W  
ClientSampleId :

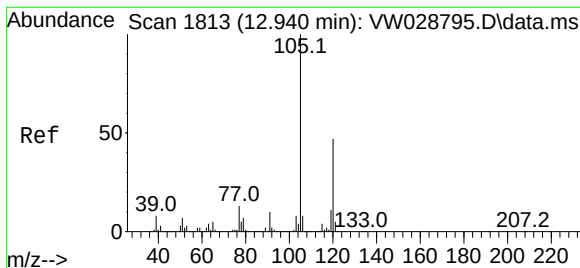
Tgt Ion:105 Resp: 519132  
Ion Ratio Lower Upper  
105 100  
120 25.4 20.5 30.7  
77 16.6 13.4 20.2



#61  
1,2,3-Trichloropropane  
Concen: 21.221 ug/L  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW028819.D  
Acq: 26 May 2024 04:04

Tgt Ion: 75 Resp: 68576  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.9 38.9  
110 36.9 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.320 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

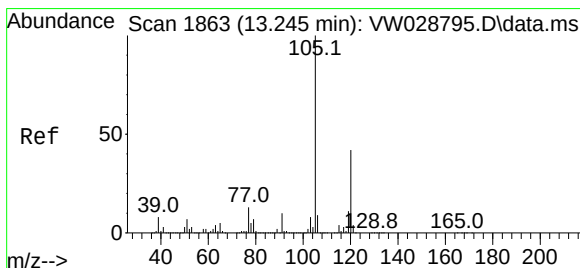
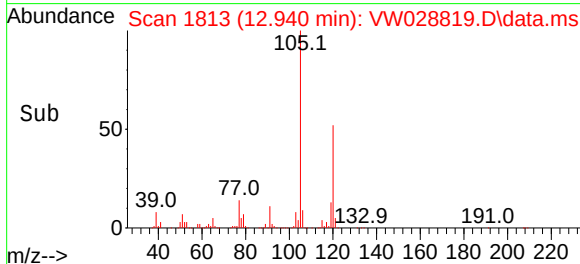
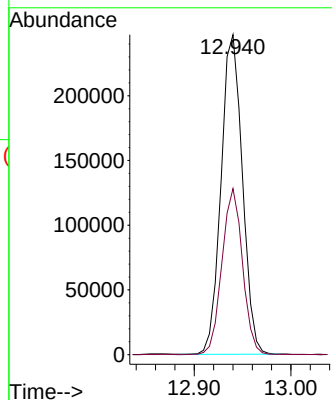
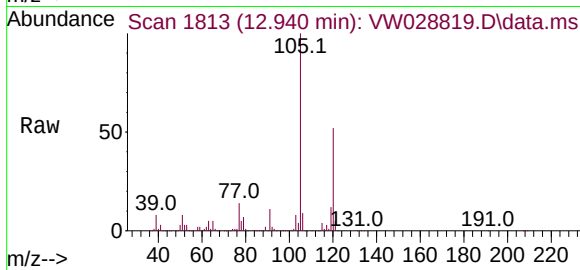
ClientSampleId :

Tgt Ion:105 Resp: 377778

Ion Ratio Lower Upper

105 100

120 50.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.291 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028819.D

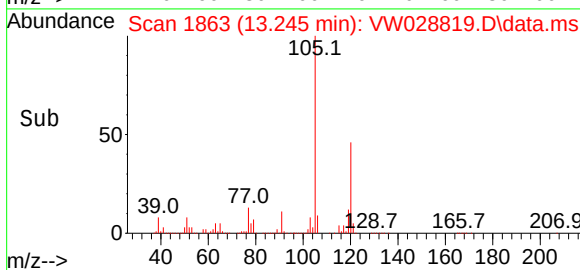
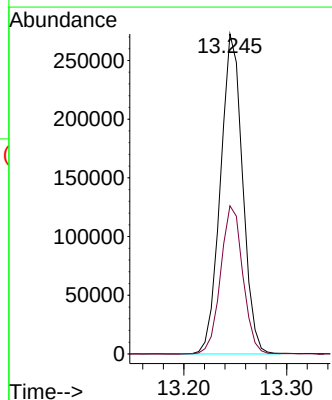
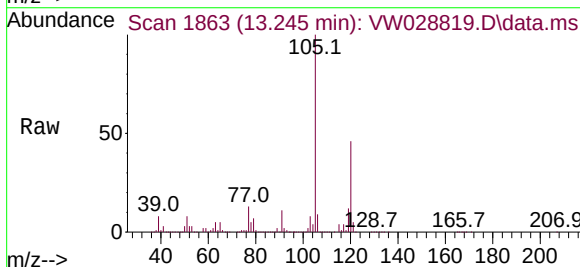
Acq: 26 May 2024 04:04

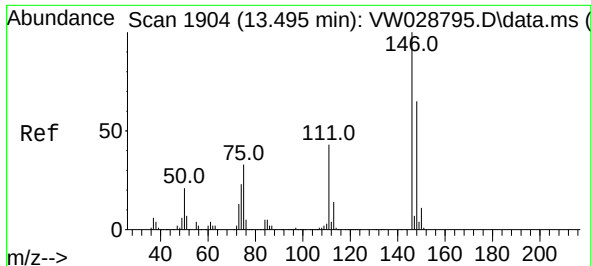
Tgt Ion:105 Resp: 406595

Ion Ratio Lower Upper

105 100

120 46.4 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 27.151 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

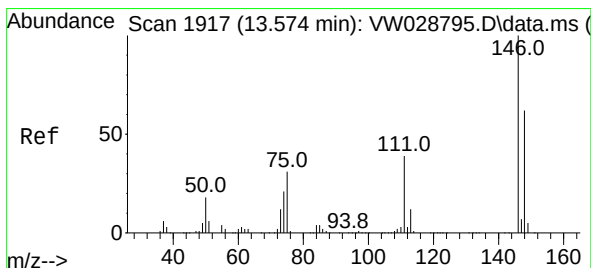
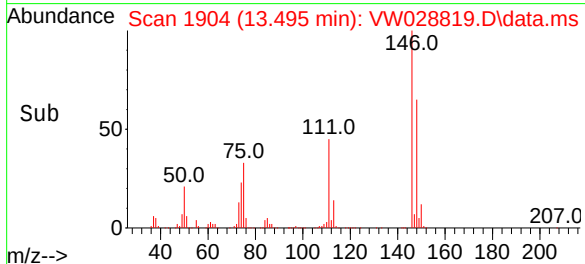
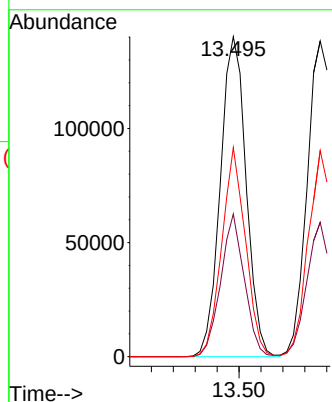
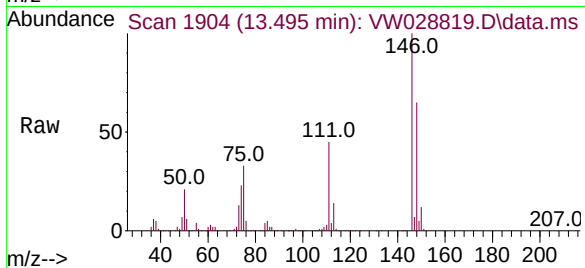
Tgt Ion:146 Resp: 229134

Ion Ratio Lower Upper

146 100

111 44.6 30.7 57.1

148 65.4 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 26.520 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

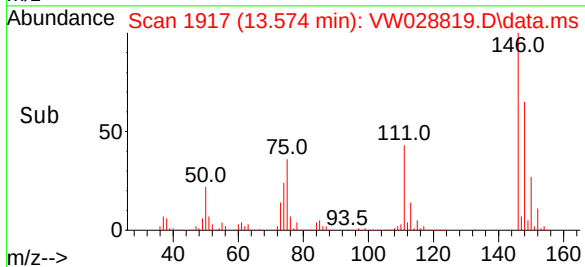
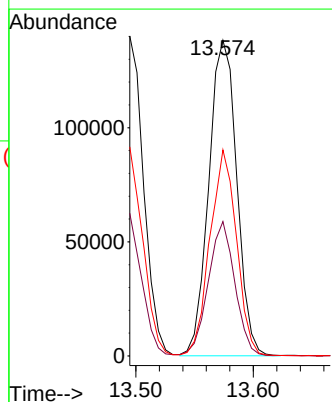
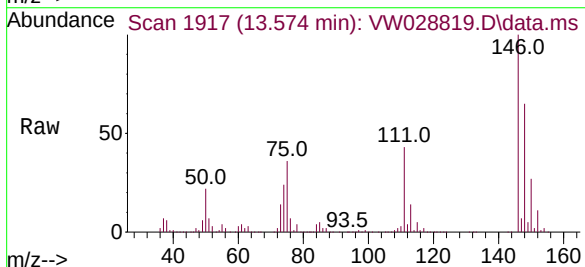
Tgt Ion:146 Resp: 228808

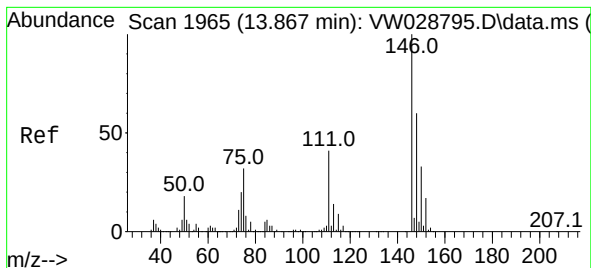
Ion Ratio Lower Upper

146 100

111 42.6 29.1 54.1

148 65.3 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 26.608 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

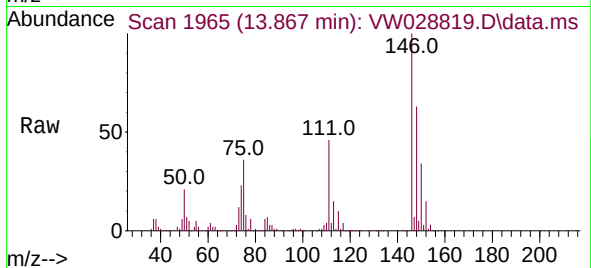
Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :



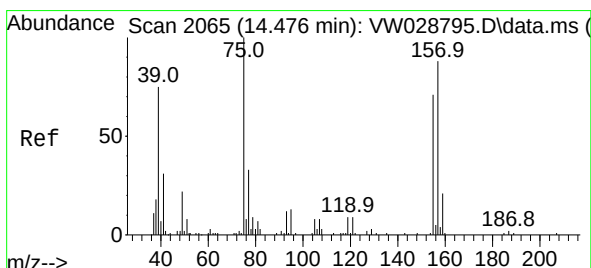
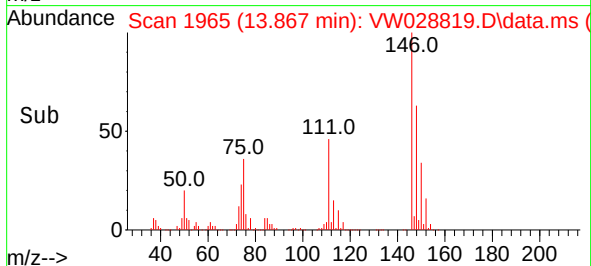
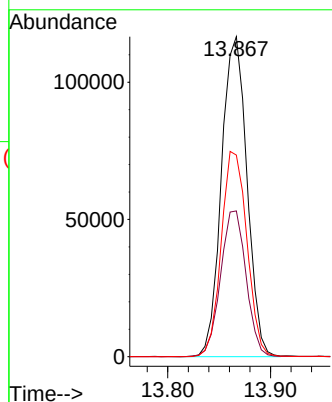
Tgt Ion:146 Resp: 200976

Ion Ratio Lower Upper

146 100

111 45.5 34.7 52.1

148 63.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 17.862 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

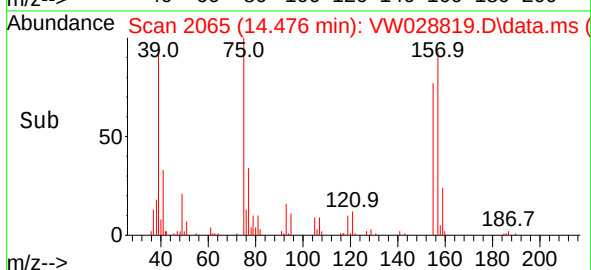
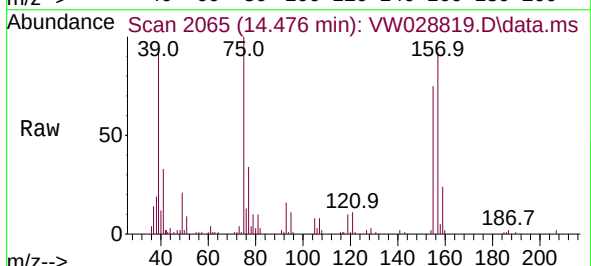
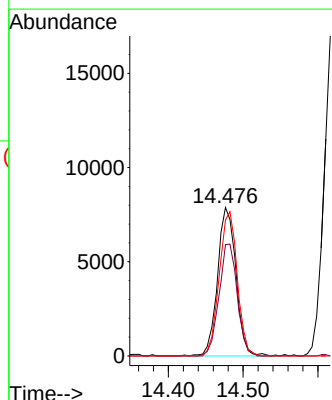
Tgt Ion: 75 Resp: 13496

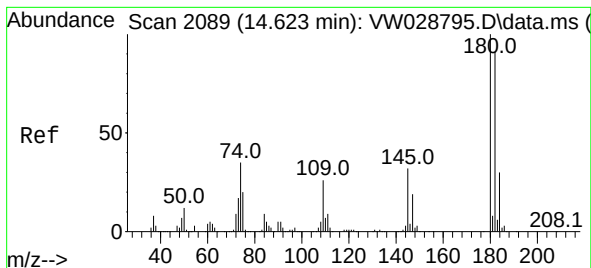
Ion Ratio Lower Upper

75 100

155 75.0 55.1 82.7

157 91.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.521 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

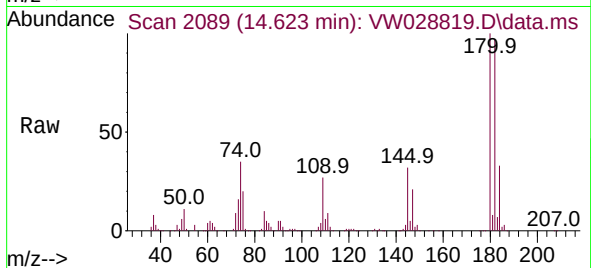
Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:180 Resp: 138862

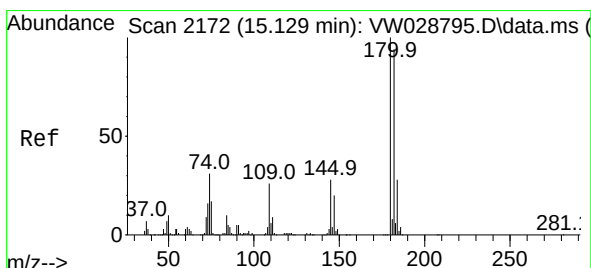
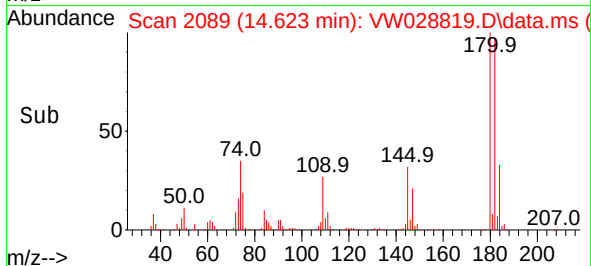
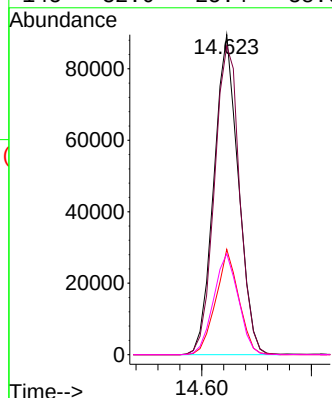
Ion Ratio Lower Upper

180 100

182 99.4 75.4 113.2

184 30.9 24.0 36.0

145 32.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.250 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

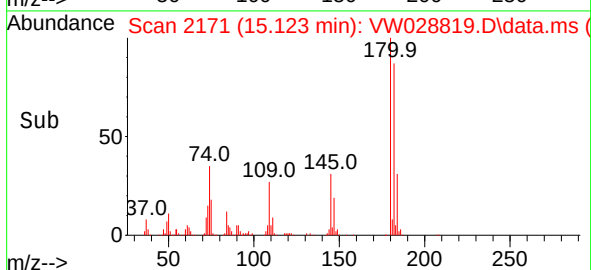
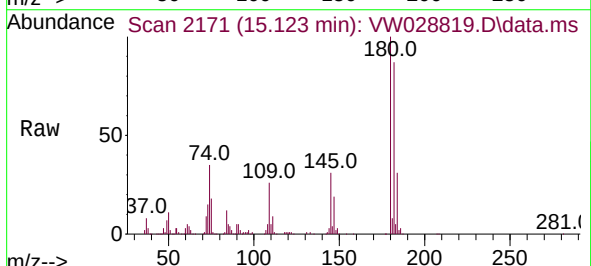
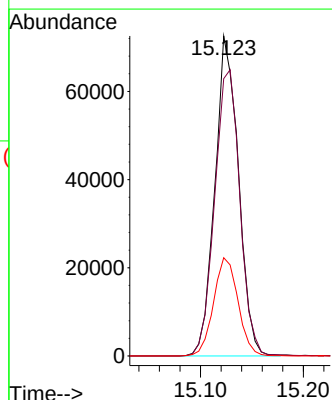
Tgt Ion:180 Resp: 115535

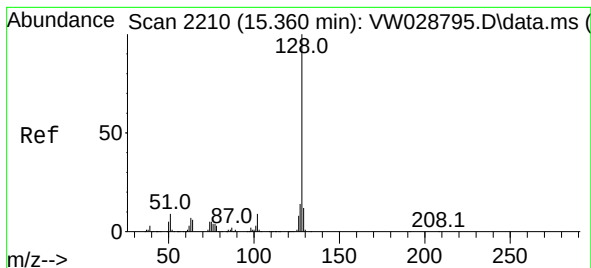
Ion Ratio Lower Upper

180 100

182 95.3 77.2 115.8

145 31.9 26.6 39.8





#71

Naphthalene

Concen: 22.370 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min MSVOA\_W

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

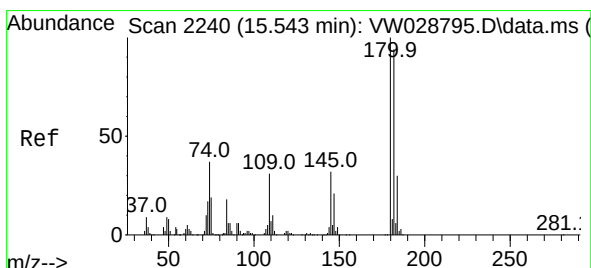
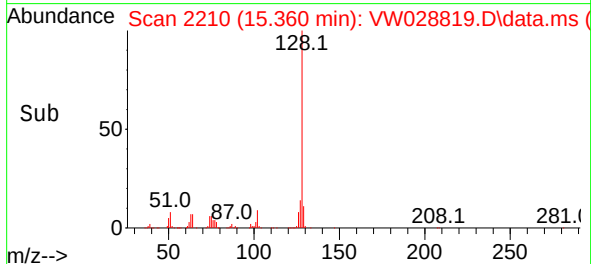
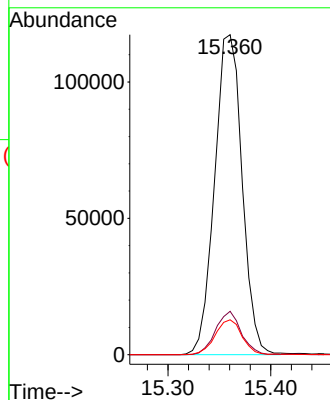
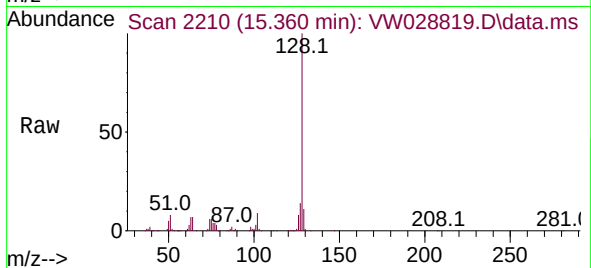
Tgt Ion:128 Resp: 218084

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.928 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028819.D

Acq: 26 May 2024 04:04

Tgt Ion:180 Resp: 107052

Ion Ratio Lower Upper

180 100

182 96.8 76.1 114.1

145 33.6 28.3 42.5

