

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122222\  
 Data File : VX033546.D  
 Acq On : 22 Dec 2022 15:38  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 23 04:46:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 23 04:40:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 263357   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 237095   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 120976   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 64479    | 46.026   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 92.060%  |
| 7) Chloroethane-d5            | 1.673   | 69    | 50605    | 46.188   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 92.380%  |
| 11) 1,1-Dichloroethene-d2     | 2.313   | 63    | 110909   | 49.586   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 99.180%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 97692    | 95.999   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.000%  |
| 24) Chloroform-d              | 5.056   | 84    | 164710   | 47.425   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.840%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 99677    | 46.288   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.580%  |
| 32) Benzene-d6                | 5.977   | 84    | 319305   | 47.156   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.320%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 93336    | 47.181   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 94.360%  |
| 41) Toluene-d8                | 8.647   | 98    | 312475   | 47.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.100%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 46303    | 48.416   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.840%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 80479    | 99.236   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 130351   | 48.054   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.100%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 123518   | 49.220   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.440%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.167   | 85    | 28924    | 45.504   | ug/L   | 99       |
| 3) Chloromethane              | 1.295   | 50    | 36098    | 45.232   | ug/L   | 100      |
| 5) Vinyl chloride             | 1.374   | 62    | 47753    | 45.282   | ug/L   | 99       |
| 6) Bromomethane               | 1.618   | 94    | 28764    | 45.849   | ug/L   | 97       |
| 8) Chloroethane               | 1.691   | 64    | 32012    | 45.628   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 1.892   | 101   | 78917    | 45.217   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 62534    | 56.314   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.325   | 96    | 50394    | 50.468   | ug/L   | # 80     |
| 13) Acetone                   | 2.392   | 43    | 83035    | 127.028  | ug/L   | 95       |
| 14) Carbon disulfide          | 2.514   | 76    | 154330   | 50.792   | ug/L   | 100      |
| 15) Methyl Acetate            | 2.709   | 43    | 60377    | 46.197   | ug/L   | 100      |
| 16) Methylene chloride        | 2.788   | 84    | 67564    | 45.198   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 67177    | 45.419   | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 217266   | 46.348   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 119863   | 46.692   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 79400    | 45.804   | ug/L   | 97       |
| 22) 2-Butanone                | 4.562   | 43    | 102939   | 95.622   | ug/L   | 99       |
| 23) Bromochloromethane        | 4.898   | 128   | 41967    | 45.227   | ug/L   | 94       |
| 25) Chloroform                | 5.093   | 83    | 138302   | 46.365   | ug/L   | 99       |

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 Sample : VSTDICV050  
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 ALS Vial : 10 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 23 04:46:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 23 04:40:20 2022  
 Response via : Initial Calibration

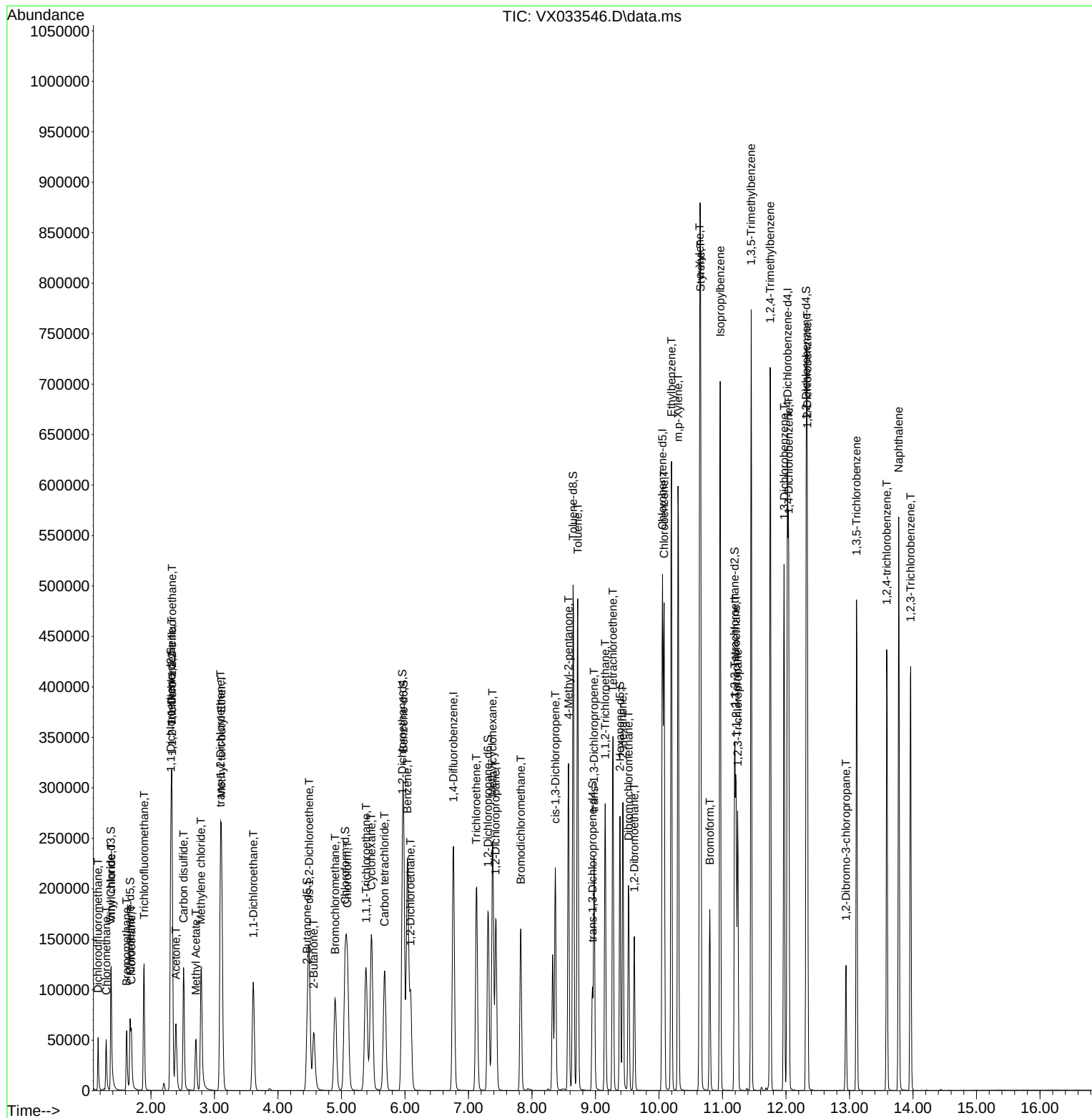
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 105403   | 46.323 | ug/L  | 99       |
| 29) Cyclohexane               | 5.471  | 56   | 106103   | 45.790 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 126940   | 46.037 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.678  | 117  | 112599   | 46.015 | ug/L  | 98       |
| 33) Benzene                   | 6.038  | 78   | 287635   | 45.649 | ug/L  | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 81326    | 46.287 | ug/L  | 95       |
| 35) Methylcyclohexane         | 7.379  | 83   | 123437   | 47.936 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 70973    | 45.676 | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.824  | 83   | 105725   | 46.106 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 116252   | 46.047 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 180015   | 93.547 | ug/L  | 99       |
| 42) Toluene                   | 8.720  | 91   | 329364   | 46.247 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 113109   | 47.718 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 77512    | 46.084 | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 68486    | 46.183 | ug/L  | 96       |
| 48) 2-Hexanone                | 9.427  | 43   | 149666   | 97.924 | ug/L  | 98       |
| 49) Dibromochloromethane      | 9.519  | 129  | 91234    | 46.448 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 83693    | 46.095 | ug/L  | 98       |
| 51) Chlorobenzene             | 10.080 | 112  | 219155   | 46.374 | ug/L  | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 368013   | 47.168 | ug/L  | 99       |
| 53) m,p-Xylene                | 10.299 | 106  | 146922   | 47.213 | ug/L  | 99       |
| 54) o-Xylene                  | 10.640 | 106  | 141808   | 46.593 | ug/L  | 98       |
| 55) Styrene                   | 10.653 | 104  | 245290   | 47.821 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 116908   | 47.533 | ug/L  | 99       |
| 59) Bromoform                 | 10.799 | 173  | 65876    | 46.764 | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.964 | 105  | 381984   | 47.752 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 88287    | 46.334 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 330111   | 48.580 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 323798   | 48.467 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 174039   | 47.634 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 176055   | 47.635 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 170365   | 47.248 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 23465    | 45.809 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.110 | 180  | 120896   | 49.451 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 108230   | 48.875 | ug/L  | 99       |
| 71) Naphthalene               | 13.774 | 128  | 351895   | 48.638 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 106416   | 48.156 | ug/L  | 99       |

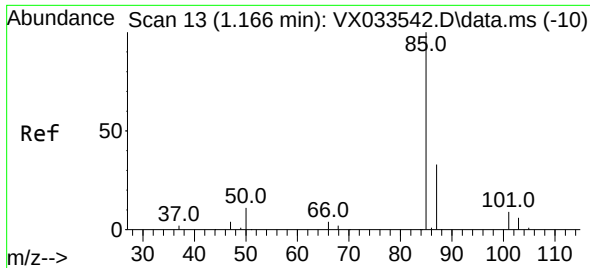
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122222WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 23 04:40:20 2022  
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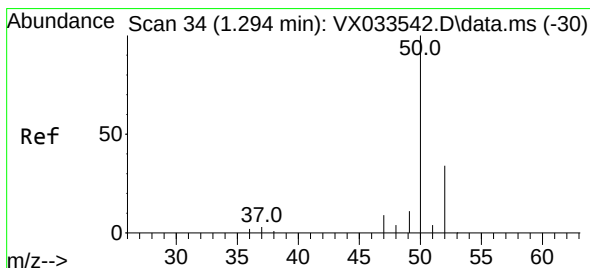
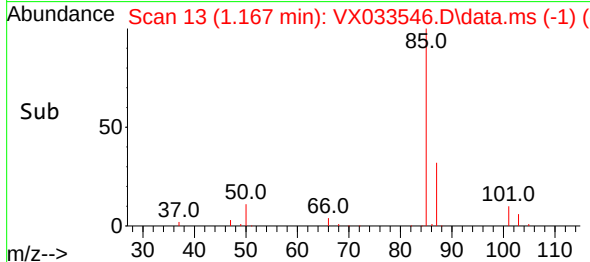
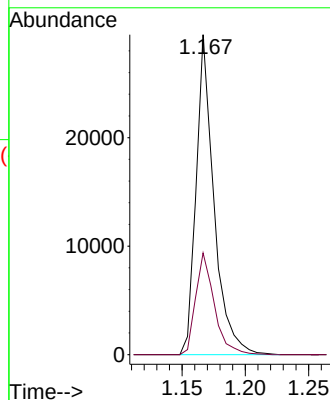
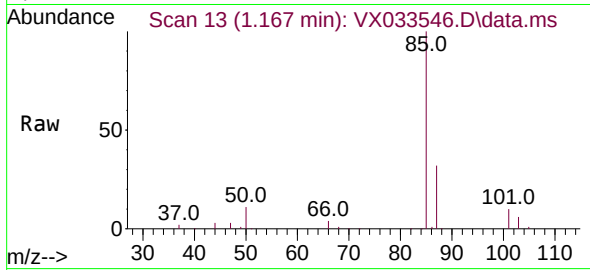




#2  
 Dichlorodifluoromethane  
 Concen: 45.504 ug/L  
 RT: 1.167 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

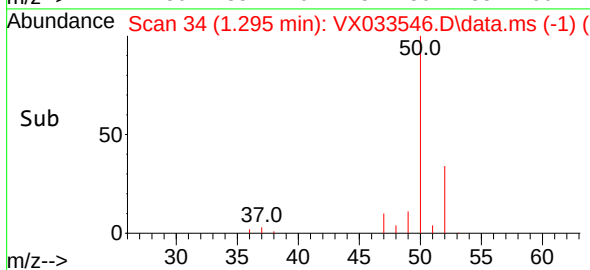
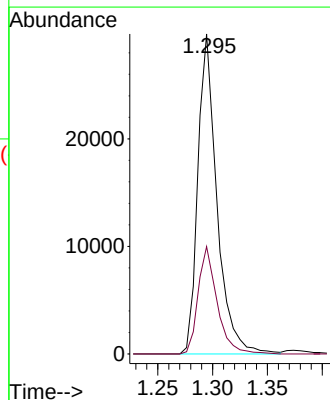
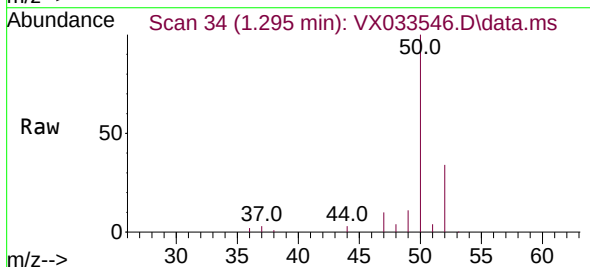
Instrument :  
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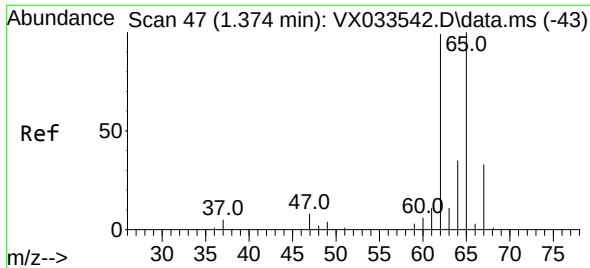
Tgt Ion: 85 Resp: 28924  
 Ion Ratio Lower Upper  
 85 100  
 87 33.3 26.1 39.1



#3  
 Chloromethane  
 Concen: 45.232 ug/L  
 RT: 1.295 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

Tgt Ion: 50 Resp: 36098  
 Ion Ratio Lower Upper  
 50 100  
 52 33.5 23.7 43.9

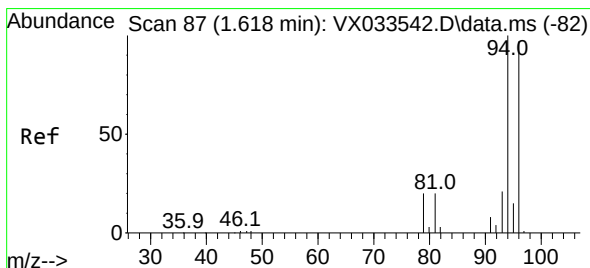
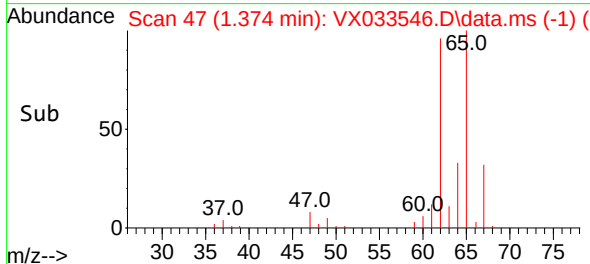
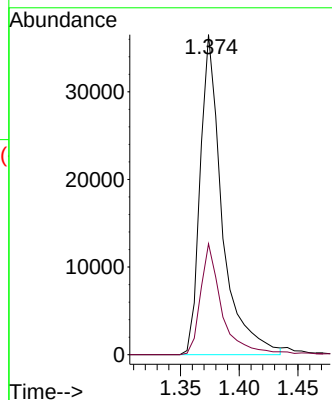
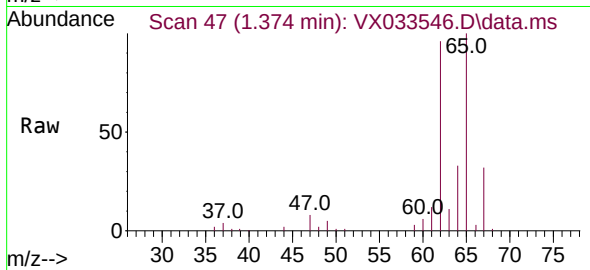




#5  
 Vinyl chloride  
 Concen: 45.282 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

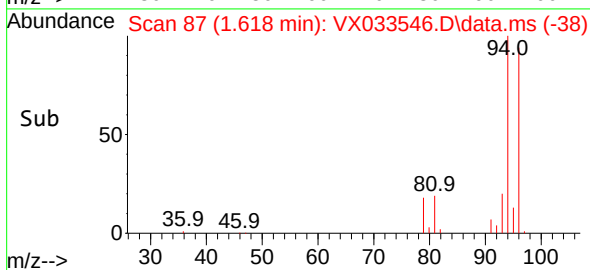
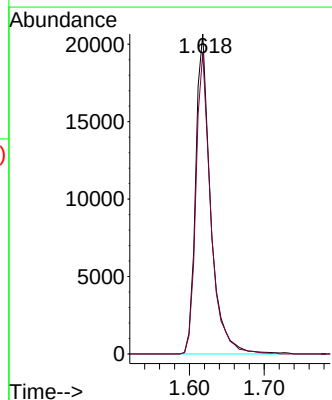
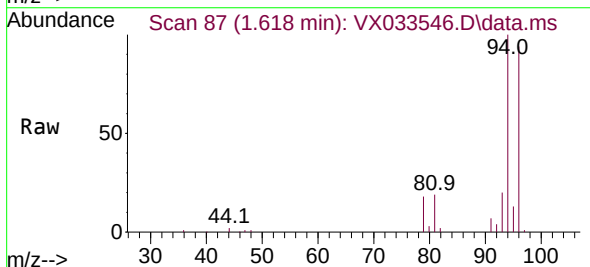
Instrument :  
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 ClientSampleId :

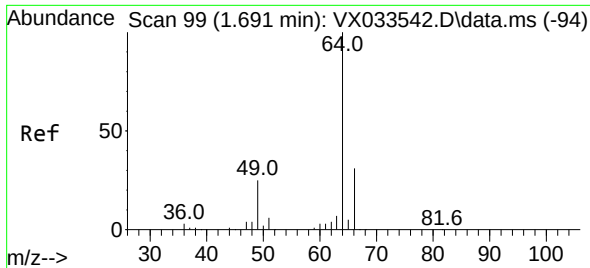
Tgt Ion: 62 Resp: 47753  
 Ion Ratio Lower Upper  
 62 100  
 64 34.6 24.8 46.1



#6  
 Bromomethane  
 Concen: 45.849 ug/L  
 RT: 1.618 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

Tgt Ion: 94 Resp: 28764  
 Ion Ratio Lower Upper  
 94 100  
 96 94.0 68.0 126.2

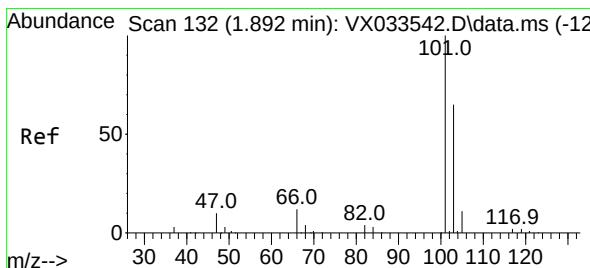
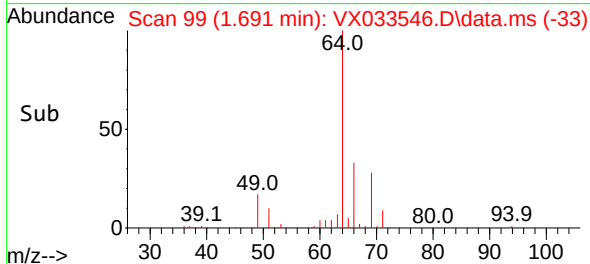
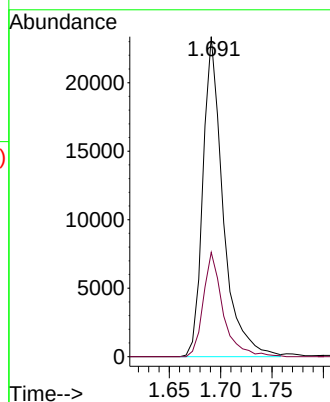
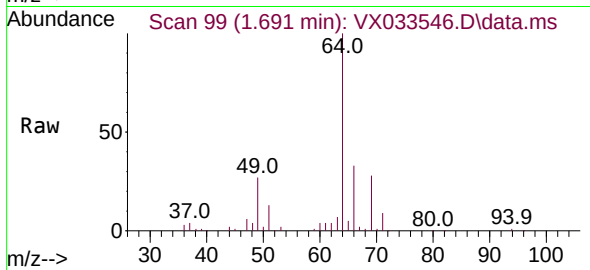




#8  
Chloroethane  
Concen: 45.628 ug/L  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

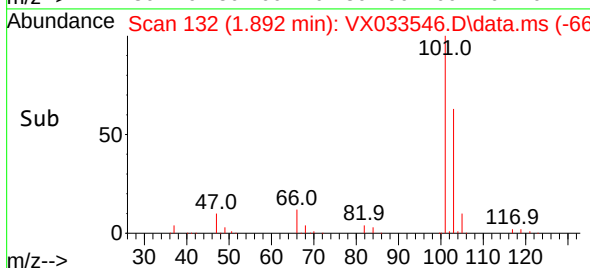
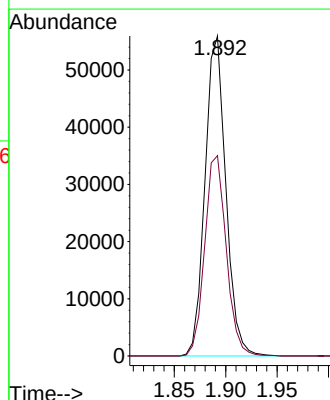
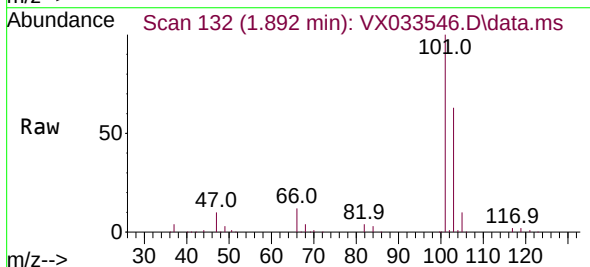
Instrument :  
MSVOA\_X  
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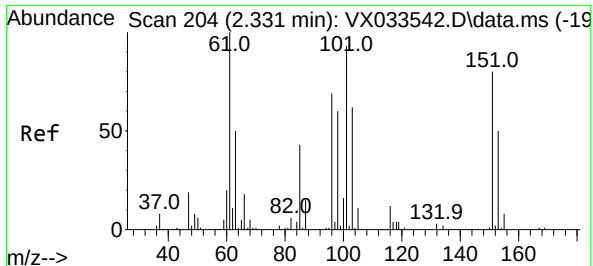
Tgt Ion: 64 Resp: 32012  
Ion Ratio Lower Upper  
64 100  
66 32.6 21.3 39.6



#9  
Trichlorofluoromethane  
Concen: 45.217 ug/L  
RT: 1.892 min Scan# 132  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 101 Resp: 78917  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.8 77.6

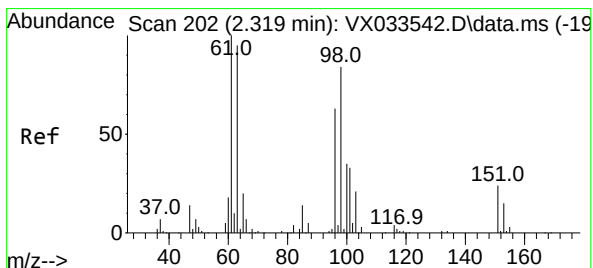
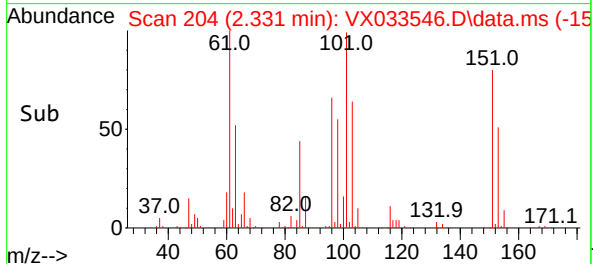
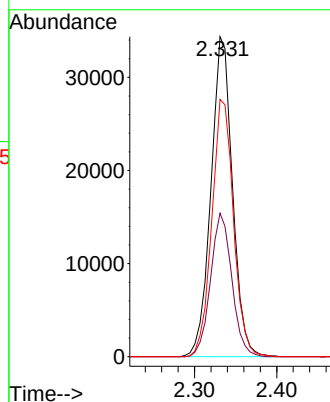
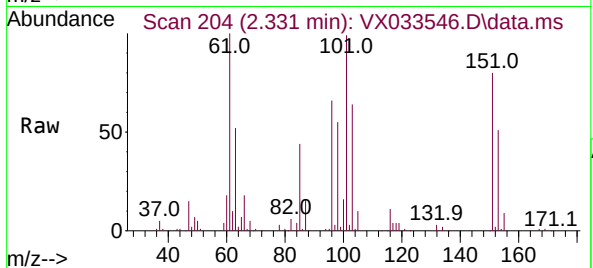




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 56.314 ug/L  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

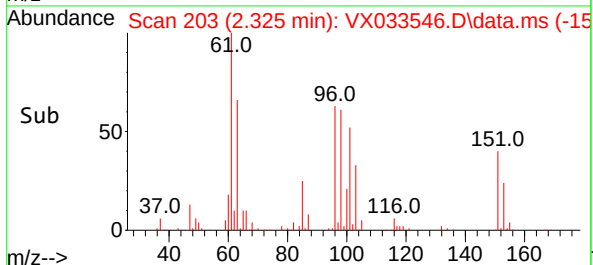
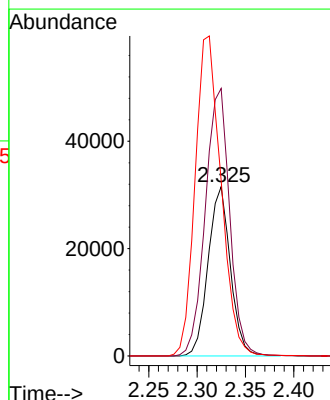
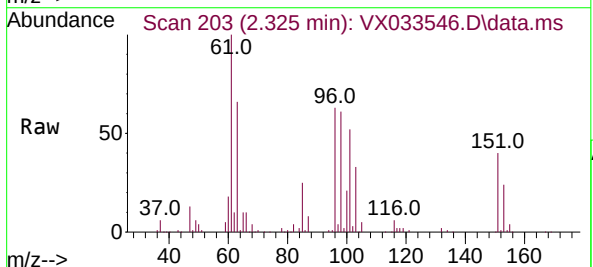
Instrument :  
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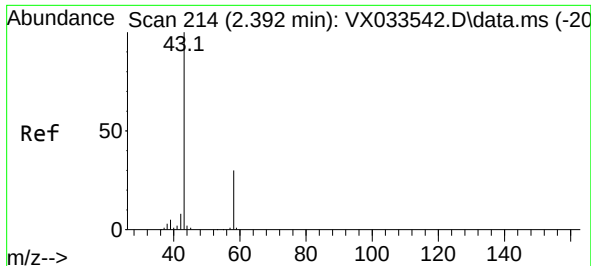
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Ion Ratio Lower Upper  
101 100  
85 44.2 35.0 52.6  
151 80.8 65.7 98.5



#12  
1,1-Dichloroethene  
Concen: 50.468 ug/L  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 96 Resp: 50394  
Ion Ratio Lower Upper  
96 100  
61 158.0 111.6 207.2  
63 103.7 108.6 201.6#





#13

Acetone

Concen: 127.028 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

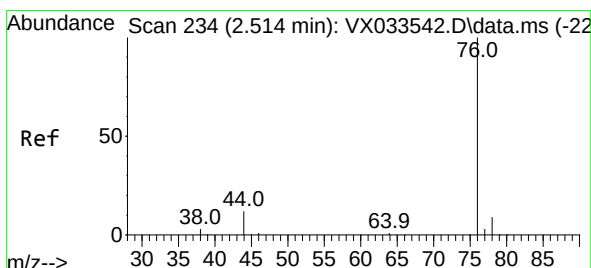
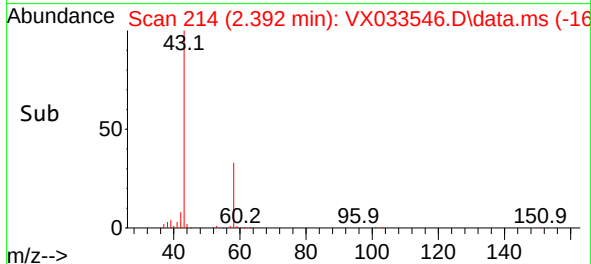
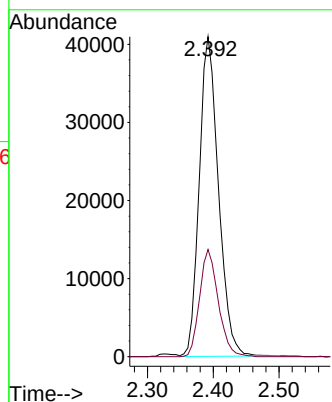
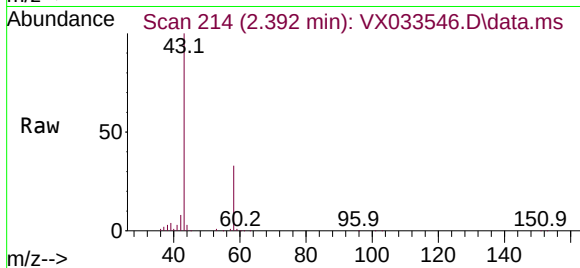
ClientSampleId :

Tgt Ion: 43 Resp: 83035

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.0



#14

Carbon disulfide

Concen: 50.792 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033546.D

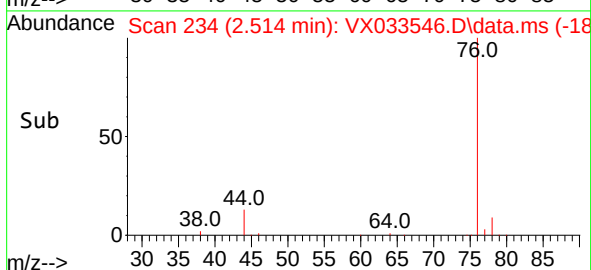
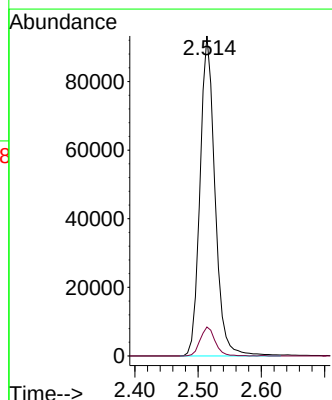
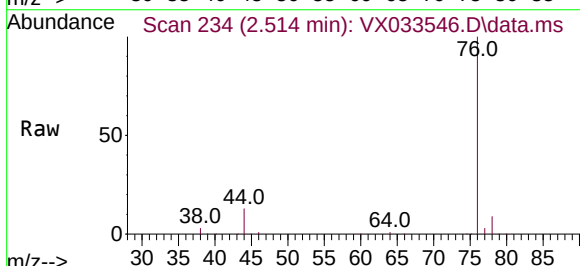
Acq: 22 Dec 2022 15:38

Tgt Ion: 76 Resp: 154330

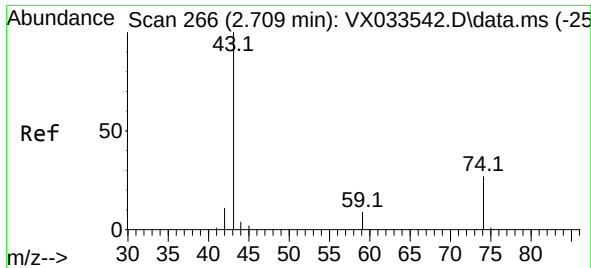
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



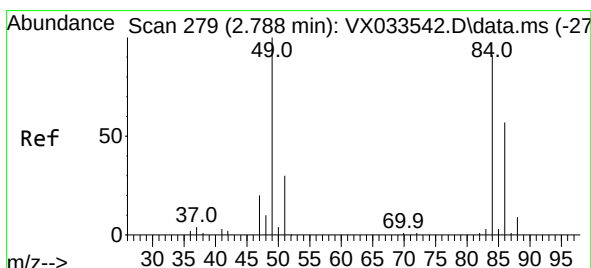
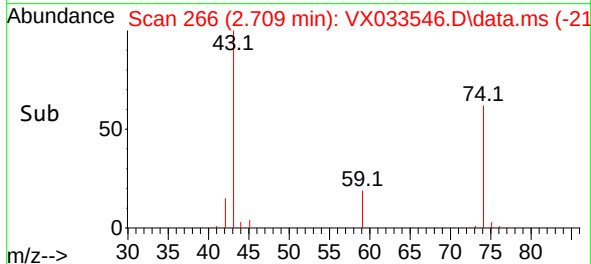
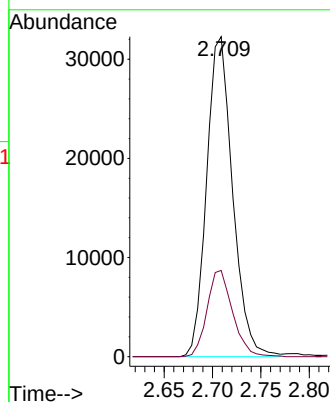
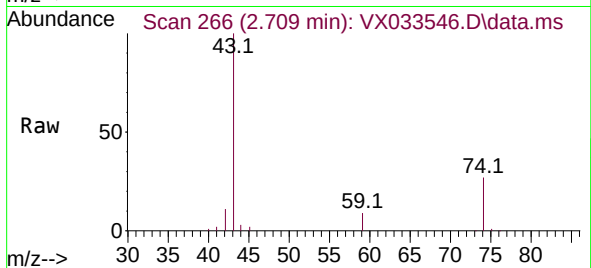




#15  
Methyl Acetate  
Concen: 46.197 ug/L  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

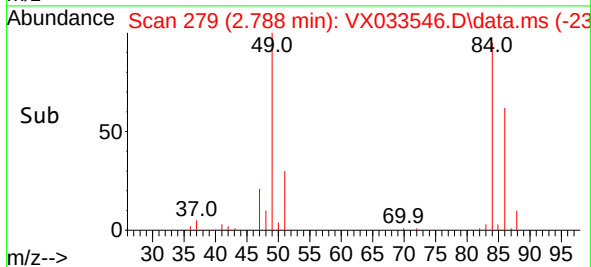
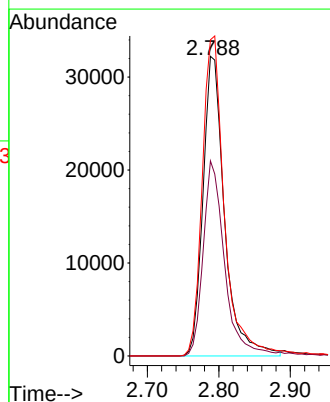
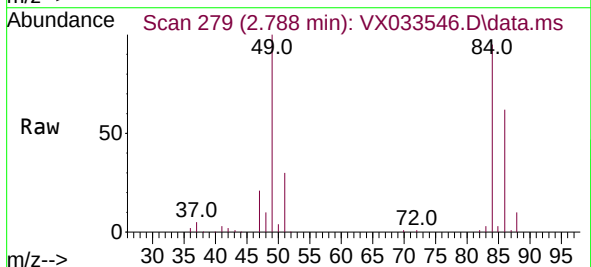
Instrument :  
MSVOA\_X  
ClientSampleId :

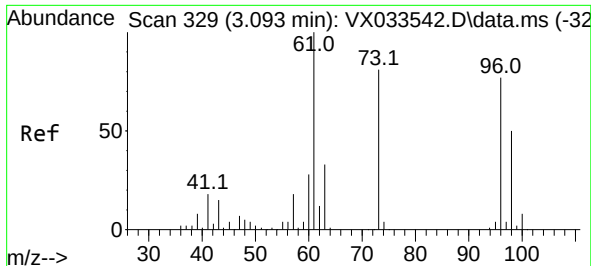
Tgt Ion: 43 Resp: 60377  
Ion Ratio Lower Upper  
43 100  
74 26.5 21.4 32.0



#16  
Methylene chloride  
Concen: 45.198 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 84 Resp: 67564  
Ion Ratio Lower Upper  
84 100  
86 65.1 44.0 81.6  
49 105.5 77.2 143.4



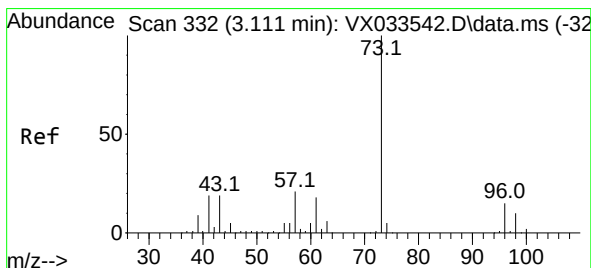
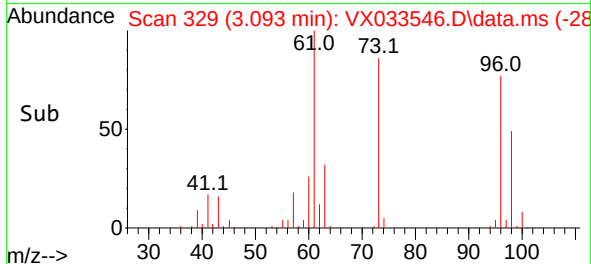
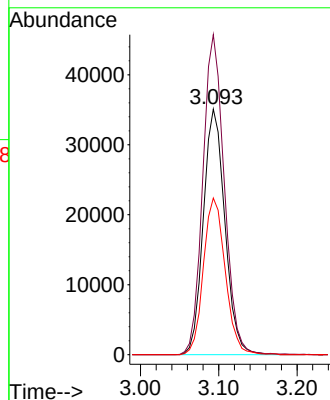
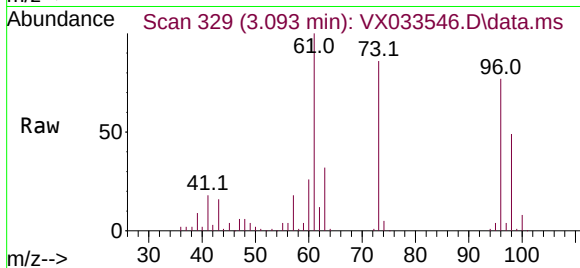


#17  
 trans-1,2-Dichloroethene  
 Concen: 45.419 ug/L  
 RT: 3.093 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 96 Resp: 67177  

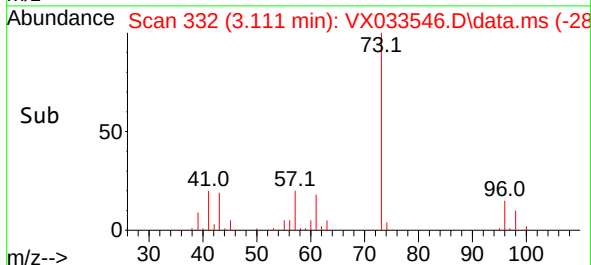
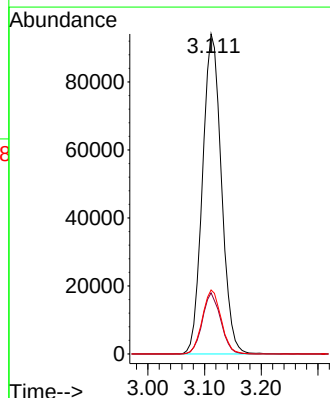
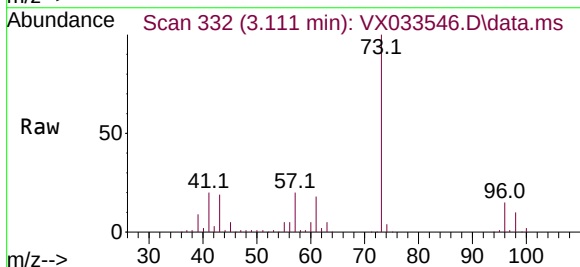
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.3 | 90.6  | 168.2 |
| 98  | 63.8  | 45.1  | 83.9  |

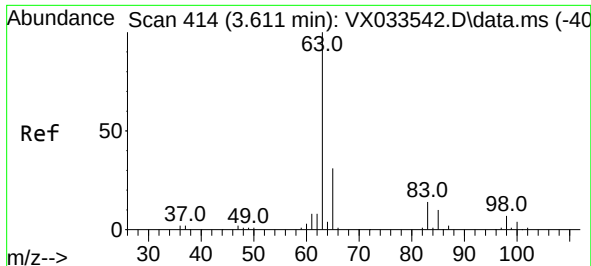


#18  
 Methyl tert-butyl Ether  
 Concen: 46.348 ug/L  
 RT: 3.111 min Scan# 332  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

Tgt Ion: 73 Resp: 217266  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 18.5  | 14.7  | 22.1  |
| 57  | 19.9  | 16.4  | 24.6  |





#19

1,1-Dichloroethane

Concen: 46.692 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

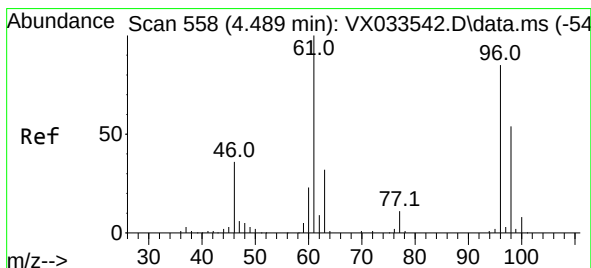
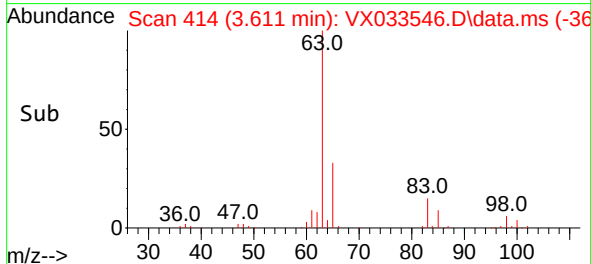
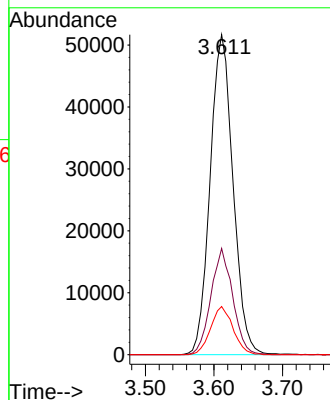
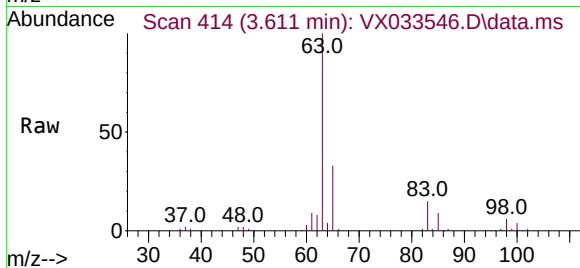
Tgt Ion: 63 Resp: 119863

Ion Ratio Lower Upper

63 100

65 33.2 21.8 40.6

83 15.1 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 45.804 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

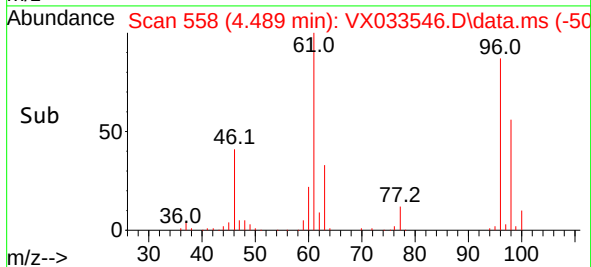
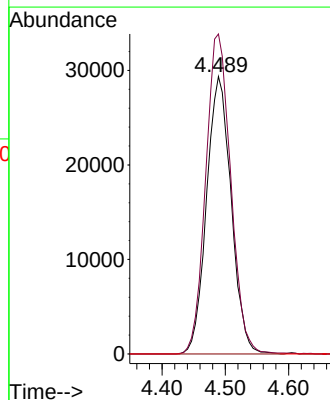
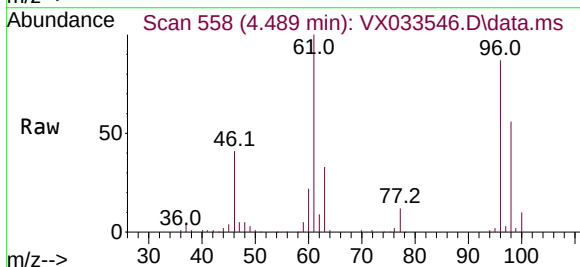
Tgt Ion: 96 Resp: 79400

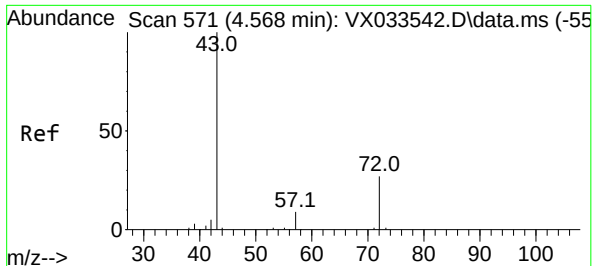
Ion Ratio Lower Upper

96 100

61 115.3 82.7 153.7

68 0.0 0.0 0.0

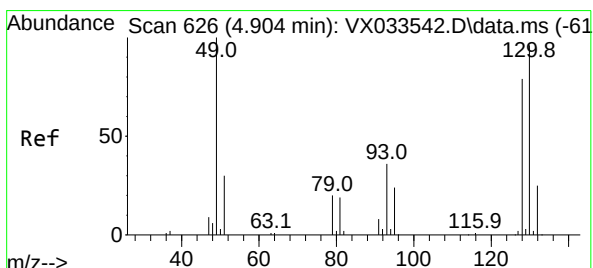
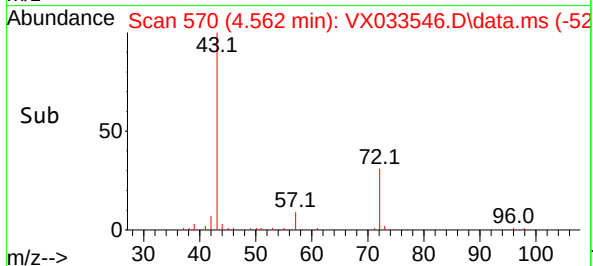
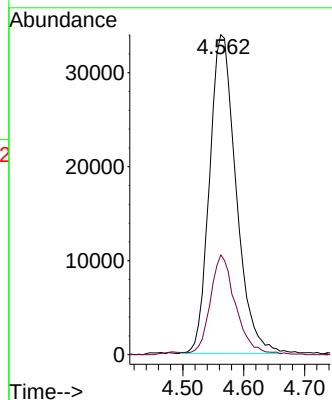
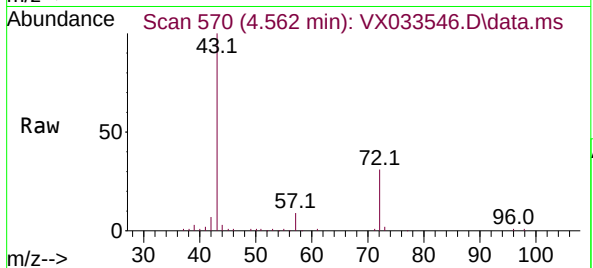




#22  
2-Butanone  
Concen: 95.622 ug/L  
RT: 4.562 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

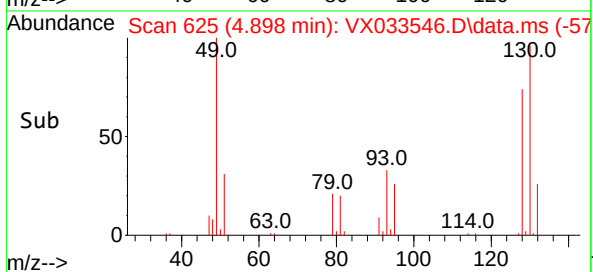
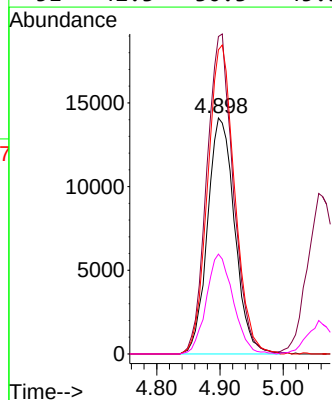
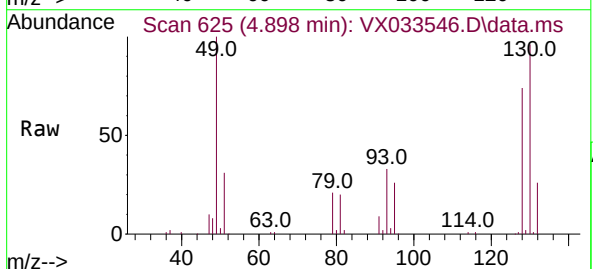
Instrument :  
MSVOA\_X  
ClientSampleId :

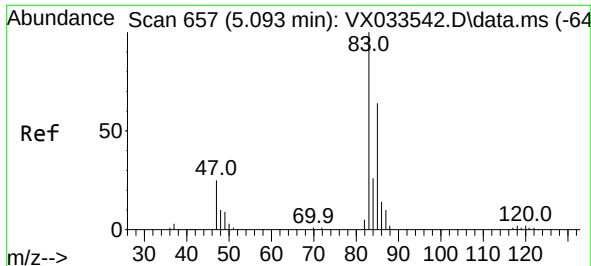
Tgt Ion: 43 Resp: 102939  
Ion Ratio Lower Upper  
43 100  
72 29.6 14.6 44.0



#23  
Bromochloromethane  
Concen: 45.227 ug/L  
RT: 4.898 min Scan# 625  
Delta R.T. -0.006 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion:128 Resp: 41967  
Ion Ratio Lower Upper  
128 100  
49 134.5 89.2 165.8  
130 128.9 85.8 159.3  
51 42.3 30.3 45.5





#25

Chloroform

Concen: 46.365 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

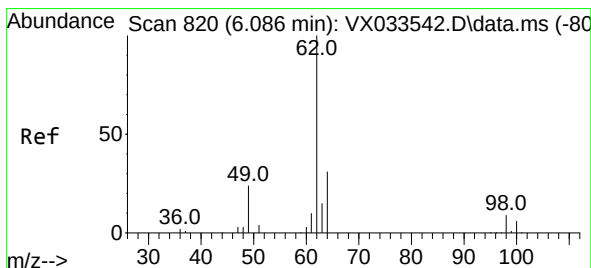
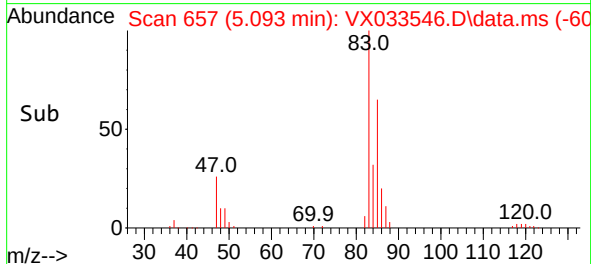
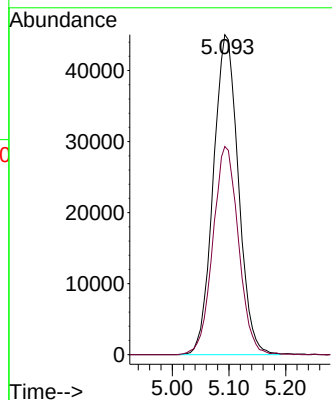
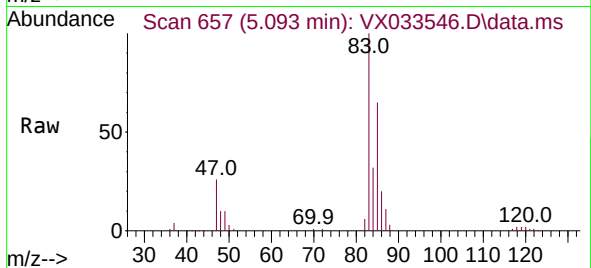
ClientSampleId :

Tgt Ion: 83 Resp: 138302

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 46.323 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033546.D

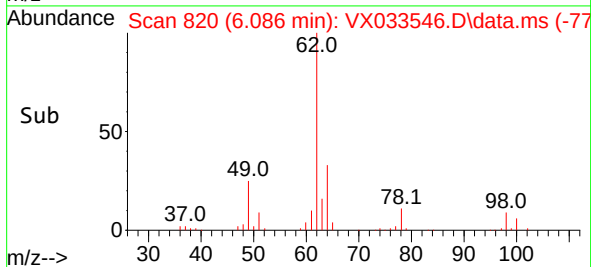
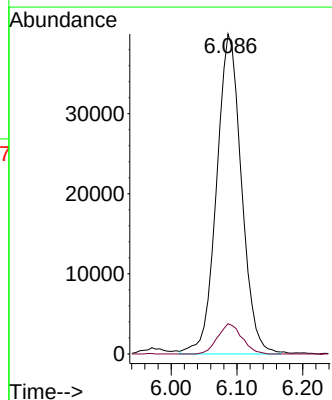
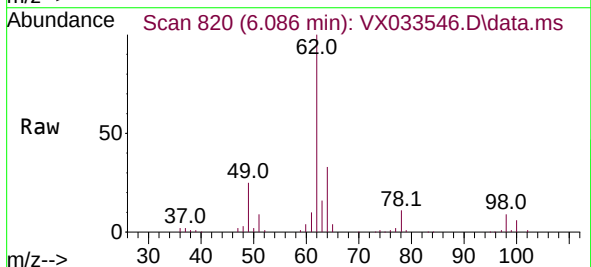
Acq: 22 Dec 2022 15:38

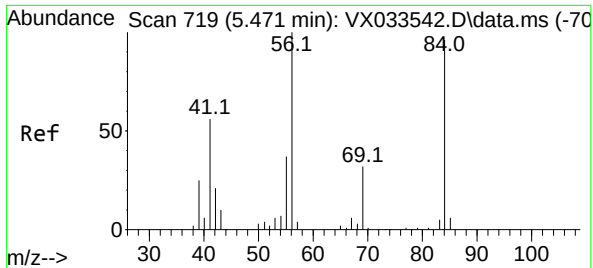
Tgt Ion: 62 Resp: 105403

Ion Ratio Lower Upper

62 100

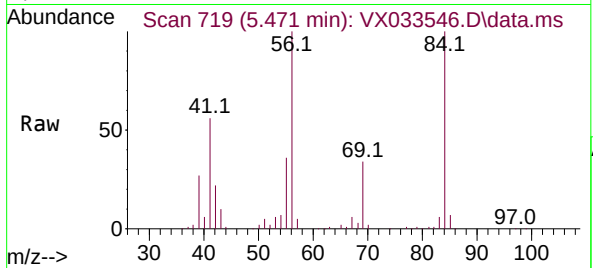
98 9.5 7.4 11.0



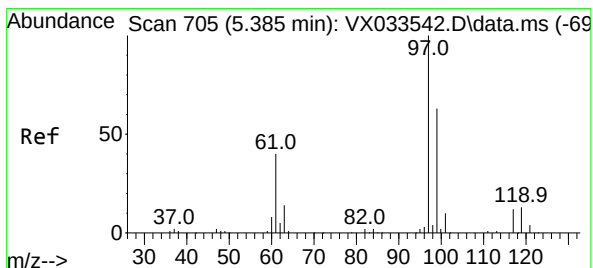
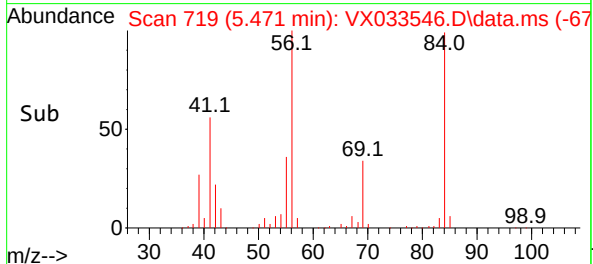
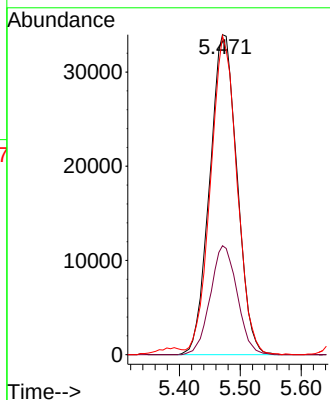


#29  
Cyclohexane  
Concen: 45.790 ug/L  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Instrument :  
MSVOA\_X  
ClientSampleId :

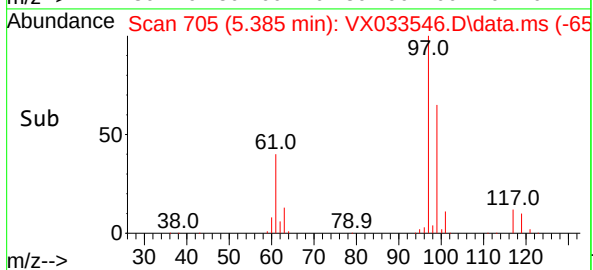
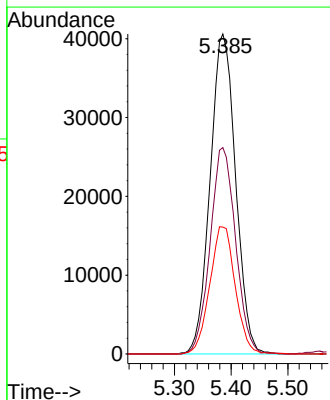
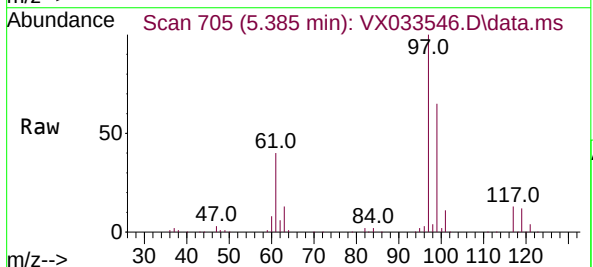


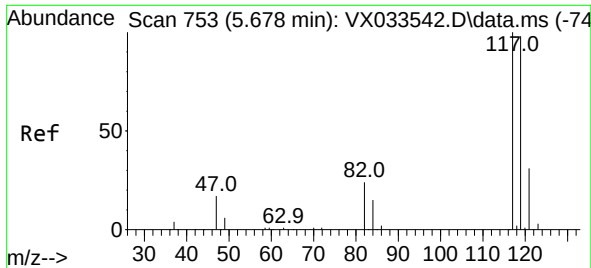
Tgt Ion: 56 Resp: 106103  
Ion Ratio Lower Upper  
56 100  
69 33.4 26.3 39.5  
84 96.0 75.6 113.4



#30  
1,1,1-Trichloroethane  
Concen: 46.037 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 97 Resp: 126940  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.3 76.9  
61 39.6 32.4 48.6

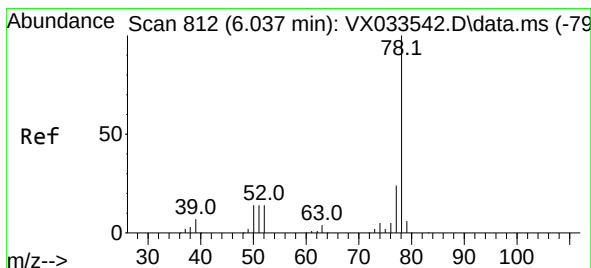
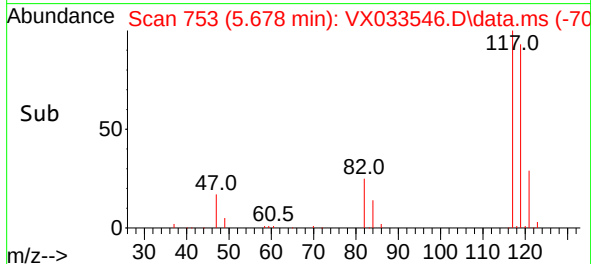
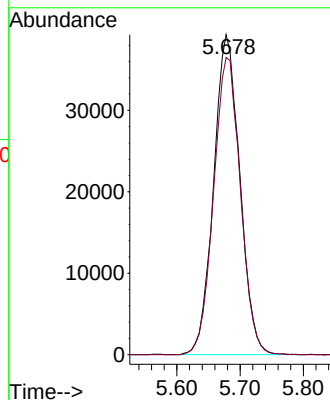
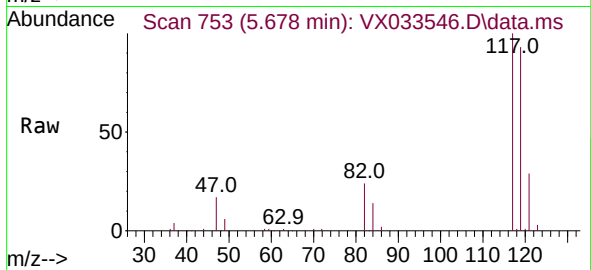




#31  
Carbon tetrachloride  
Concen: 46.015 ug/L  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

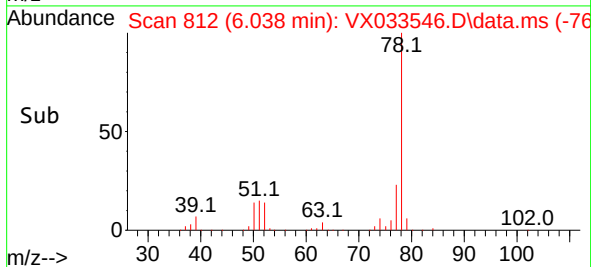
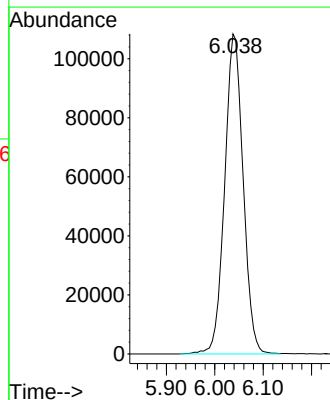
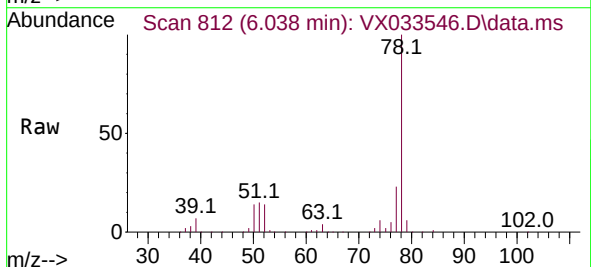
Instrument :  
MSVOA\_X  
ClientSampleId :

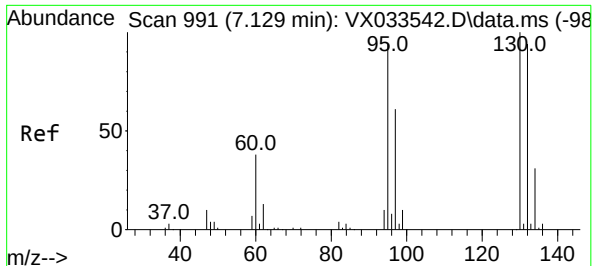
Tgt Ion:117 Resp: 112599  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.9 116.9



#33  
Benzene  
Concen: 45.649 ug/L  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 78 Resp: 287635

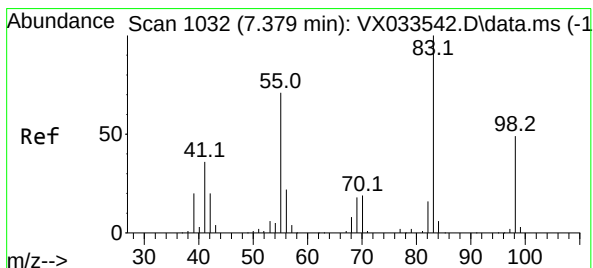
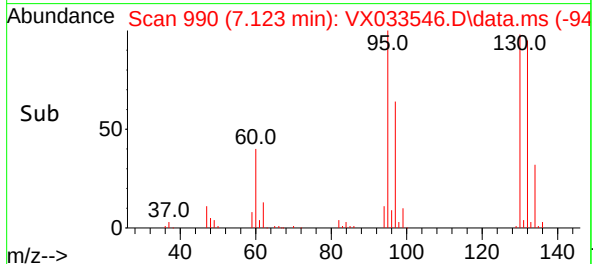
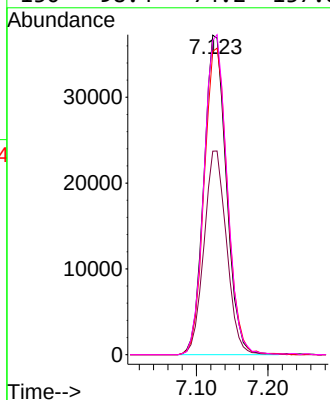
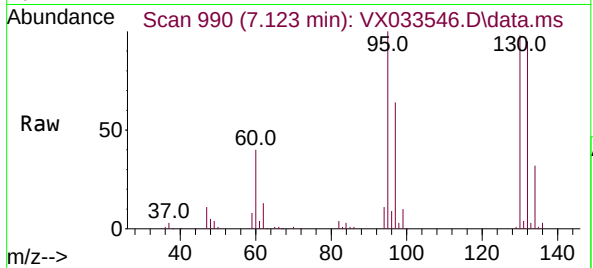




#34  
Trichloroethene  
Concen: 46.287 ug/L  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

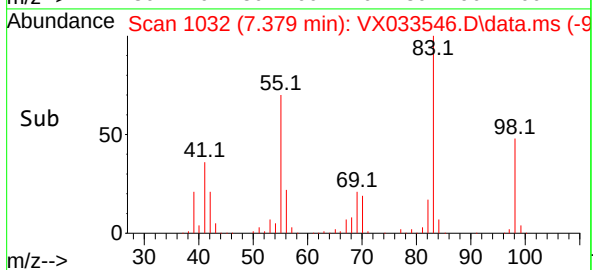
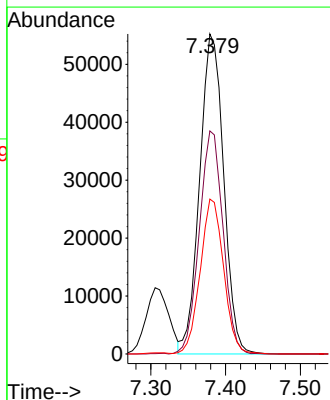
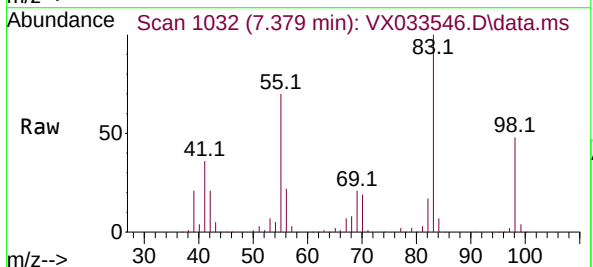
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 95 Resp: 81326  
Ion Ratio Lower Upper  
95 100  
97 63.7 44.9 83.3  
132 94.9 69.5 129.1  
130 98.4 74.2 137.8

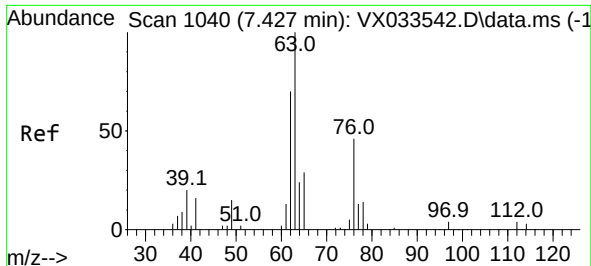


#35  
Methylcyclohexane  
Concen: 47.936 ug/L  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 83 Resp: 123437  
Ion Ratio Lower Upper  
83 100  
55 68.7 55.6 83.4  
98 47.3 38.6 57.8







#37

1,2-Dichloropropane

Concen: 45.676 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

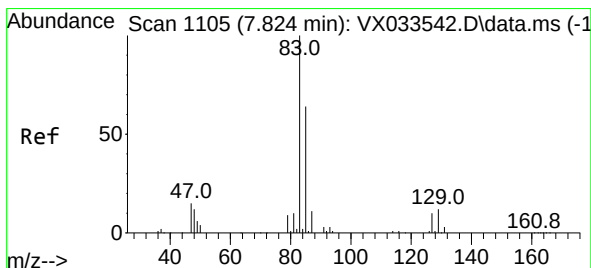
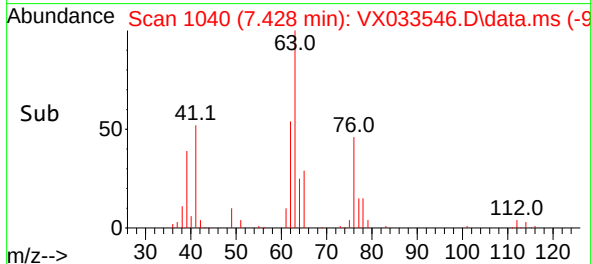
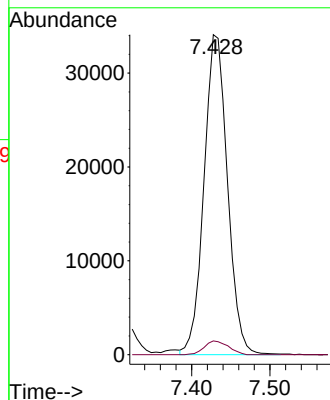
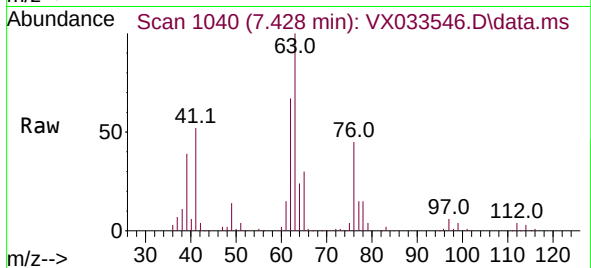
ClientSampleId :

Tgt Ion: 63 Resp: 70973

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 46.106 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

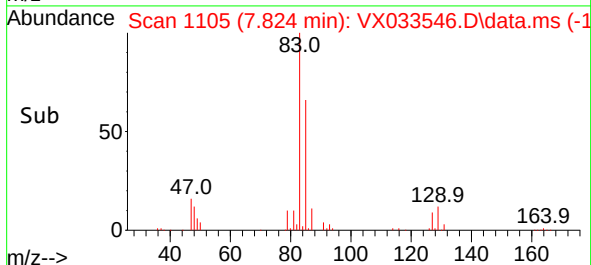
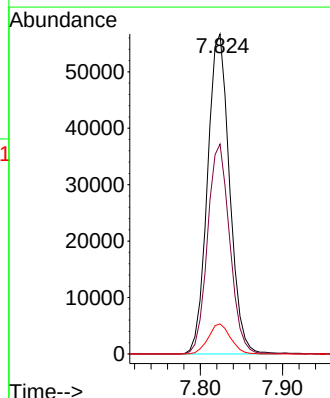
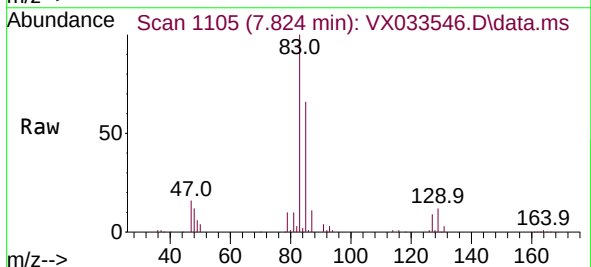
Tgt Ion: 83 Resp: 105725

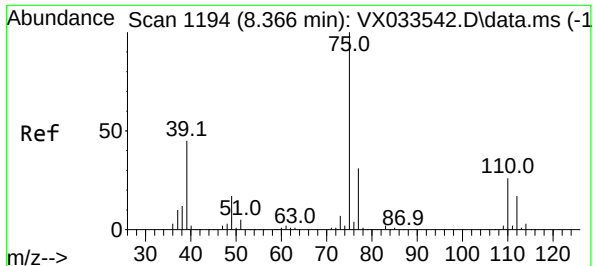
Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.9

127 9.4 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 46.047 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

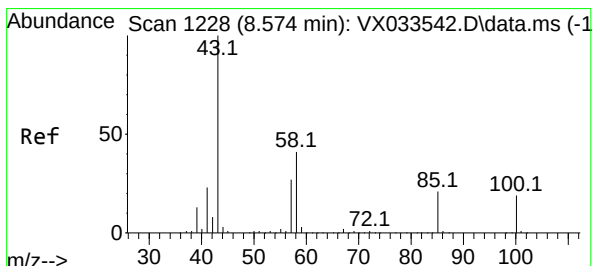
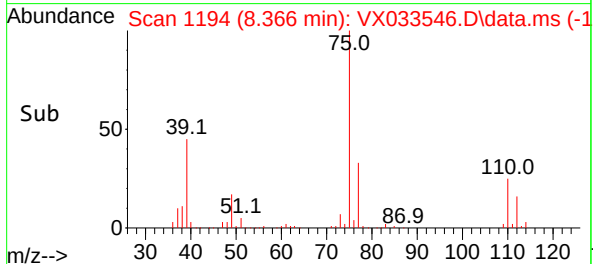
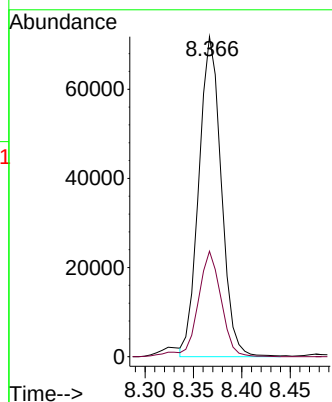
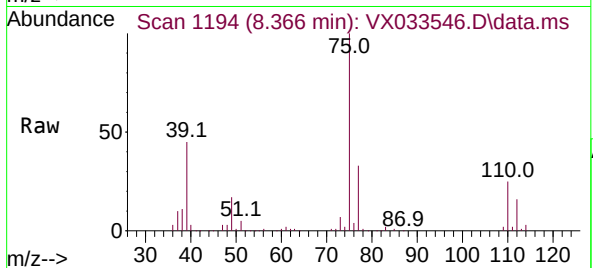
ClientSampleId :

Tgt Ion: 75 Resp: 116252

Ion Ratio Lower Upper

75 100

77 33.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 93.547 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

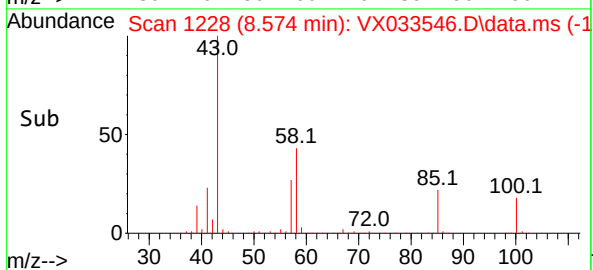
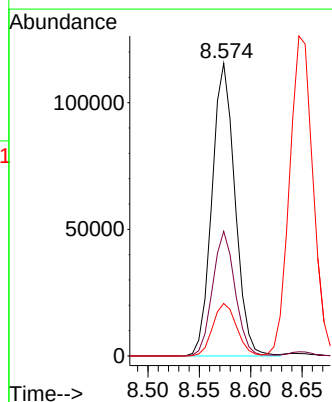
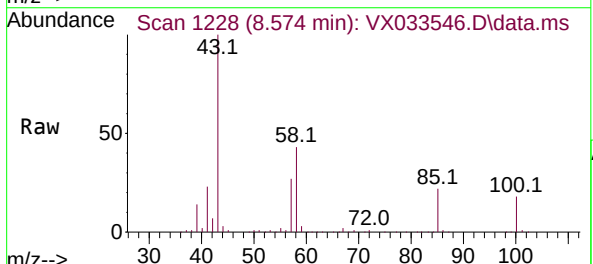
Tgt Ion: 43 Resp: 180015

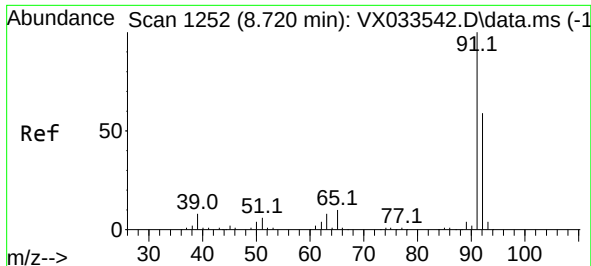
Ion Ratio Lower Upper

43 100

58 41.7 32.9 49.3

100 18.6 14.9 22.3





#42

Toluene

Concen: 46.247 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

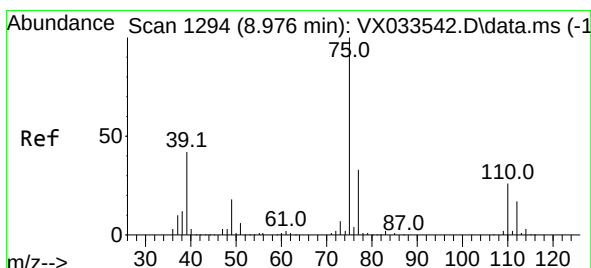
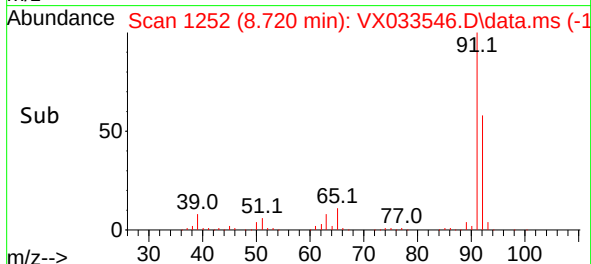
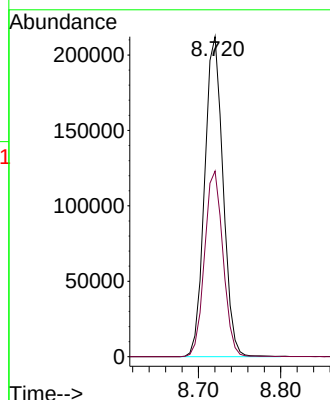
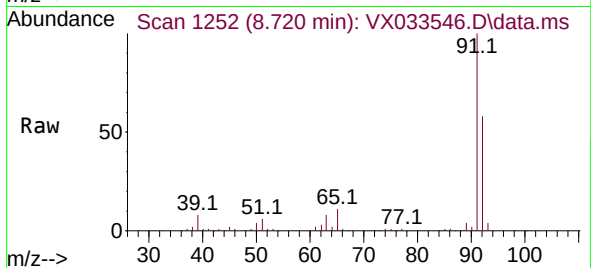
ClientSampleId :

Tgt Ion: 91 Resp: 329364

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 47.718 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033546.D

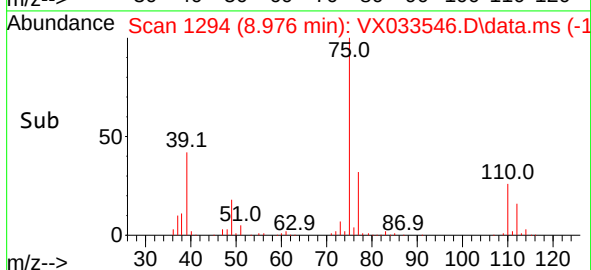
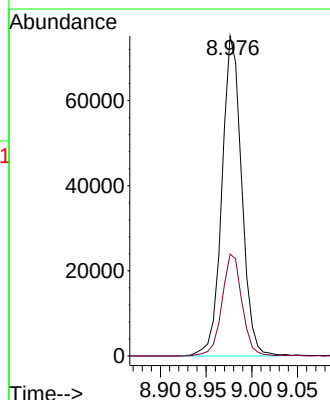
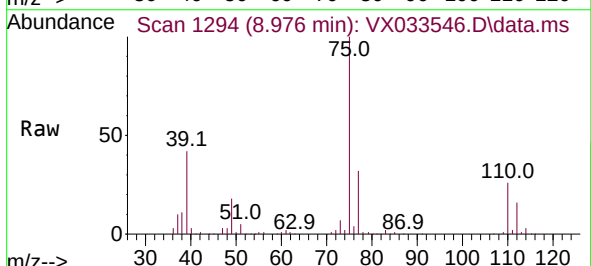
Acq: 22 Dec 2022 15:38

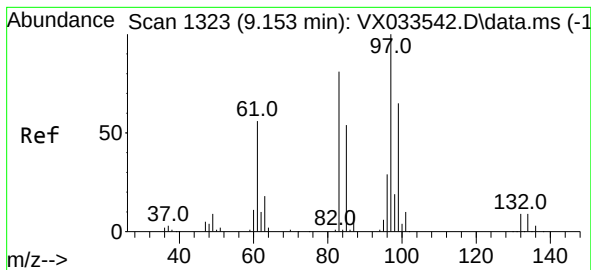
Tgt Ion: 75 Resp: 113109

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 46.084 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 77512

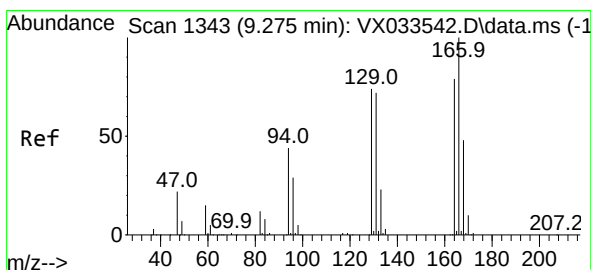
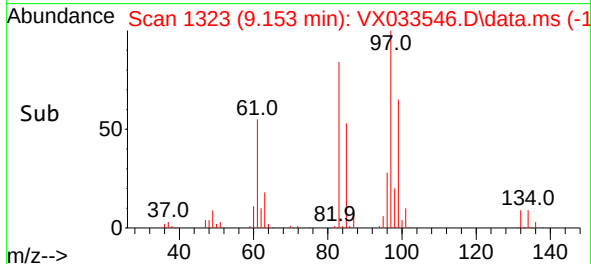
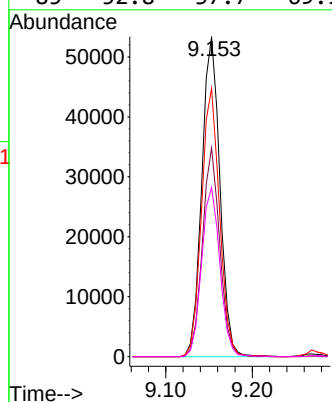
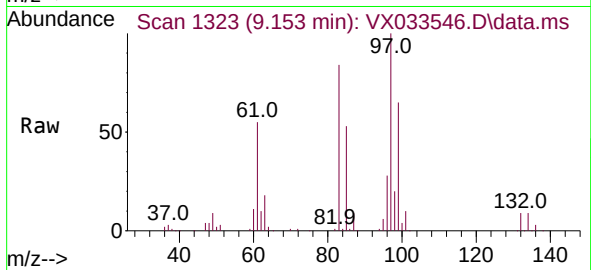
Ion Ratio Lower Upper

97 100

99 65.2 45.4 84.2

83 83.9 57.0 105.9

85 52.8 37.7 69.9



#46

Tetrachloroethene

Concen: 46.183 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Tgt Ion:164 Resp: 68486

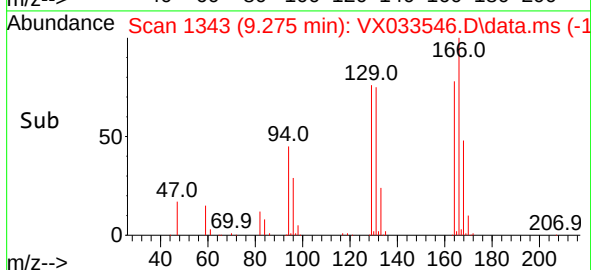
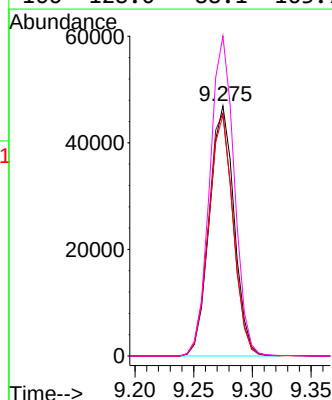
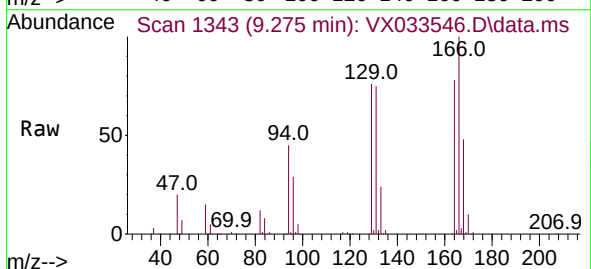
Ion Ratio Lower Upper

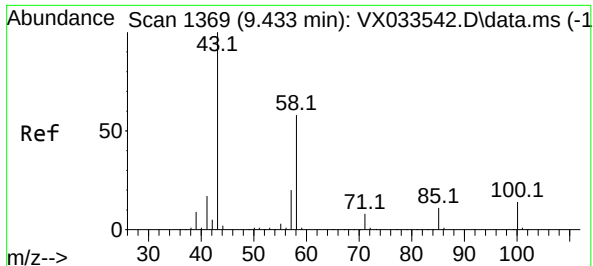
164 100

129 97.1 65.6 121.8

131 96.4 63.5 117.9

166 128.0 88.1 163.7





#48

2-Hexanone

Concen: 97.924 ug/L

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 43 Resp: 149666

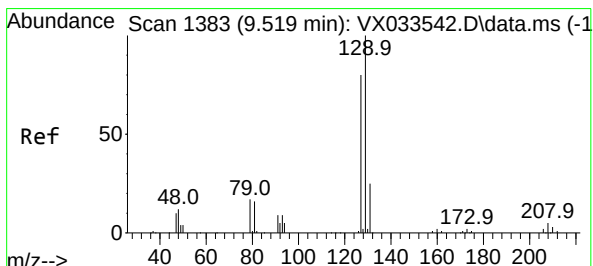
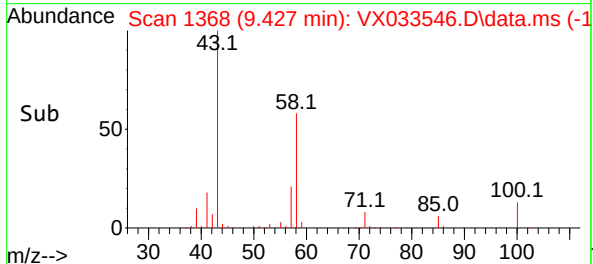
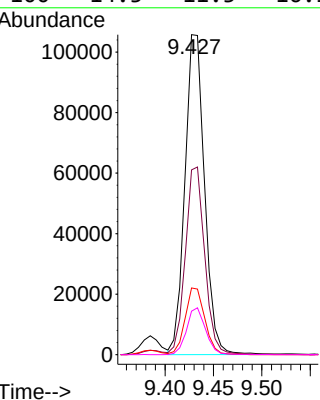
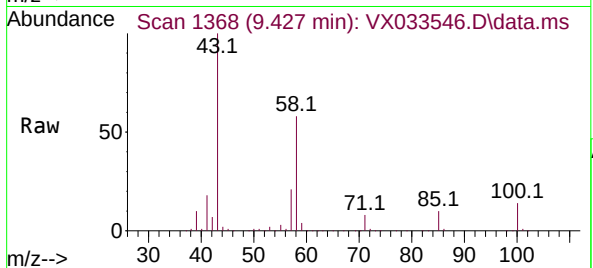
Ion Ratio Lower Upper

43 100

58 57.9 44.6 66.8

57 20.9 16.4 24.6

100 14.3 11.3 16.9



#49

Dibromochloromethane

Concen: 46.448 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033546.D

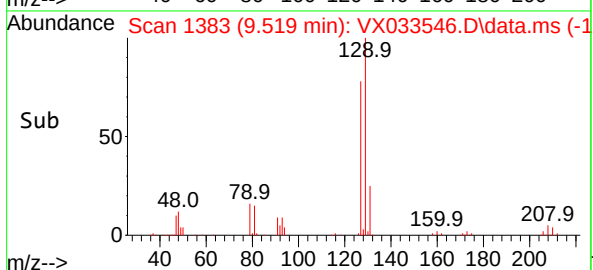
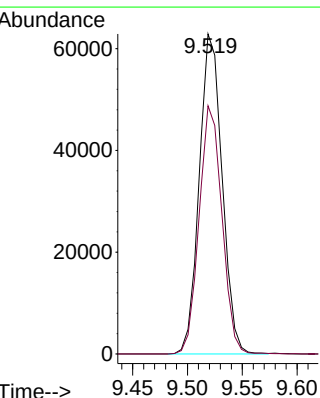
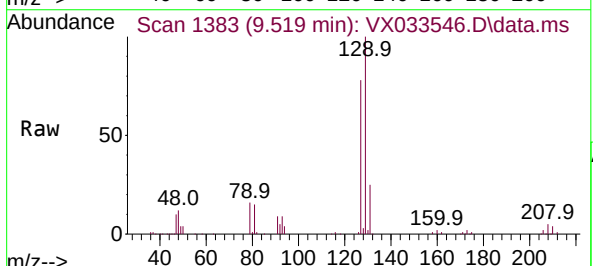
Acq: 22 Dec 2022 15:38

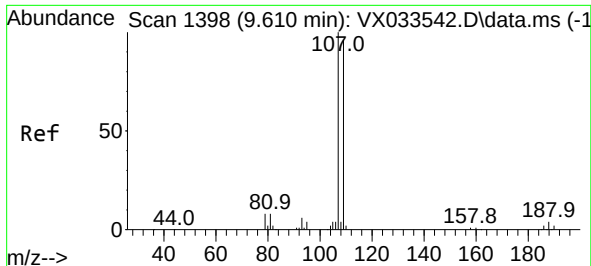
Tgt Ion:129 Resp: 91234

Ion Ratio Lower Upper

129 100

127 77.6 55.8 103.6

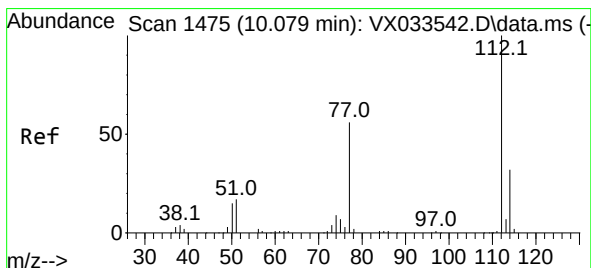
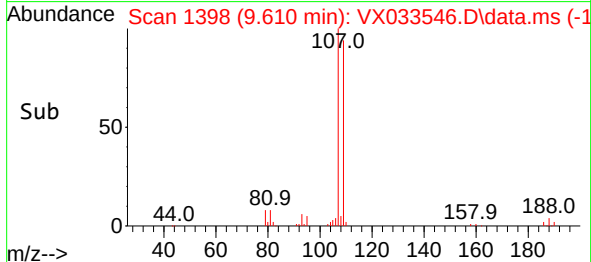
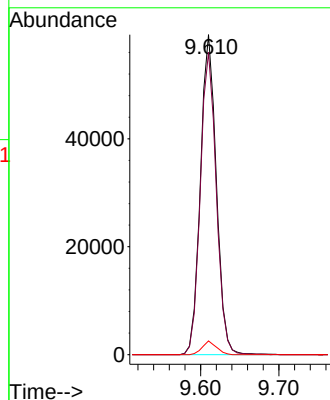
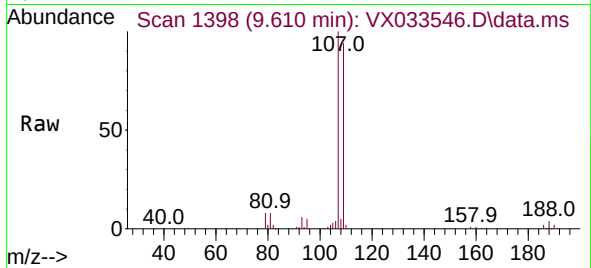




#50  
1,2-Dibromoethane  
Concen: 46.095 ug/L  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

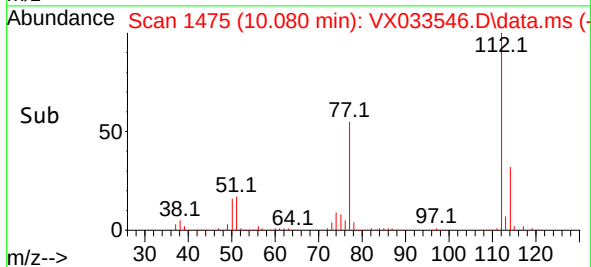
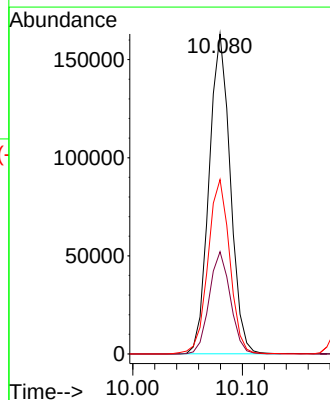
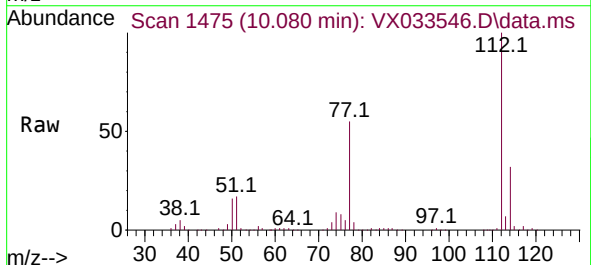
Instrument :  
MSVOA\_X  
ClientSampleId :

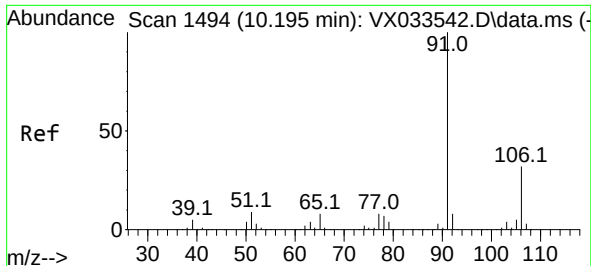
Tgt Ion:107 Resp: 83693  
Ion Ratio Lower Upper  
107 100  
109 94.4 67.5 125.3  
188 4.3 3.0 4.4



#51  
Chlorobenzene  
Concen: 46.374 ug/L  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion:112 Resp: 219155  
Ion Ratio Lower Upper  
112 100  
114 32.0 22.1 41.1  
77 54.5 45.0 67.4

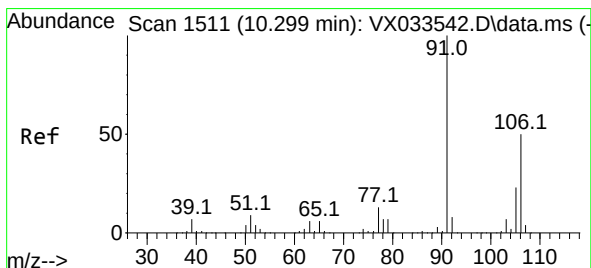
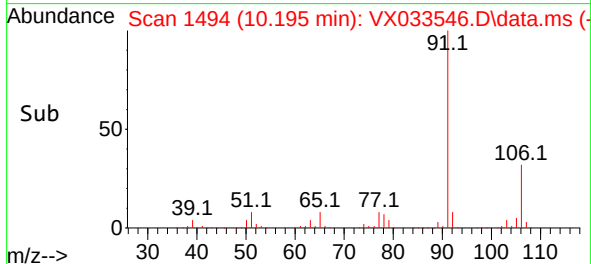
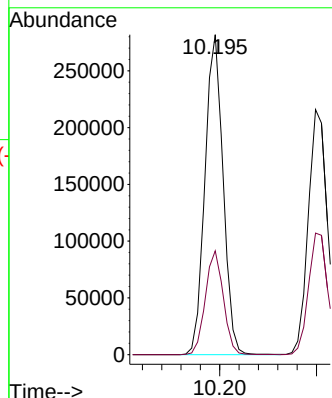
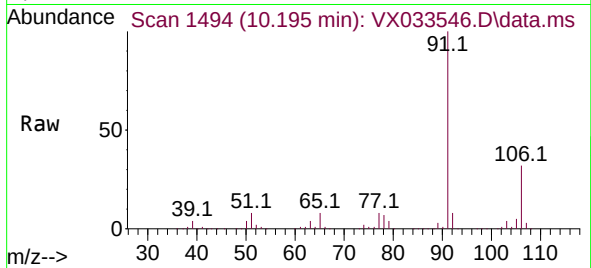




#52  
Ethylbenzene  
Concen: 47.168 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

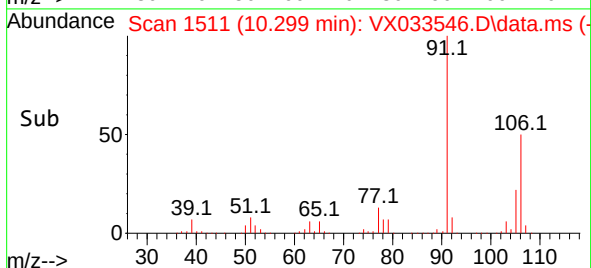
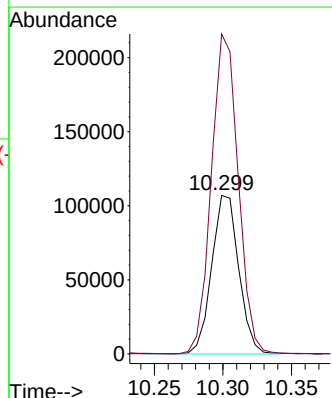
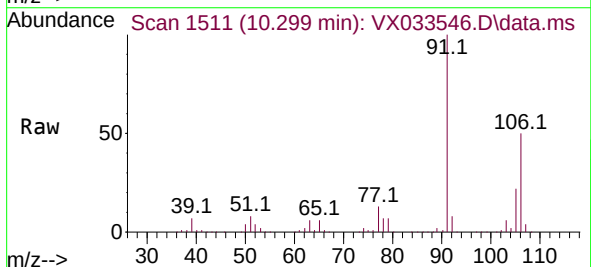
Instrument :  
MSVOA\_X  
ClientSampleId :

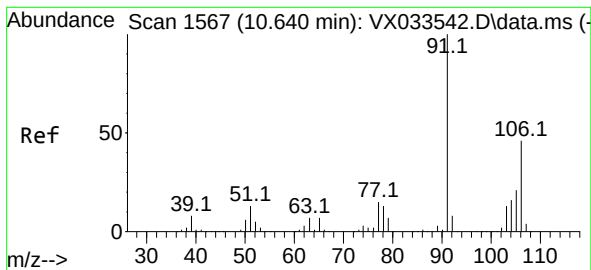
Tgt Ion: 91 Resp: 368013  
Ion Ratio Lower Upper  
91 100  
106 32.5 22.5 41.7



#53  
m,p-Xylene  
Concen: 47.213 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 106 Resp: 146922  
Ion Ratio Lower Upper  
106 100  
91 201.7 140.4 260.8





#54

o-Xylene

Concen: 46.593 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

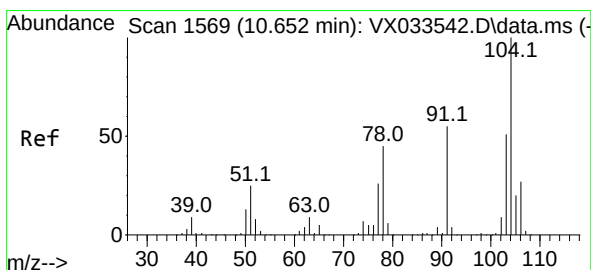
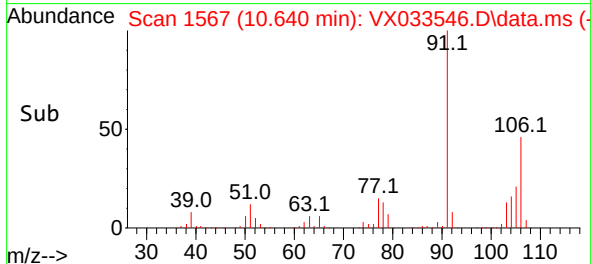
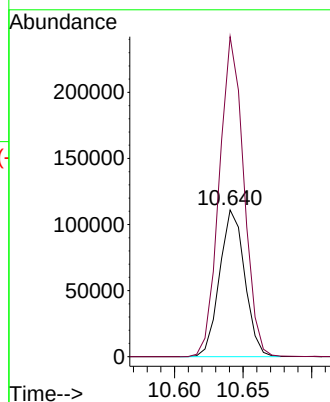
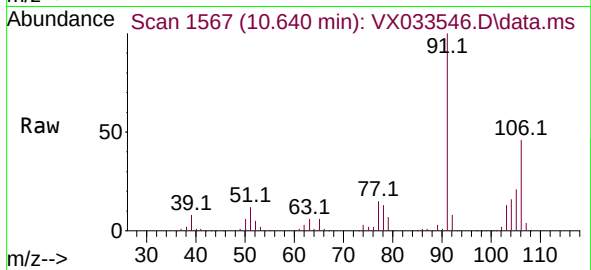
ClientSampleId :

Tgt Ion:106 Resp: 141808

Ion Ratio Lower Upper

106 100

91 218.1 150.6 279.6



#55

Styrene

Concen: 47.821 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033546.D

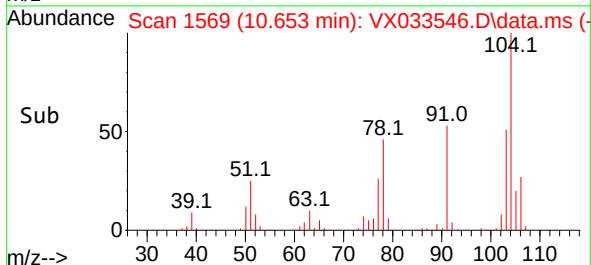
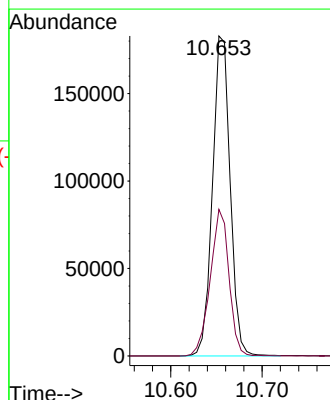
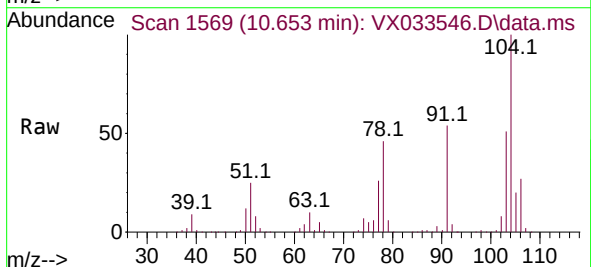
Acq: 22 Dec 2022 15:38

Tgt Ion:104 Resp: 245290

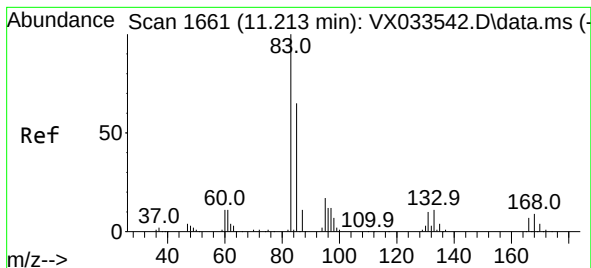
Ion Ratio Lower Upper

104 100

78 45.8 31.7 58.9



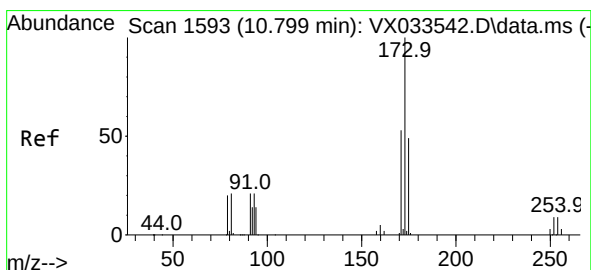
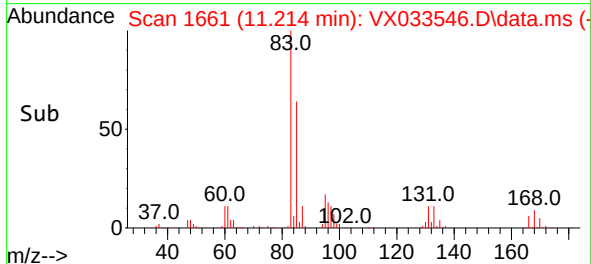
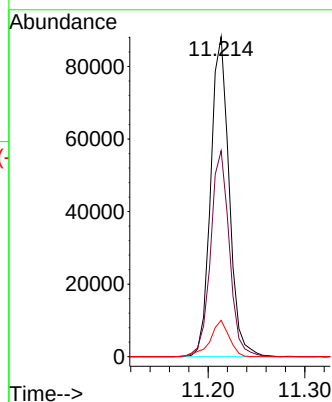
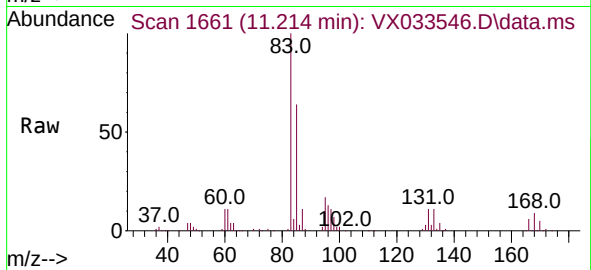




#57  
1,1,2,2-Tetrachloroethane  
Concen: 47.533 ug/L  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

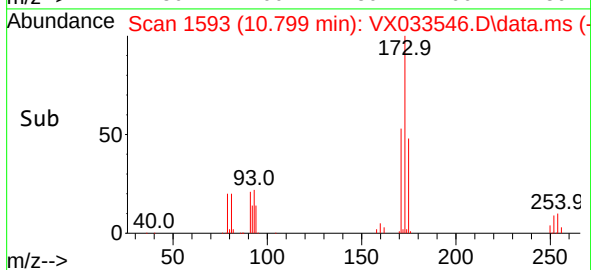
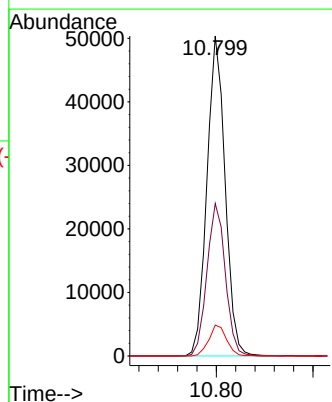
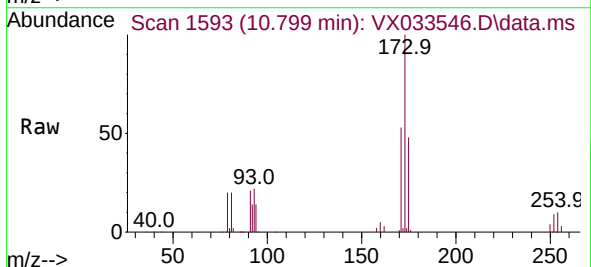
Instrument :  
MSVOA\_X  
ClientSampleId :

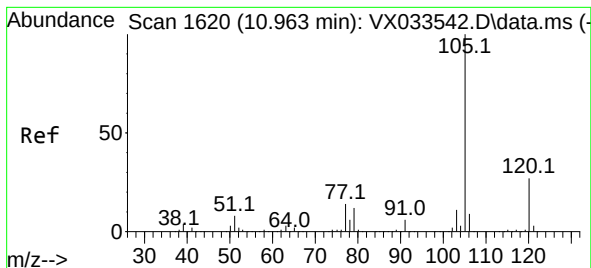
Tgt Ion: 83 Resp: 116908  
Ion Ratio Lower Upper  
83 100  
85 64.4 45.6 84.8  
131 11.3 8.4 12.6



#59  
Bromoform  
Concen: 46.764 ug/L  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion: 173 Resp: 65876  
Ion Ratio Lower Upper  
173 100  
175 48.2 38.9 58.3  
254 9.5 7.2 10.8





#60

Isopropylbenzene

Concen: 47.752 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

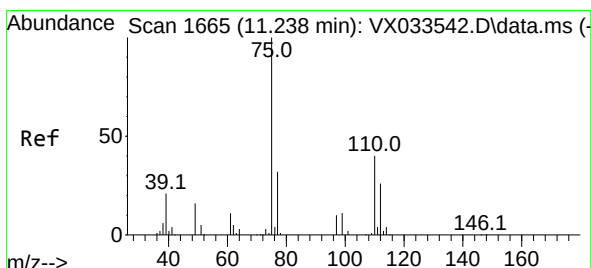
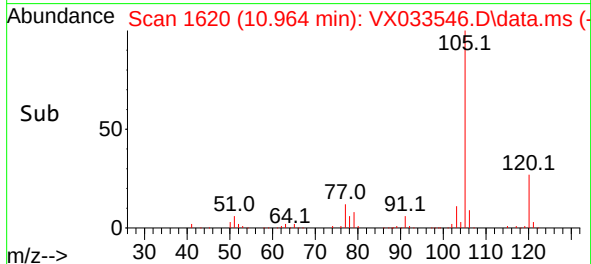
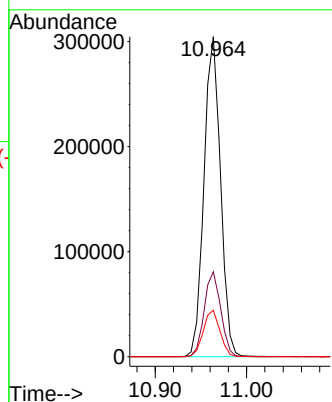
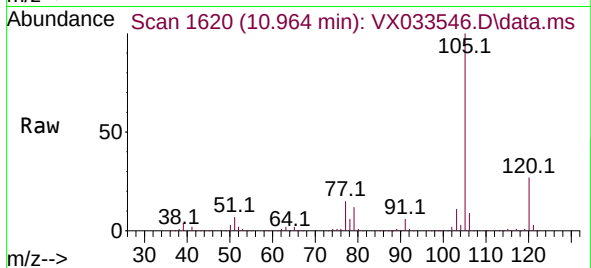
Tgt Ion:105 Resp: 381984

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4

77 14.7 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 46.334 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

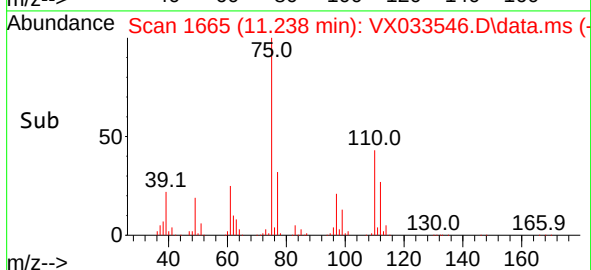
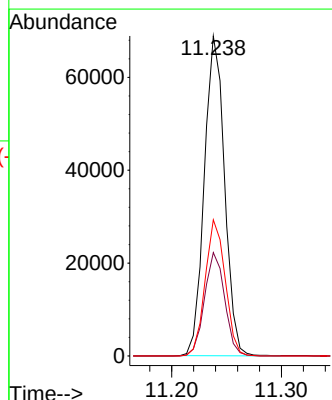
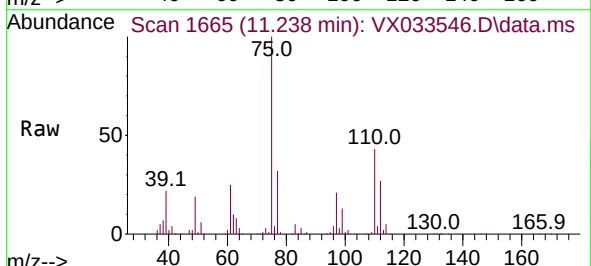
Tgt Ion: 75 Resp: 88287

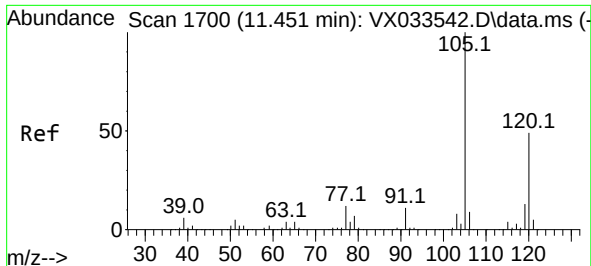
Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

110 42.2 33.6 50.4

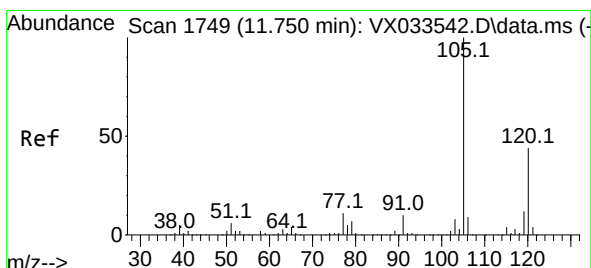
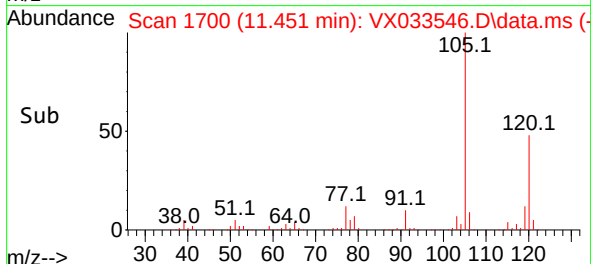
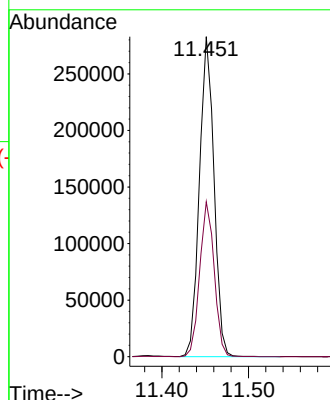
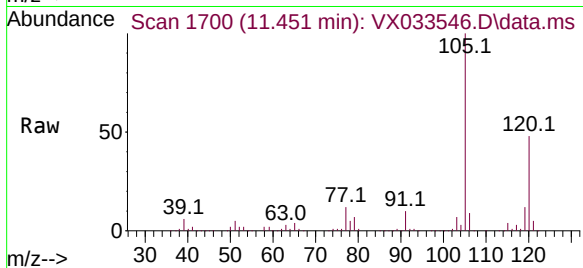




#62  
 1,3,5-Trimethylbenzene  
 Concen: 48.580 ug/L  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

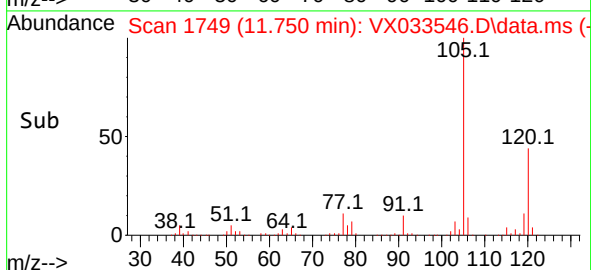
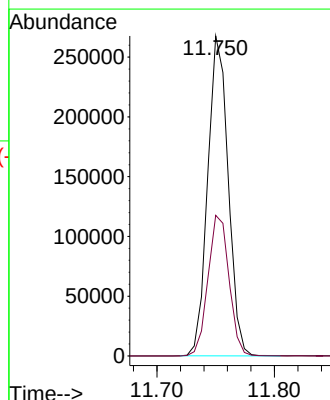
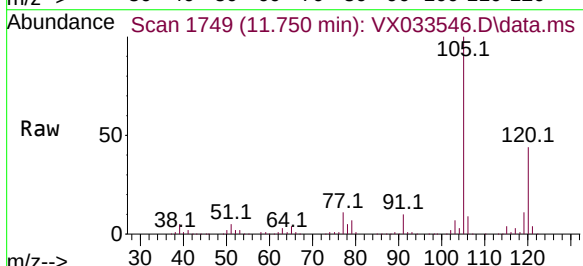
Instrument :  
 MSVOA\_X  
 ClientSampleId :

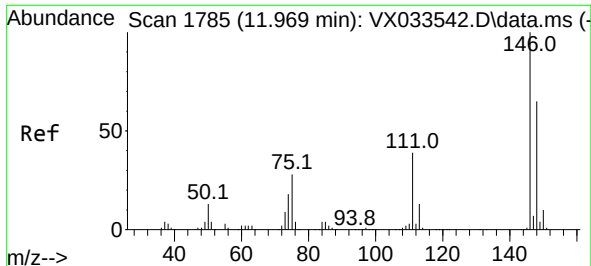
Tgt Ion:105 Resp: 330111  
 Ion Ratio Lower Upper  
 105 100  
 120 48.3 38.8 58.2



#63  
 1,2,4-Trimethylbenzene  
 Concen: 48.467 ug/L  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX033546.D  
 Acq: 22 Dec 2022 15:38

Tgt Ion:105 Resp: 323798  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 35.8 53.6

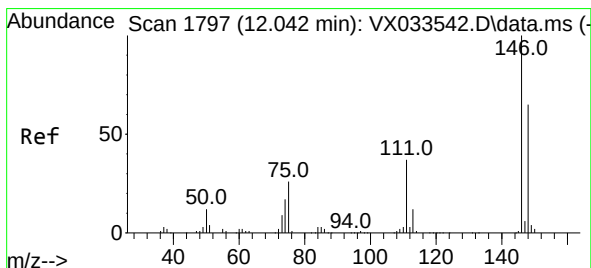
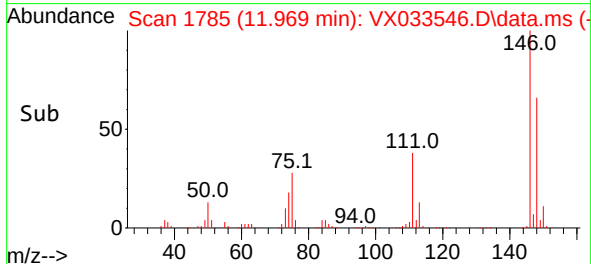
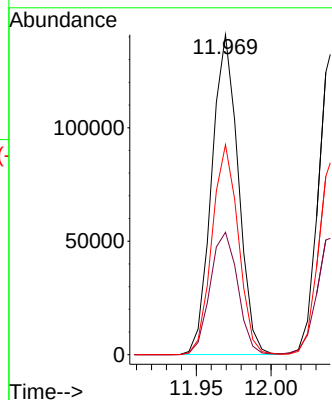
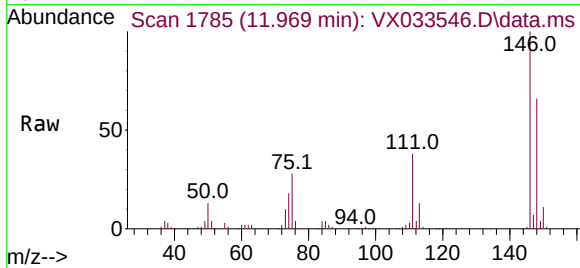




#64  
1,3-Dichlorobenzene  
Concen: 47.634 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

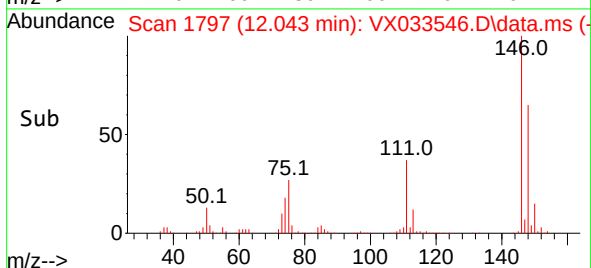
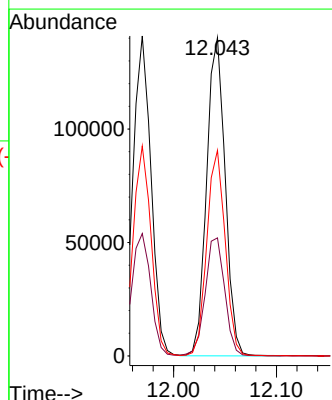
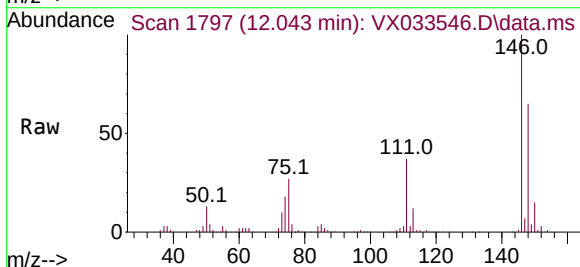
Instrument :  
MSVOA\_X  
ClientSampleId :

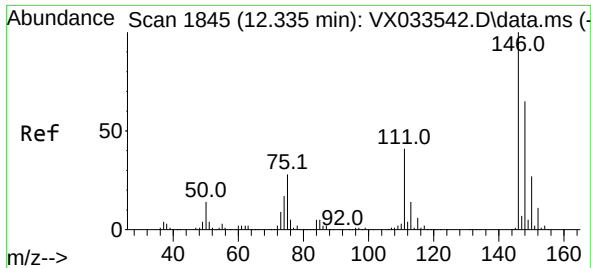
Tgt Ion:146 Resp: 174039  
Ion Ratio Lower Upper  
146 100  
111 38.2 27.6 51.2  
148 65.6 45.3 84.1



#65  
1,4-Dichlorobenzene  
Concen: 47.635 ug/L  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX033546.D  
Acq: 22 Dec 2022 15:38

Tgt Ion:146 Resp: 176055  
Ion Ratio Lower Upper  
146 100  
111 37.1 25.8 47.8  
148 64.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 47.248 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

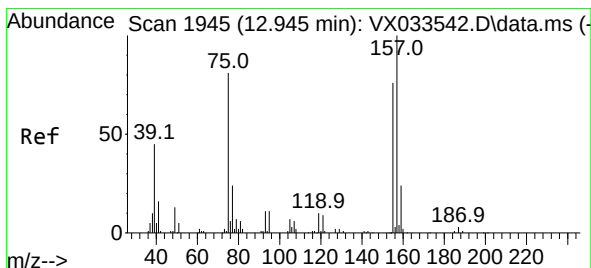
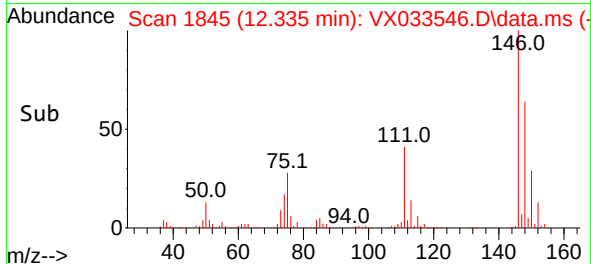
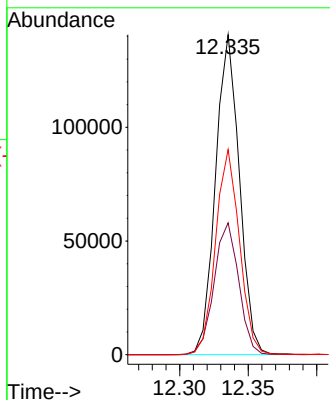
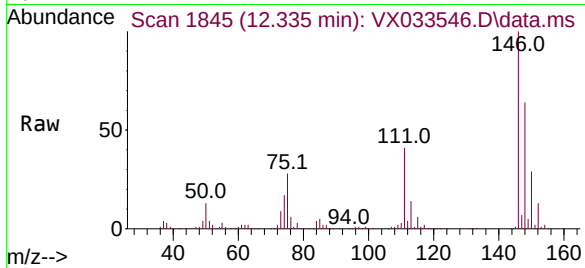
Tgt Ion:146 Resp: 170365

Ion Ratio Lower Upper

146 100

111 41.2 33.2 49.8

148 64.1 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 45.809 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

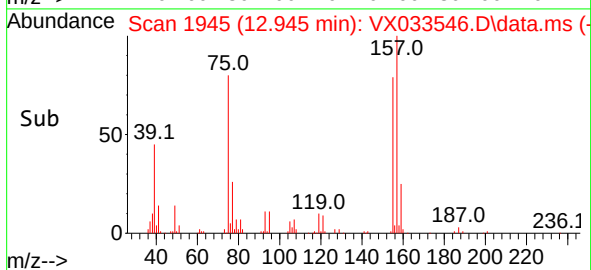
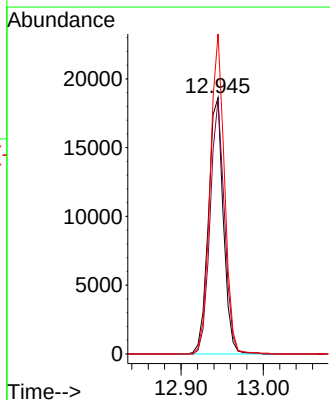
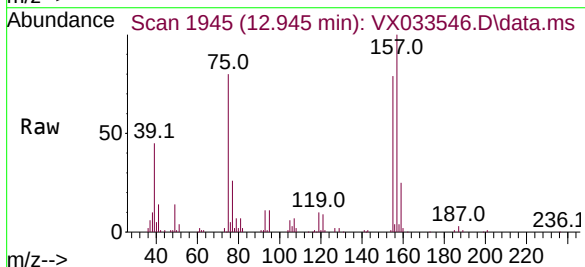
Tgt Ion: 75 Resp: 23465

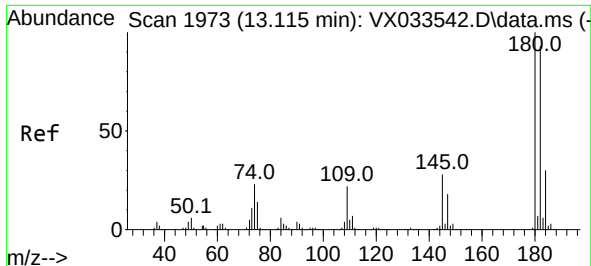
Ion Ratio Lower Upper

75 100

155 99.1 75.4 113.2

157 124.8 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 49.451 ug/L

RT: 13.110 min Scan# 1973

Delta R.T. -0.006 min

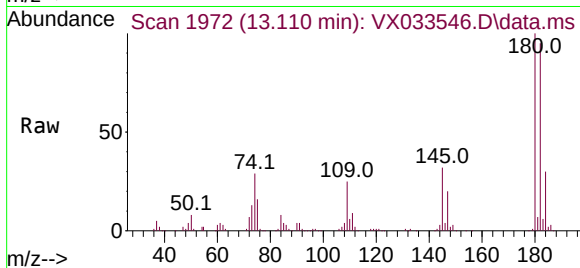
Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:180 Resp: 120896

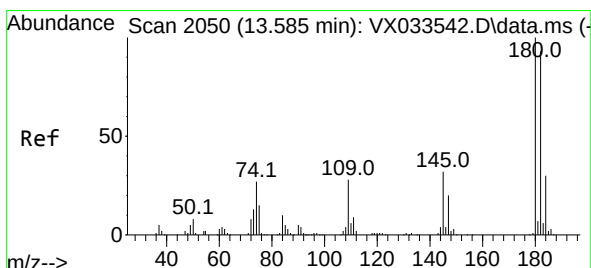
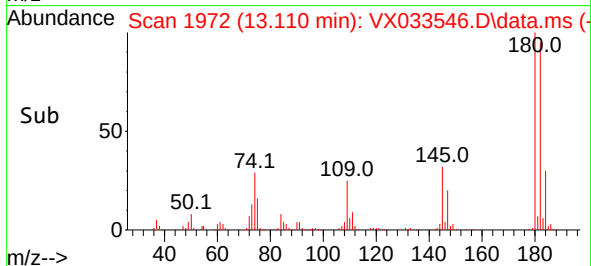
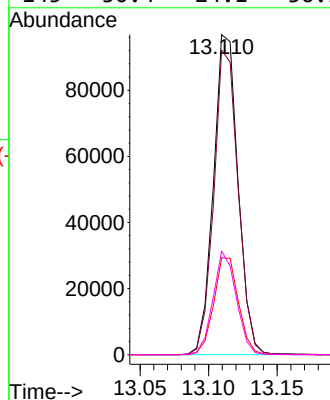
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

184 30.4 24.0 36.0

145 30.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 48.875 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

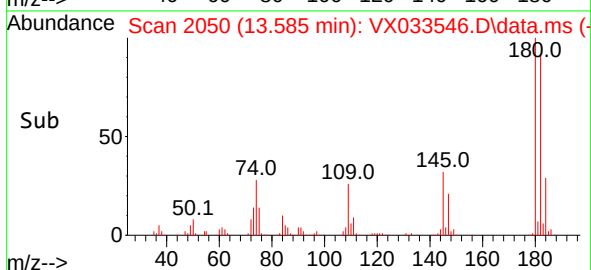
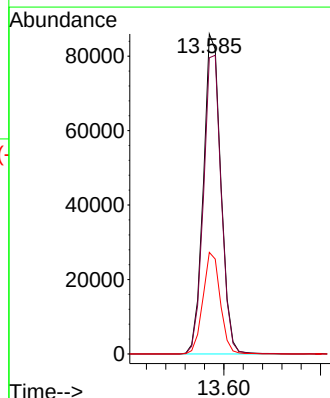
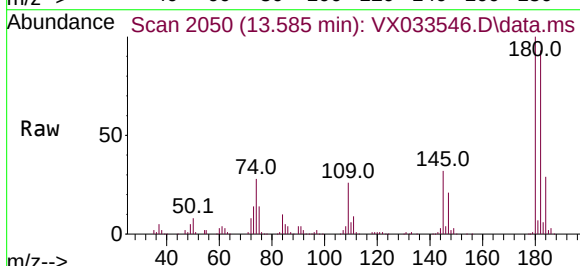
Tgt Ion:180 Resp: 108230

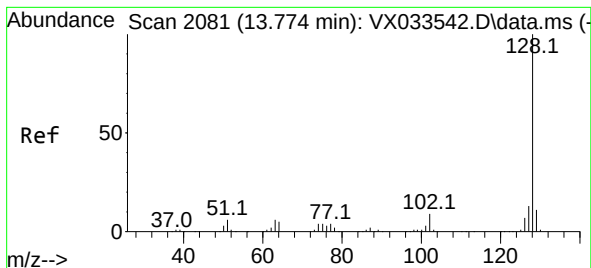
Ion Ratio Lower Upper

180 100

182 94.6 76.6 115.0

145 31.3 25.2 37.8





#71

Naphthalene

Concen: 48.638 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Instrument :

MSVOA\_X

ClientSampleId :

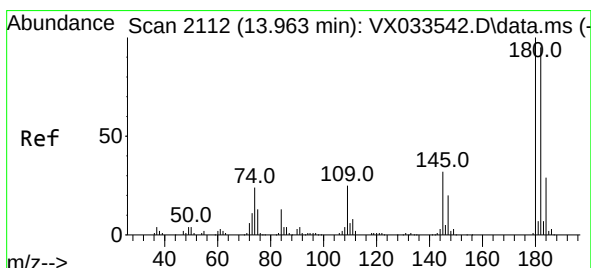
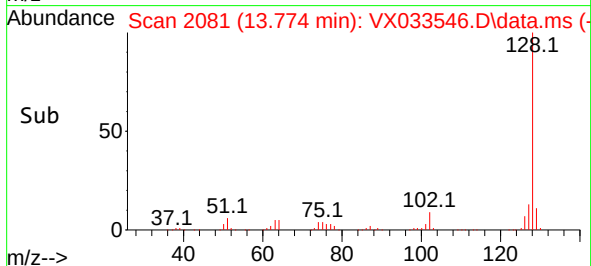
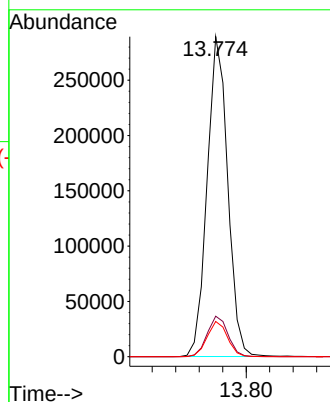
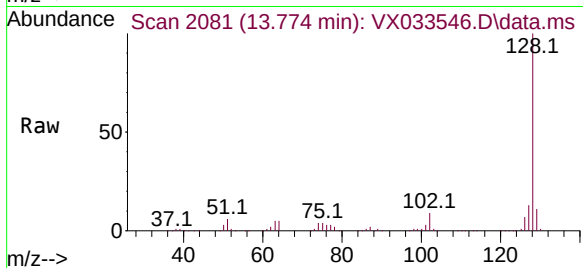
Tgt Ion:128 Resp: 351895

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.156 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033546.D

Acq: 22 Dec 2022 15:38

Tgt Ion:180 Resp: 106416

Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 33.8 26.2 39.4

