

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042722\  
 Data File : VU048326.D  
 Acq On : 27 Apr 2022 19:44  
 Operator : SY/MD  
 Sample : N2587-05MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET1MSD

Quant Time: Apr 28 04:41:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 28 04:33:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 411922     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 440542     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 266835     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 165127     | 43.593   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 87.180%  |        |          |
| 7) Chloroethane-d5            | 1.887          | 69   | 128169     | 48.204   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 275669     | 45.420   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.840%  |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 332387     | 102.883  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.880% |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 317253     | 46.175   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.360%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 192756     | 47.284   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.560%  |        |          |
| 32) Benzene-d6                | 5.729          | 84   | 660555     | 47.542   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.080%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 212855     | 46.339   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.680%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 631834     | 50.169   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.340% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 106222     | 52.407   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 104.820% |        |          |
| 47) 2-Hexanone-d5             | 8.635          | 63   | 311633     | 125.747  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 125.750% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 393867     | 48.891   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.780%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 297927     | 49.633   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.260%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.382          | 85   | 127866     | 41.080   | ug/L   | 100      |
| 3) Chloromethane              | 1.523          | 50   | 134836     | 37.848   | ug/L   | 99       |
| 5) Vinyl chloride             | 1.607          | 62   | 207294     | 57.741   | ug/L # | 44       |
| 6) Bromomethane               | 1.829          | 94   | 33504      | 20.306   | ug/L   | 100      |
| 8) Chloroethane               | 1.909          | 64   | 96637      | 47.605   | ug/L   | 92       |
| 9) Trichlorofluoromethane     | 2.124          | 101  | 218212     | 46.640   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575          | 101  | 137874     | 44.432   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.575          | 96   | 127761     | 47.168   | ug/L   | 96       |
| 13) Acetone                   | 2.626          | 43   | 219420     | 105.792  | ug/L   | 98       |
| 14) Carbon disulfide          | 2.790          | 76   | 331554     | 50.224   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.944          | 43   | 195098     | 47.386   | ug/L   | 97       |
| 16) Methylene chloride        | 3.044          | 84   | 167850     | 48.066   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 3.349          | 96   | 139999     | 49.754   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 3.362          | 73   | 498413     | 53.684   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.867          | 63   | 287580     | 48.874   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.665          | 96   | 179376     | 52.885   | ug/L   | 98       |
| 22) 2-Butanone                | 4.700          | 43   | 366273     | 119.424  | ug/L   | 97       |
| 23) Bromochloromethane        | 4.973          | 128  | 93260      | 49.249   | ug/L   | 96       |
| 25) Chloroform                | 5.086          | 83   | 303565     | 50.522   | ug/L   | 98       |

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 Operator : SY/MD  
 Sample : N2587-05MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

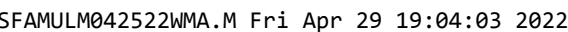
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET1MSD

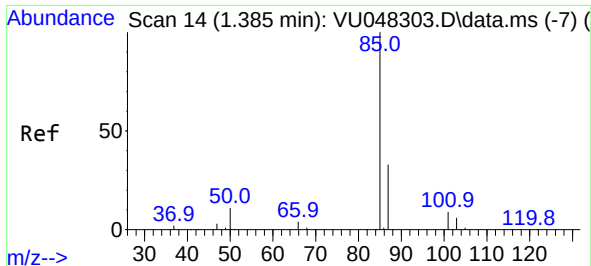
Quant Time: Apr 28 04:41:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 28 04:33:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.790  | 62   | 345534   | 78.840   | ug/L # | 93       |
| 29) Cyclohexane               | 5.388  | 56   | 218180   | 52.417   | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 5.314  | 97   | 241679   | 48.512   | ug/L   | 100      |
| 31) Carbon tetrachloride      | 5.523  | 117  | 204542   | 48.172   | ug/L   | 100      |
| 33) Benzene                   | 5.774  | 78   | 15311887 | 1173.929 | ug/L   | 100      |
| 34) Trichloroethene           | 6.542  | 95   | 175476   | 54.887   | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.761  | 83   | 249143   | 55.507   | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.790  | 63   | 178390   | 48.070   | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.105  | 83   | 226736   | 48.380   | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.607  | 75   | 270398   | 51.817   | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.793  | 43   | 697624   | 124.638  | ug/L   | 98       |
| 42) Toluene                   | 7.970  | 91   | 2803195  | 204.701  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 262287   | 51.450   | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 192907   | 49.546   | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.552  | 164  | 130363   | 47.511   | ug/L   | 98       |
| 48) 2-Hexanone                | 8.687  | 43   | 554427   | 118.619  | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.812  | 129  | 215397   | 50.345   | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 199666   | 50.569   | ug/L   | 95       |
| 51) Chlorobenzene             | 9.449  | 112  | 14397354 | 1458.583 | ug/L   | 93       |
| 52) Ethylbenzene              | 9.571  | 91   | 873784   | 61.612   | ug/L   | 100      |
| 53) m,p-Xylene                | 9.693  | 106  | 375941   | 67.174   | ug/L   | 99       |
| 54) o-Xylene                  | 10.102 | 106  | 372852   | 66.132   | ug/L   | 100      |
| 55) Styrene                   | 10.115 | 104  | 552837   | 57.559   | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 395785   | 51.505   | ug/L   | 100      |
| 59) Bromoform                 | 10.291 | 173  | 192817   | 49.791   | ug/L   | 99       |
| 60) 1,2,3-Trichloropropane    | 10.825 | 75   | 305724   | 49.113   | ug/L   | 99       |
| 61) Isopropylbenzene          | 10.484 | 105  | 837549   | 56.138   | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 485044   | 61.682   | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 764993   | 63.276   | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 439191   | 52.507   | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene       | 11.838 | 146  | 450715   | 52.781   | ug/L   | 100      |
| 67) 1,2-Dichlorobenzene       | 12.214 | 146  | 489809   | 55.588   | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 105037   | 63.208   | ug/L   | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.220 | 180  | 334362   | 53.796   | ug/L   | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 303067   | 61.721   | ug/L   | 99       |
| 71) Naphthalene               | 14.085 | 128  | 1093533  | 77.818   | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 303731   | 60.357   | ug/L   | 100      |

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

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QLast Update : Thu Apr 28 04:33:44 2022  
Response via : Initial Calibration

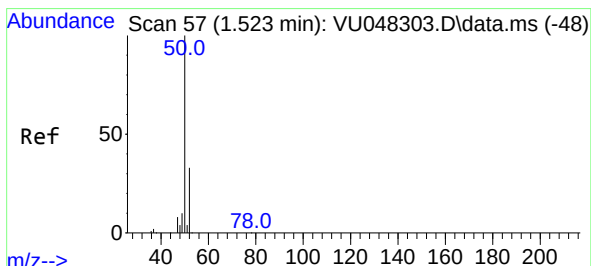
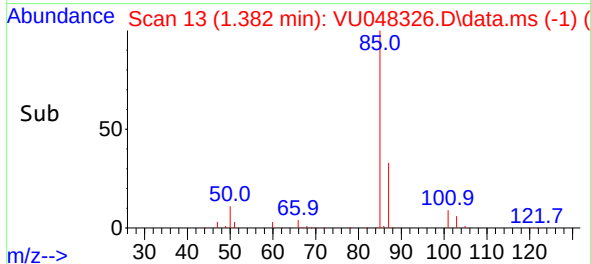
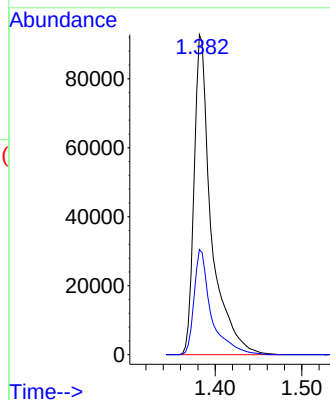
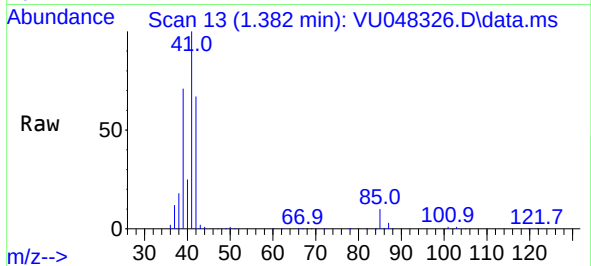




#2  
Dichlorodifluoromethane  
Concen: 41.080 ug/L  
RT: 1.382 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

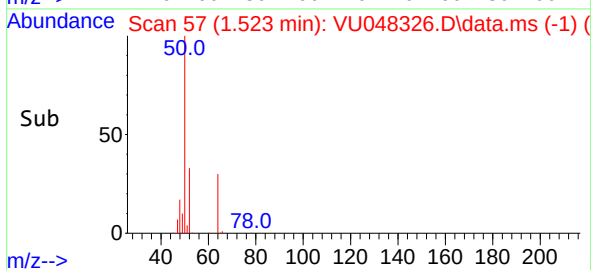
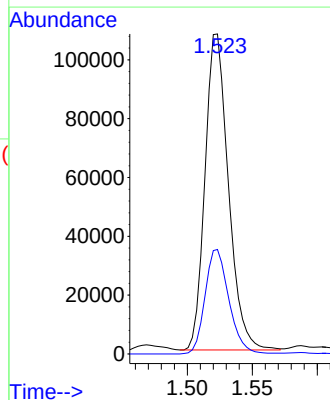
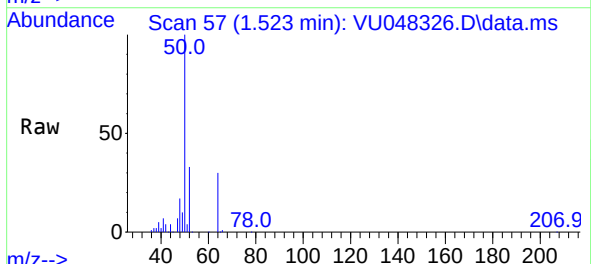
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

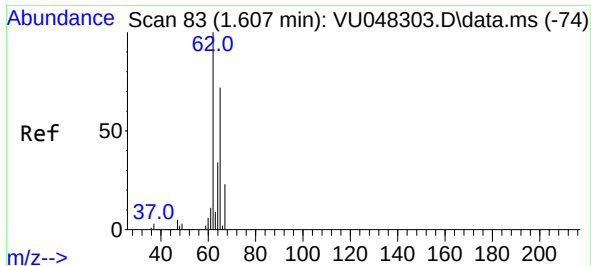
Tgt Ion: 85 Resp: 127866  
Ion Ratio Lower Upper  
85 100  
87 32.8 26.1 39.1



#3  
Chloromethane  
Concen: 37.848 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 50 Resp: 134836  
Ion Ratio Lower Upper  
50 100  
52 32.7 23.2 43.2

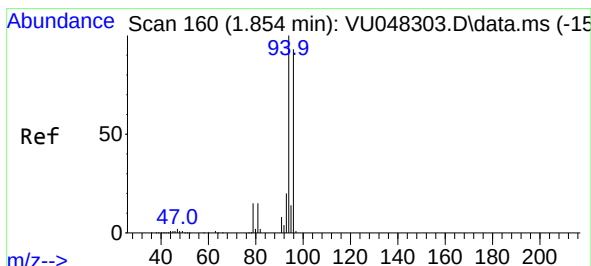
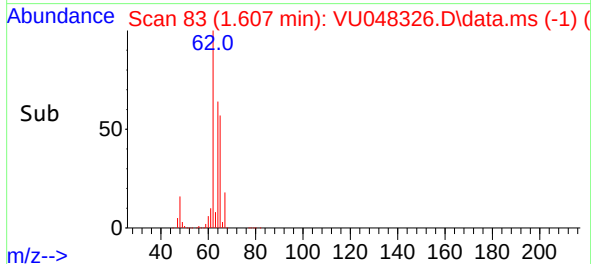
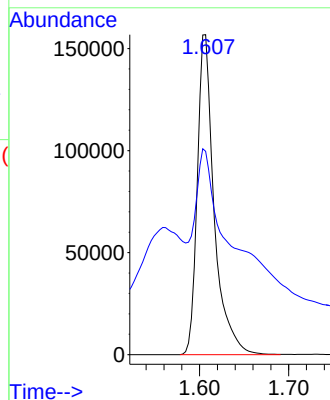
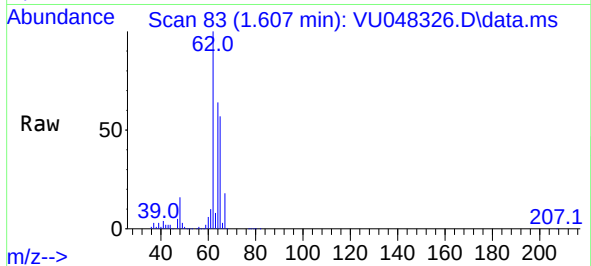




#5  
 Vinyl chloride  
 Concen: 57.741 ug/L  
 RT: 1.607 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VU048326.D  
 Acq: 27 Apr 2022 19:44

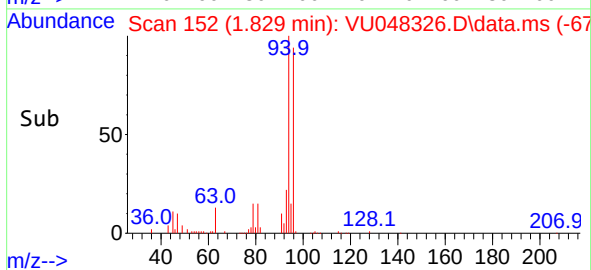
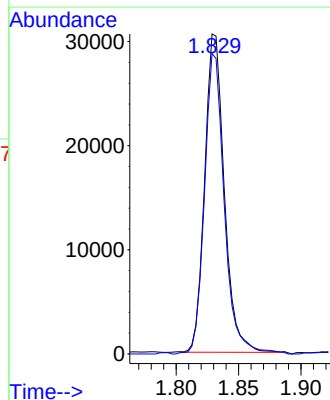
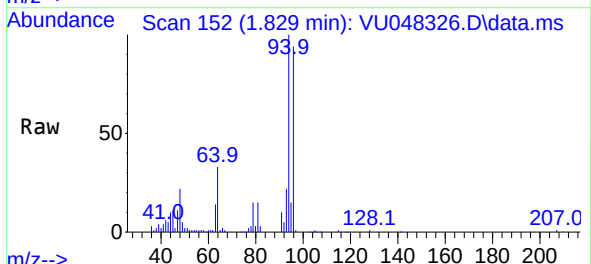
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXET1MSD

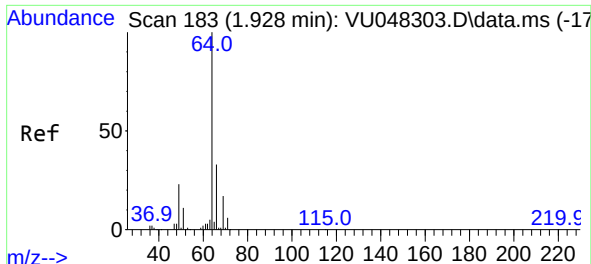
Tgt Ion: 62 Resp: 207294  
 Ion Ratio Lower Upper  
 62 100  
 64 63.6 22.5 41.7#



#6  
 Bromomethane  
 Concen: 20.306 ug/L  
 RT: 1.829 min Scan# 152  
 Delta R.T. -0.026 min  
 Lab File: VU048326.D  
 Acq: 27 Apr 2022 19:44

Tgt Ion: 94 Resp: 33504  
 Ion Ratio Lower Upper  
 94 100  
 96 93.8 65.8 122.2

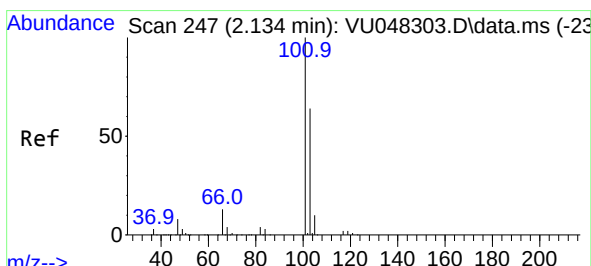
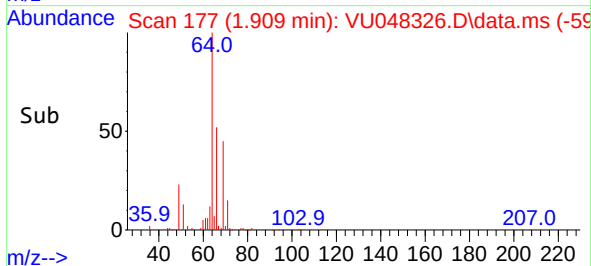
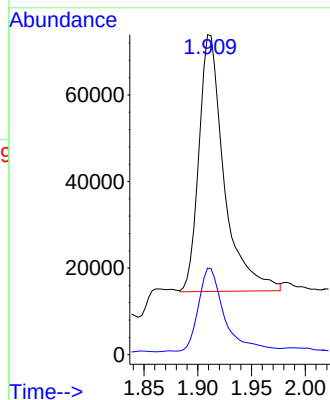
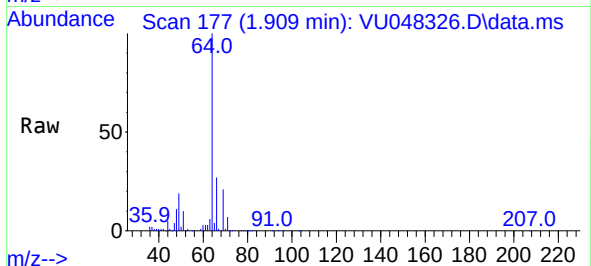




#8  
Chloroethane  
Concen: 47.605 ug/L  
RT: 1.909 min Scan# 11  
Delta R.T. -0.019 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

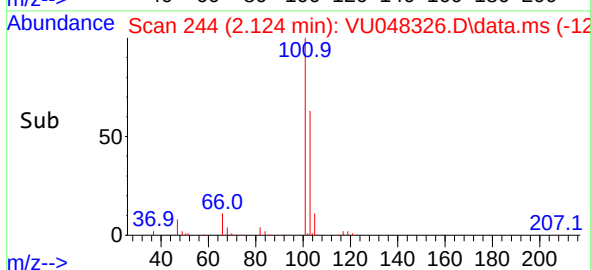
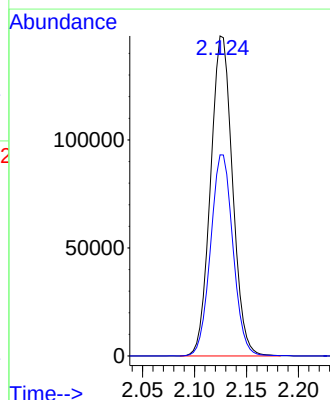
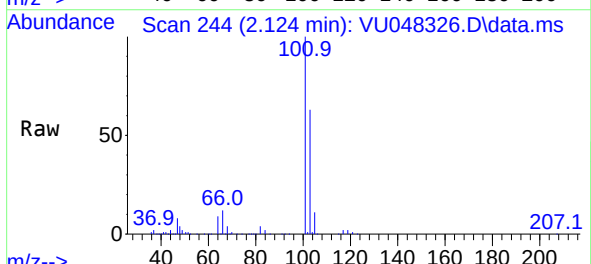
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

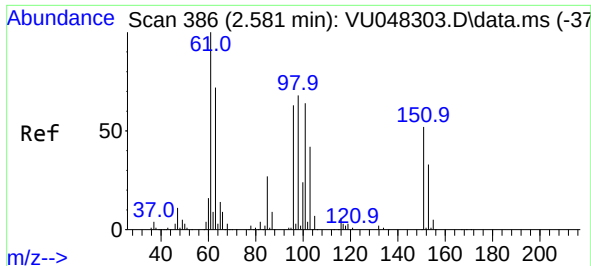
Tgt Ion: 64 Resp: 96637  
Ion Ratio Lower Upper  
64 100  
66 27.0 21.9 40.7



#9  
Trichlorofluoromethane  
Concen: 46.640 ug/L  
RT: 2.124 min Scan# 244  
Delta R.T. -0.010 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 101 Resp: 218212  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.9 77.9

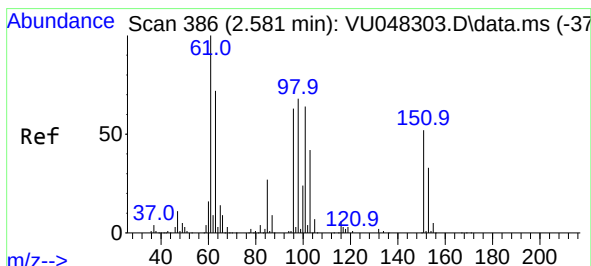
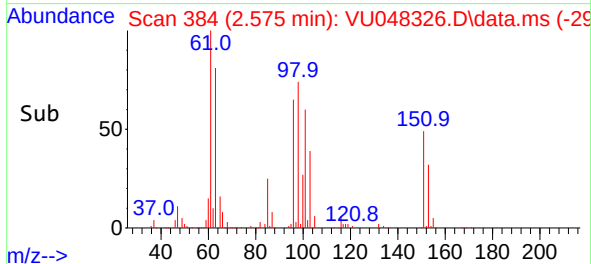
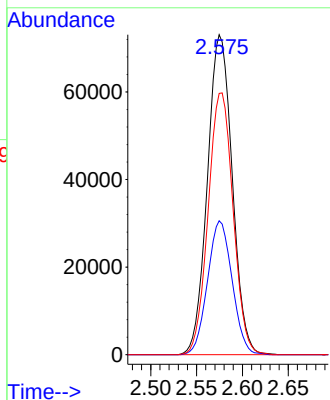
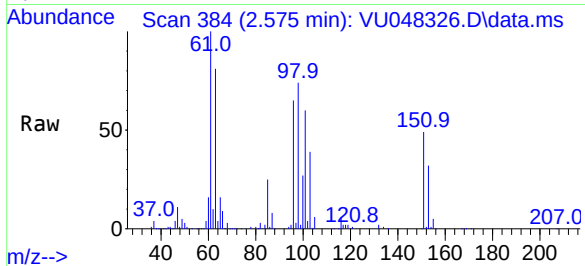




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 44.432 ug/L  
RT: 2.575 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

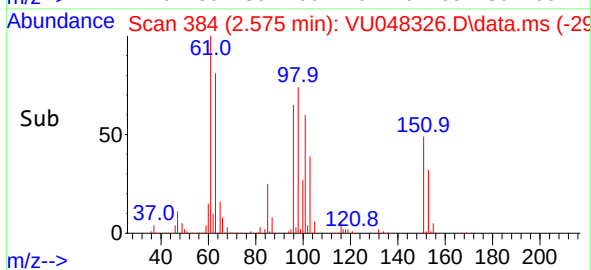
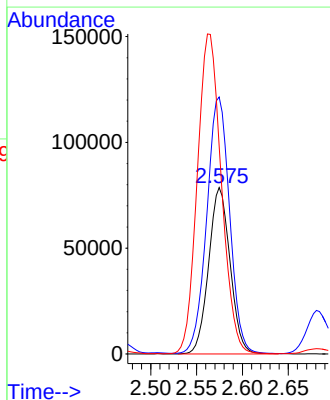
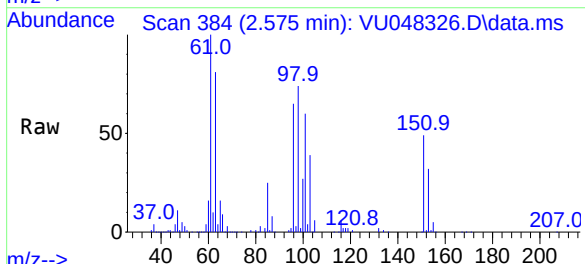
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

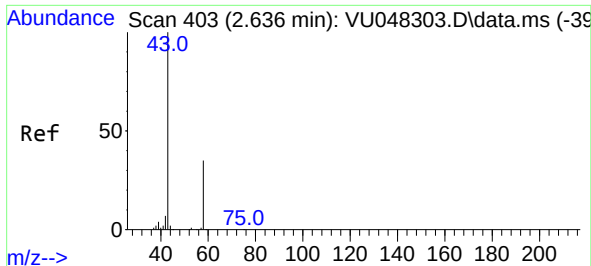
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Ion Ratio Lower Upper  
101 100  
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151 82.2 64.1 96.1



#12  
1,1-Dichloroethene  
Concen: 47.168 ug/L  
RT: 2.575 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 96 Resp: 127761  
Ion Ratio Lower Upper  
96 100  
61 154.5 107.9 200.3  
63 124.9 80.3 149.1

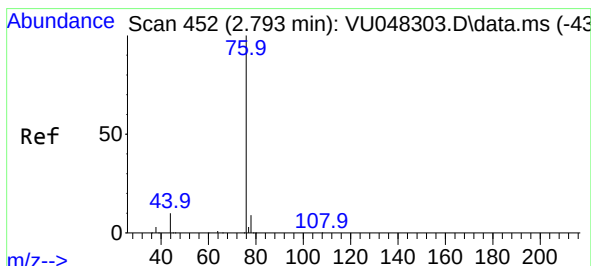
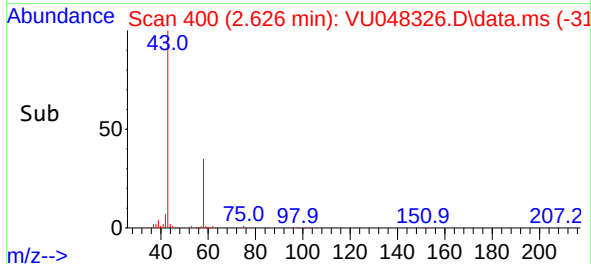
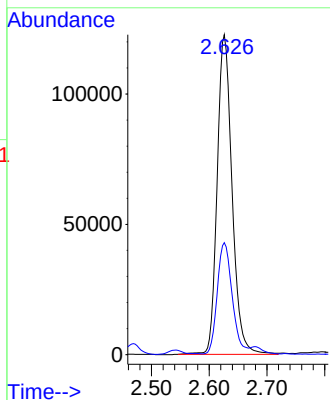
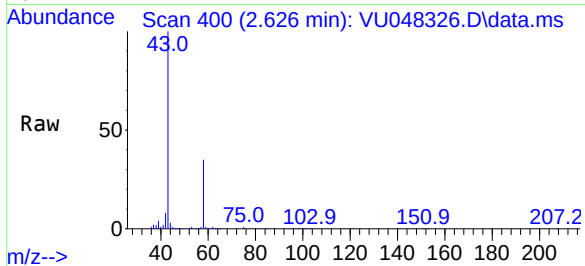




#13  
Acetone  
Concen: 105.792 ug/L  
RT: 2.626 min Scan# 403  
Delta R.T. -0.010 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

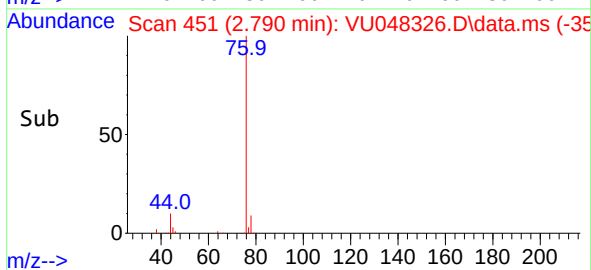
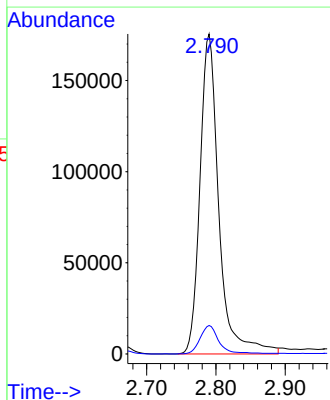
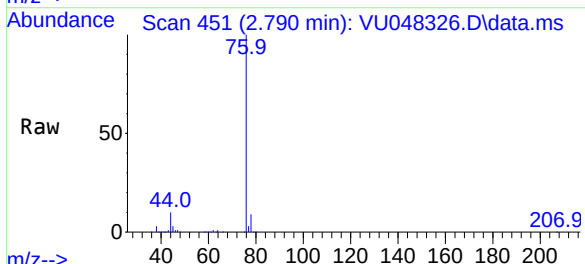
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

Tgt Ion: 43 Resp: 219420  
Ion Ratio Lower Upper  
43 100  
58 34.7 0.0 71.2

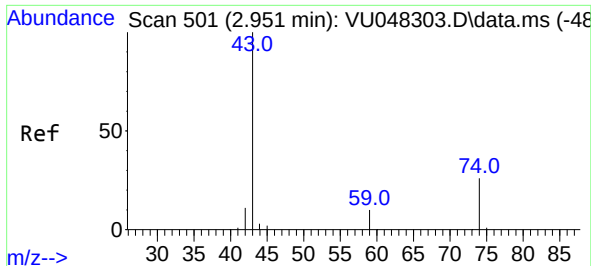


#14  
Carbon disulfide  
Concen: 50.224 ug/L  
RT: 2.790 min Scan# 451  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 76 Resp: 331554  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



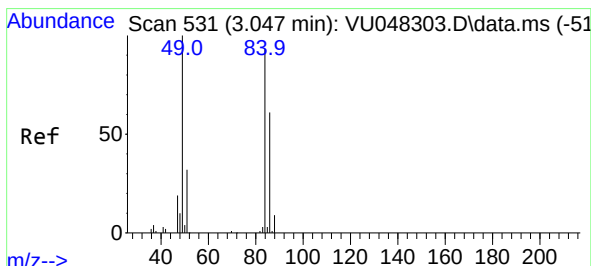
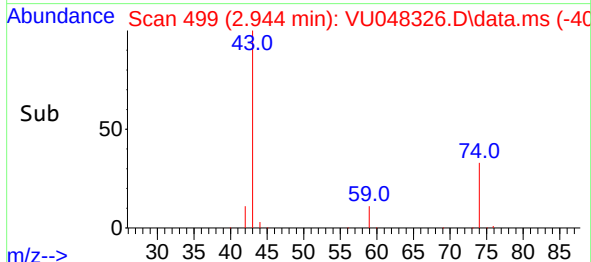
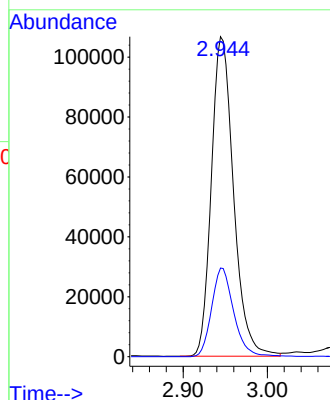
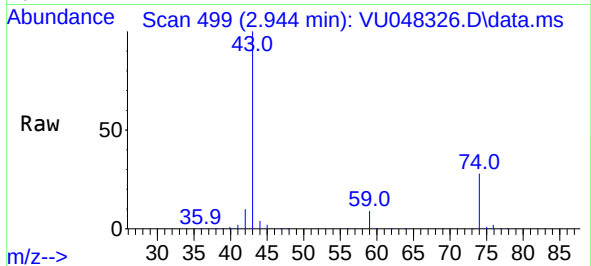




#15  
Methyl Acetate  
Concen: 47.386 ug/L  
RT: 2.944 min Scan# 499  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

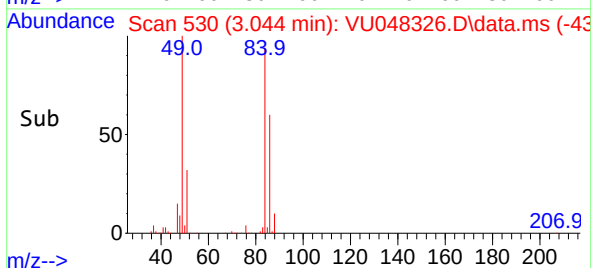
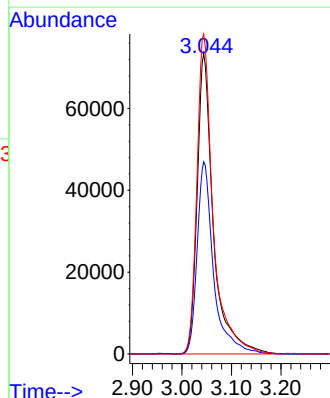
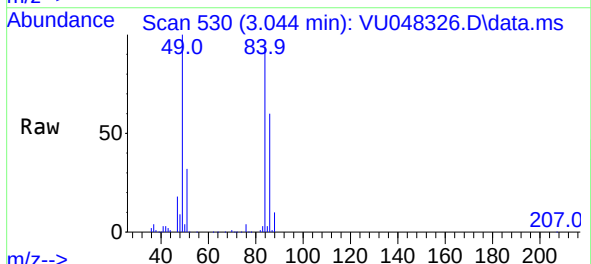
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

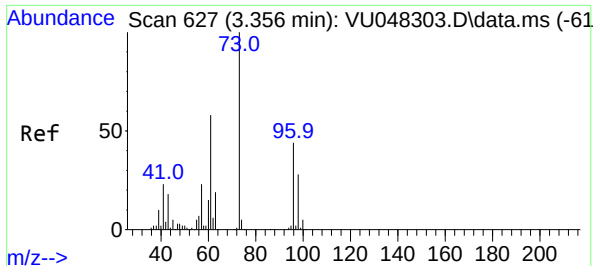
Tgt Ion: 43 Resp: 195098  
Ion Ratio Lower Upper  
43 100  
74 27.7 21.0 31.6



#16  
Methylene chloride  
Concen: 48.066 ug/L  
RT: 3.044 min Scan# 530  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 84 Resp: 167850  
Ion Ratio Lower Upper  
84 100  
86 63.9 45.4 84.2  
49 106.5 79.2 147.0

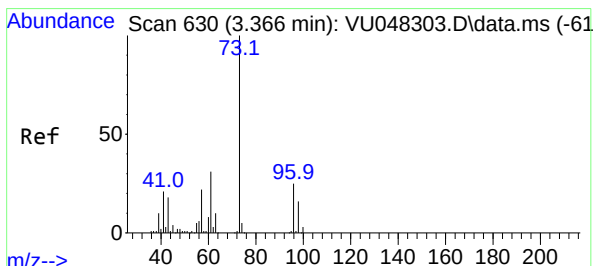
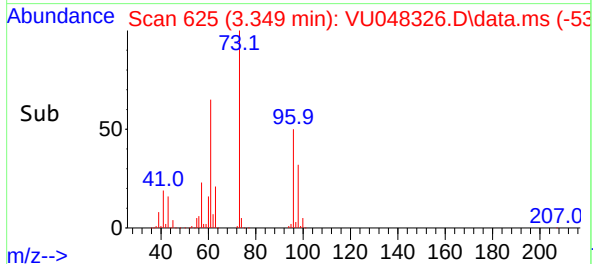
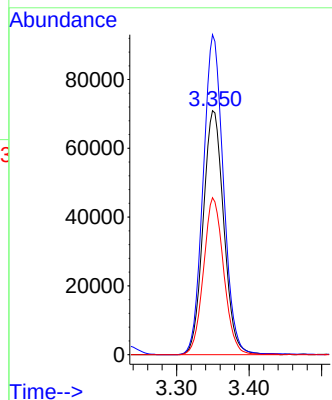
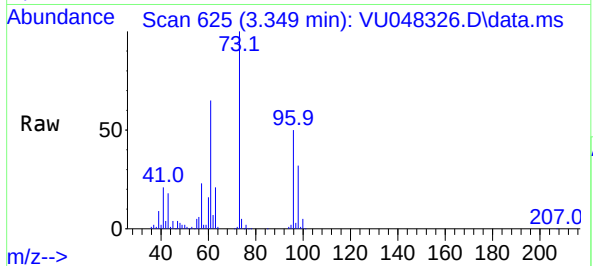




#17  
trans-1,2-Dichloroethene  
Concen: 49.754 ug/L  
RT: 3.349 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

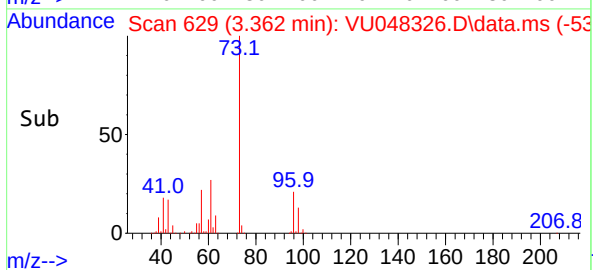
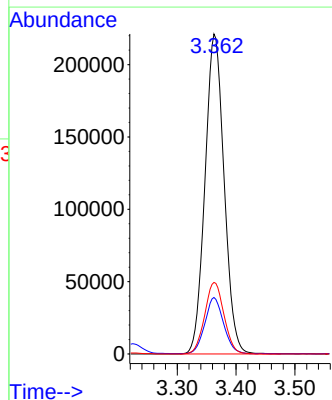
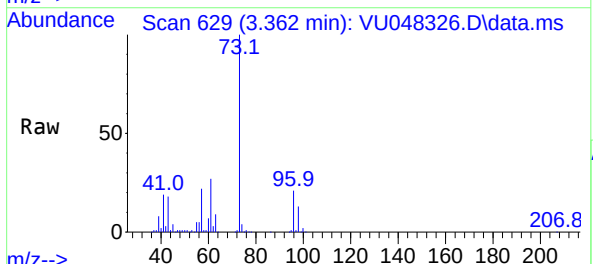
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

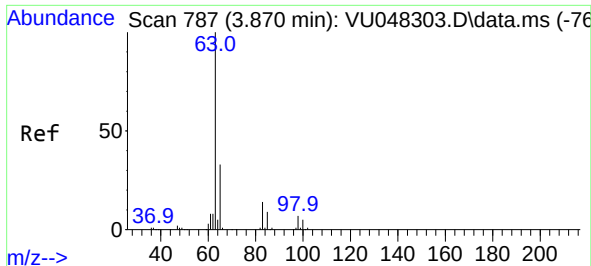
Tgt Ion: 96 Resp: 139999  
Ion Ratio Lower Upper  
96 100  
61 131.2 95.2 176.8  
98 64.3 44.7 83.1



#18  
Methyl tert-butyl Ether  
Concen: 53.684 ug/L  
RT: 3.362 min Scan# 629  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 73 Resp: 498413  
Ion Ratio Lower Upper  
73 100  
43 17.2 13.8 20.6  
57 22.6 17.9 26.9

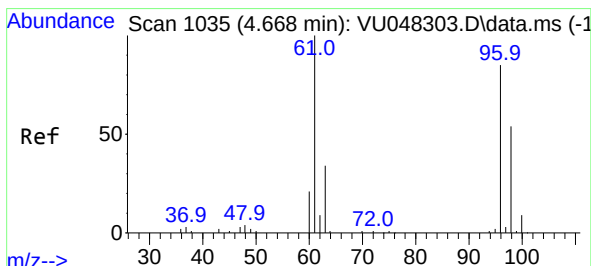
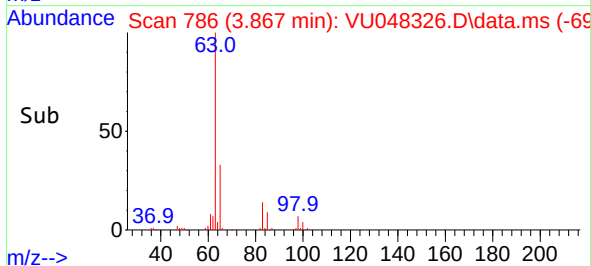
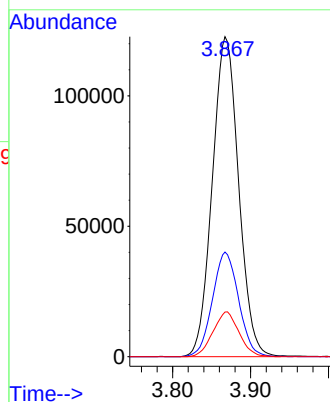
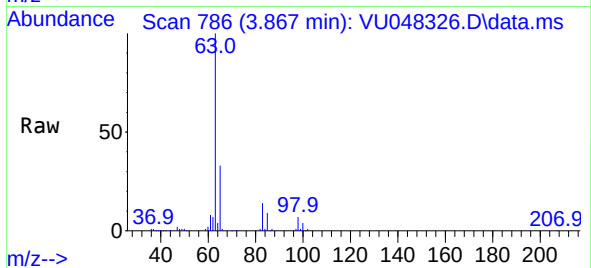




#19  
1,1-Dichloroethane  
Concen: 48.874 ug/L  
RT: 3.867 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

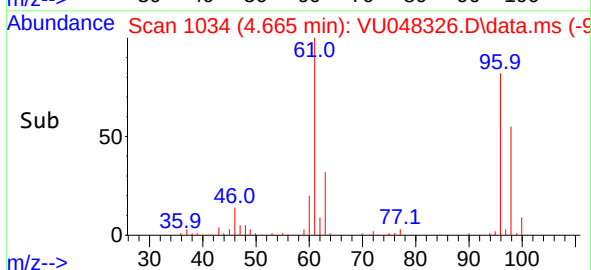
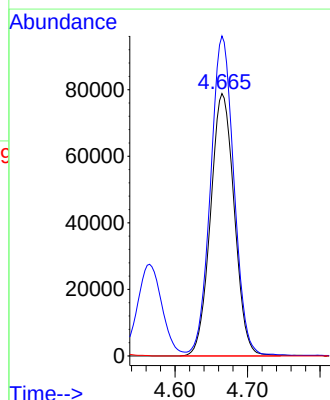
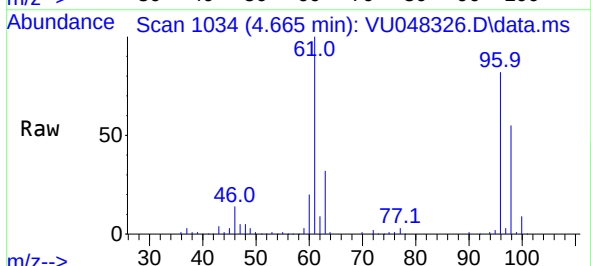
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

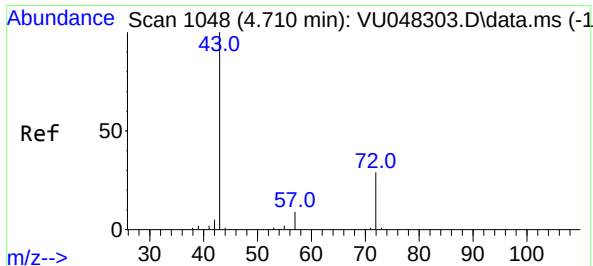
Tgt Ion: 63 Resp: 287580  
Ion Ratio Lower Upper  
63 100  
65 32.7 22.0 40.8  
83 13.9 8.8 16.4



#20  
cis-1,2-Dichloroethene  
Concen: 52.885 ug/L  
RT: 4.665 min Scan# 1034  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 96 Resp: 179376  
Ion Ratio Lower Upper  
96 100  
61 122.0 87.0 161.6  
68 0.0 0.0 0.0

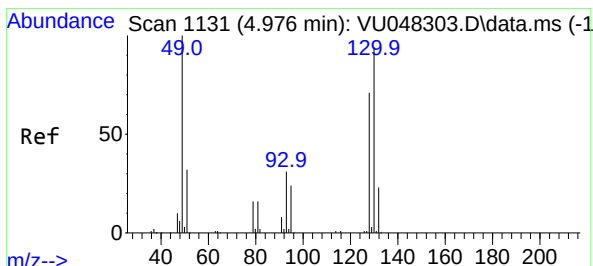
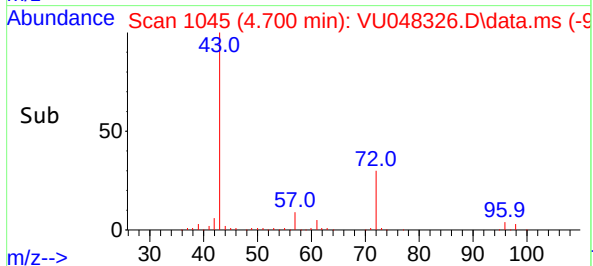
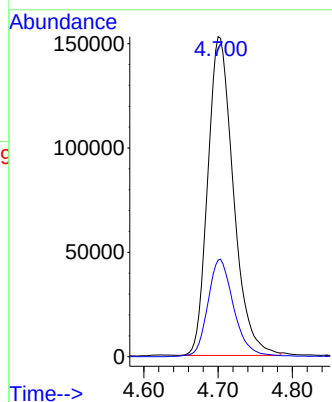
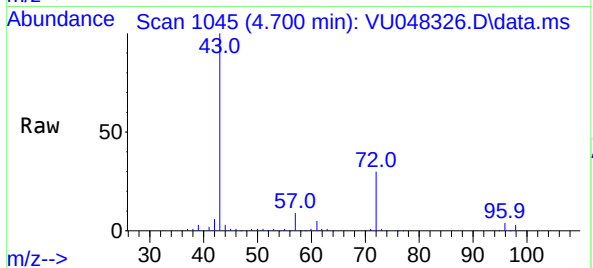




#22  
2-Butanone  
Concen: 119.424 ug/L  
RT: 4.700 min Scan# 1048  
Delta R.T. -0.010 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

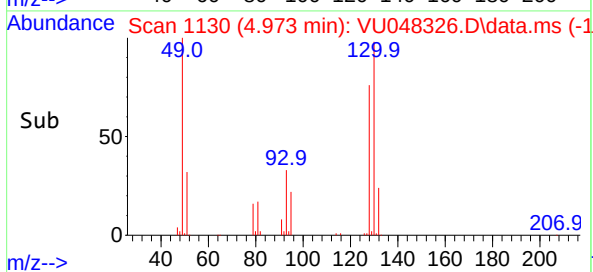
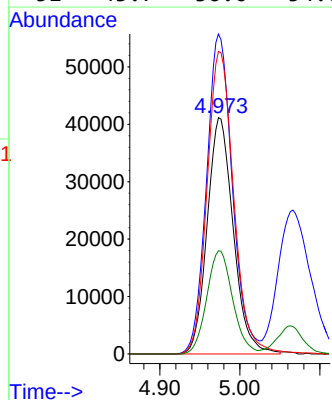
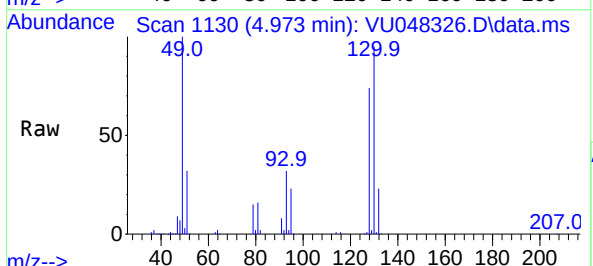
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

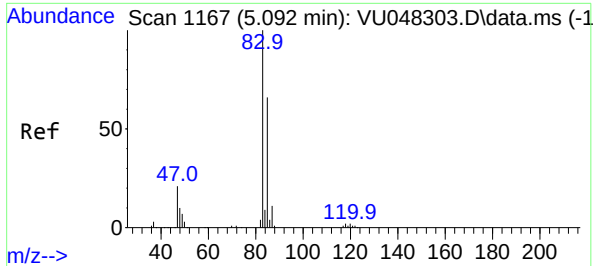
Tgt Ion: 43 Resp: 366273  
Ion Ratio Lower Upper  
43 100  
72 30.9 14.6 43.8



#23  
Bromochloromethane  
Concen: 49.249 ug/L  
RT: 4.973 min Scan# 1130  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:128 Resp: 93260  
Ion Ratio Lower Upper  
128 100  
49 135.4 101.3 188.1  
130 128.1 89.0 165.2  
51 43.7 36.0 54.0

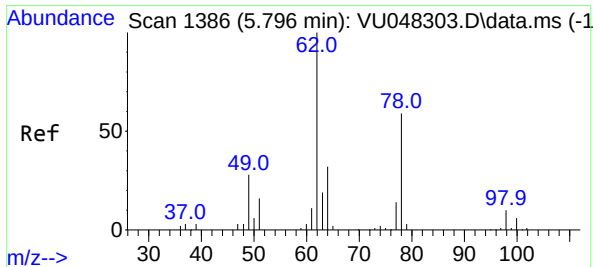
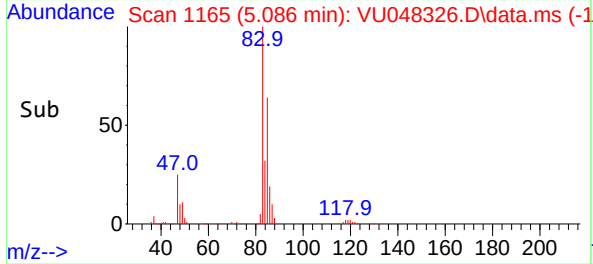
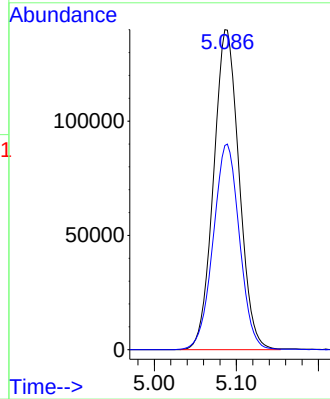
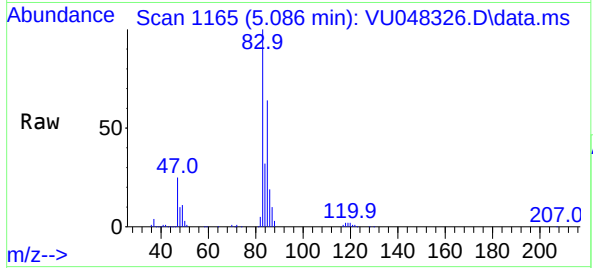




#25  
Chloroform  
Concen: 50.522 ug/L  
RT: 5.086 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

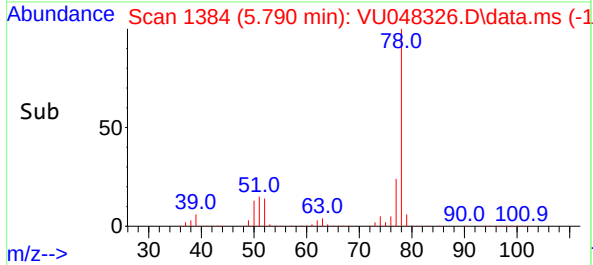
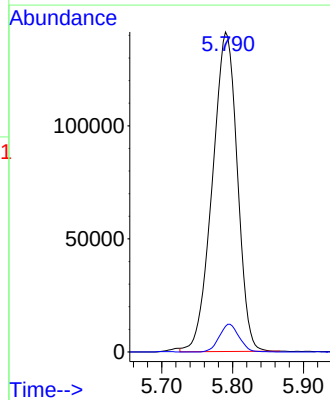
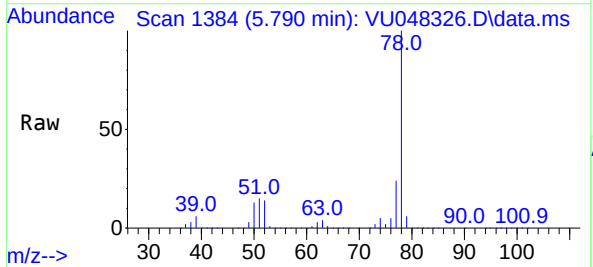
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

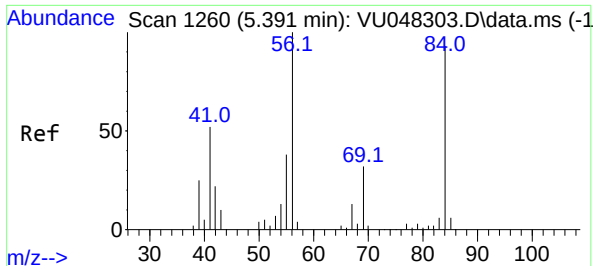
Tgt Ion: 83 Resp: 303565  
Ion Ratio Lower Upper  
83 100  
85 63.8 45.7 84.9



#27  
1,2-Dichloroethane  
Concen: 78.840 ug/L  
RT: 5.790 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 62 Resp: 345534  
Ion Ratio Lower Upper  
62 100  
98 8.0 8.5 12.7#





#29

Cyclohexane

Concen: 52.417 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA\_U

ClientSampleId :

EXET1MSD

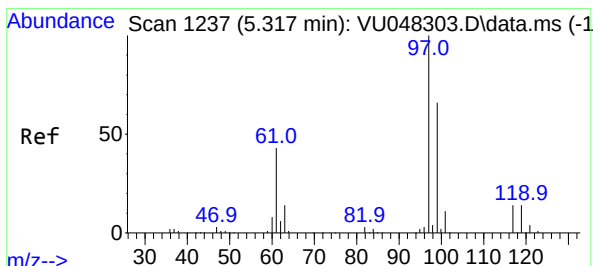
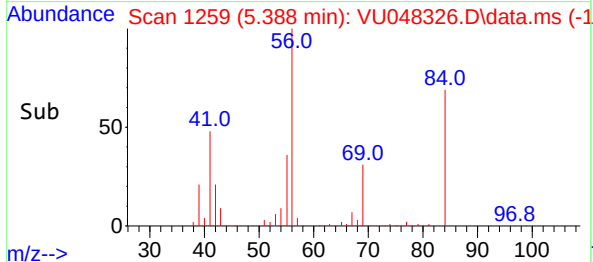
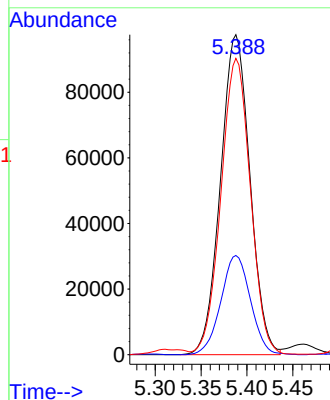
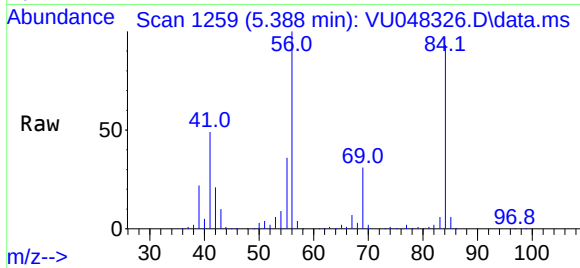
Tgt Ion: 56 Resp: 218180

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 92.1 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 48.512 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

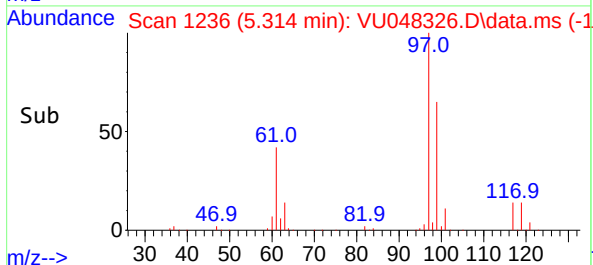
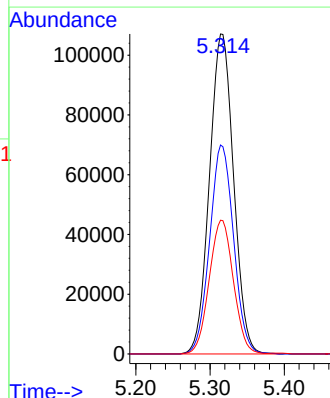
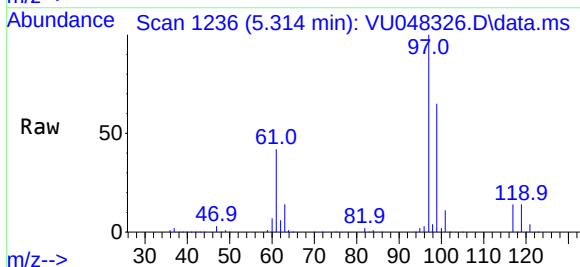
Tgt Ion: 97 Resp: 241679

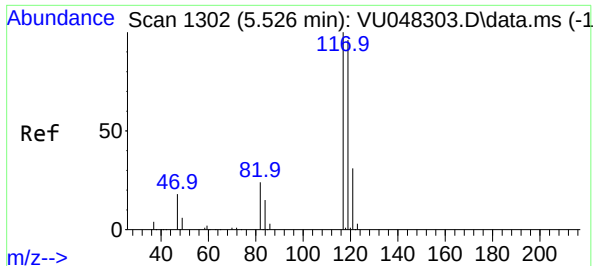
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 41.9 33.9 50.9

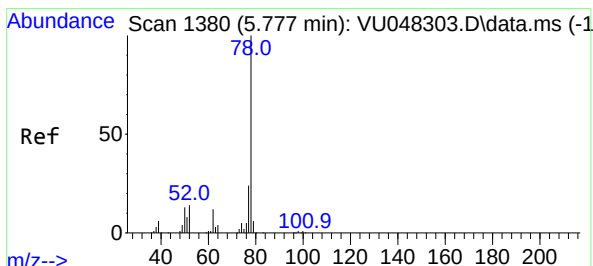
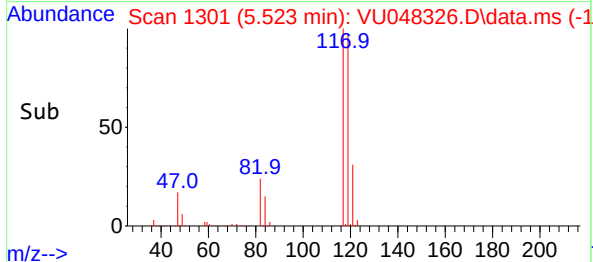
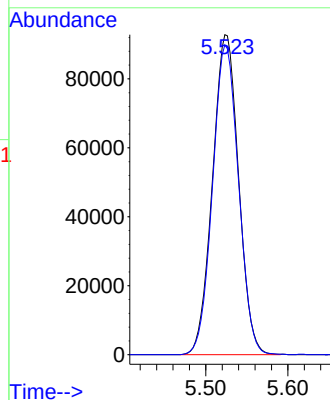
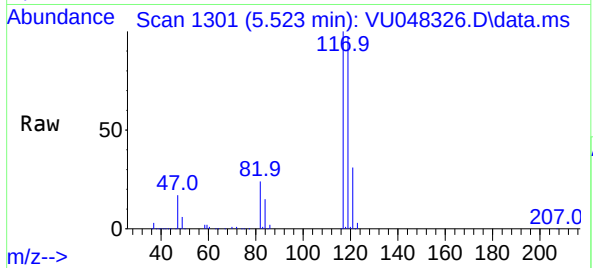




#31  
Carbon tetrachloride  
Concen: 48.172 ug/L  
RT: 5.523 min Scan# 117  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

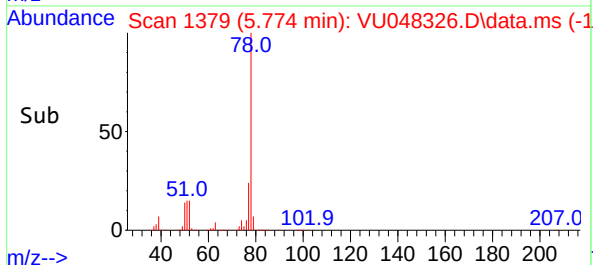
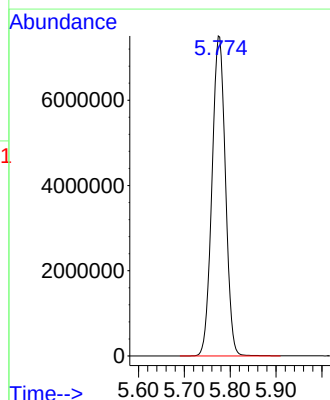
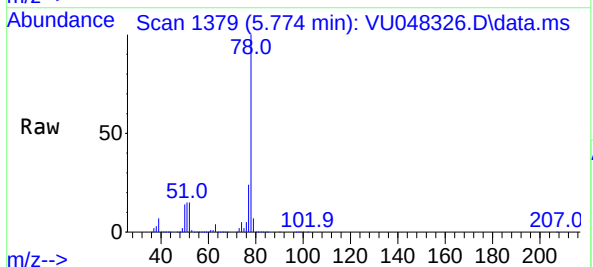
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

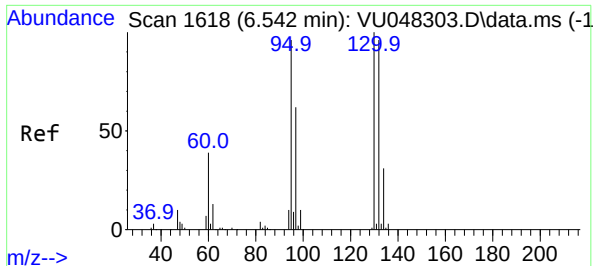
Tgt Ion:117 Resp: 204542  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.1 115.7



#33  
Benzene  
Concen: 1173.929 ug/L  
RT: 5.774 min Scan# 1379  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 78 Resp:15311887

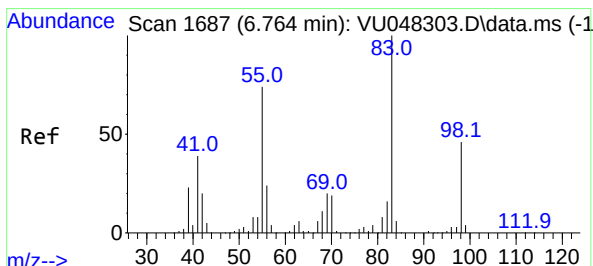
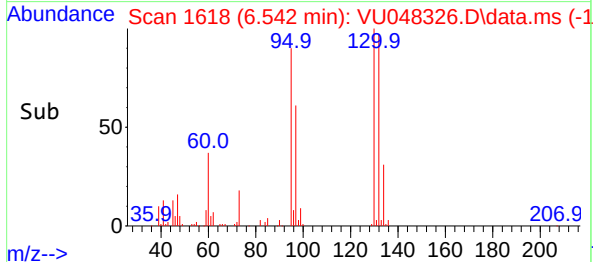
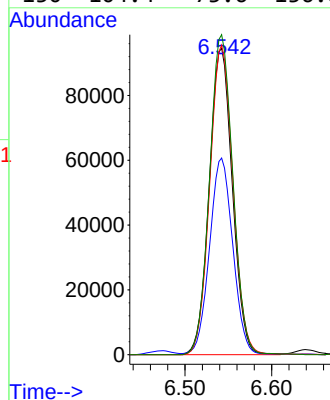
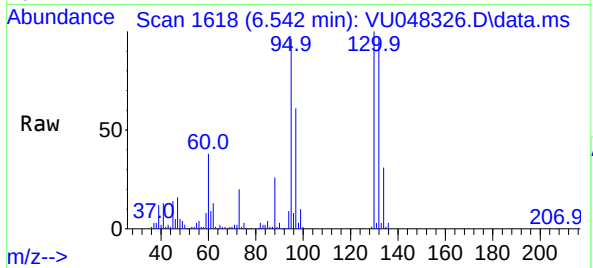




#34  
Trichloroethene  
Concen: 54.887 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

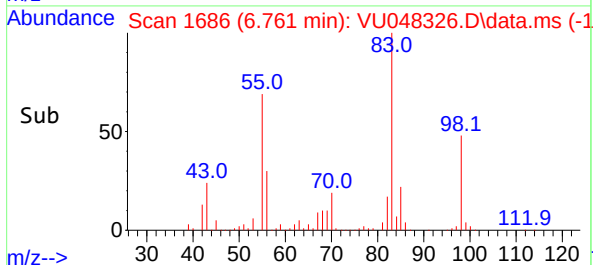
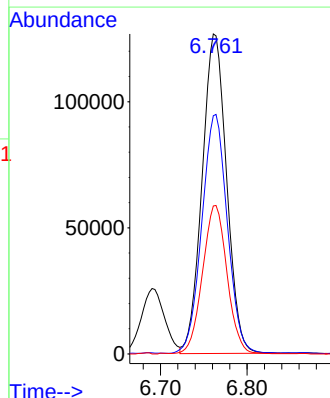
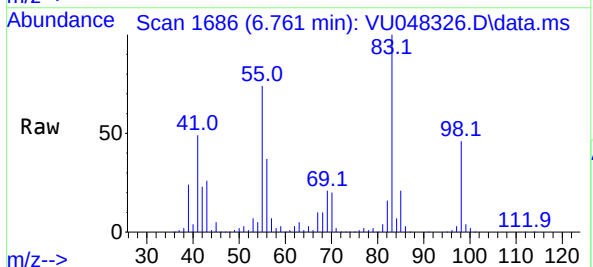
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

Tgt Ion: 95 Resp: 175476  
Ion Ratio Lower Upper  
95 100  
97 64.1 45.8 85.2  
132 101.0 71.6 133.0  
130 104.4 73.6 136.8

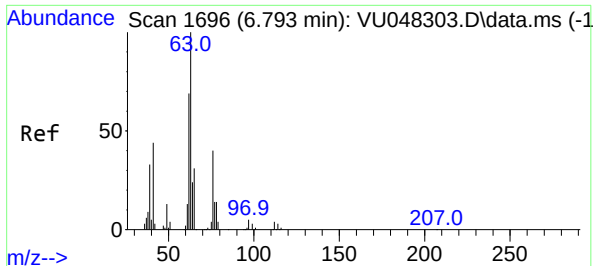


#35  
Methylcyclohexane  
Concen: 55.507 ug/L  
RT: 6.761 min Scan# 1686  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 83 Resp: 249143  
Ion Ratio Lower Upper  
83 100  
55 77.8 59.4 89.2  
98 46.6 37.3 55.9



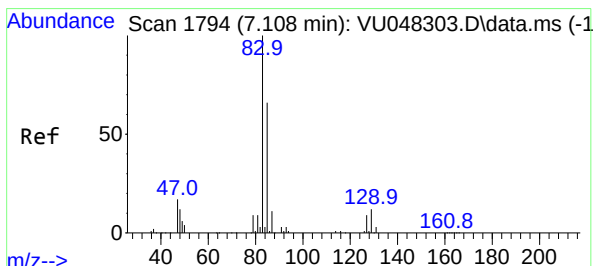
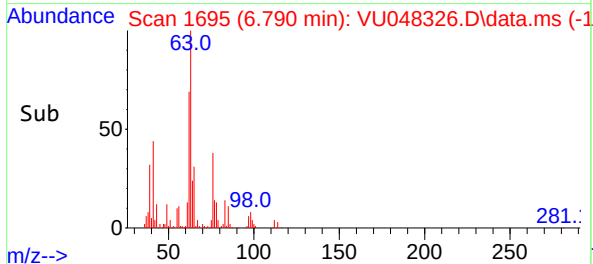
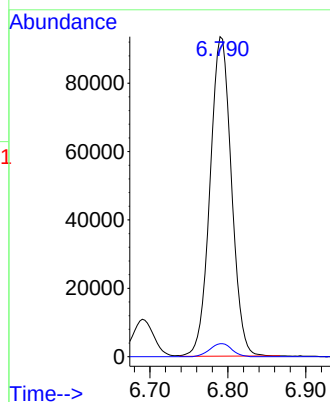
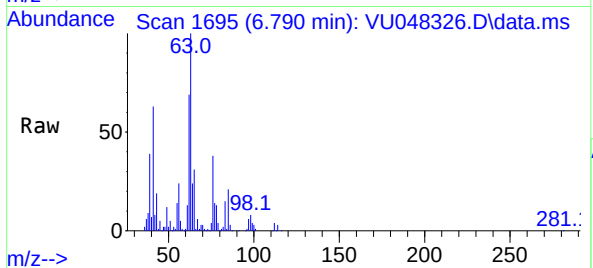




#37  
1,2-Dichloropropane  
Concen: 48.070 ug/L  
RT: 6.790 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

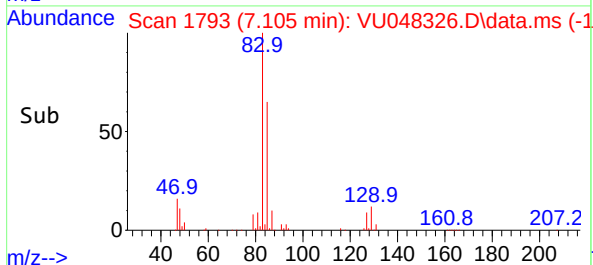
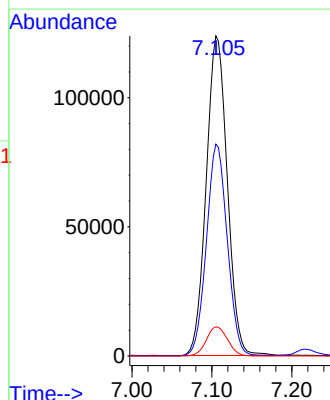
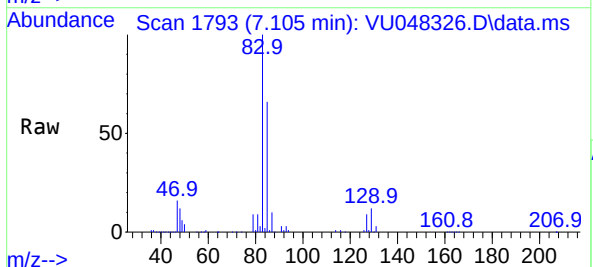
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

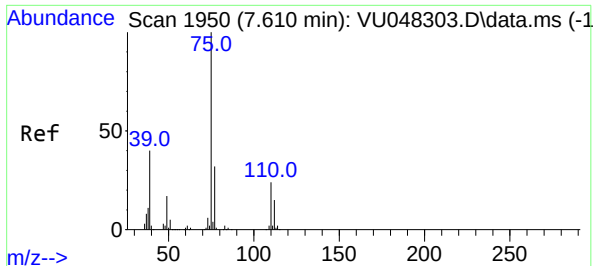
Tgt Ion: 63 Resp: 178390  
Ion Ratio Lower Upper  
63 100  
112 4.2 3.1 4.7



#38  
Bromodichloromethane  
Concen: 48.380 ug/L  
RT: 7.105 min Scan# 1793  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 83 Resp: 226736  
Ion Ratio Lower Upper  
83 100  
85 66.2 45.3 84.1  
127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.817 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA\_U

ClientSampleId :

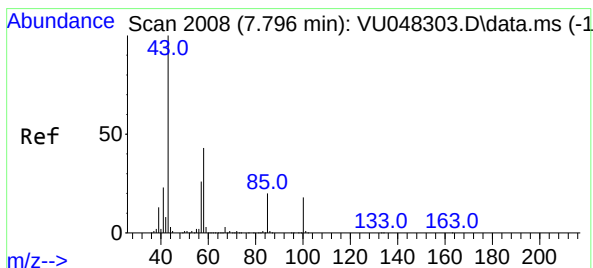
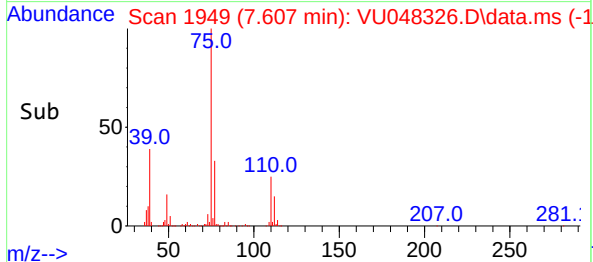
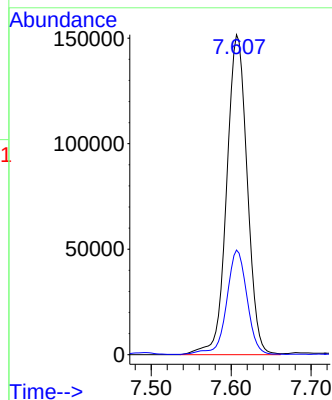
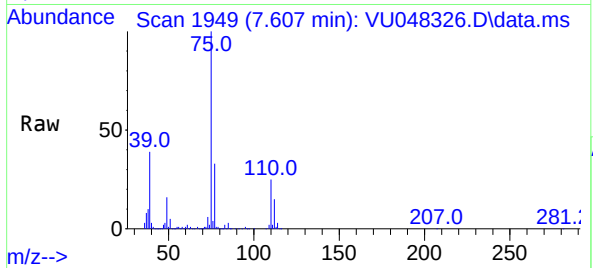
EXET1MSD

Tgt Ion: 75 Resp: 270398

Ion Ratio Lower Upper

75 100

77 32.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 124.638 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

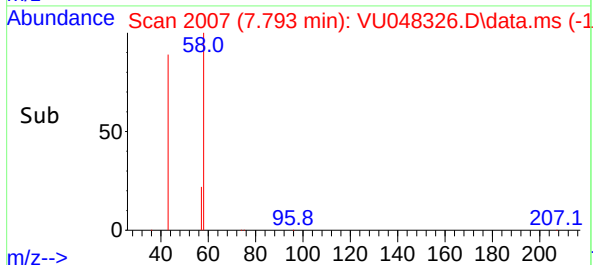
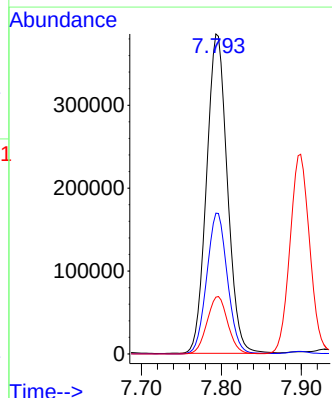
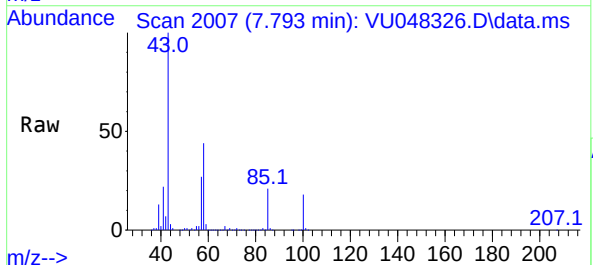
Tgt Ion: 43 Resp: 697624

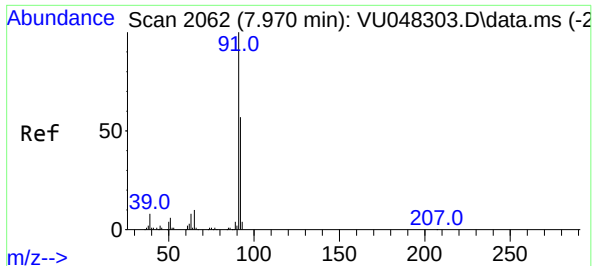
Ion Ratio Lower Upper

43 100

58 44.0 34.4 51.6

100 18.0 13.6 20.4

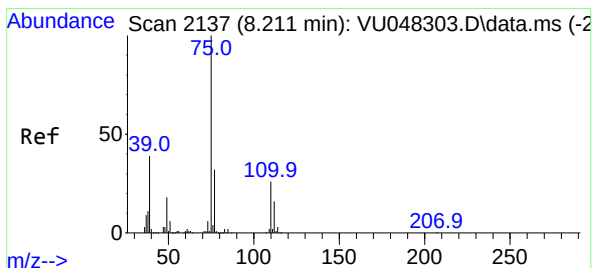
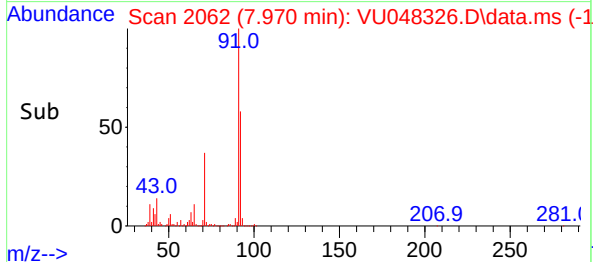
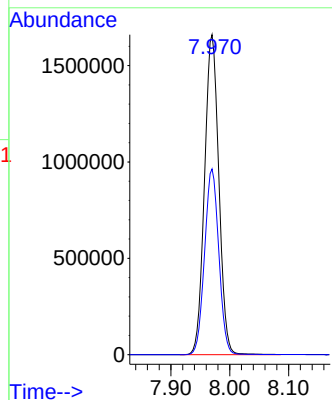
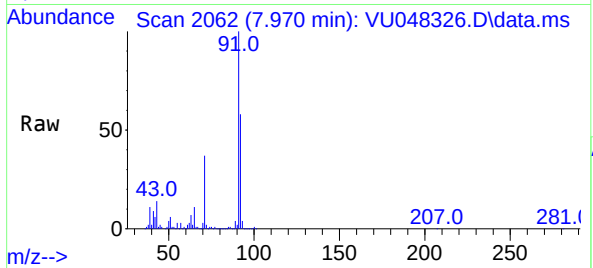




#42  
Toluene  
Concen: 204.701 ug/L  
RT: 7.970 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

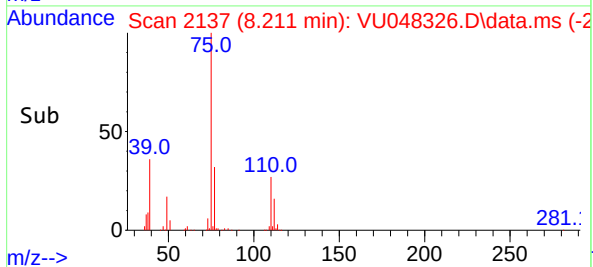
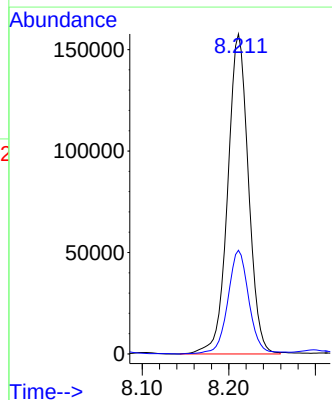
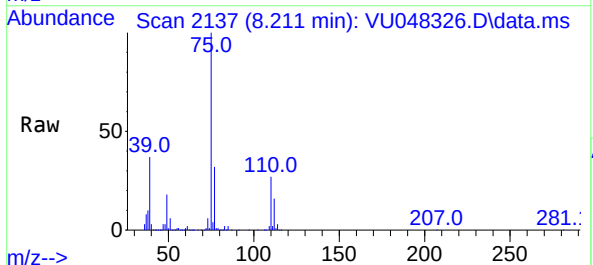
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

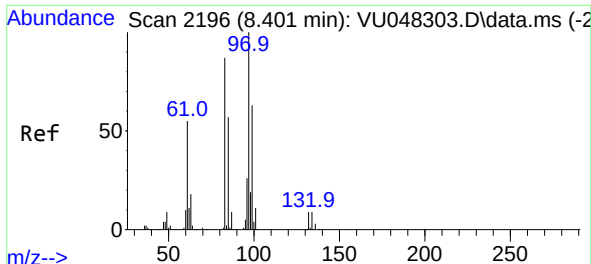
Tgt Ion: 91 Resp: 2803195  
Ion Ratio Lower Upper  
91 100  
92 58.1 40.9 76.0



#44  
trans-1,3-Dichloropropene  
Concen: 51.450 ug/L  
RT: 8.211 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 75 Resp: 262287  
Ion Ratio Lower Upper  
75 100  
77 32.4 22.1 41.1



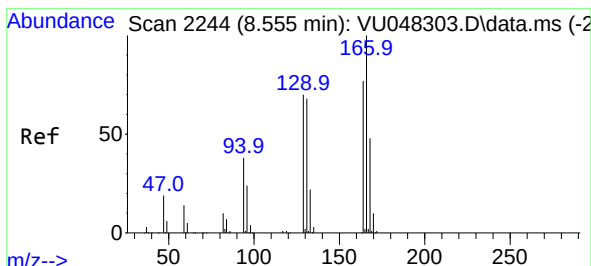
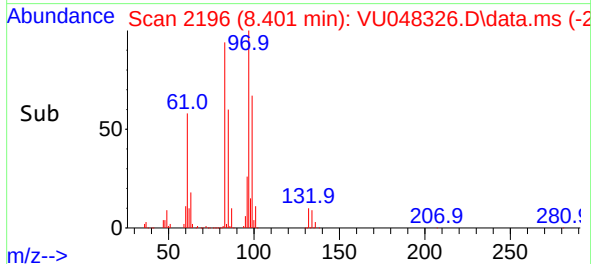
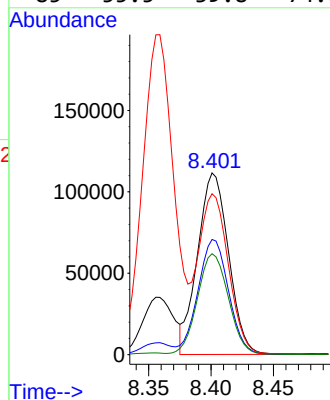
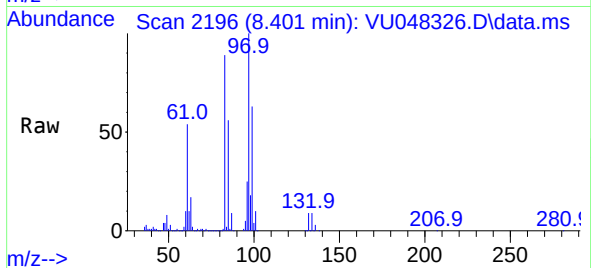


#45  
1,1,2-Trichloroethane  
Concen: 49.546 ug/L  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

Tgt Ion: 97 Resp: 192907

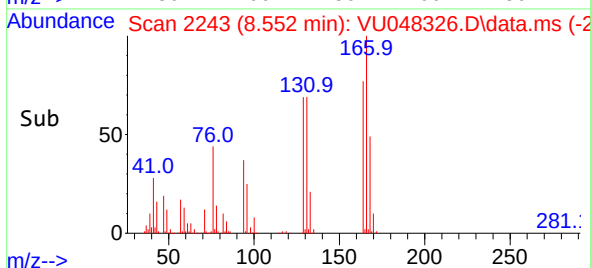
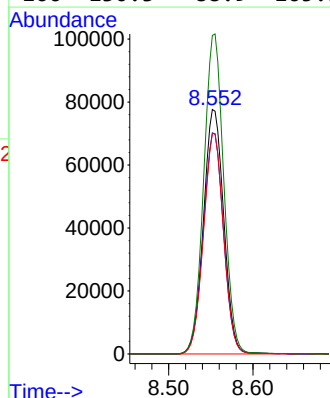
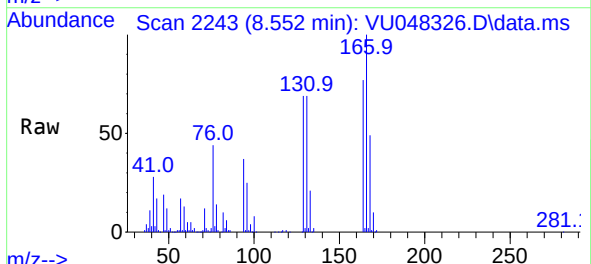
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.4  | 43.7  | 81.1  |
| 83  | 88.6  | 62.6  | 116.2 |
| 85  | 55.5  | 39.8  | 74.0  |

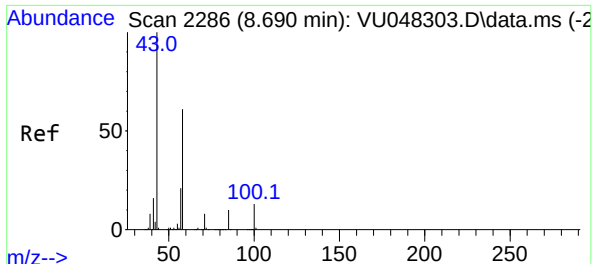


#46  
Tetrachloroethene  
Concen: 47.511 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 164 Resp: 130363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.5  | 63.3  | 117.7 |
| 131 | 90.1  | 61.2  | 113.6 |
| 166 | 130.3 | 88.9  | 165.1 |





#48

2-Hexanone

Concen: 118.619 ug/L

RT: 8.687 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA\_U

ClientSampleId :

EXET1MSD

Tgt Ion: 43 Resp: 554427

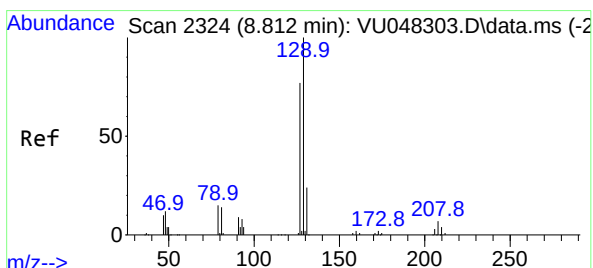
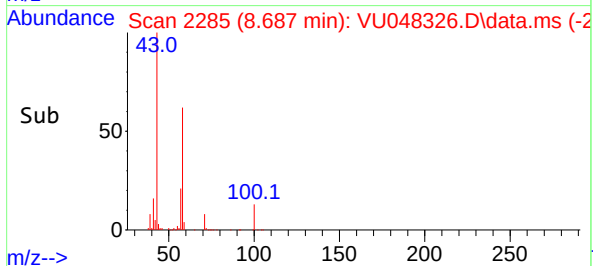
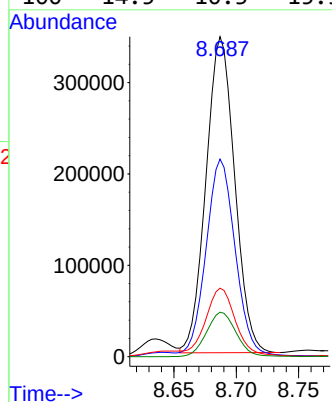
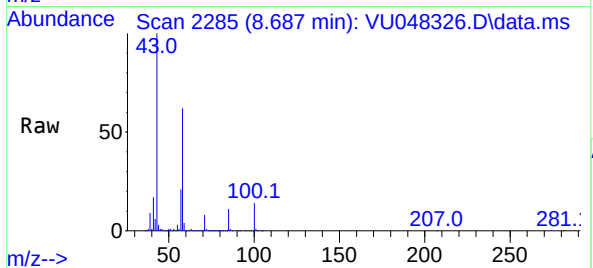
Ion Ratio Lower Upper

43 100

58 63.6 48.1 72.1

57 22.8 16.2 24.4

100 14.5 10.3 15.5



#49

Dibromochloromethane

Concen: 50.345 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU048326.D

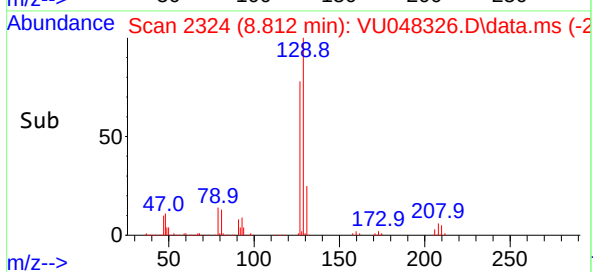
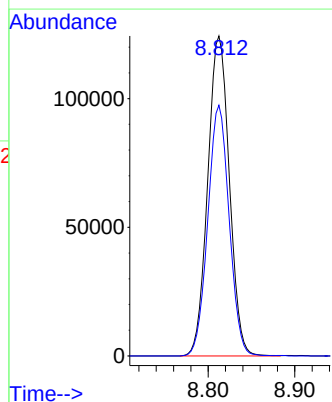
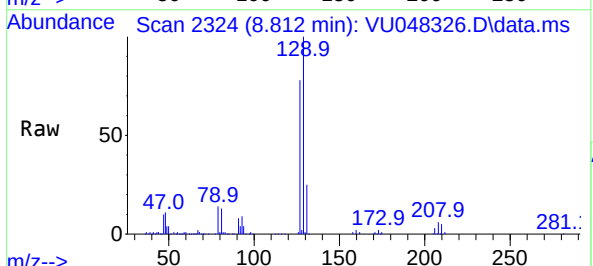
Acq: 27 Apr 2022 19:44

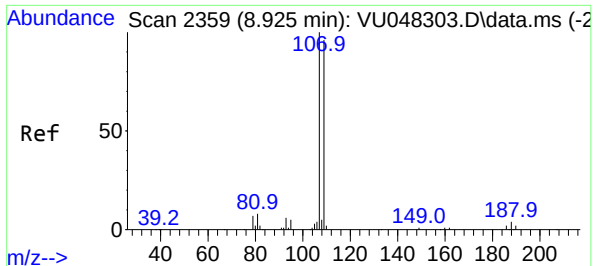
Tgt Ion:129 Resp: 215397

Ion Ratio Lower Upper

129 100

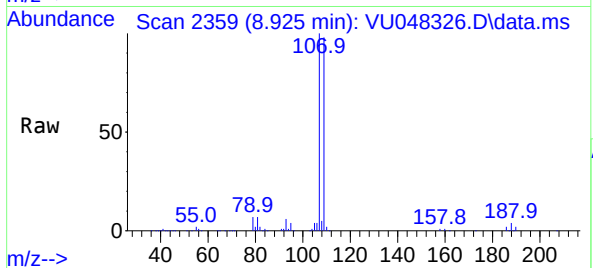
127 78.4 53.8 99.8



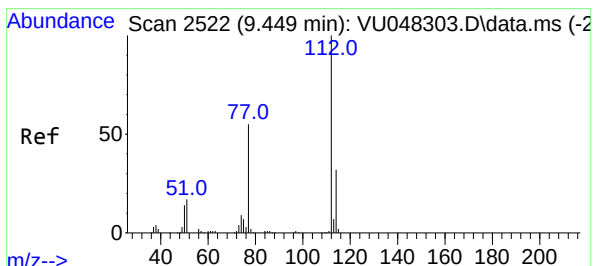
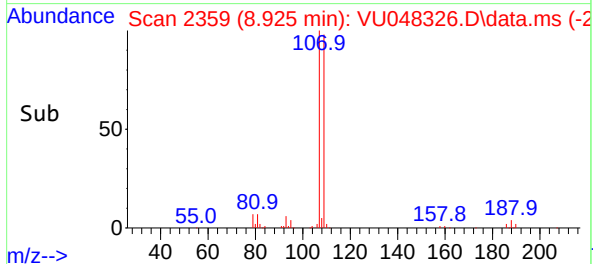
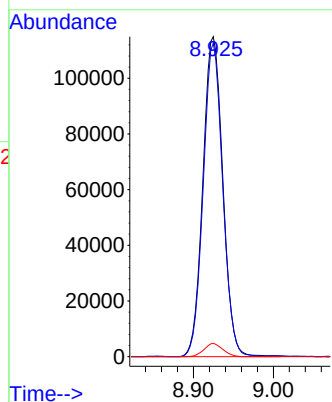


#50  
1,2-Dibromoethane  
Concen: 50.569 ug/L  
RT: 8.925 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

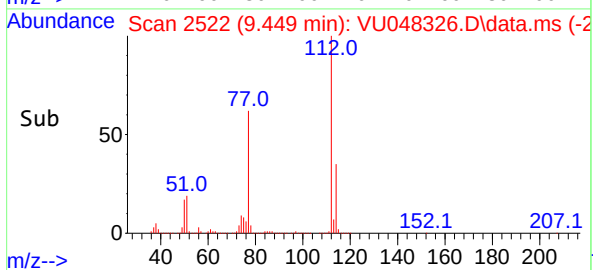
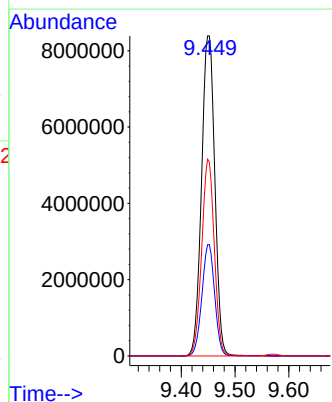
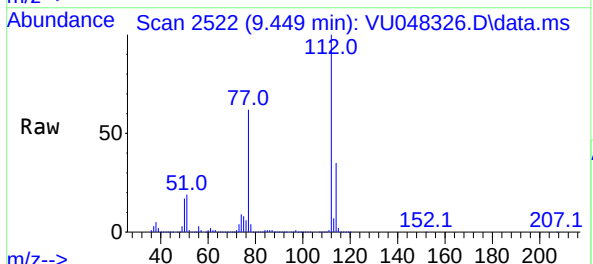


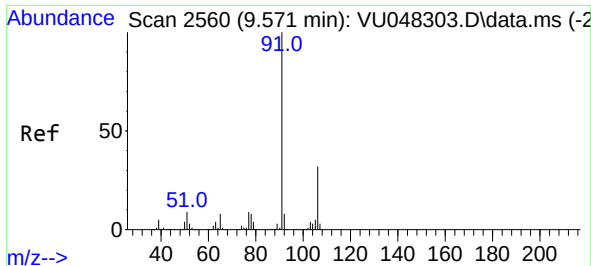
Tgt Ion:107 Resp: 199666  
Ion Ratio Lower Upper  
107 100  
109 98.0 65.0 120.8  
188 4.1 3.1 4.7



#51  
Chlorobenzene  
Concen: 1458.583 ug/L  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:112 Resp:14397354  
Ion Ratio Lower Upper  
112 100  
114 34.7 22.7 42.1  
77 61.5 44.3 66.5

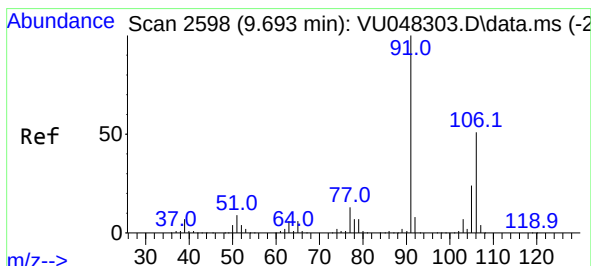
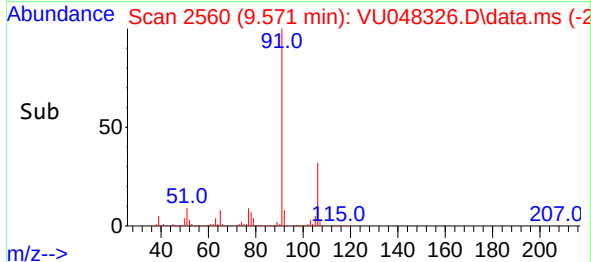
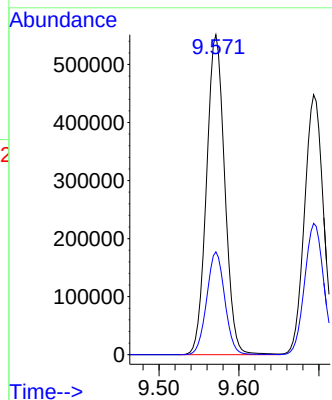
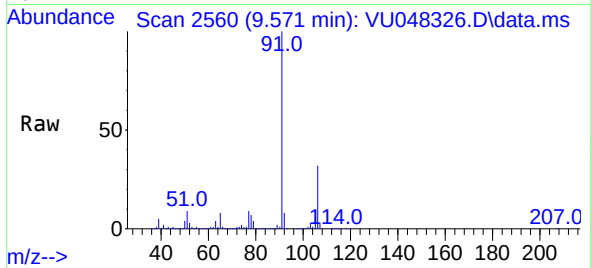




#52  
Ethylbenzene  
Concen: 61.612 ug/L  
RT: 9.571 min Scan# 2560  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

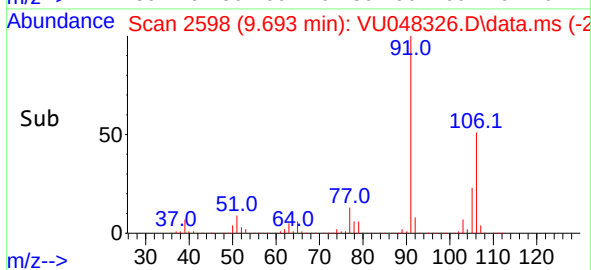
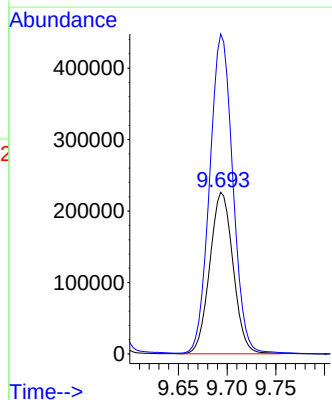
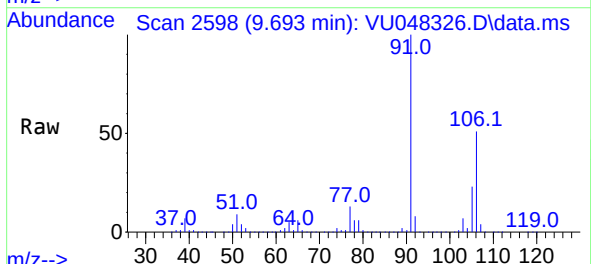
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

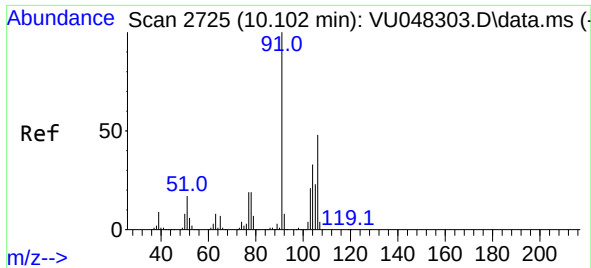
Tgt Ion: 91 Resp: 873784  
Ion Ratio Lower Upper  
91 100  
106 32.2 22.5 41.9



#53  
m,p-Xylene  
Concen: 67.174 ug/L  
RT: 9.693 min Scan# 2598  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 106 Resp: 375941  
Ion Ratio Lower Upper  
106 100  
91 197.9 137.4 255.2

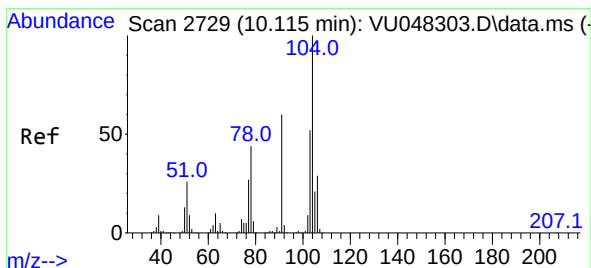
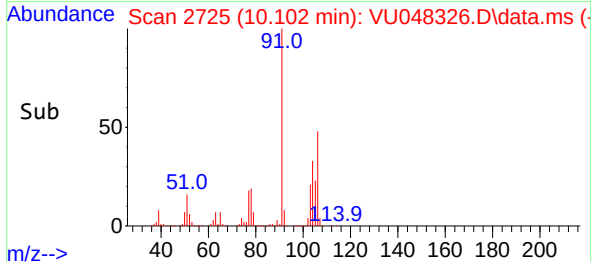
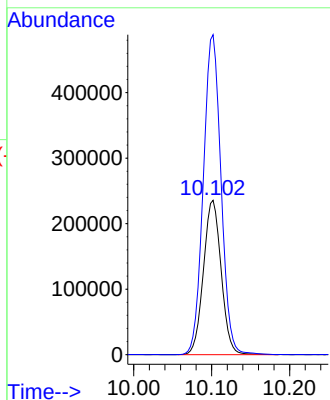
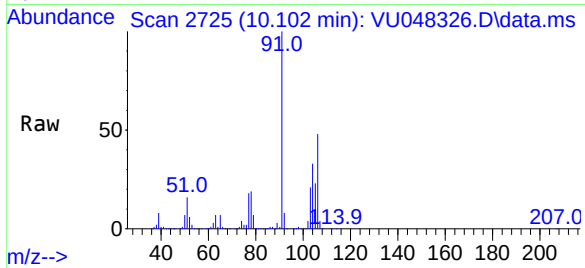




#54  
o-Xylene  
Concen: 66.132 ug/L  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

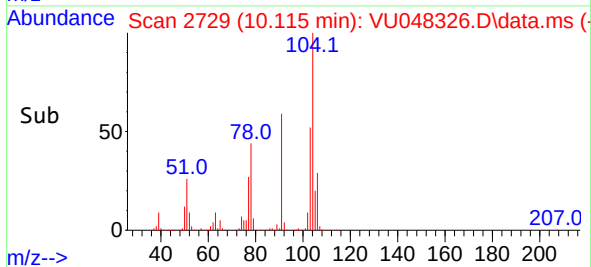
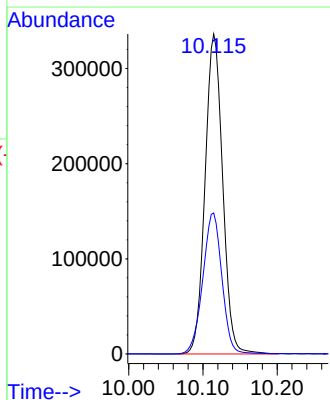
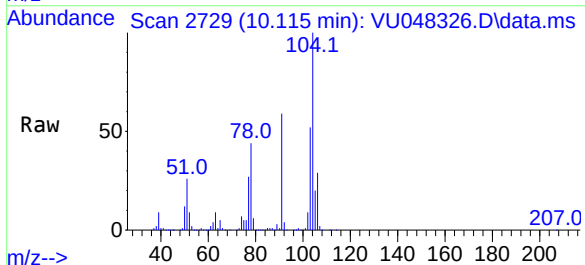
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

Tgt Ion:106 Resp: 372852  
Ion Ratio Lower Upper  
106 100  
91 207.3 145.3 269.8

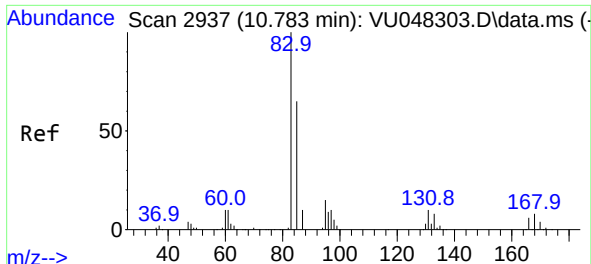


#55  
Styrene  
Concen: 57.559 ug/L  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:104 Resp: 552837  
Ion Ratio Lower Upper  
104 100  
78 44.0 30.3 56.3



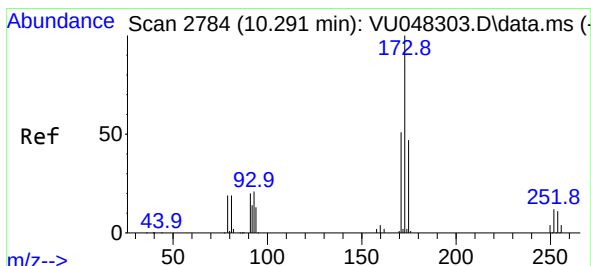
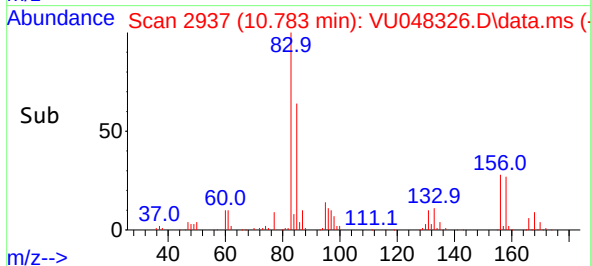
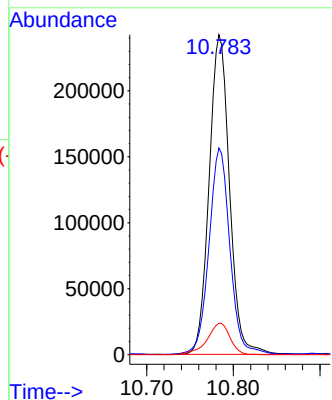
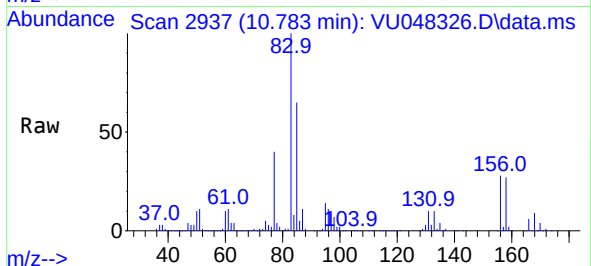




#57  
1,1,2,2-Tetrachloroethane  
Concen: 51.505 ug/L  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

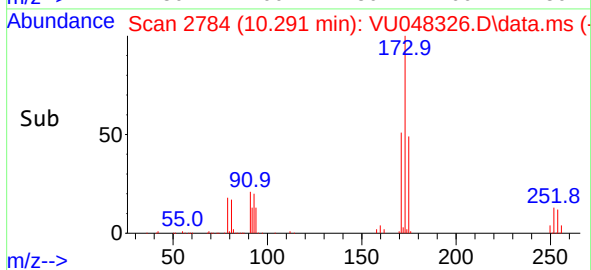
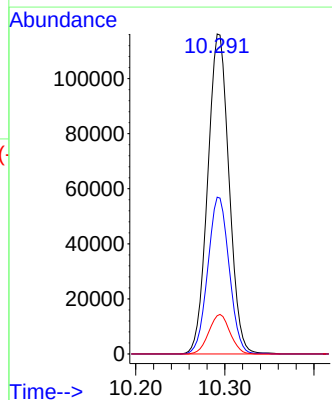
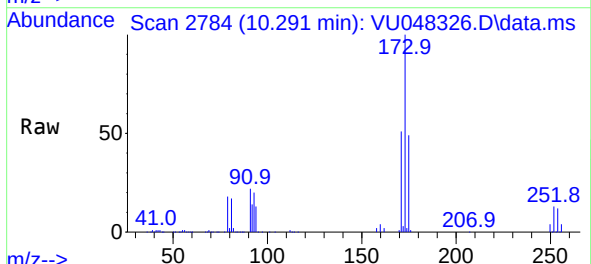
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

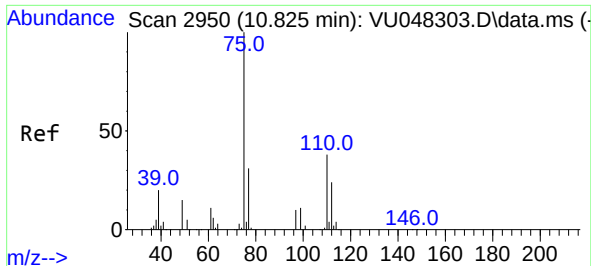
Tgt Ion: 83 Resp: 395785  
Ion Ratio Lower Upper  
83 100  
85 64.5 45.1 83.7  
131 9.8 7.8 11.6



#59  
Bromoform  
Concen: 49.791 ug/L  
RT: 10.291 min Scan# 2784  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:173 Resp: 192817  
Ion Ratio Lower Upper  
173 100  
175 49.0 38.9 58.3  
254 12.3 9.5 14.3

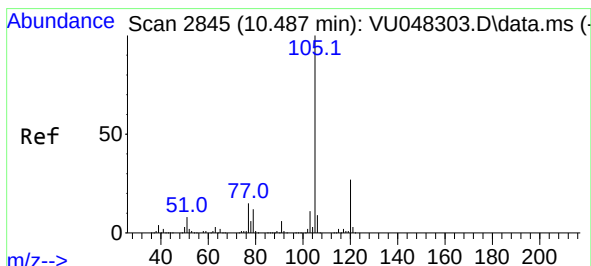
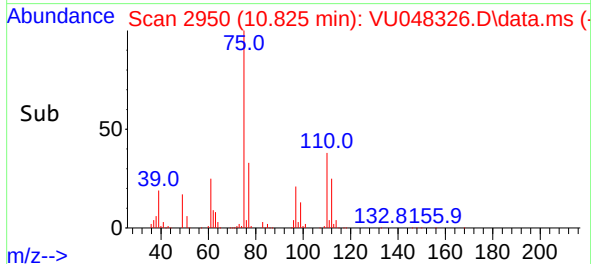
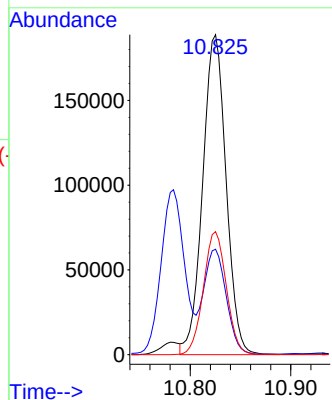
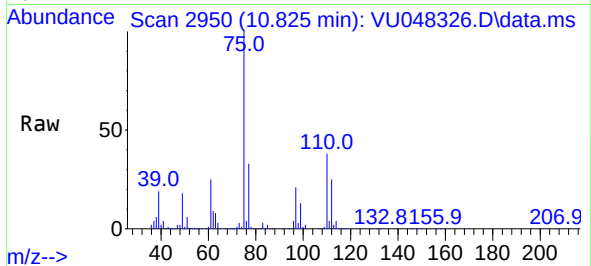




#60  
1,2,3-Trichloropropane  
Concen: 49.113 ug/L  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

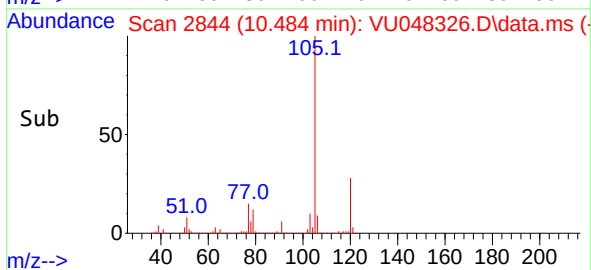
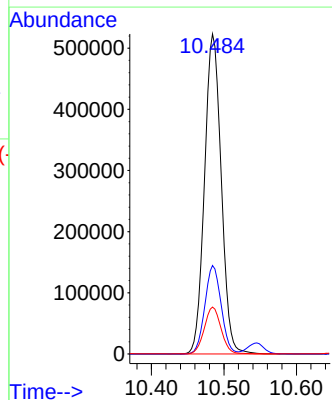
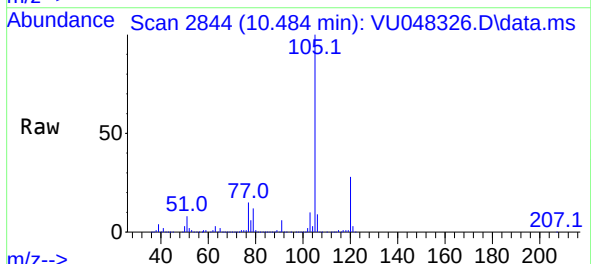
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

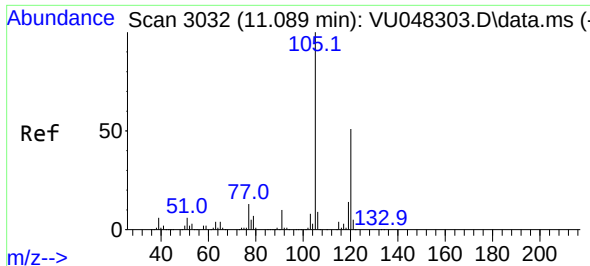
Tgt Ion: 75 Resp: 305724  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.8 38.8  
110 37.8 29.9 44.9



#61  
Isopropylbenzene  
Concen: 56.138 ug/L  
RT: 10.484 min Scan# 2844  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion: 105 Resp: 837549  
Ion Ratio Lower Upper  
105 100  
120 27.0 21.7 32.5  
77 14.7 11.7 17.5

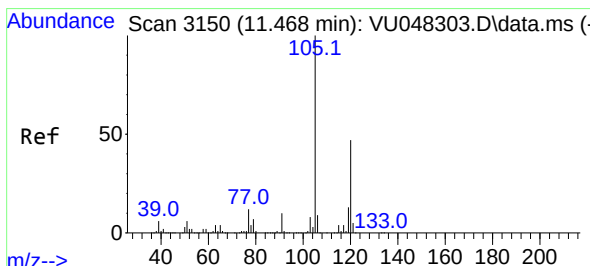
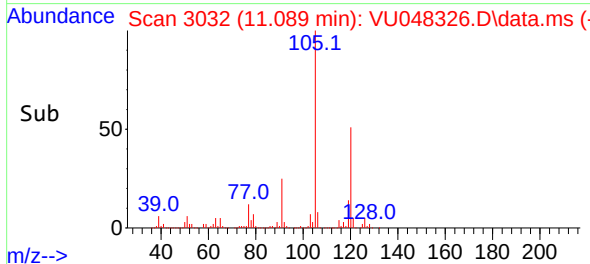
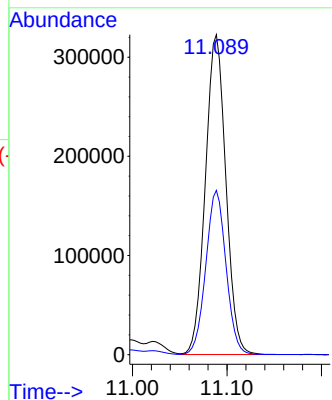
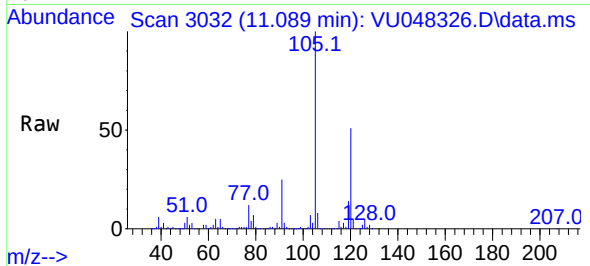




#62  
1,3,5-Trimethylbenzene  
Concen: 61.682 ug/L  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

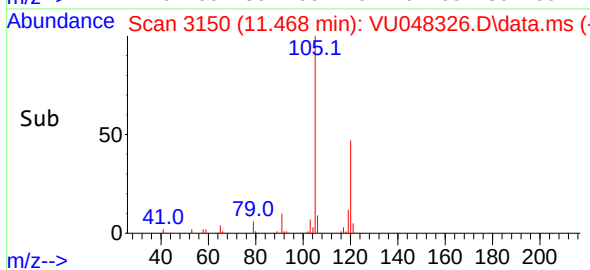
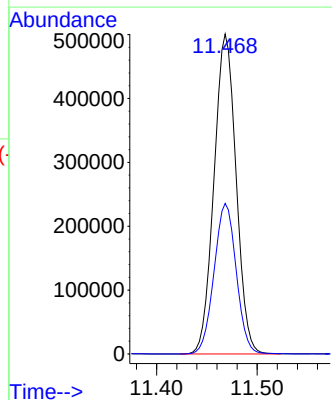
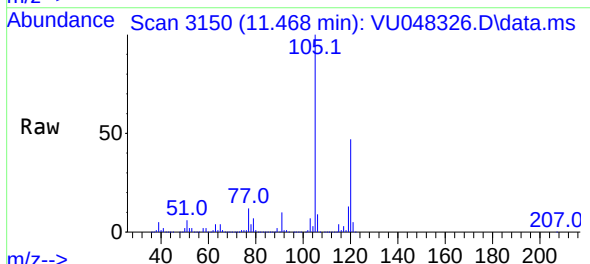
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

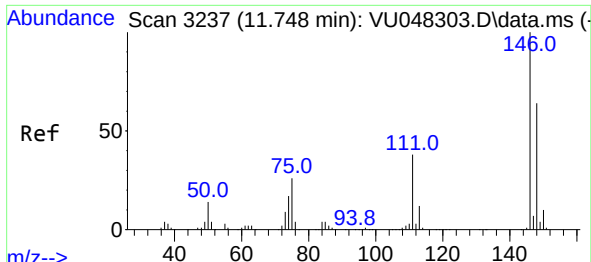
Tgt Ion:105 Resp: 485044  
Ion Ratio Lower Upper  
105 100  
120 50.6 40.7 61.1



#63  
1,2,4-Trimethylbenzene  
Concen: 63.276 ug/L  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:105 Resp: 764993  
Ion Ratio Lower Upper  
105 100  
120 47.3 38.0 57.0

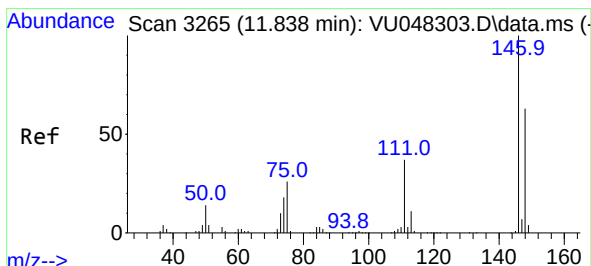
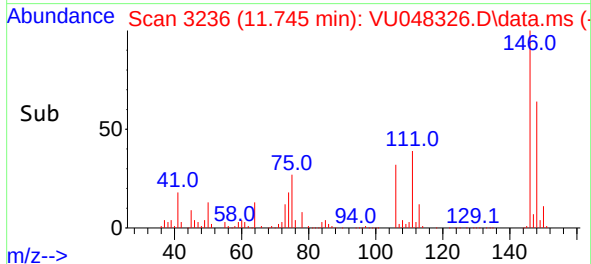
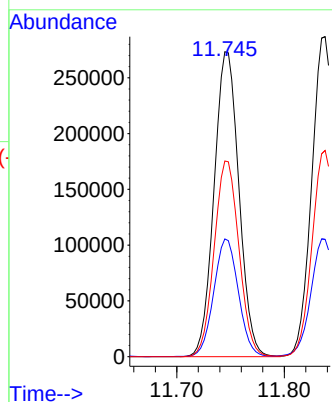
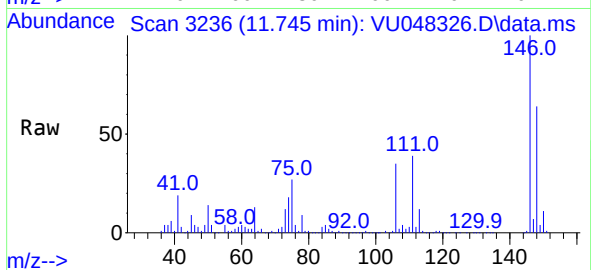




#64  
1,3-Dichlorobenzene  
Concen: 52.507 ug/L  
RT: 11.745 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

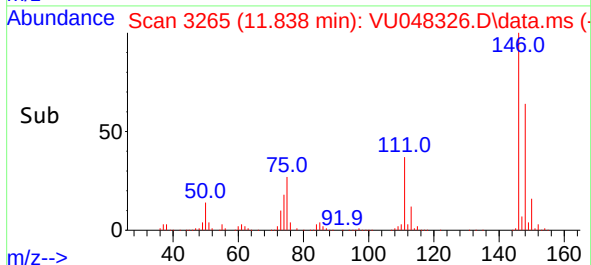
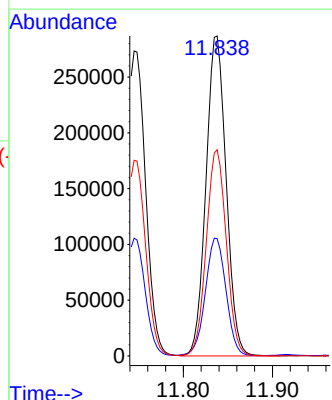
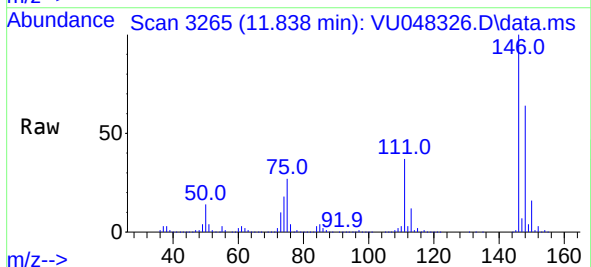
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

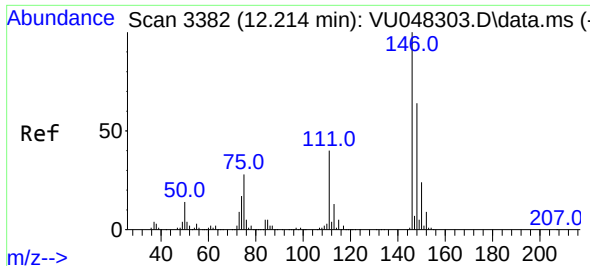
Tgt Ion:146 Resp: 439191  
Ion Ratio Lower Upper  
146 100  
111 38.6 26.7 49.7  
148 64.2 44.9 83.5



#65  
1,4-Dichlorobenzene  
Concen: 52.781 ug/L  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:146 Resp: 450715  
Ion Ratio Lower Upper  
146 100  
111 36.7 25.9 48.1  
148 64.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 55.588 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA\_U

ClientSampleId :

EXET1MSD

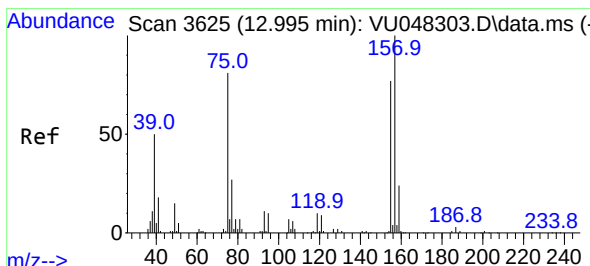
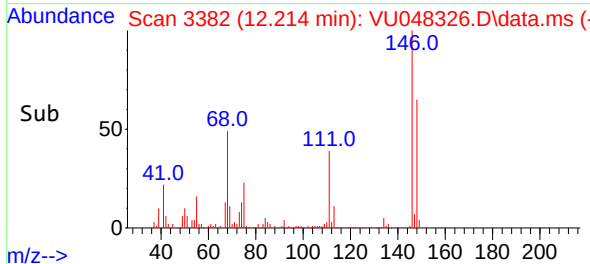
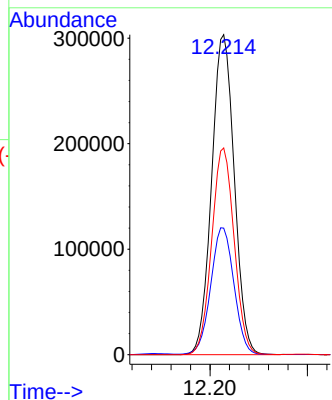
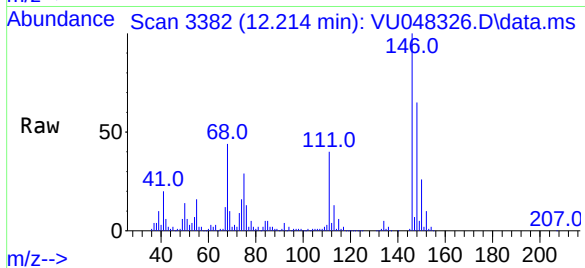
Tgt Ion:146 Resp: 489809

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 64.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 63.208 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

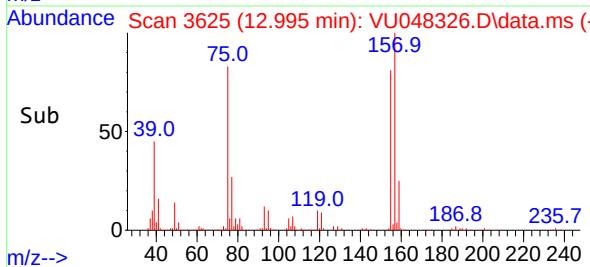
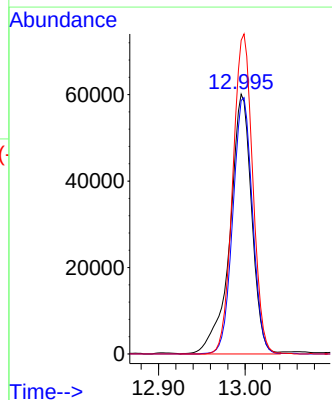
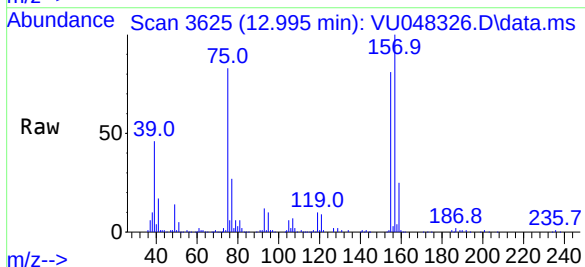
Tgt Ion: 75 Resp: 105037

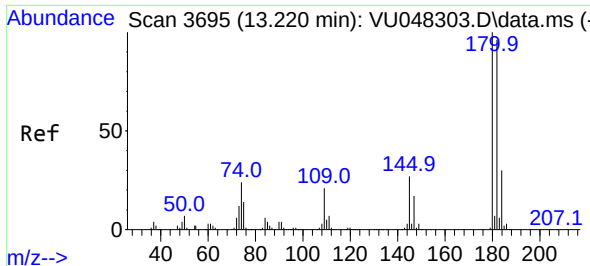
Ion Ratio Lower Upper

75 100

155 97.5 71.8 107.6

157 120.7 93.4 140.2

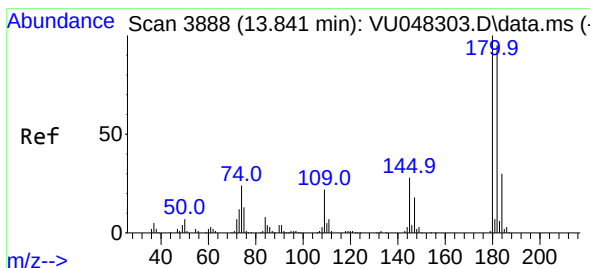
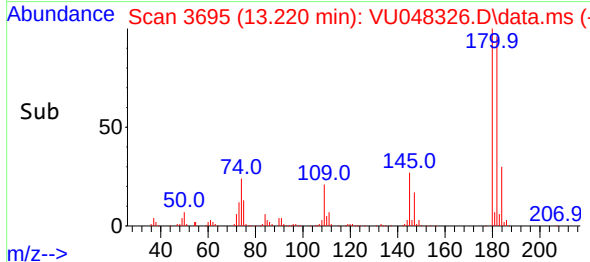
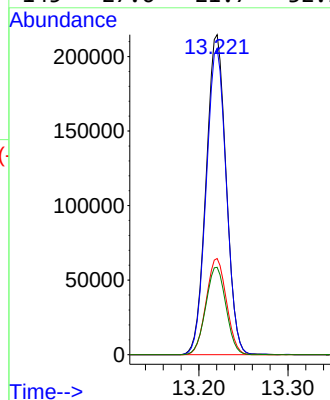
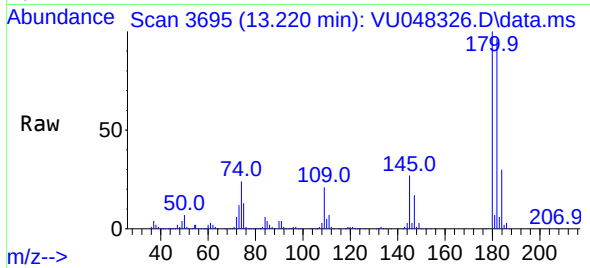




#69  
 1,3,5-Trichlorobenzene  
 Concen: 53.796 ug/L  
 RT: 13.220 min Scan# 3695  
 Delta R.T. 0.000 min  
 Lab File: VU048326.D  
 Acq: 27 Apr 2022 19:44

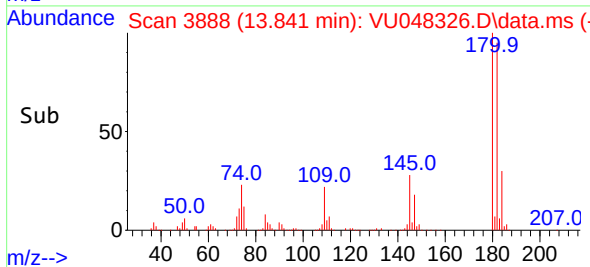
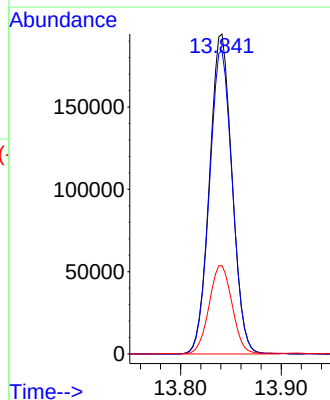
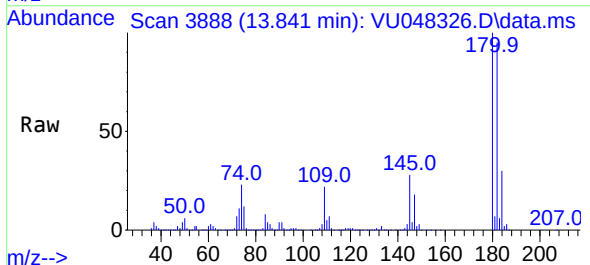
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 ClientSampleId :  
 EXET1MSD

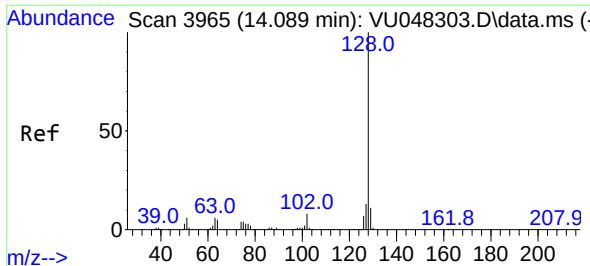
Tgt Ion:180 Resp: 334362  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 77.0 115.4  
 184 30.5 24.6 37.0  
 145 27.6 21.7 32.5



#70  
 1,2,4-trichlorobenzene  
 Concen: 61.721 ug/L  
 RT: 13.841 min Scan# 3888  
 Delta R.T. 0.000 min  
 Lab File: VU048326.D  
 Acq: 27 Apr 2022 19:44

Tgt Ion:180 Resp: 303067  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 76.3 114.5  
 145 28.0 22.6 33.8

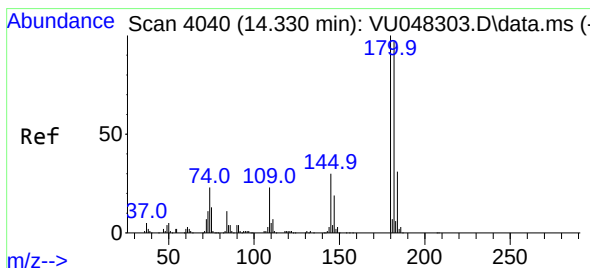
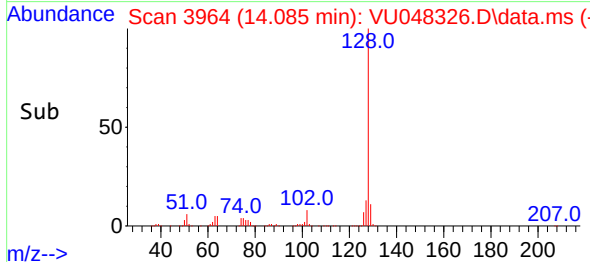
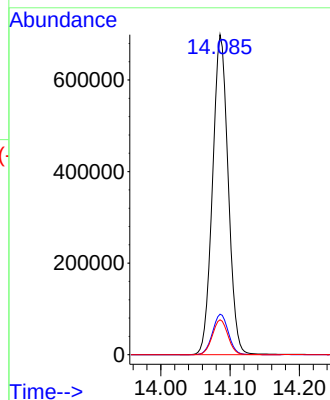
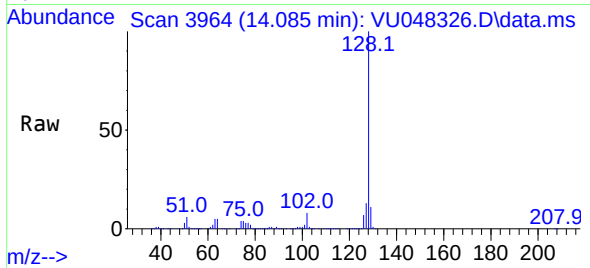




#71  
Naphthalene  
Concen: 77.818 ug/L  
RT: 14.085 min Scan# 3965  
Delta R.T. -0.003 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET1MSD

Tgt Ion:128 Resp: 1093533  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.9 8.7 13.1



#72  
1,2,3-Trichlorobenzene  
Concen: 60.357 ug/L  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU048326.D  
Acq: 27 Apr 2022 19:44

Tgt Ion:180 Resp: 303731  
Ion Ratio Lower Upper  
180 100  
182 95.0 75.8 113.6  
145 29.8 23.5 35.3

