

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110421\  
 Data File : VU045535.D  
 Acq On : 03 Nov 2021 21:19  
 Operator : SY/MD  
 Sample : PB140448ZHE#01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 05 13:53:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 29 11:09:42 2021  
 Response via : Initial Calibration

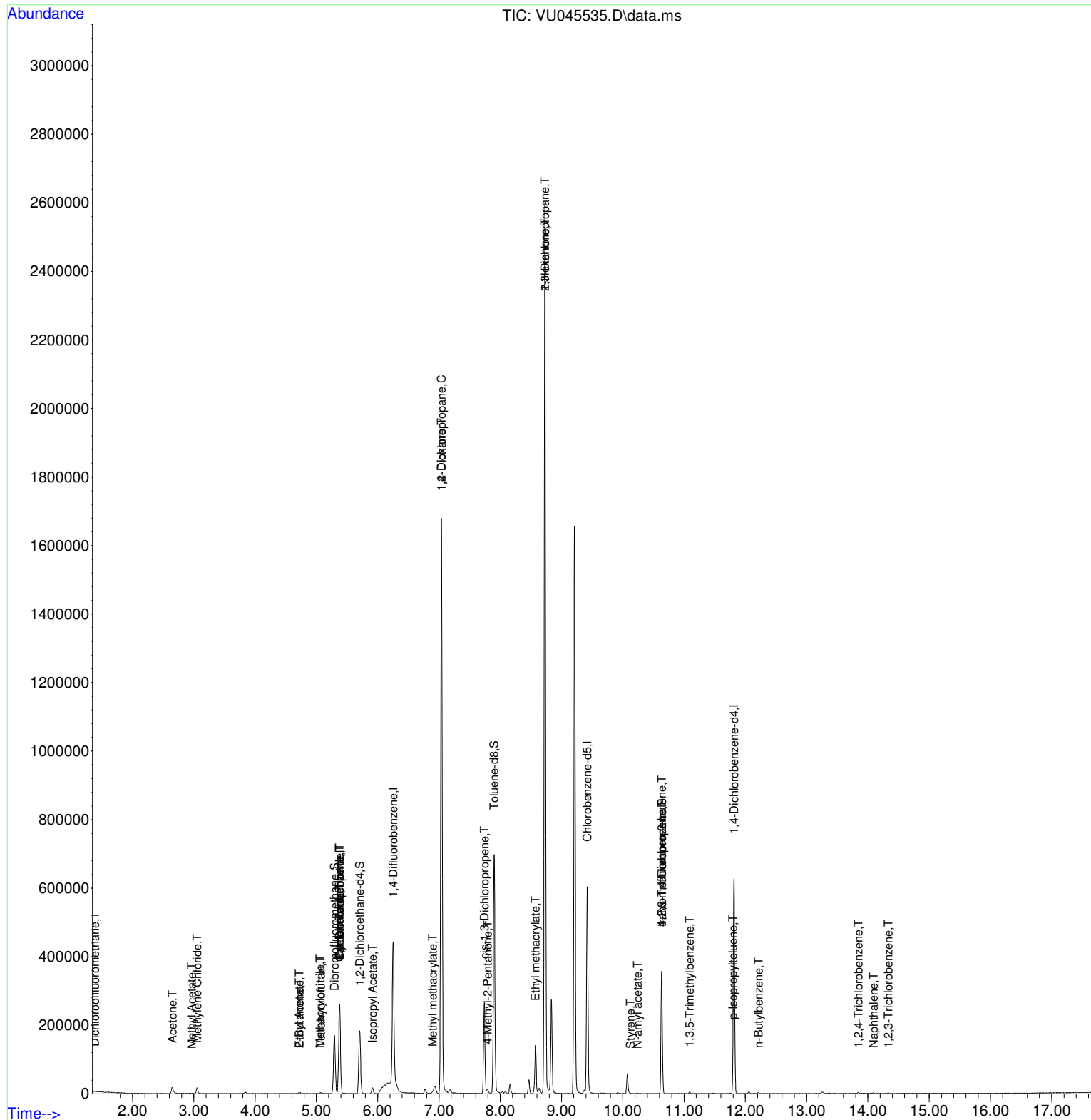
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.379          | 168  | 178862     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.253          | 114  | 341106     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.420          | 117  | 338112     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 161313     | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.707          | 65   | 139520     | 47.91   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 95.82%  |        |          |
| 35) Dibromofluoromethane      | 5.295          | 113  | 111398     | 51.36   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 102.72% |        |          |
| 50) Toluene-d8                | 7.899          | 98   | 459098     | 53.98   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 107.96% |        |          |
| 62) 4-Bromofluorobenzene      | 10.636         | 95   | 124899     | 38.54   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 77.08%# |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.385          | 85   | 47         | 0.39    | ug/l # | 43       |
| 16) Acetone                   | 2.649          | 43   | 29584      | 22.38   | ug/l   | 93       |
| 18) Methyl Acetate            | 2.964          | 43   | 1194       | 0.24    | ug/l # | 64       |
| 20) Methylene Chloride        | 3.054          | 84   | 9134       | 3.47    | ug/l   | 97       |
| 25) 2-Butanone                | 4.719          | 43   | 6703       | 3.36    | ug/l   | 100      |
| 29) Tetrahydrofuran           | 5.070          | 42   | 2078       | 1.61    | ug/l # | 80       |
| 31) Cyclohexane               | 5.379          | 56   | 3883       | 0.90    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.379          | 75   | 15299      | 4.71    | ug/l # | 49       |
| 37) Ethyl Acetate             | 4.719          | 43   | 6703       | 1.70    | ug/l # | 67       |
| 38) Carbon Tetrachloride      | 5.375          | 117  | 17586      | 6.21    | ug/l # | 15       |
| 41) Methacrylonitrile         | 5.057          | 41   | 1208       | 0.58    | ug/l # | 39       |
| 43) Isopropyl Acetate         | 5.916          | 43   | 18497      | 3.12    | ug/l # | 94       |
| 45) 1,2-Dichloropropane       | 7.038          | 63   | 2187       | 0.85    | ug/l # | 43       |
| 48) Methyl methacrylate       | 6.896          | 41   | 7805       | 2.78    | ug/l # | 13       |
| 49) 1,4-Dioxane               | 7.038          | 88   | 294        | 4.12    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.793          | 43   | 7465       | 1.95    | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.742          | 75   | 49105      | 12.20   | ug/l # | 57       |
| 56) Ethyl methacrylate        | 8.575          | 69   | 826        | 1.82    | ug/l # | 1        |
| 57) 1,3-Dichloropropane       | 8.729          | 76   | 27489      | 6.38    | ug/l # | 43       |
| 59) 2-Hexanone                | 8.729          | 43   | 318473     | 107.31  | ug/l # | 50       |
| 70) Styrene                   | 10.121         | 104  | 532        | 1.04    | ug/l # | 82       |
| 74) N-amyl acetate            | 10.240         | 43   | 595        | 1.26    | ug/l # | 40       |
| 76) 1,2,3-Trichloropropane    | 10.636         | 75   | 56750      | 13.20   | ug/l # | 43       |
| 80) 1,3,5-Trimethylbenzene    | 11.092         | 105  | 3702       | 0.40    | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 10.636         | 75   | 56750      | 37.60   | ug/l # | 12       |
| 86) p-Isopropyltoluene        | 11.793         | 119  | 896        | 0.27    | ug/l # | 50       |
| 89) n-Butylbenzene            | 12.214         | 91   | 1690       | 1.10    | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.841         | 180  | 1062       | 0.32    | ug/l   | 77       |
| 95) Naphthalene               | 14.092         | 128  | 2794       | 0.31    | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 14.333         | 180  | 979        | 0.29    | ug/l   | 83       |

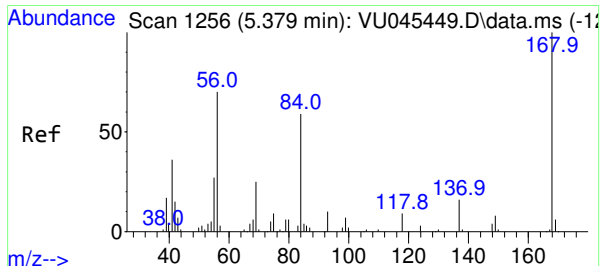
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110421\  
Data File : VU045535.D  
Acq On : 03 Nov 2021 21:19  
Operator : SY/MD  
Sample : PB140448ZHE#01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Nov 05 13:53:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 29 11:09:42 2021  
Response via : Initial Calibration

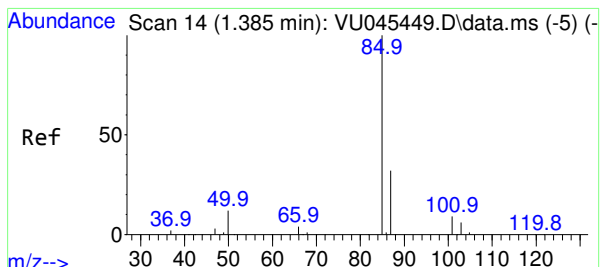
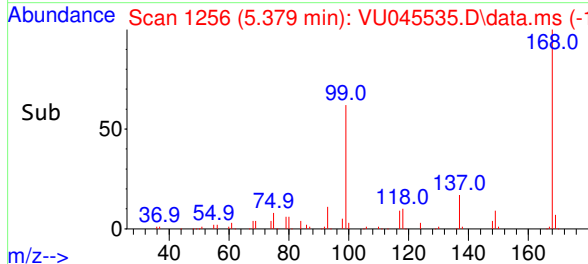
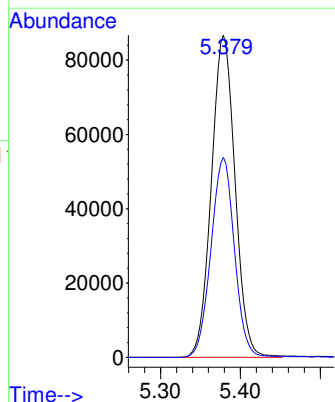
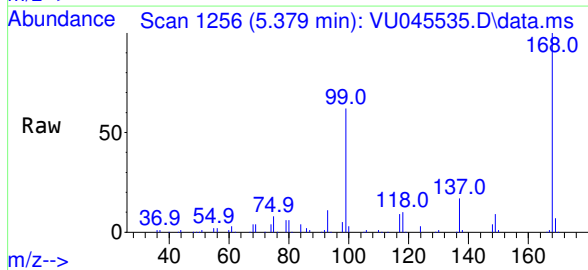




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.379 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

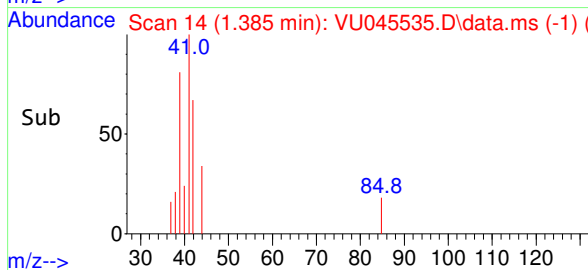
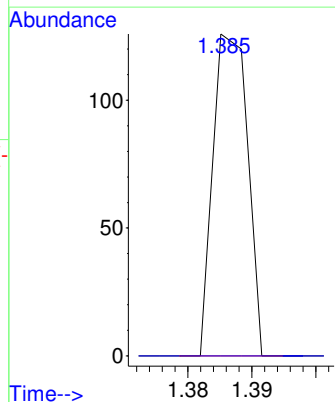
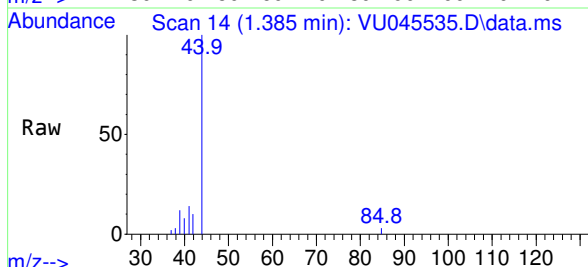
Instrument :  
MSVOA\_U  
ClientSampleId :

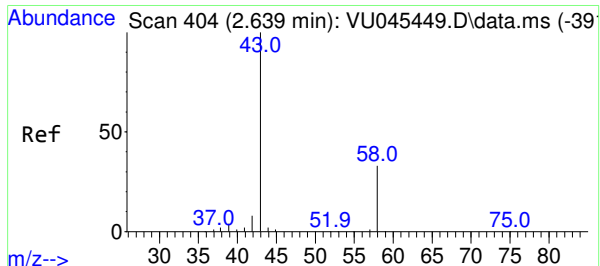
Tgt Ion:168 Resp: 178862  
Ion Ratio Lower Upper  
168 100  
99 62.0 51.0 76.6



#2  
Dichlorodifluoromethane  
Concen: 0.39 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 85 Resp: 47  
Ion Ratio Lower Upper  
85 100  
87 0.0 15.9 47.7#

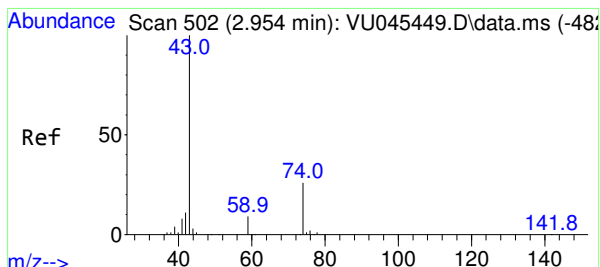
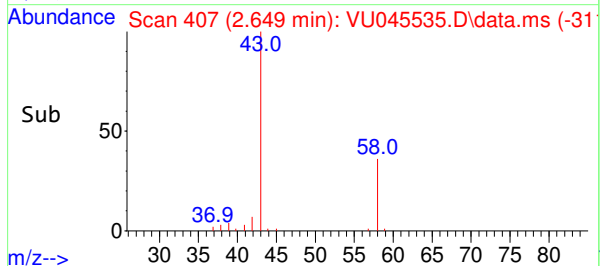
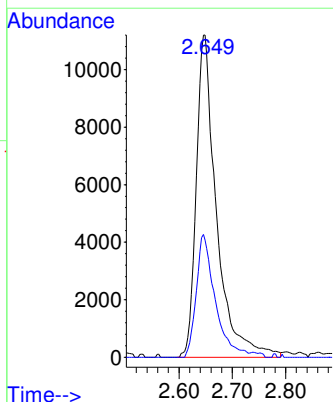
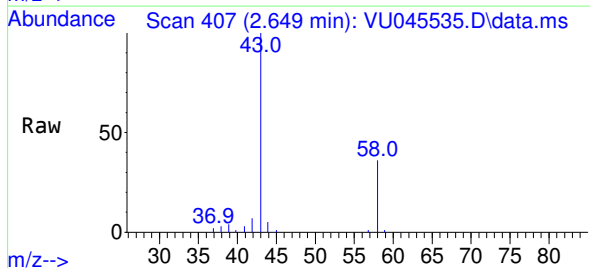




#16  
Acetone  
Concen: 22.38 ug/l  
RT: 2.649 min Scan# 41  
Delta R.T. 0.010 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

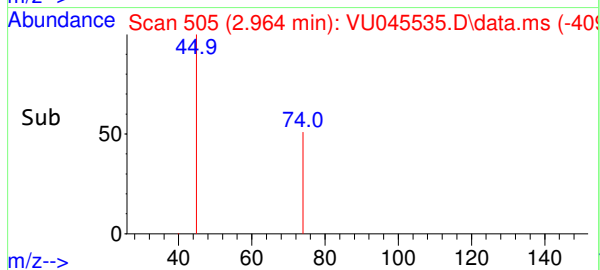
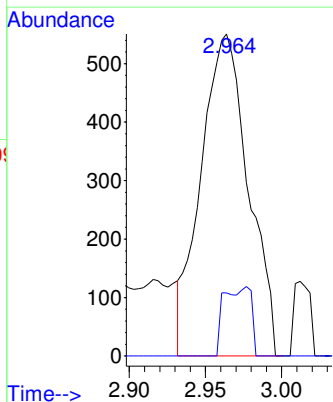
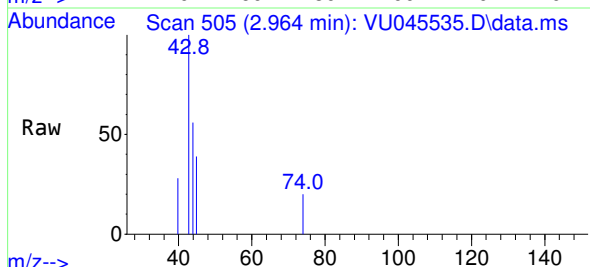
Instrument :  
MSVOA\_U  
ClientSampleId :

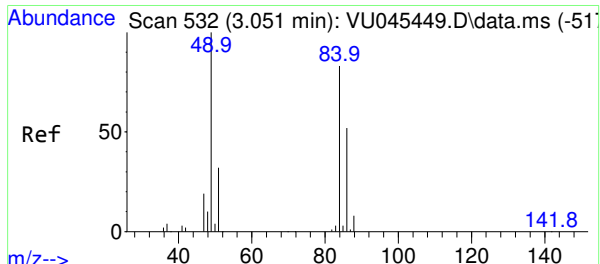
Tgt Ion: 43 Resp: 29584  
Ion Ratio Lower Upper  
43 100  
58 36.4 26.2 39.2



#18  
Methyl Acetate  
Concen: 0.24 ug/l  
RT: 2.964 min Scan# 505  
Delta R.T. 0.010 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

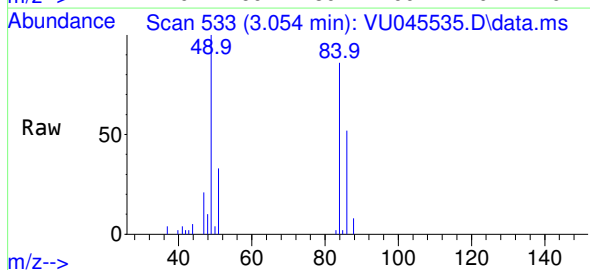
Tgt Ion: 43 Resp: 1194  
Ion Ratio Lower Upper  
43 100  
74 6.9 20.2 30.2#





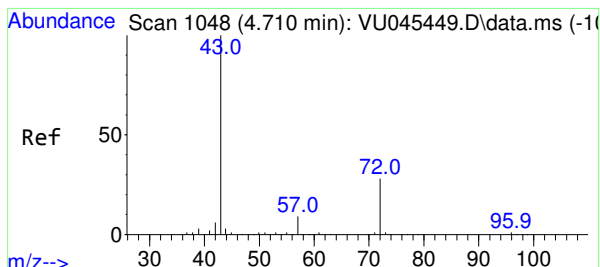
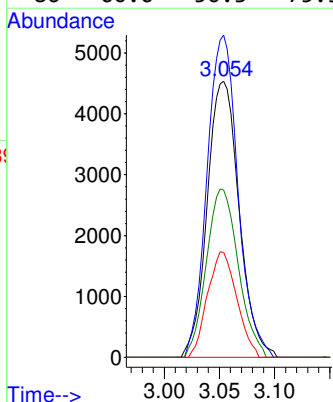
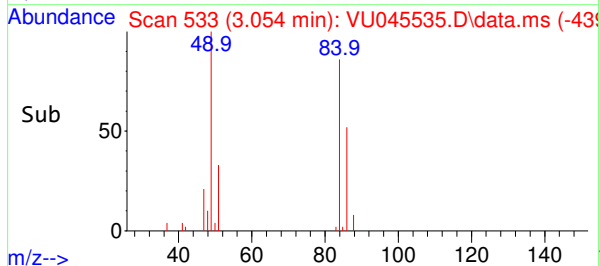
#20  
Methylene Chloride  
Concen: 3.47 ug/l  
RT: 3.054 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 84 Resp: 9134

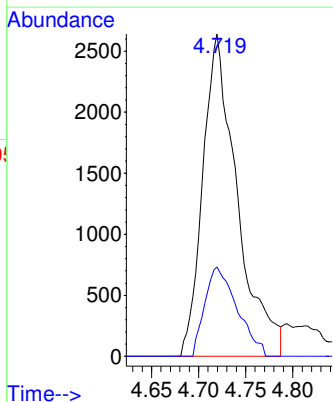
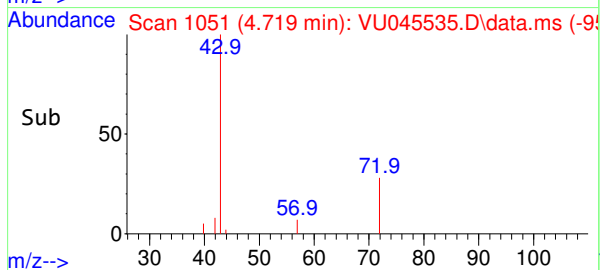
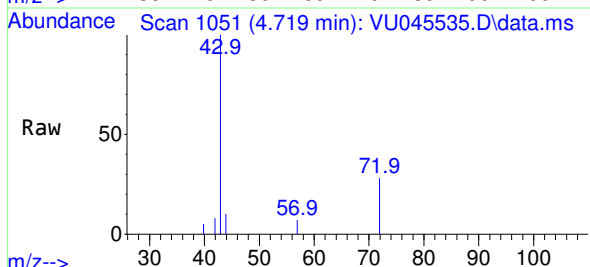
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 116.8 | 96.4  | 144.6 |
| 51  | 38.0  | 30.5  | 45.7  |
| 86  | 60.6  | 50.3  | 75.5  |

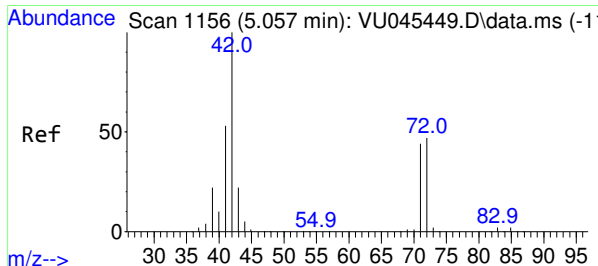


#25  
2-Butanone  
Concen: 3.36 ug/l  
RT: 4.719 min Scan# 1051  
Delta R.T. 0.010 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 43 Resp: 6703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 27.7  | 22.0  | 33.0  |

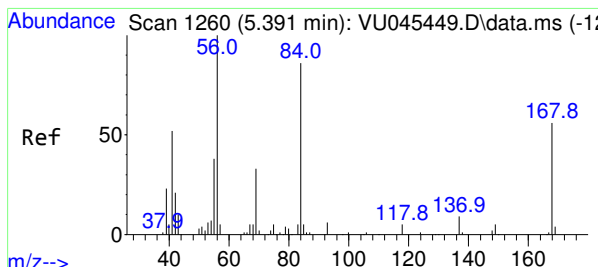
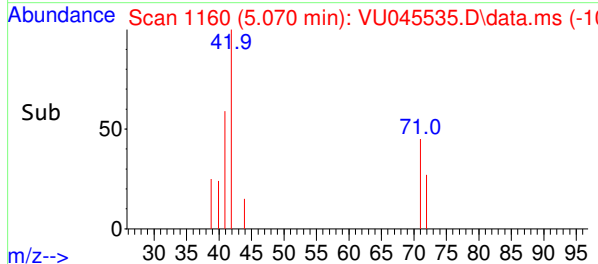
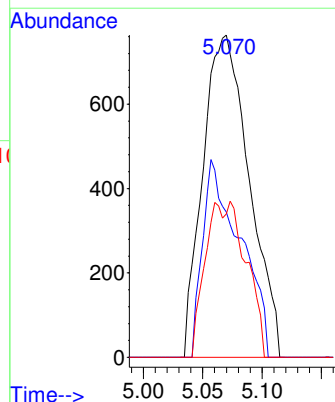
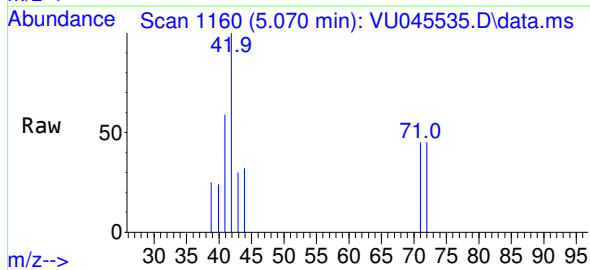




#29  
Tetrahydrofuran  
Concen: 1.61 ug/l  
RT: 5.070 min Scan# 1  
Delta R.T. 0.013 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

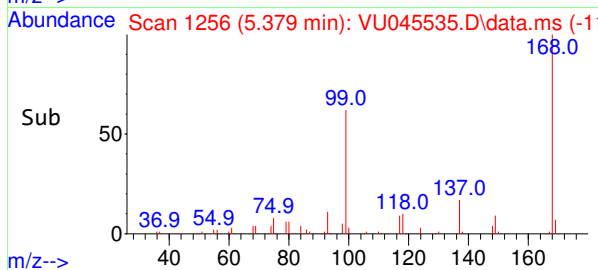
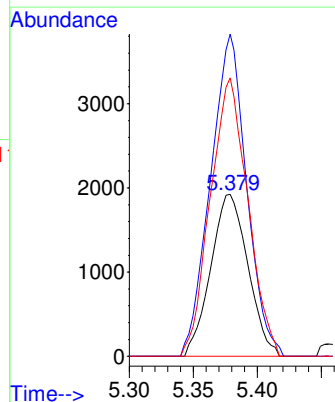
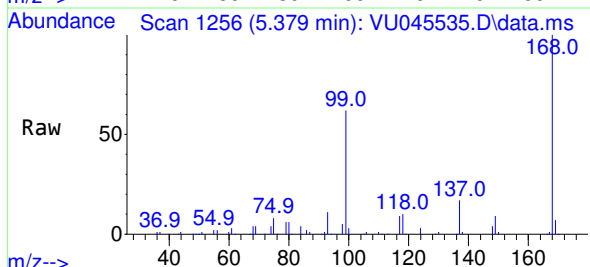
Instrument :  
MSVOA\_U  
ClientSampleId :

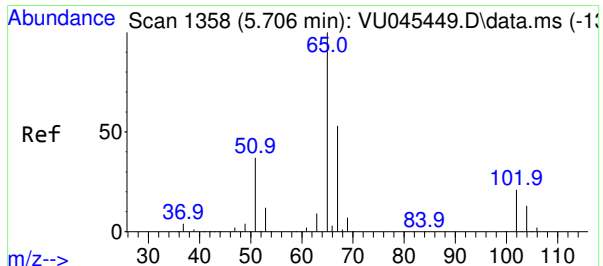
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2078  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 49.8  | 38.2  | 57.4  |
| 71       | 19.5  | 35.4  | 53.2# |



#31  
Cyclohexane  
Concen: 0.90 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.013 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 3883   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 199.0 | 26.4  | 39.6#  |
| 84       | 171.8 | 68.4  | 102.6# |

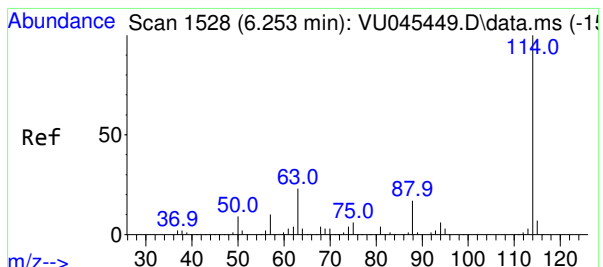
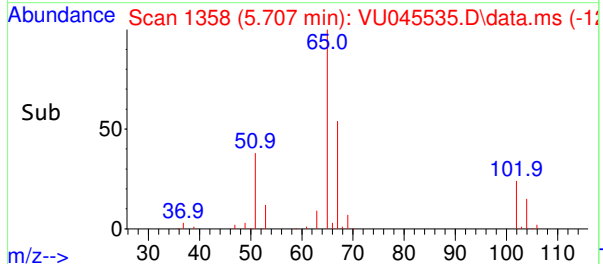
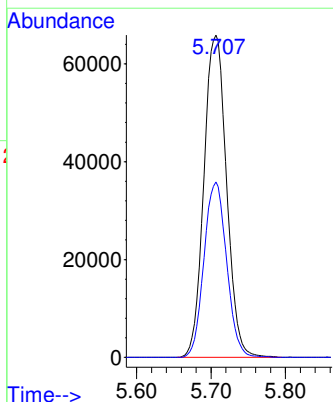
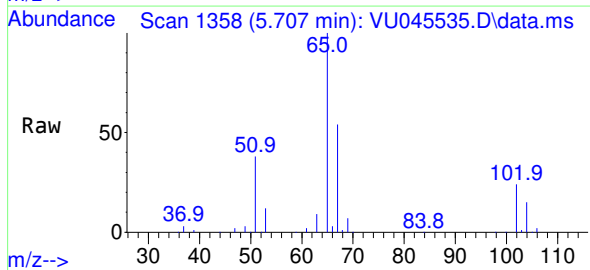




#33  
1,2-Dichloroethane-d4  
Concen: 47.91 ug/l  
RT: 5.707 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

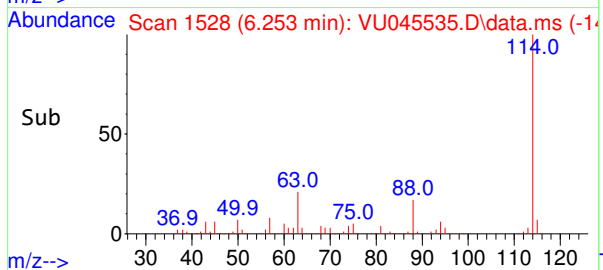
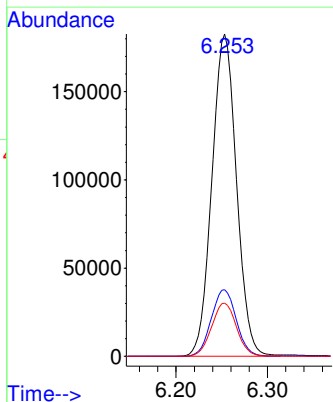
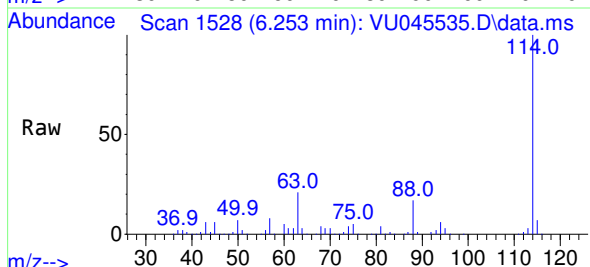
Instrument :  
MSVOA\_U  
ClientSampleId :

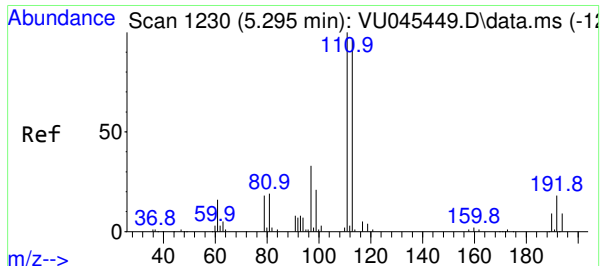
Tgt Ion: 65 Resp: 139520  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion:114 Resp: 341106  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 45.6  
88 16.5 0.0 33.8

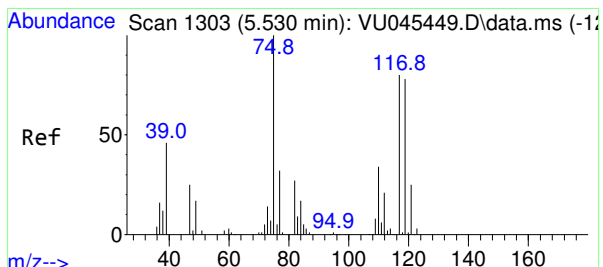
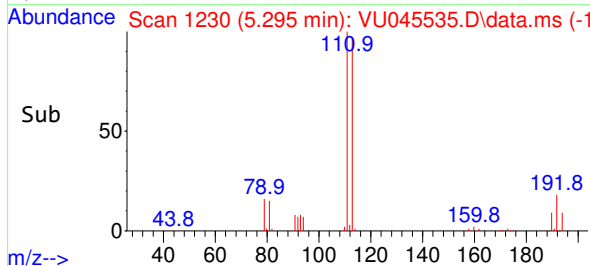
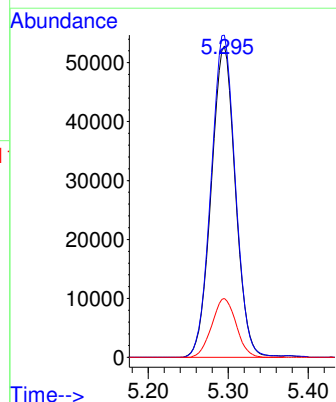
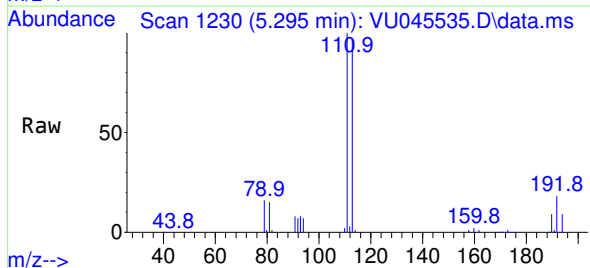




#35  
Dibromofluoromethane  
Concen: 51.36 ug/l  
RT: 5.295 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

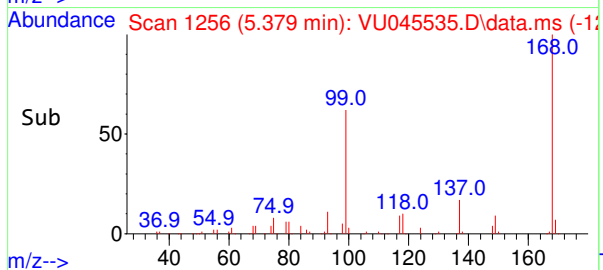
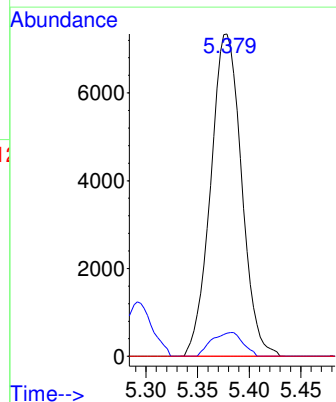
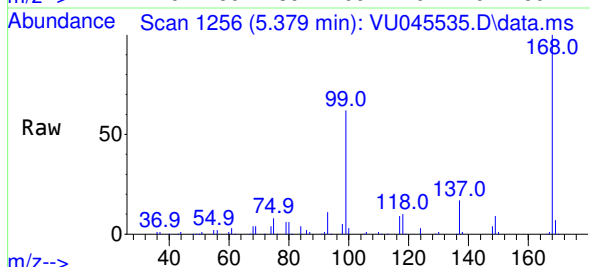
Instrument :  
MSVOA\_U  
ClientSampleId :

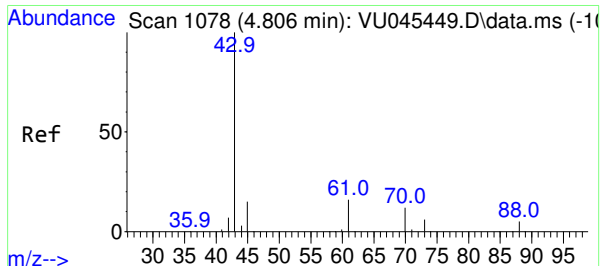
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.7 | 82.8  | 124.2 |
| 192     | 19.0  | 14.8  | 22.2  |



#36  
1,1-Dichloropropene  
Concen: 4.71 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.151 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

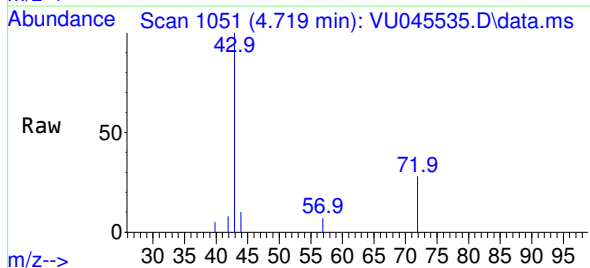
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 7.5   | 16.7  | 50.0# |
| 77      | 0.0   | 25.0  | 37.4# |



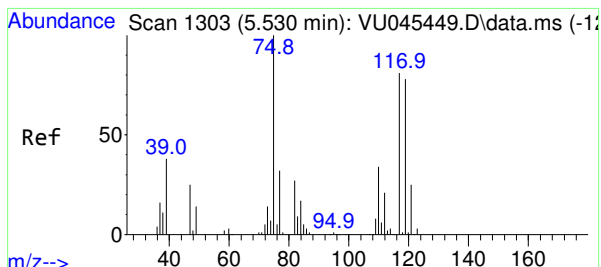
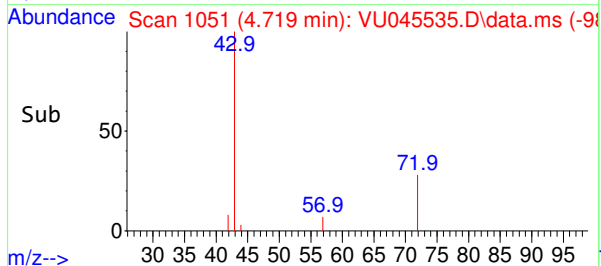
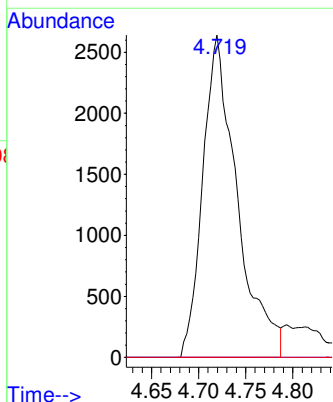


#37  
Ethyl Acetate  
Concen: 1.70 ug/l  
RT: 4.719 min Scan# 1  
Delta R.T. -0.087 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Instrument :  
MSVOA\_U  
ClientSampleId :

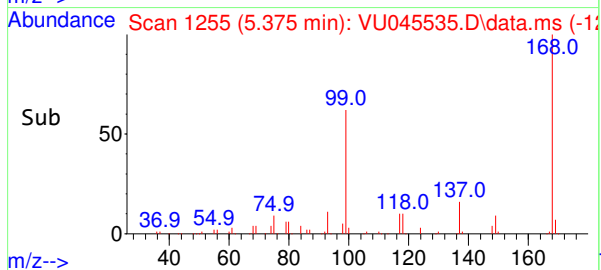
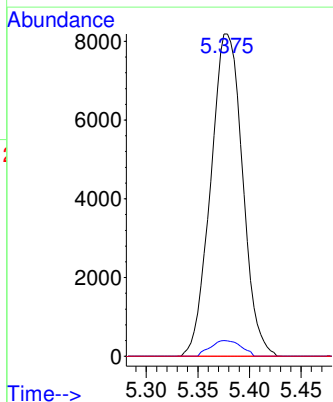
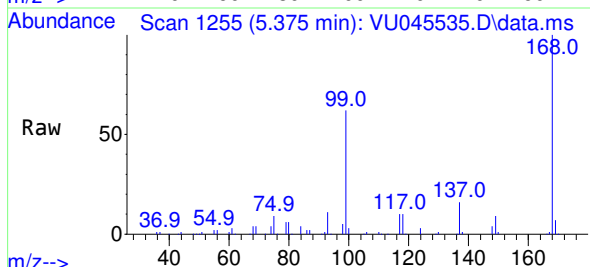


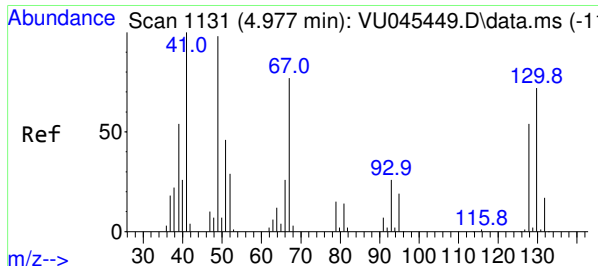
Tgt Ion: 43 Resp: 6703  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.6 17.4#  
70 0.0 9.1 13.7#



#38  
Carbon Tetrachloride  
Concen: 6.21 ug/l  
RT: 5.375 min Scan# 1255  
Delta R.T. -0.154 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion:117 Resp: 17586  
Ion Ratio Lower Upper  
117 100  
119 4.9 77.4 116.0#  
121 0.0 24.8 37.2#

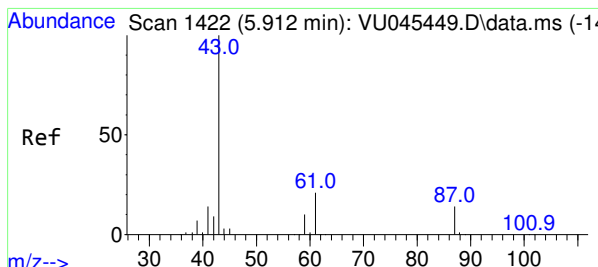
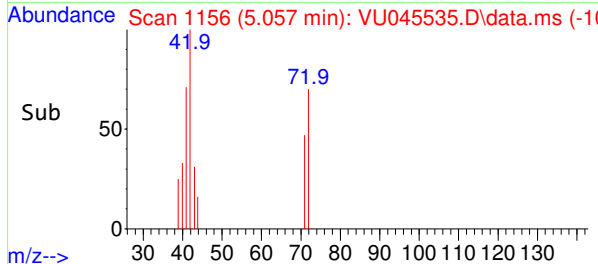
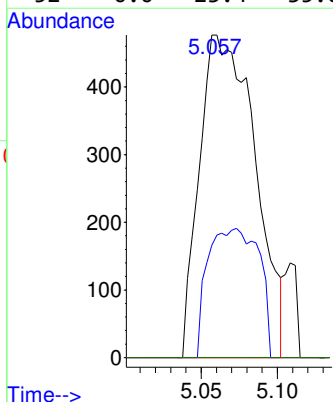
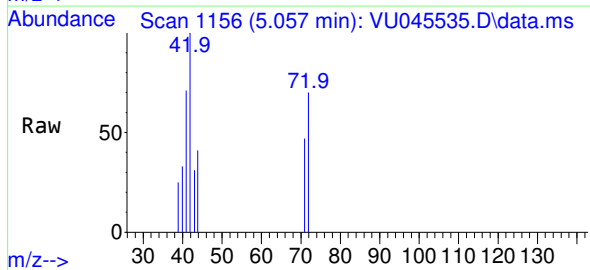




#41  
Methacrylonitrile  
Concen: 0.58 ug/l  
RT: 5.057 min Scan# 1  
Delta R.T. 0.080 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

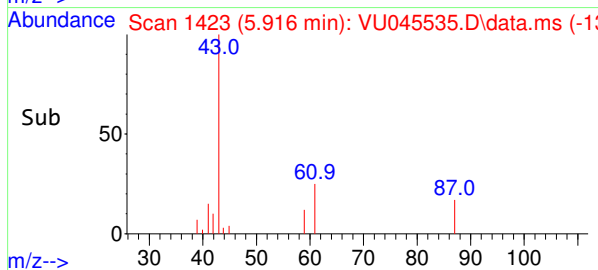
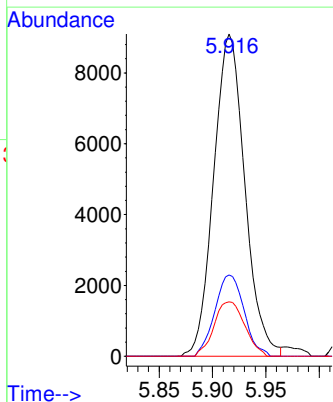
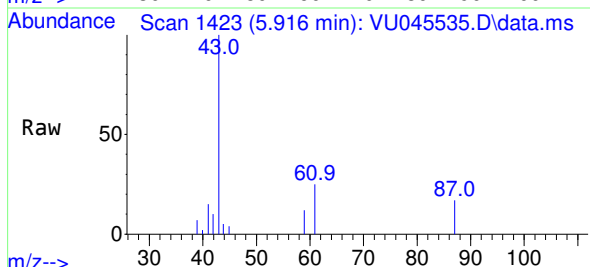
Instrument :  
MSVOA\_U  
ClientSampleId :

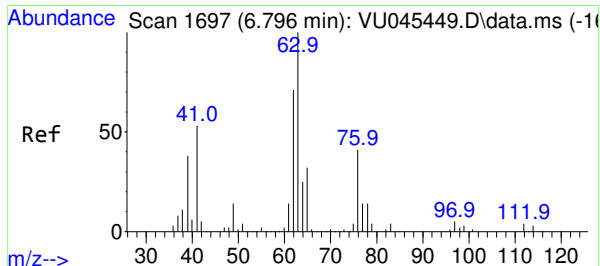
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1208  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 36.8  | 43.4  | 65.0# |
| 67       | 0.0   | 61.0  | 91.4# |
| 52       | 0.0   | 23.4  | 35.0# |



#43  
Isopropyl Acetate  
Concen: 3.12 ug/l  
RT: 5.916 min Scan# 1423  
Delta R.T. 0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18497 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 23.7  | 16.9  | 25.3  |
| 87       | 16.7  | 11.0  | 16.4# |

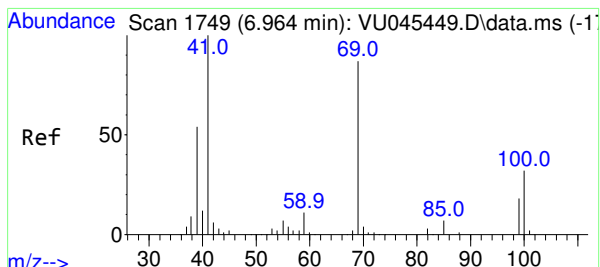
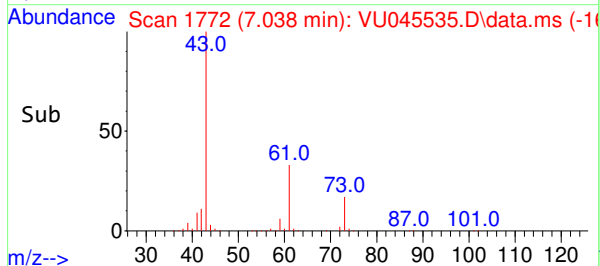
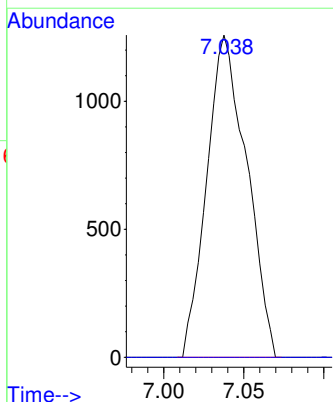
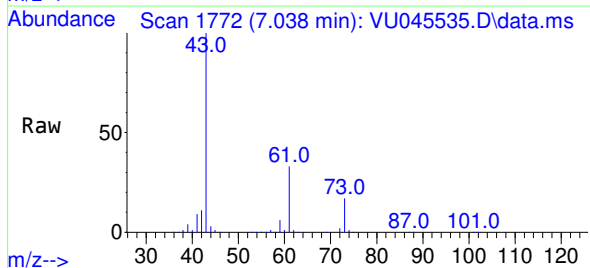




#45  
1,2-Dichloropropane  
Concen: 0.85 ug/l  
RT: 7.038 min Scan# 1  
Delta R.T. 0.241 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

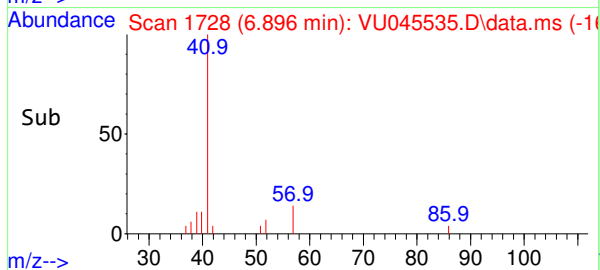
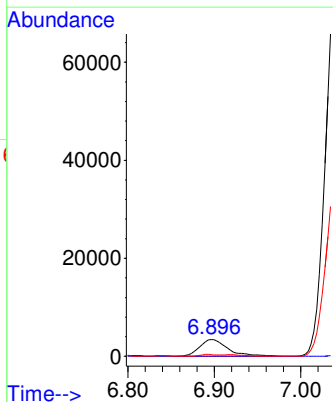
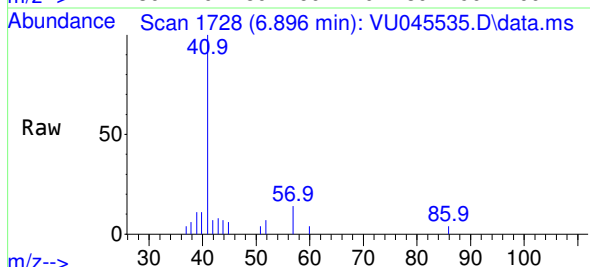
Instrument :  
MSVOA\_U  
ClientSampleId :

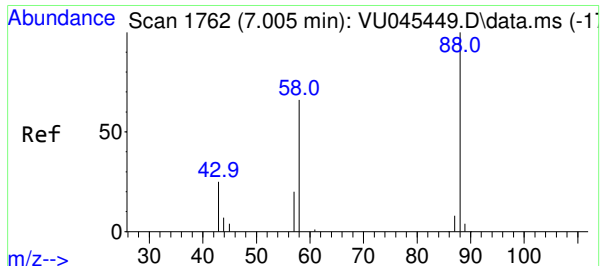
Tgt Ion: 63 Resp: 2187  
Ion Ratio Lower Upper  
63 100  
65 0.0 25.7 38.5#



#48  
Methyl methacrylate  
Concen: 2.78 ug/l  
RT: 6.896 min Scan# 1728  
Delta R.T. -0.067 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 41 Resp: 7805  
Ion Ratio Lower Upper  
41 100  
69 0.0 70.2 105.2#  
39 0.0 43.9 65.9#

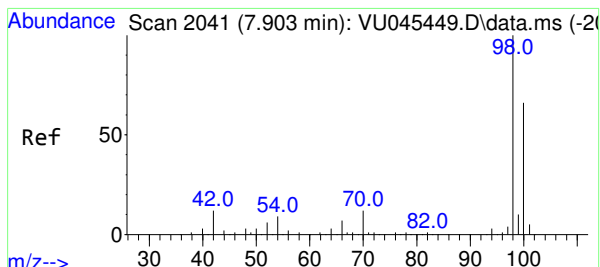
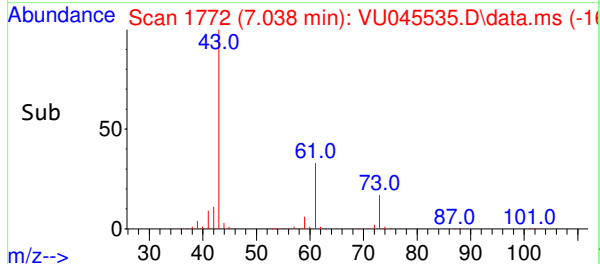
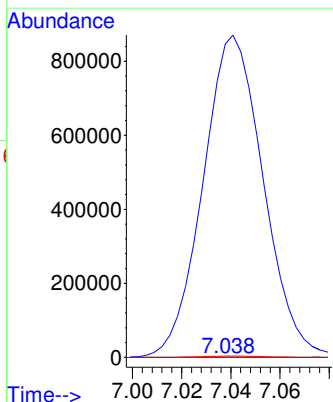
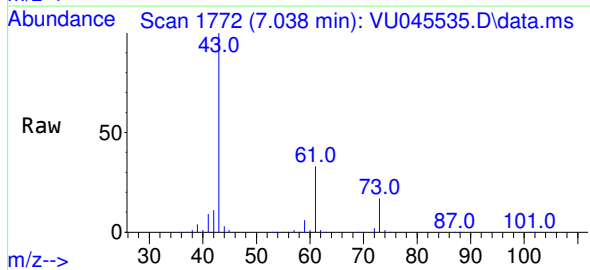




#49  
1,4-Dioxane  
Concen: 4.12 ug/l  
RT: 7.038 min Scan# 1  
Delta R.T. 0.032 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

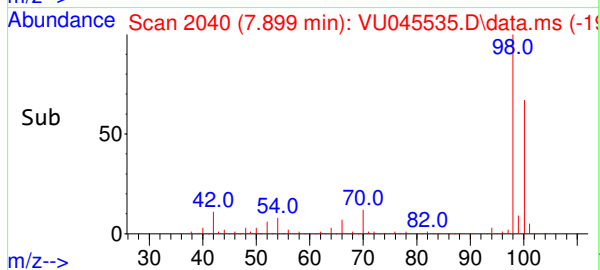
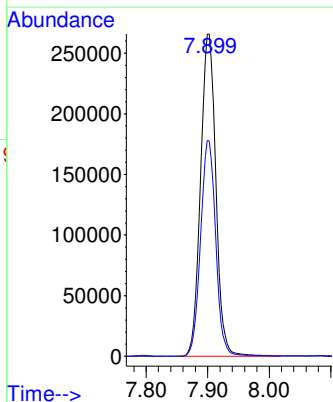
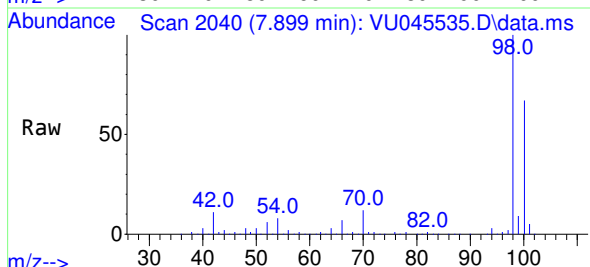
Instrument :  
MSVOA\_U  
ClientSampleId :

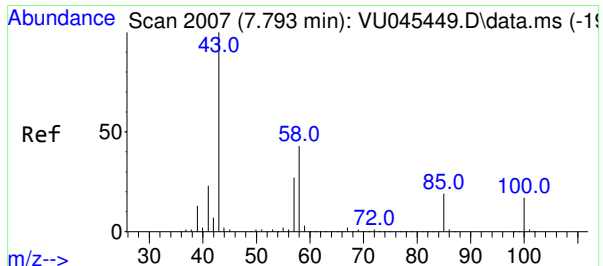
Tgt Ion: 88 Resp: 294  
Ion Ratio Lower Upper  
88 100  
43 510155.4 0.0 0.0#  
58 2265.0 58.7 88.1#



#50  
Toluene-d8  
Concen: 53.98 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 98 Resp: 459098  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.5 78.7

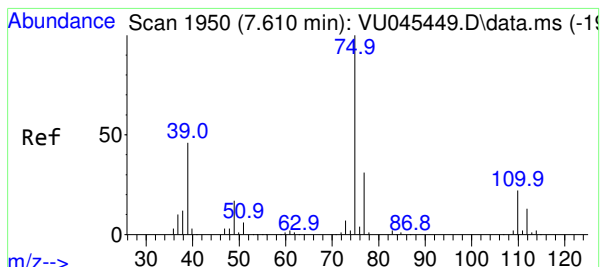
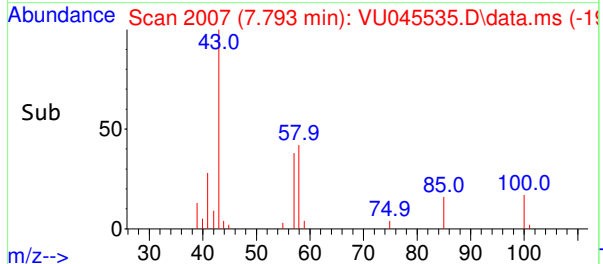
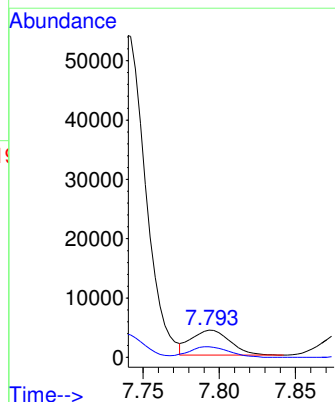
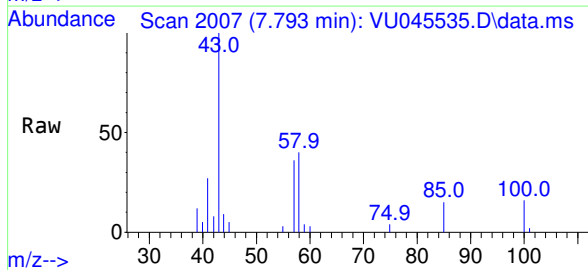




#51  
4-Methyl-2-Pentanone  
Concen: 1.95 ug/l  
RT: 7.793 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

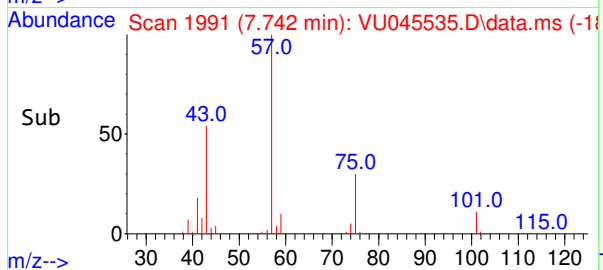
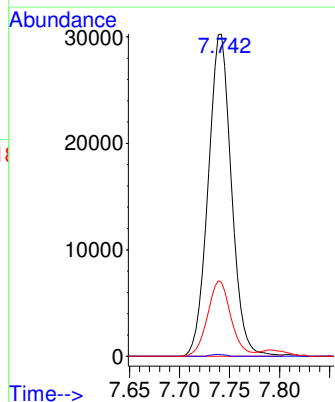
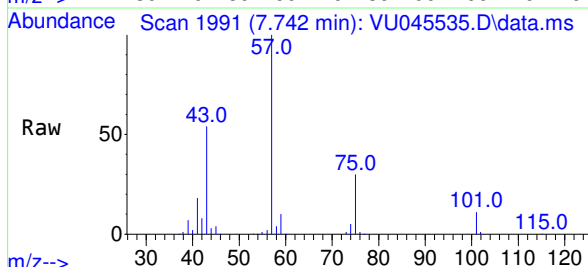
Instrument :  
MSVOA\_U  
ClientSampleId :

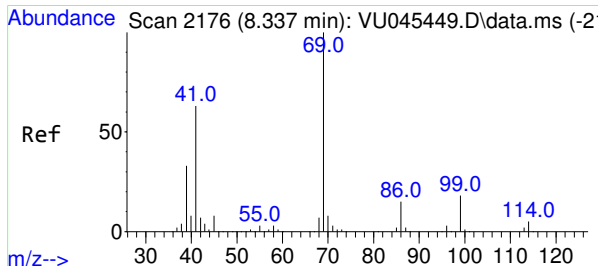
Tgt Ion: 43 Resp: 7465  
Ion Ratio Lower Upper  
43 100  
58 43.9 33.8 50.8



#54  
cis-1,3-Dichloropropene  
Concen: 12.20 ug/l  
RT: 7.742 min Scan# 1991  
Delta R.T. 0.132 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 75 Resp: 49105  
Ion Ratio Lower Upper  
75 100  
77 0.6 24.6 37.0#  
39 23.0 37.1 55.7#

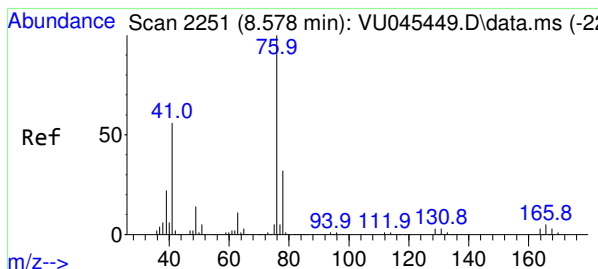
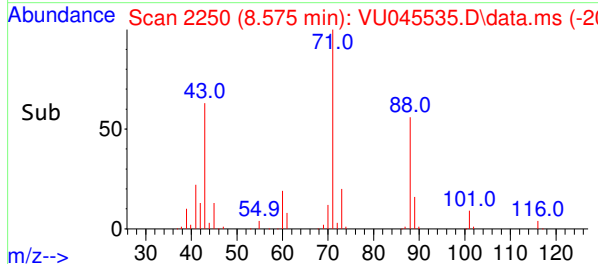
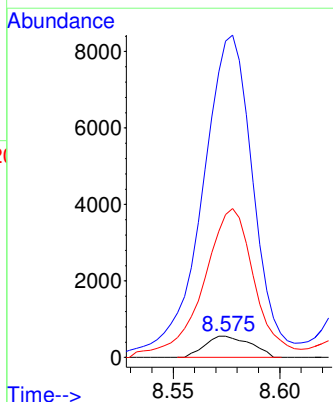
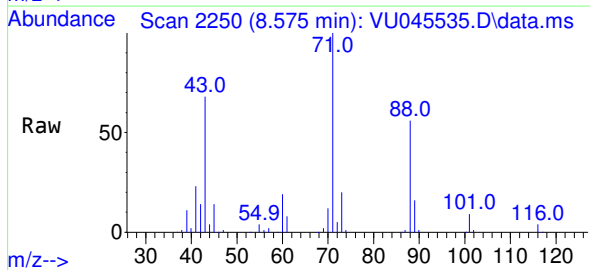




#56  
Ethyl methacrylate  
Concen: 1.82 ug/l  
RT: 8.575 min Scan# 2176  
Delta R.T. 0.238 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

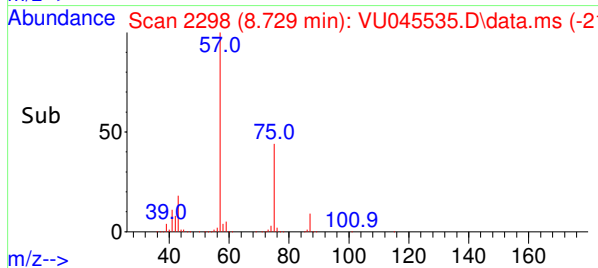
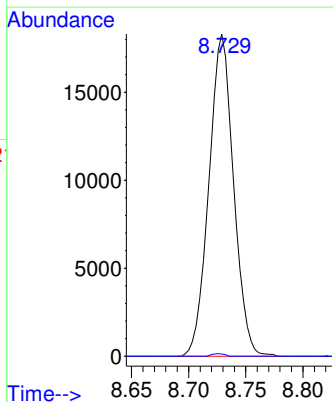
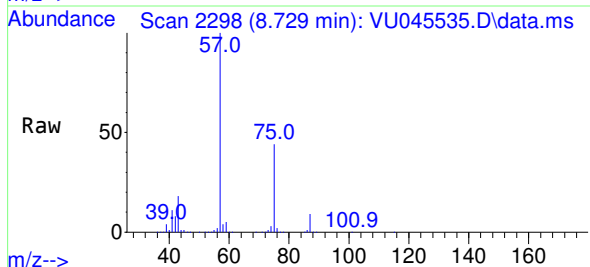
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MSVOA\_U  
ClientSampleId :

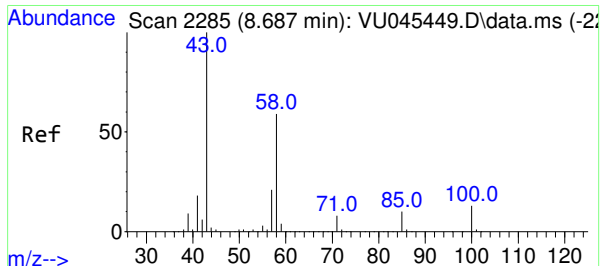
Tgt Ion: 69 Resp: 826  
Ion Ratio Lower Upper  
69 100  
41 1705.2 51.0 76.4#  
39 789.8 26.6 39.8#



#57  
1,3-Dichloropropane  
Concen: 6.38 ug/l  
RT: 8.729 min Scan# 2298  
Delta R.T. 0.151 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 76 Resp: 27489  
Ion Ratio Lower Upper  
76 100  
78 0.4 25.8 38.8#

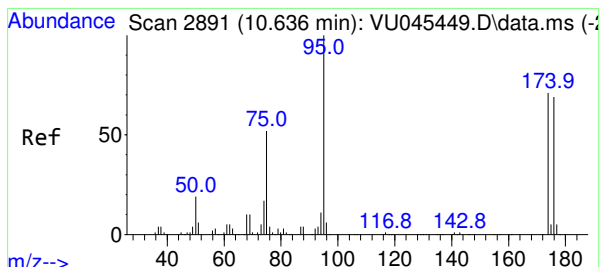
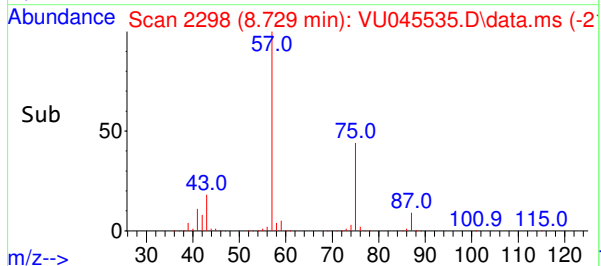
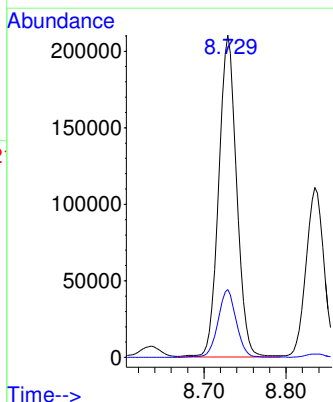
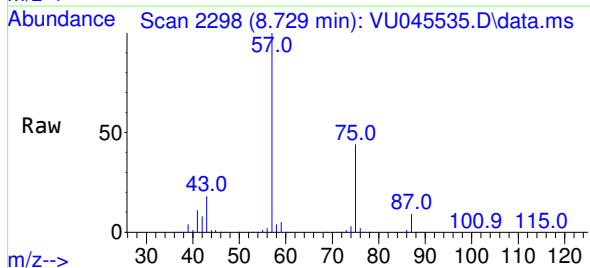




#59  
2-Hexanone  
Concen: 107.31 ug/l  
RT: 8.729 min Scan# 21  
Delta R.T. 0.042 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

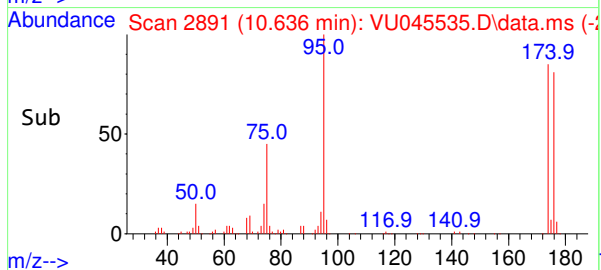
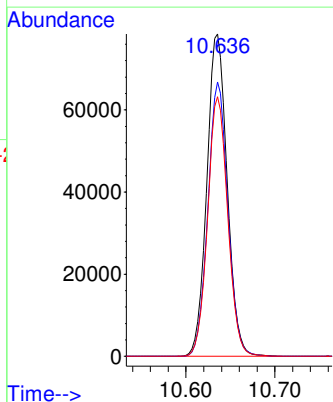
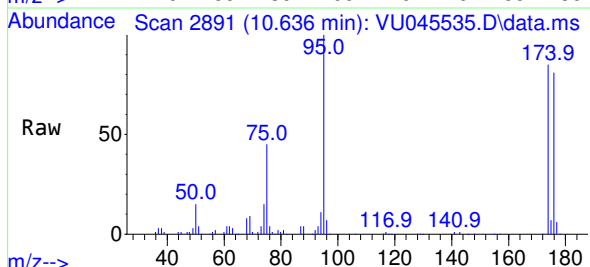
Instrument :  
MSVOA\_U  
ClientSampleId :

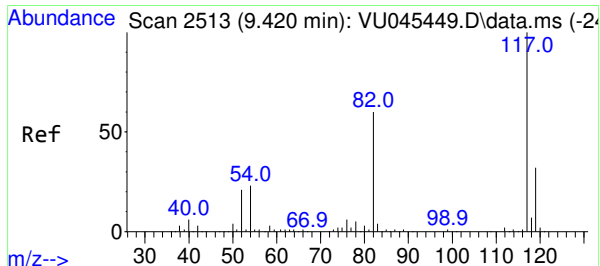
Tgt Ion: 43 Resp: 318473  
Ion Ratio Lower Upper  
43 100  
58 21.6 29.5 88.6#



#62  
4-Bromofluorobenzene  
Concen: 38.54 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion: 95 Resp: 124899  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 141.8  
176 79.7 0.0 138.2

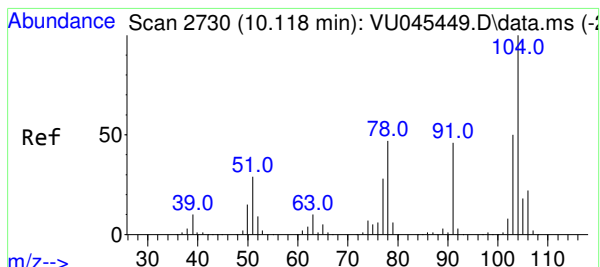
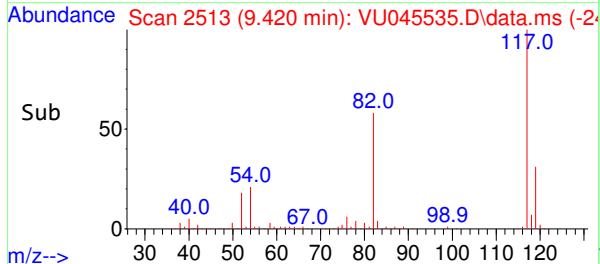
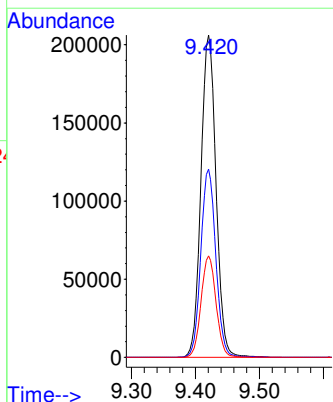
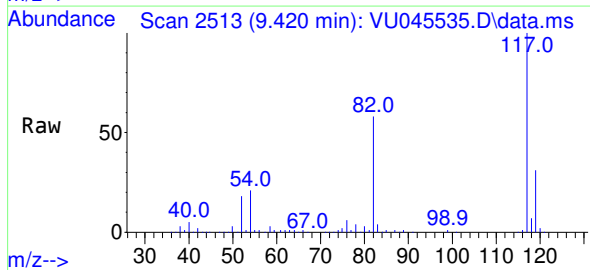




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.420 min Scan# 2  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

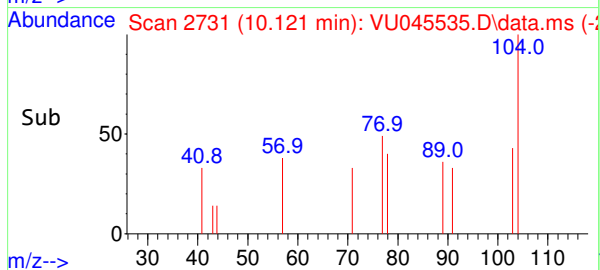
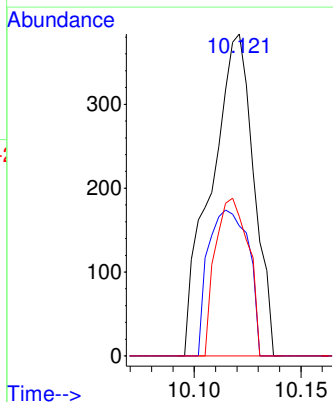
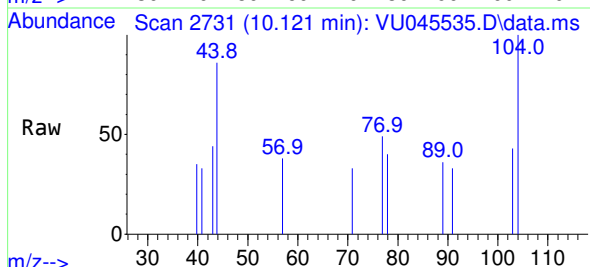
Instrument :  
MSVOA\_U  
ClientSampleId :

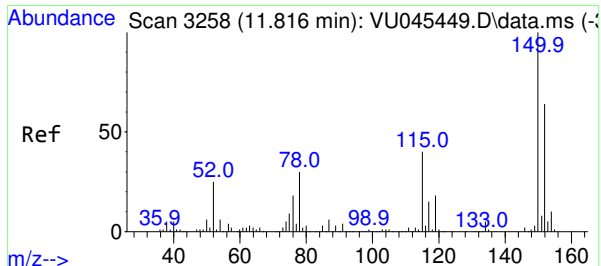
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 338112 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.4  | 47.8  | 71.8   |
| 119      | 31.5  | 25.8  | 38.8   |



#70  
Styrene  
Concen: 1.04 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 104   | Resp: | 532   |
| Ion      | Ratio | Lower | Upper |
| 104      | 100   |       |       |
| 78       | 42.9  | 41.8  | 62.6  |
| 103      | 38.0  | 43.8  | 65.6# |

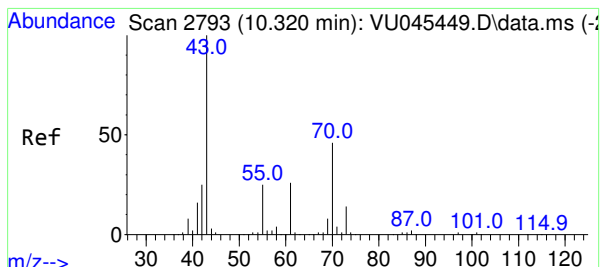
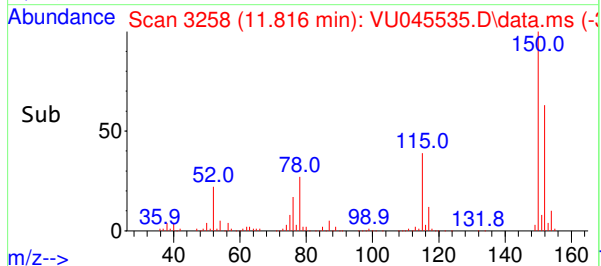
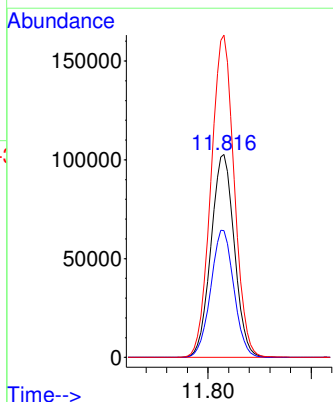
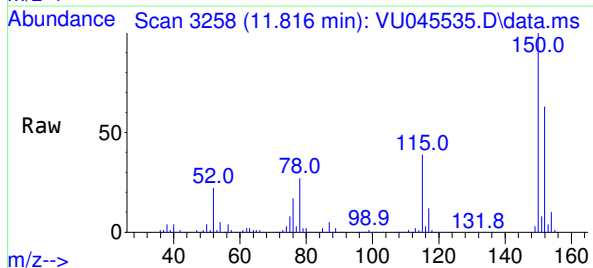




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.816 min Scan# 3  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

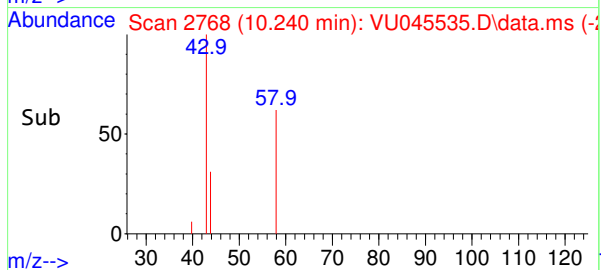
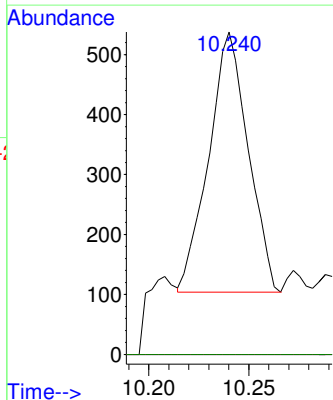
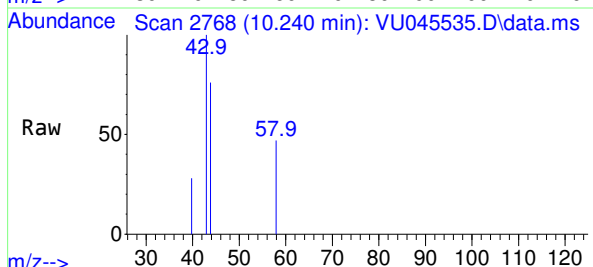
Instrument :  
MSVOA\_U  
ClientSampleId :

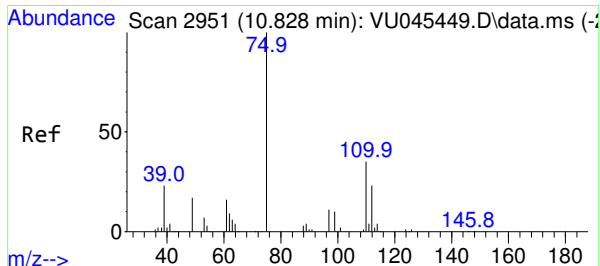
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 161313 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.0  | 42.7  | 128.1  |
| 150      | 158.2 | 0.0   | 346.8  |



#74  
N-ethyl acetate  
Concen: 1.26 ug/l  
RT: 10.240 min Scan# 2768  
Delta R.T. -0.080 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 595   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 36.9  | 55.3# |
| 55       | 0.0   | 20.6  | 31.0# |
| 61       | 0.0   | 20.5  | 30.7# |

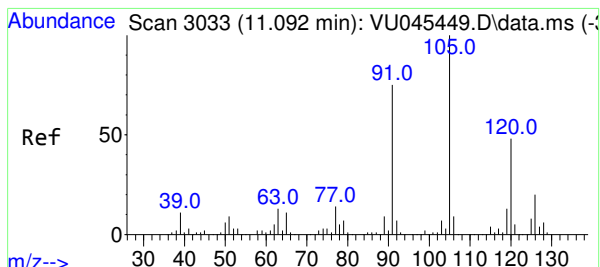
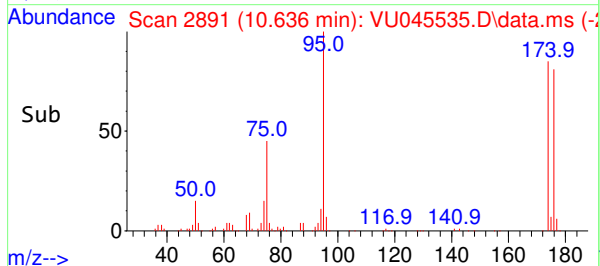
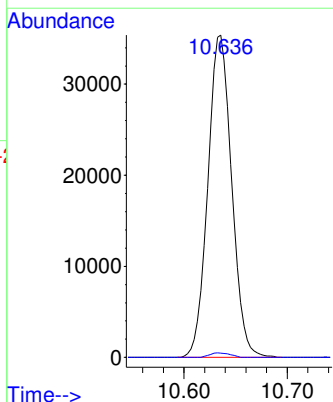
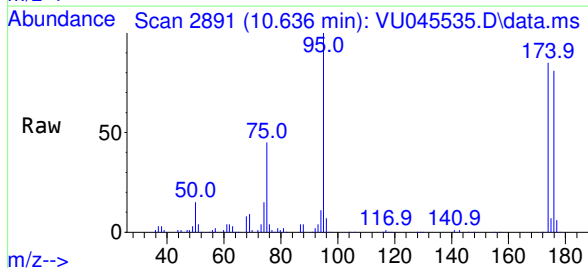




#76  
1,2,3-Trichloropropane  
Concen: 13.20 ug/l  
RT: 10.636 min Scan# 2  
Delta R.T. -0.193 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

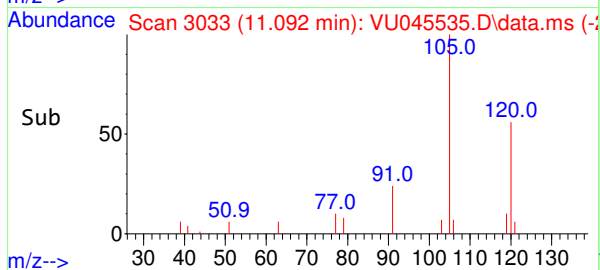
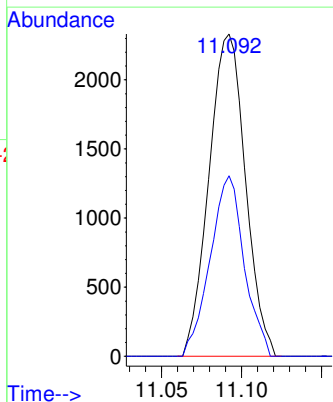
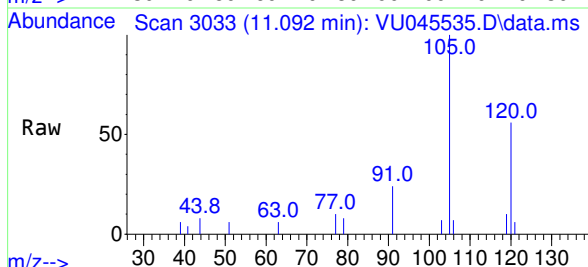
Instrument :  
MSVOA\_U  
ClientSampleId :

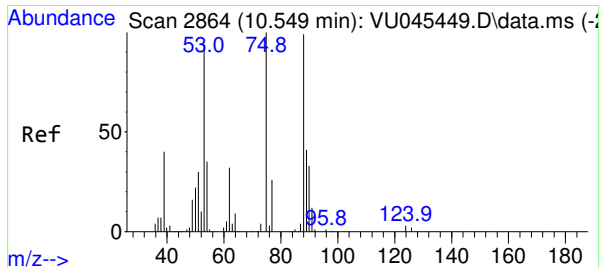
Tgt Ion: 75 Resp: 56750  
Ion Ratio Lower Upper  
75 100  
77 1.2 17.1 51.3#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.40 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion:105 Resp: 3702  
Ion Ratio Lower Upper  
105 100  
120 52.3 23.9 71.8

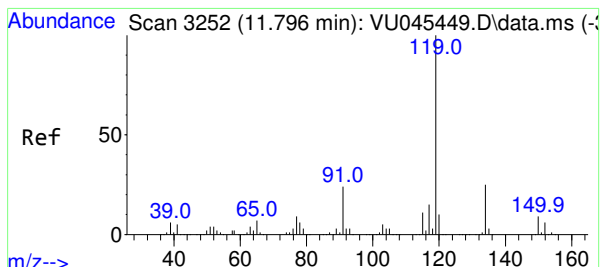
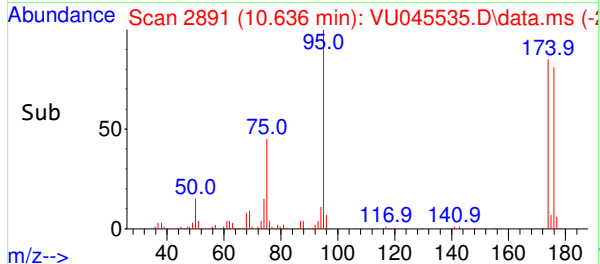
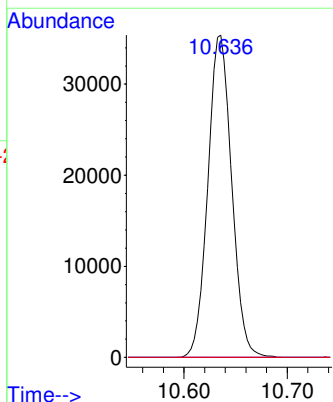
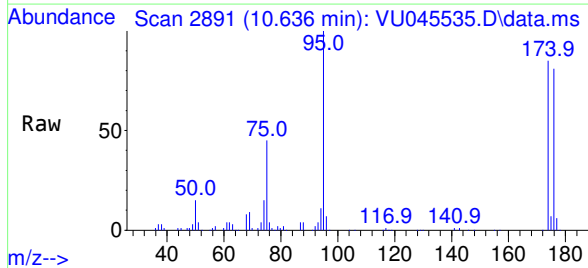




#81  
trans-1,4-Dichloro-2-butene  
Concen: 37.60 ug/l  
RT: 10.636 min Scan# 21  
Delta R.T. 0.087 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

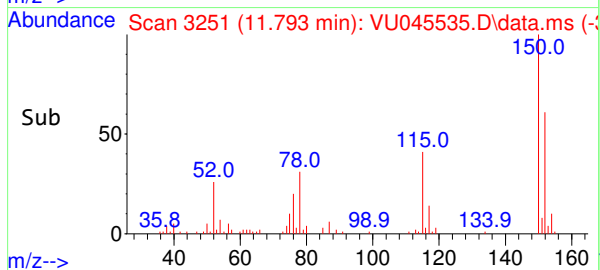
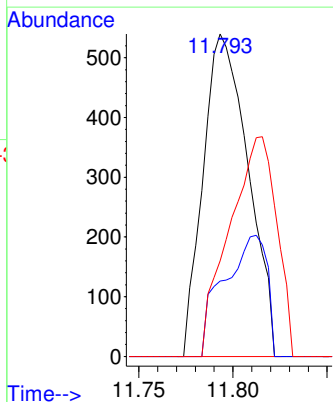
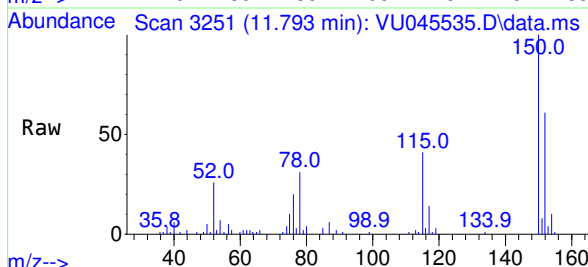
Instrument :  
MSVOA\_U  
ClientSampleId :

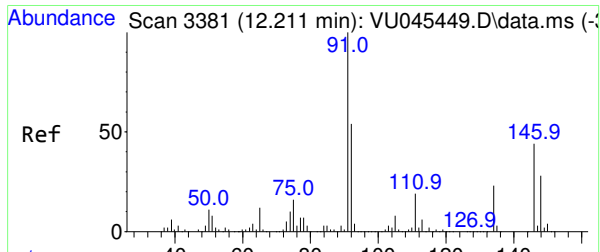
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 56750  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 0.0   | 76.2  | 114.4# |
| 89       | 0.0   | 34.0  | 51.0#  |



#86  
p-Isopropyltoluene  
Concen: 0.27 ug/l  
RT: 11.793 min Scan# 3251  
Delta R.T. -0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 896   |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 0.0   | 12.7  | 38.1# |
| 91       | 0.0   | 12.2  | 36.4# |

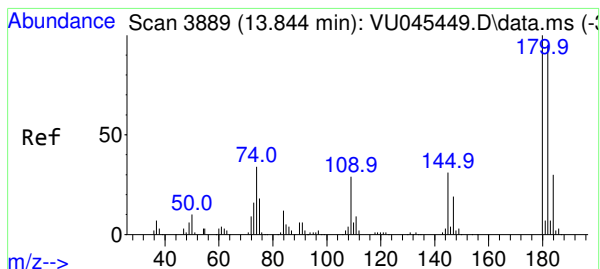
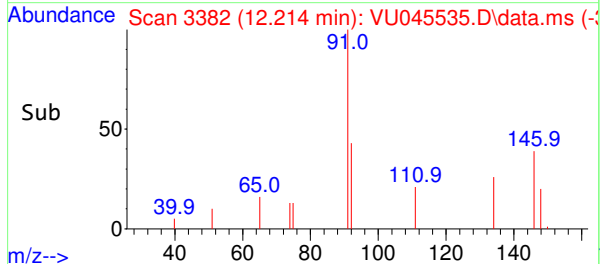
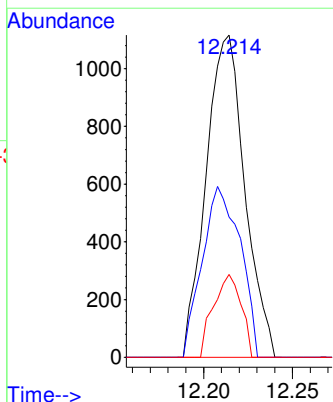
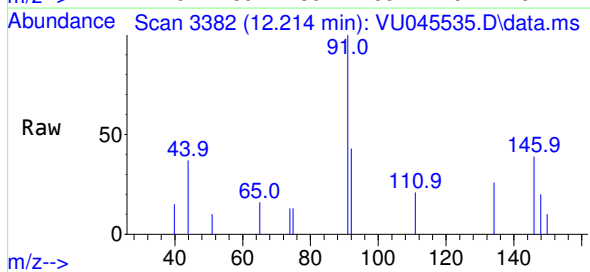




#89  
n-Butylbenzene  
Concen: 1.10 ug/l  
RT: 12.214 min Scan# 3381  
Delta R.T. 0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

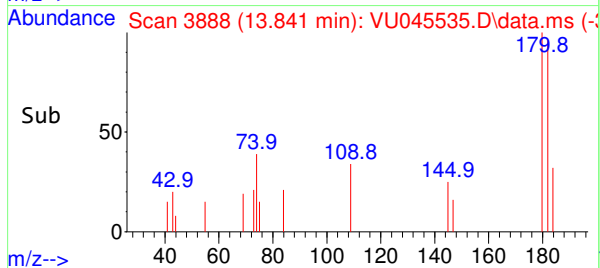
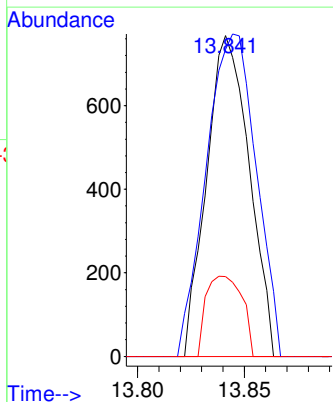
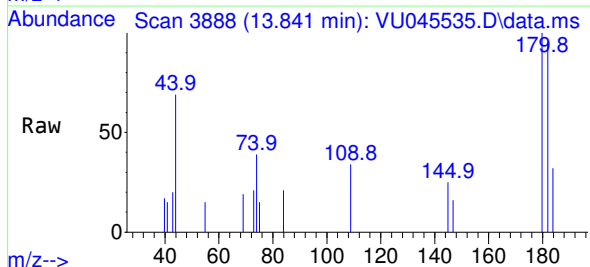
Instrument :  
MSVOA\_U  
ClientSampleId :

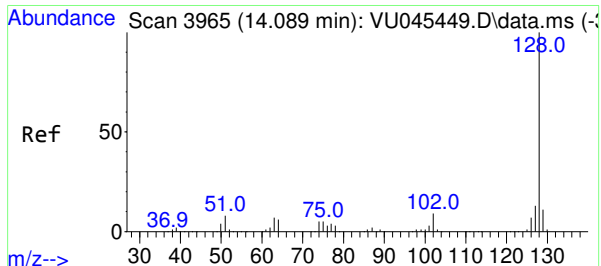
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 1690  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.0  | 27.1  | 81.2  |
| 134      | 18.4  | 11.8  | 35.4  |



#93  
1,2,4-Trichlorobenzene  
Concen: 0.32 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. -0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1062  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 117.9 | 47.0  | 141.2 |
| 145      | 21.1  | 15.6  | 46.7  |

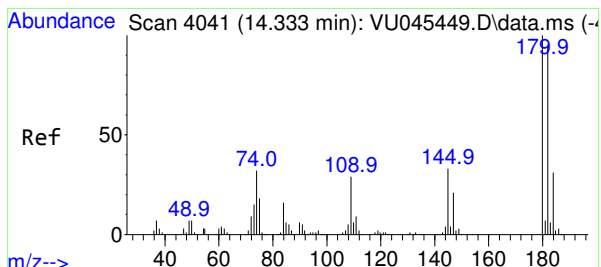
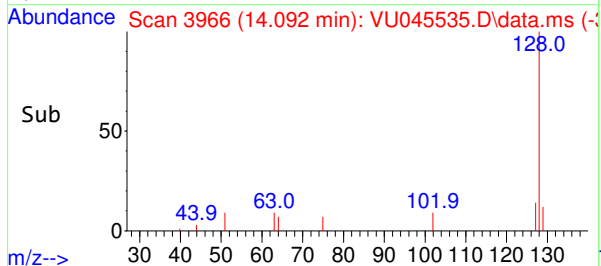
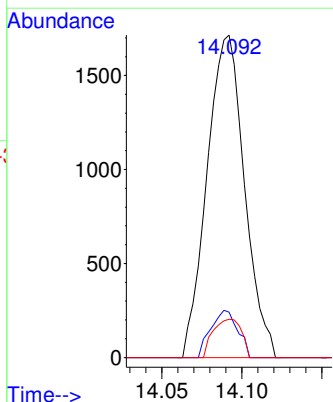
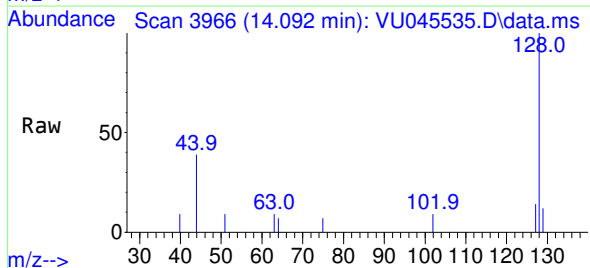




#95  
Naphthalene  
Concen: 0.31 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.003 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:128 Resp: 2794  
Ion Ratio Lower Upper  
128 100  
127 10.6 10.6 15.8#  
129 9.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 0.29 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VU045535.D  
Acq: 03 Nov 2021 21:19

Tgt Ion:180 Resp: 979  
Ion Ratio Lower Upper  
180 100  
182 79.2 47.7 143.1  
145 22.6 16.7 50.0

