

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102822\  
 Data File : VX032470.D  
 Acq On : 28 Oct 2022 19:18  
 Operator : JC/MD  
 Sample : N5193-09ME  
 Misc : 7.55g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LSP-SS-04-15-3ME

Quant Time: Oct 29 04:34:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

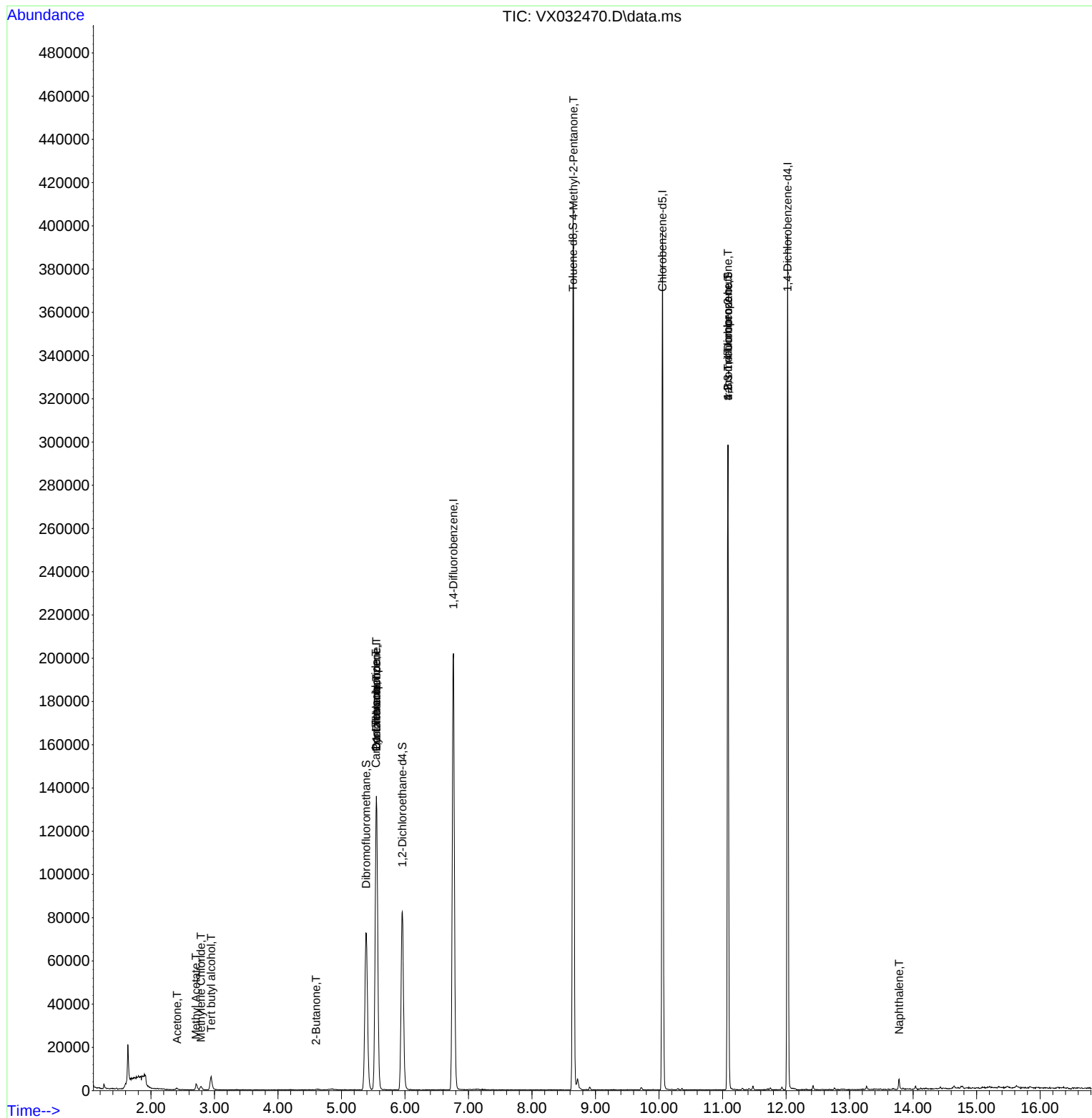
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 126882     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 207287     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 174782     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 79835      | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 83344      | 47.274   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 94.540%  |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 63110      | 42.682   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 85.360%  |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 243153     | 47.293   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 94.580%  |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 79546      | 39.607   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 79.220%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 11) Tert butyl alcohol        | 2.946          | 59   | 3681       | 14.345   | ug/l # | 72       |
| 16) Acetone                   | 2.410          | 43   | 912        | 1.423    | ug/l   | 99       |
| 18) Methyl Acetate            | 2.709          | 43   | 3413       | 1.638    | ug/l   | 98       |
| 20) Methylene Chloride        | 2.788          | 84   | 955        | 0.650    | ug/l   | 90       |
| 25) 2-Butanone                | 4.599          | 43   | 217        | 0.219    | ug/l # | 47       |
| 31) Cyclohexane               | 5.550          | 56   | 2843       | 1.330    | ug/l # | 31       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 9926       | 4.821    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.544          | 117  | 13301      | 5.824    | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.653          | 43   | 1219       | 0.588    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 43164      | 24.302   | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 43164      | 77.330   | ug/l # | 6        |
| 95) Naphthalene               | 13.780         | 128  | 3370       | 0.538    | ug/l   | 99       |
| -----                         |                |      |            |          |        |          |

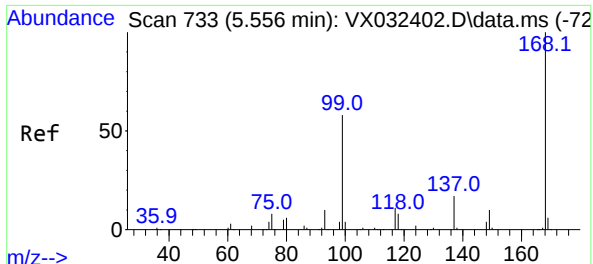
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102822\  
Data File : VX032470.D  
Acq On : 28 Oct 2022 19:18  
Operator : JC/MD  
Sample : N5193-09ME  
Misc : 7.55g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

Quant Time: Oct 29 04:34:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

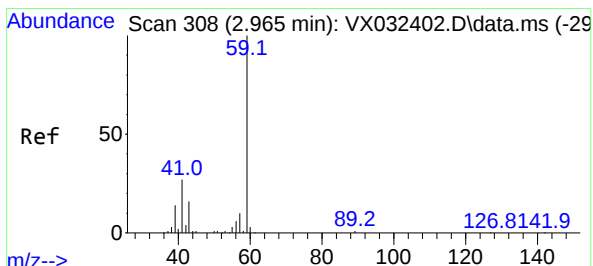
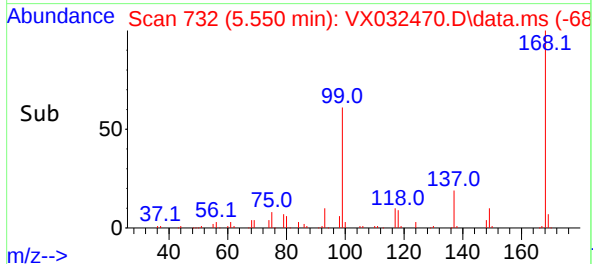
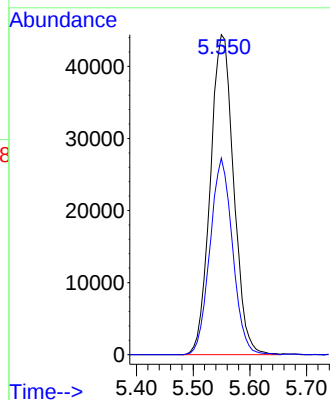
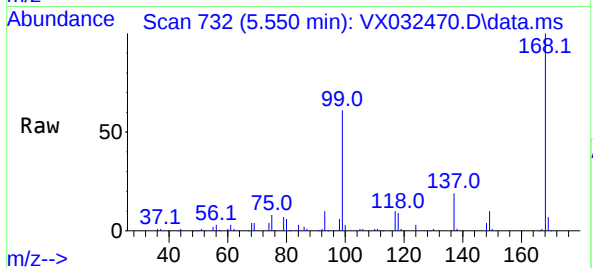




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

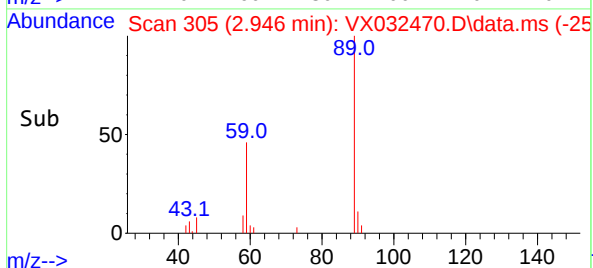
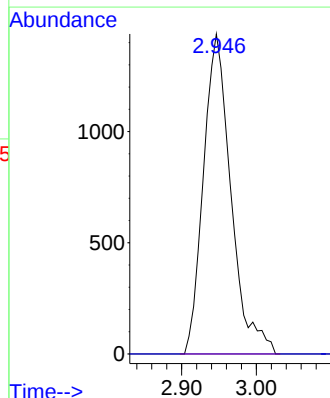
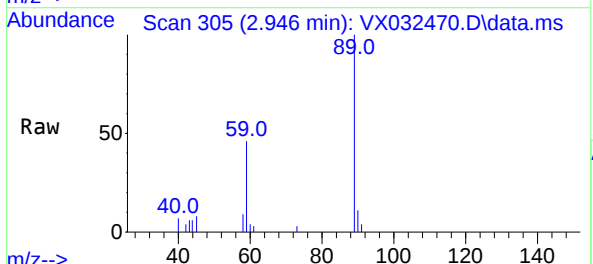
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

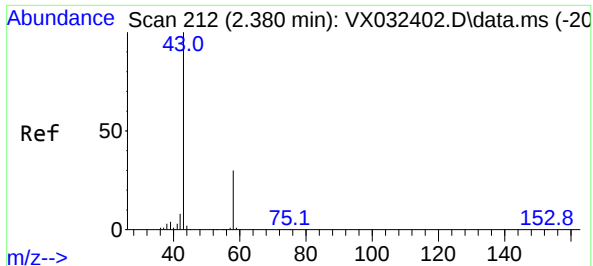
Tgt Ion:168 Resp: 126882  
Ion Ratio Lower Upper  
168 100  
99 61.4 46.1 69.1



#11  
Tert butyl alcohol  
Concen: 14.345 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.018 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 59 Resp: 3681  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

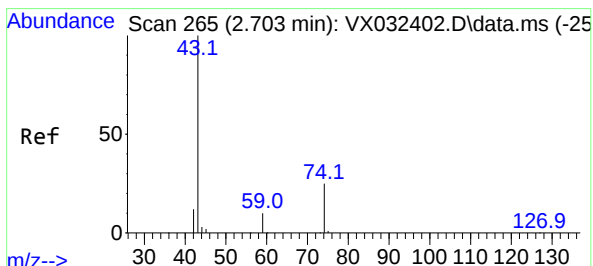
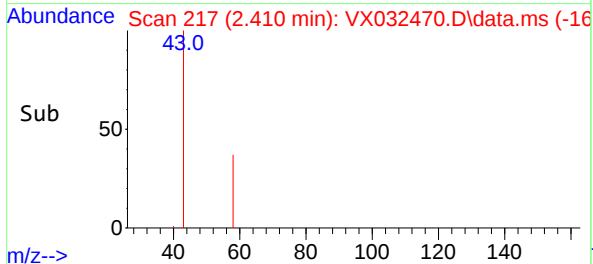
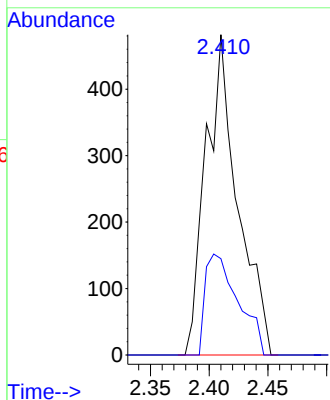
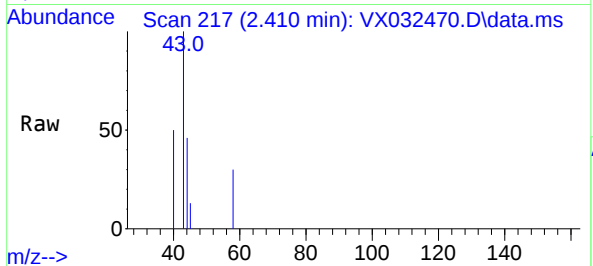




#16  
Acetone  
Concen: 1.423 ug/l  
RT: 2.410 min Scan# 217  
Delta R.T. 0.030 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

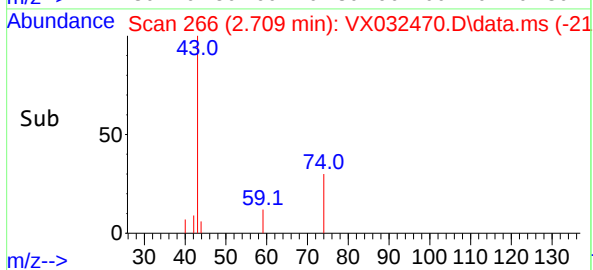
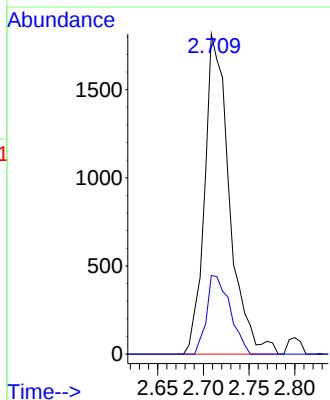
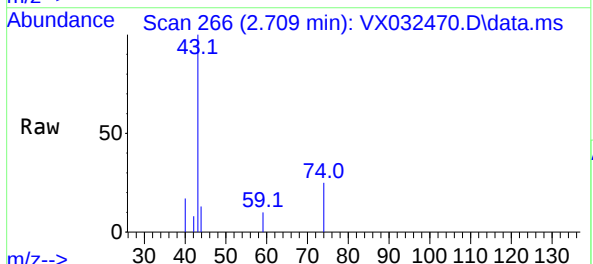
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

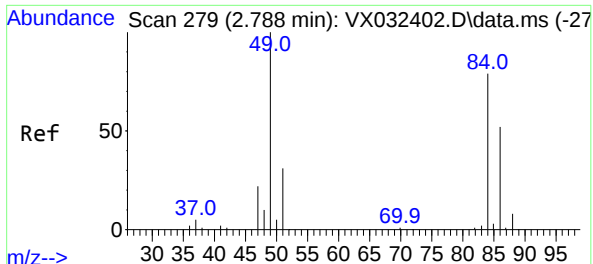
Tgt Ion: 43 Resp: 912  
Ion Ratio Lower Upper  
43 100  
58 30.1 23.8 35.8



#18  
Methyl Acetate  
Concen: 1.638 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 43 Resp: 3413  
Ion Ratio Lower Upper  
43 100  
74 23.2 19.4 29.0



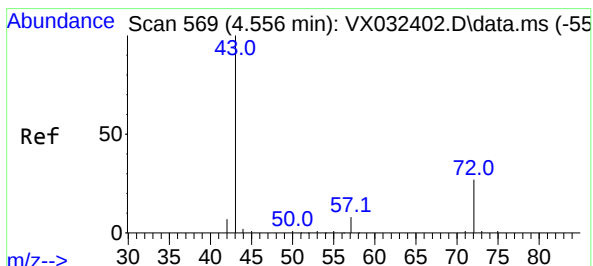
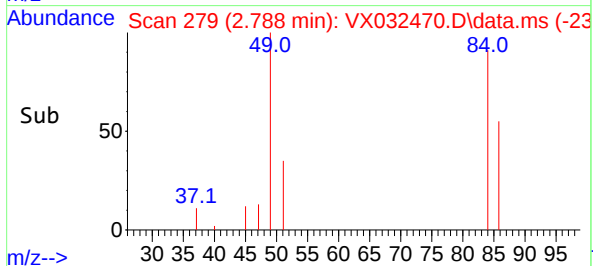
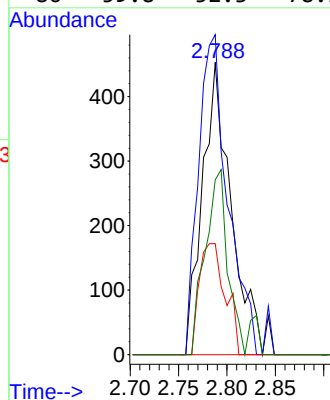
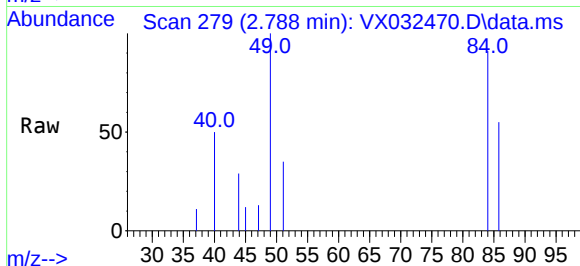


#20  
Methylene Chloride  
Concen: 0.650 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

Tgt Ion: 84 Resp: 955

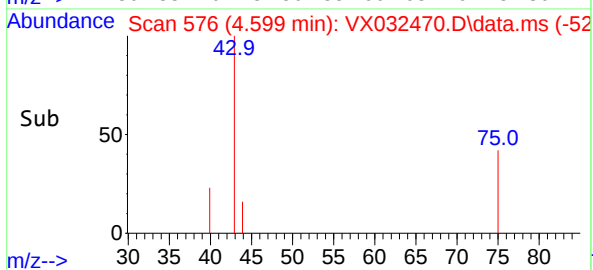
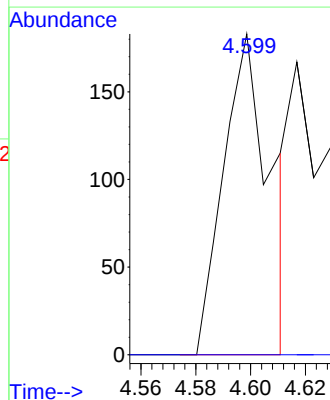
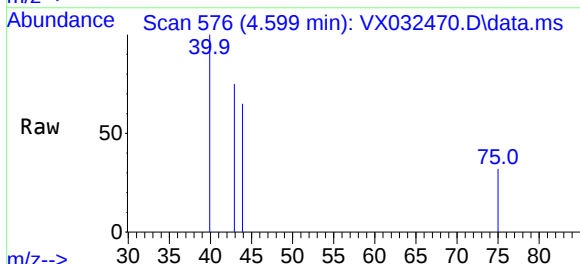
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 109.5 | 101.0 | 151.6 |
| 51  | 38.0  | 31.1  | 46.7  |
| 86  | 59.8  | 52.3  | 78.5  |

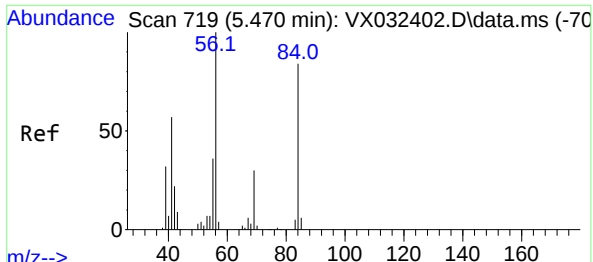


#25  
2-Butanone  
Concen: 0.219 ug/l  
RT: 4.599 min Scan# 576  
Delta R.T. 0.043 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 43 Resp: 217

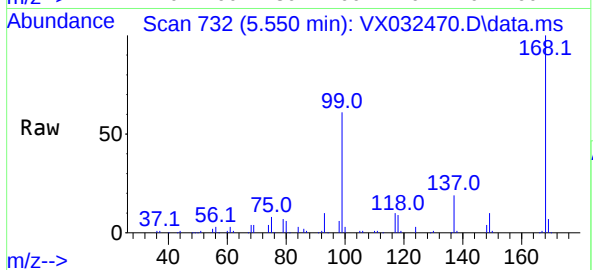
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 0.0   | 22.2  | 33.2# |



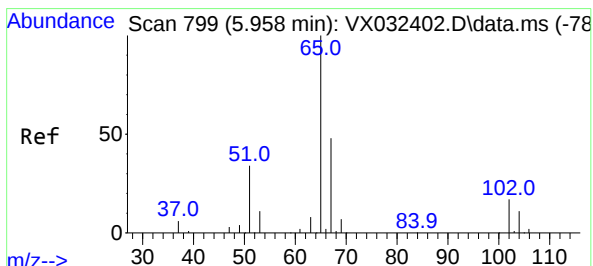
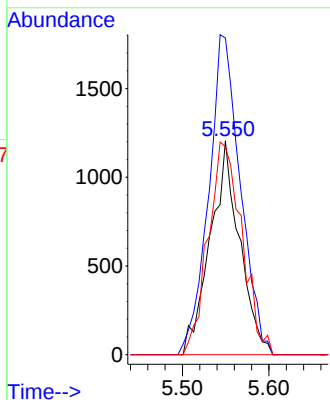
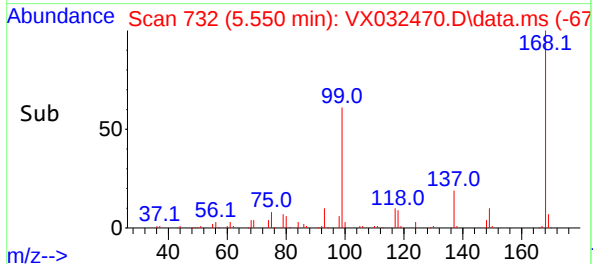


#31  
Cyclohexane  
Concen: 1.330 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.079 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

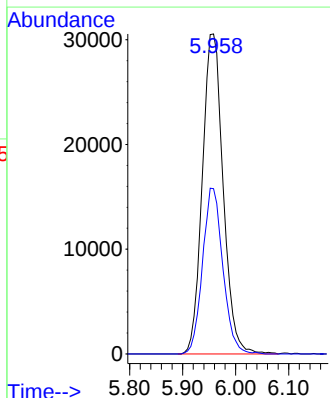
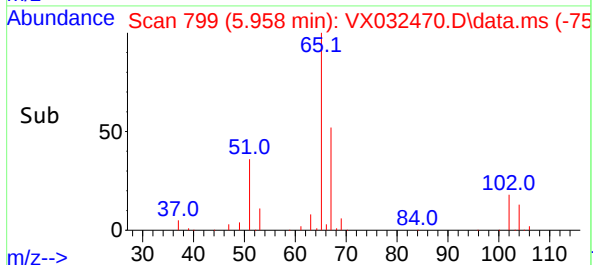
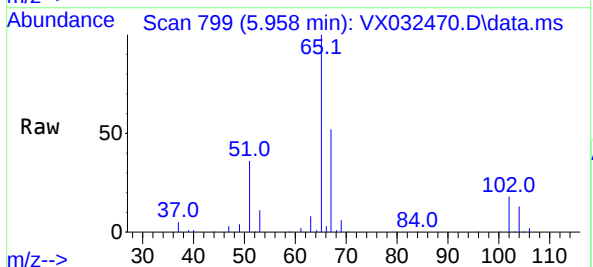


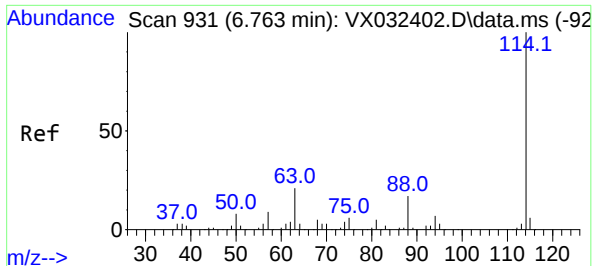
Tgt Ion: 56 Resp: 2843  
Ion Ratio Lower Upper  
56 100  
69 148.0 24.1 36.1#  
84 97.3 66.9 100.3



#33  
1,2-Dichloroethane-d4  
Concen: 47.274 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 65 Resp: 83344  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 101.8

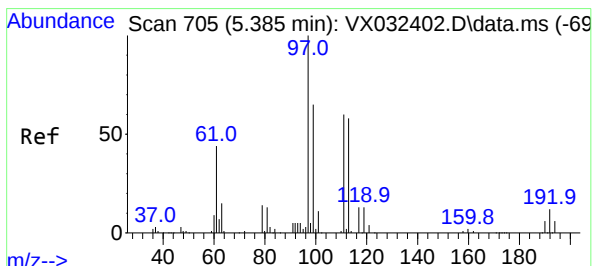
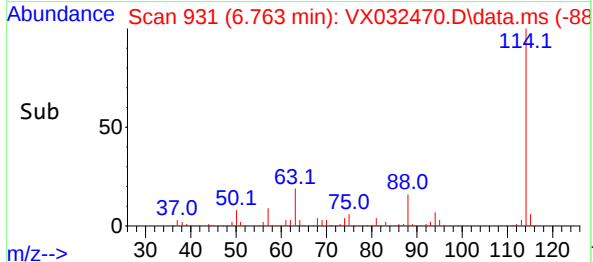
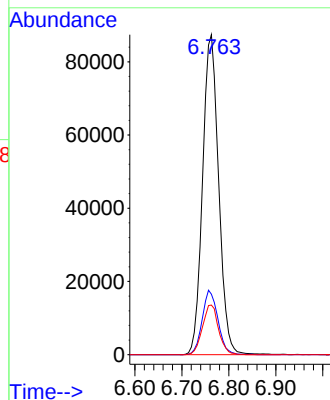
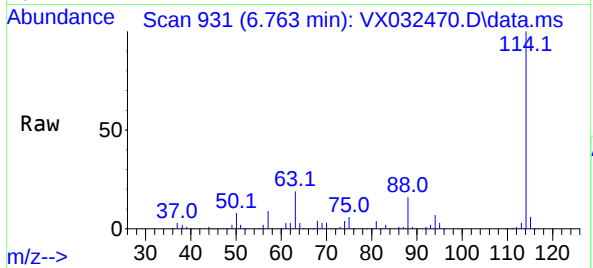




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

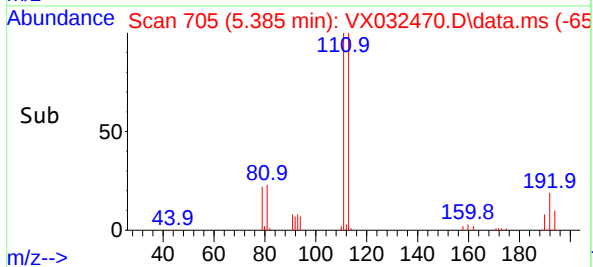
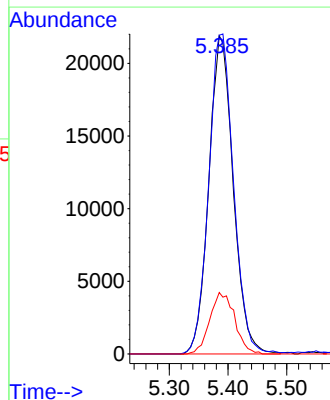
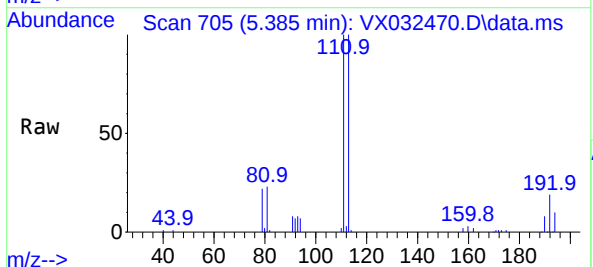
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MSVOA\_X  
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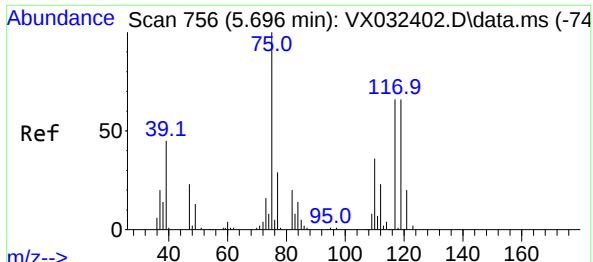
Tgt Ion:114 Resp: 207287  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 41.6  
88 15.5 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 42.682 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion:113 Resp: 63110  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.4 123.6  
192 19.7 15.4 23.2

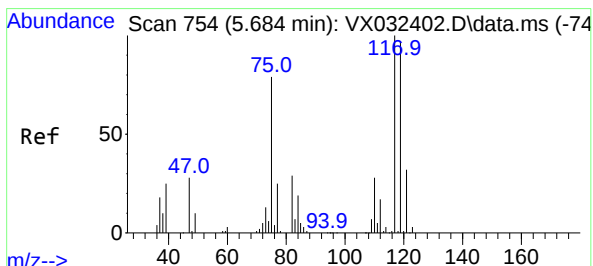
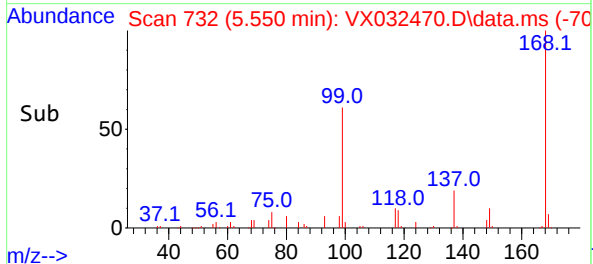
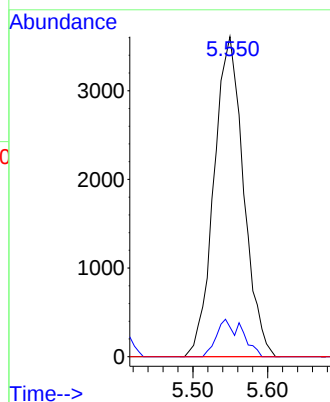
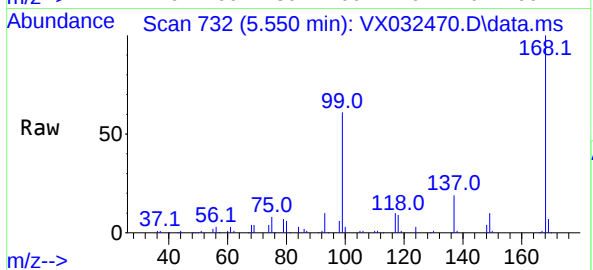




#36  
1,1-Dichloropropene  
Concen: 4.821 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

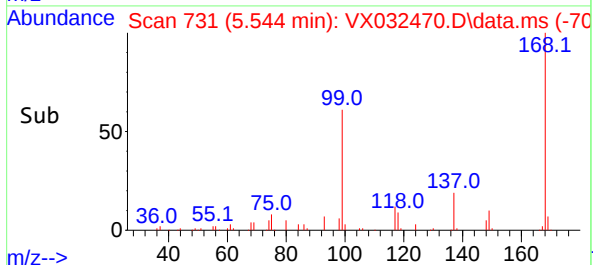
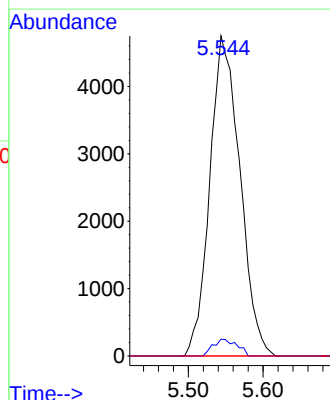
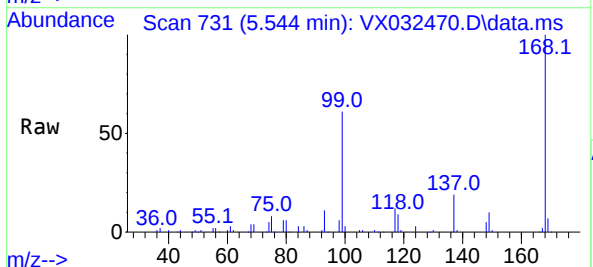
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

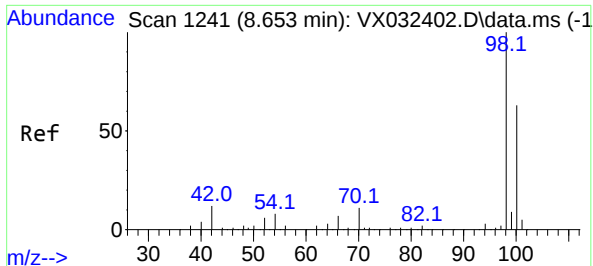
Tgt Ion: 75 Resp: 9926  
Ion Ratio Lower Upper  
75 100  
110 10.2 18.4 55.2#  
77 0.0 24.5 36.7#



#38  
Carbon Tetrachloride  
Concen: 5.824 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.140 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 117 Resp: 13301  
Ion Ratio Lower Upper  
117 100  
119 5.3 77.2 115.8#  
121 0.0 25.8 38.6#

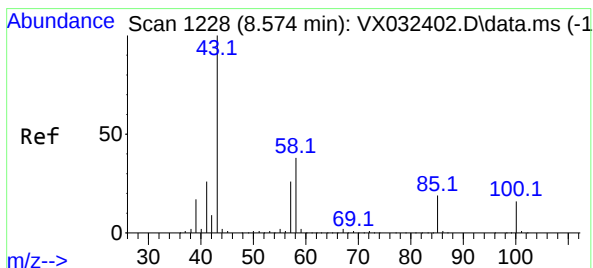
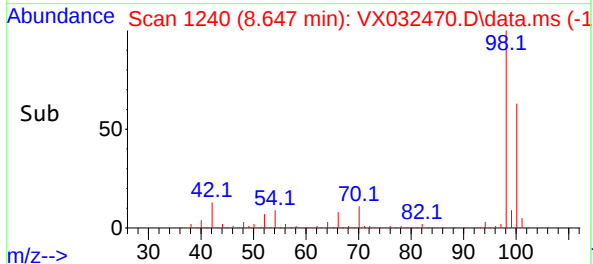
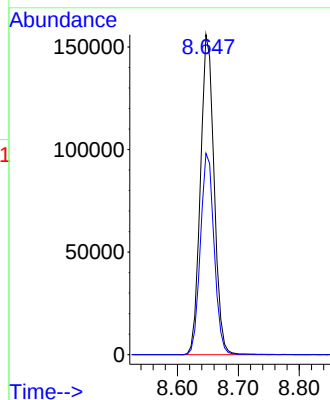
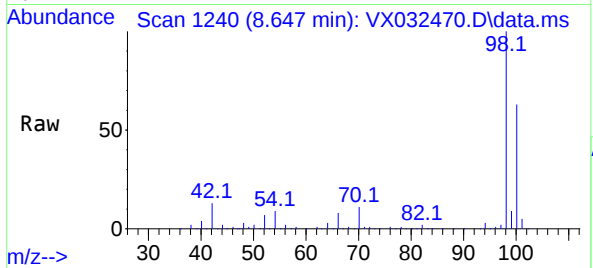




#50  
Toluene-d8  
Concen: 47.293 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

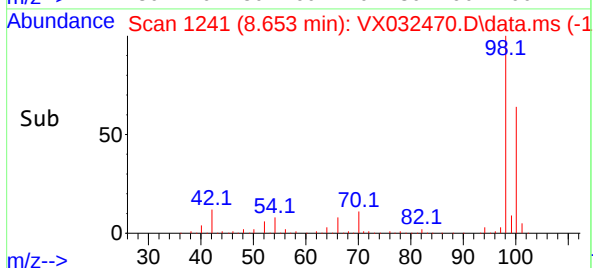
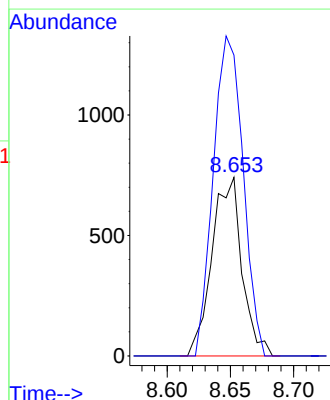
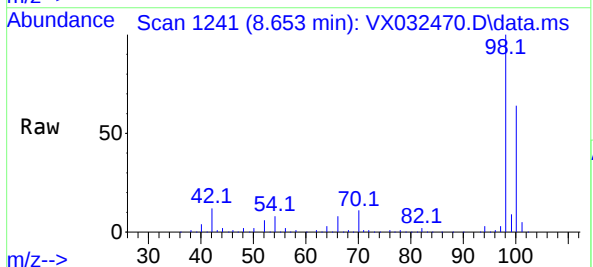
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

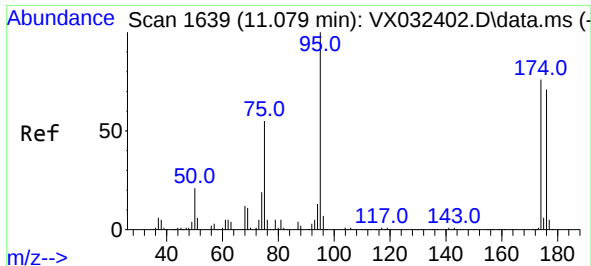
Tgt Ion: 98 Resp: 243153  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.9 76.3



#51  
4-Methyl-2-Pentanone  
Concen: 0.588 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.079 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 43 Resp: 1219  
Ion Ratio Lower Upper  
43 100  
58 178.3 30.9 46.3#

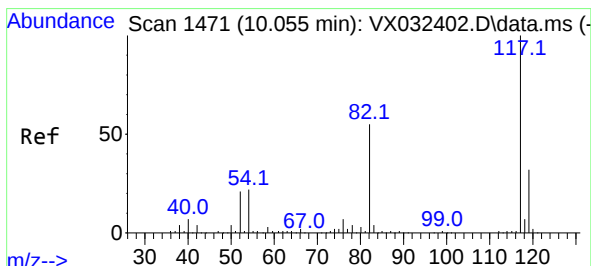
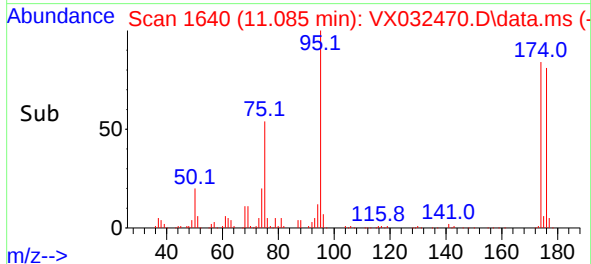
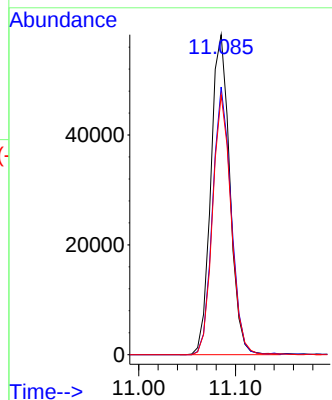
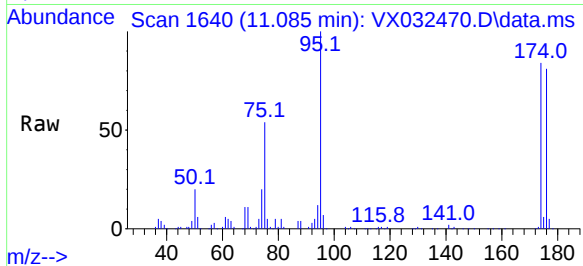




#62  
4-Bromofluorobenzene  
Concen: 39.607 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

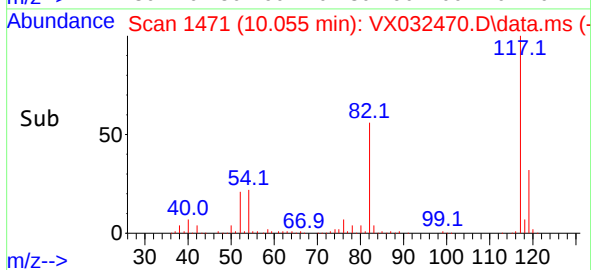
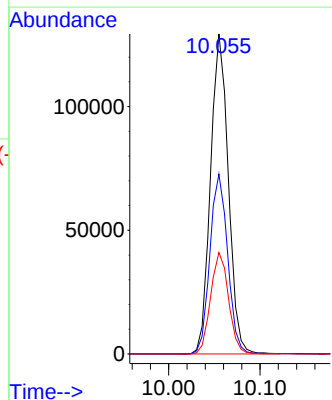
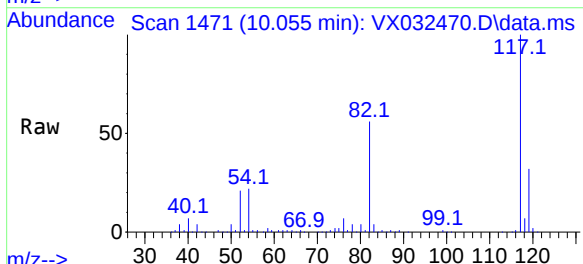
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

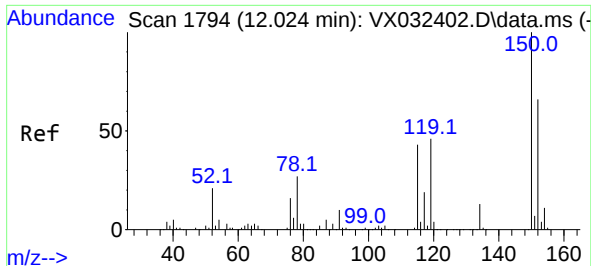
Tgt Ion: 95 Resp: 79546  
Ion Ratio Lower Upper  
95 100  
174 81.3 0.0 164.0  
176 79.0 0.0 154.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 117 Resp: 174782  
Ion Ratio Lower Upper  
117 100  
82 56.2 44.3 66.5  
119 31.7 25.7 38.5

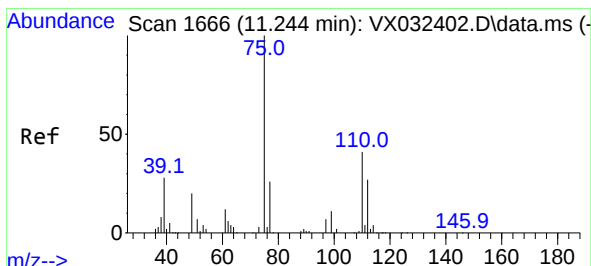
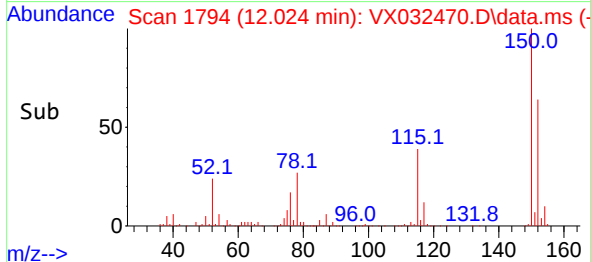
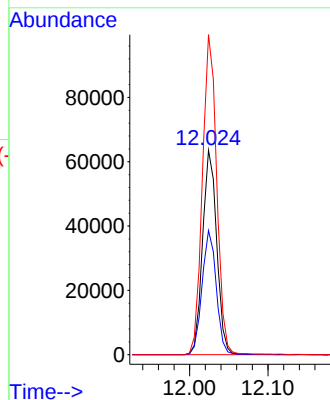
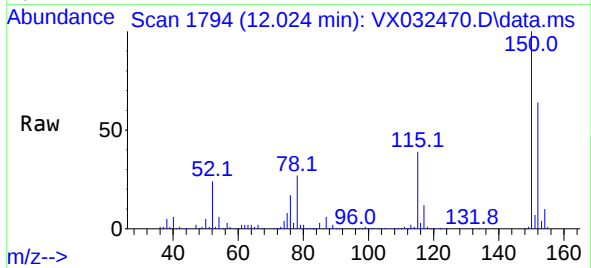




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

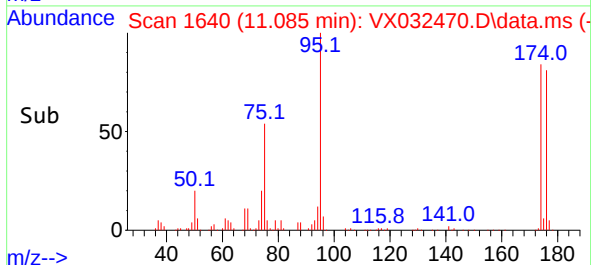
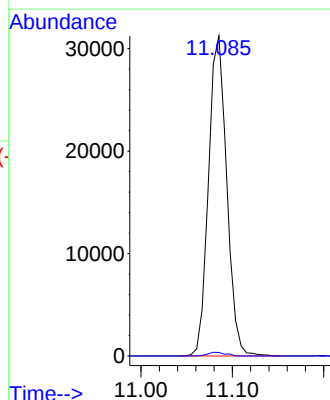
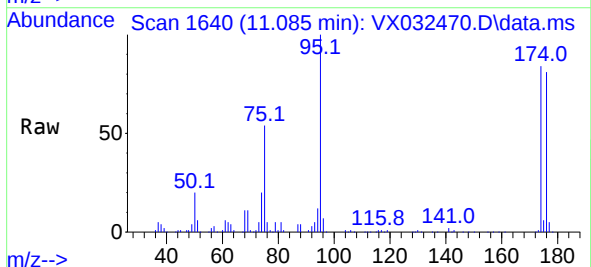
Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

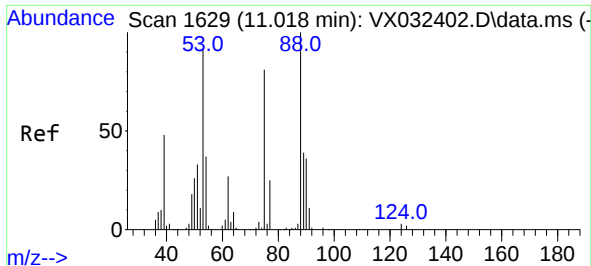
Tgt Ion:152 Resp: 79835  
Ion Ratio Lower Upper  
152 100  
115 60.9 44.0 132.0  
150 158.1 0.0 351.8



#76  
1,2,3-Trichloropropane  
Concen: 24.302 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion: 75 Resp: 43164  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.0 60.0#

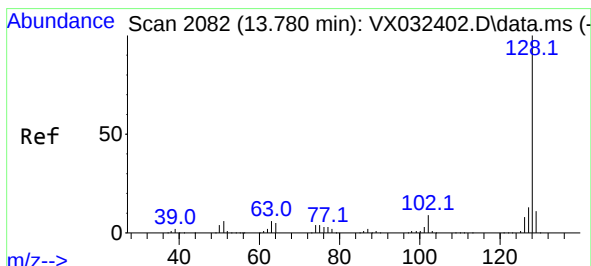
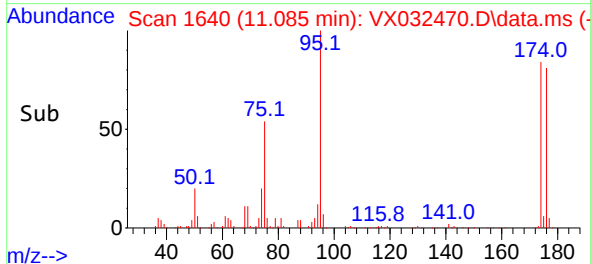
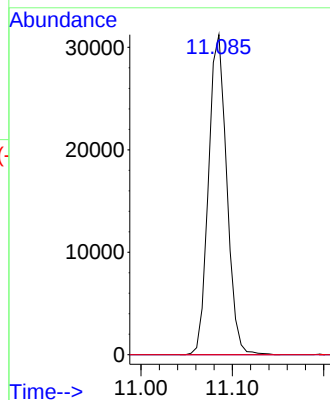
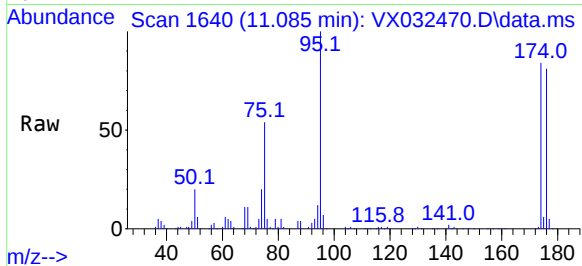




#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.330 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.067 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
LSP-SS-04-15-3ME

Tgt Ion: 75 Resp: 43164  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.9 130.3#  
89 0.0 38.3 57.5#



#95  
Naphthalene  
Concen: 0.538 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX032470.D  
Acq: 28 Oct 2022 19:18

Tgt Ion:128 Resp: 3370  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.1 8.9 13.3

