

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062423\  
 Data File : VX036307.D  
 Acq On : 24 Jun 2023 13:30  
 Operator : JC/MD  
 Sample : 03375-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

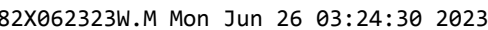
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-5-062123

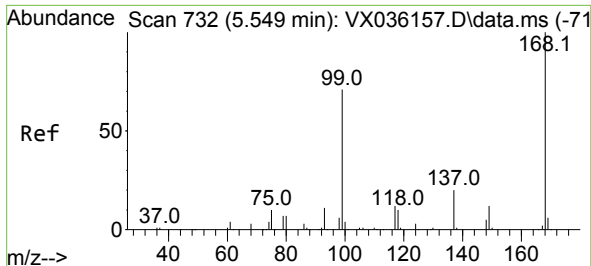
Quant Time: Jun 26 03:24:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.550     | 168            | 185715   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114            | 323340   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117            | 291489   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152            | 133020   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65             | 135454   | 50.882     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 78 - 117 | Recovery | = 101.760% |        |          |
| 35) Dibromofluoromethane      | 5.391     | 113            | 101076   | 47.409     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 75 - 124 | Recovery | = 94.820%  |        |          |
| 50) Toluene-d8                | 8.647     | 98             | 388292   | 48.762     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 92 - 112 | Recovery | = 97.520%  |        |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95             | 135630   | 48.355     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 83 - 123 | Recovery | = 96.720%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 11) Tert butyl alcohol        | 2.947     | 59             | 125      | 0.258      | ug/l # | 78       |
| 16) Acetone                   | 2.398     | 43             | 1047     | 0.920      | ug/l # | 68       |
| 20) Methylene Chloride        | 2.794     | 84             | 1297     | 0.529      | ug/l # | 87       |
| 31) Cyclohexane               | 5.550     | 56             | 4016     | 1.177      | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550     | 75             | 15560    | 4.896      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556     | 117            | 19589    | 6.749      | ug/l # | 14       |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75             | 70805    | 24.955     | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75             | 70805    | 81.346     | ug/l # | 5        |
| -----                         |           |                |          |            |        |          |

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

Quant Time: Jun 26 03:24:17 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 15:03:28 2023  
Response via : Initial Calibration

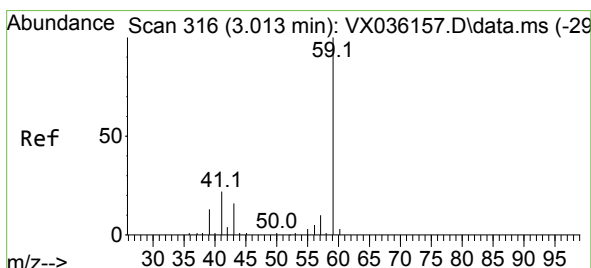
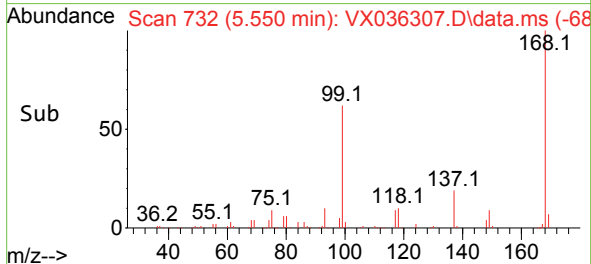
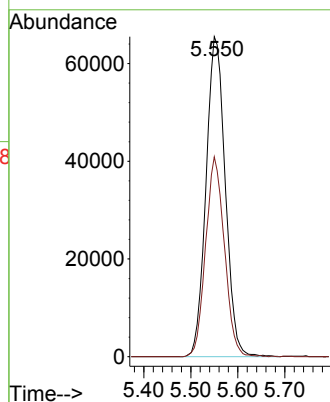
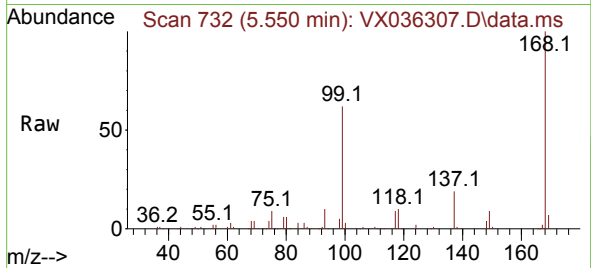




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

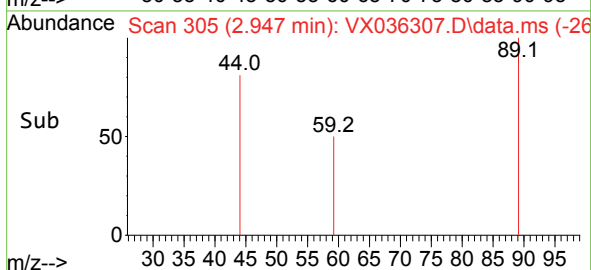
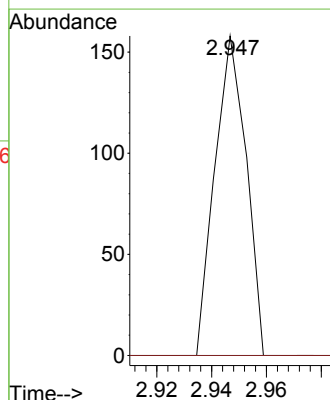
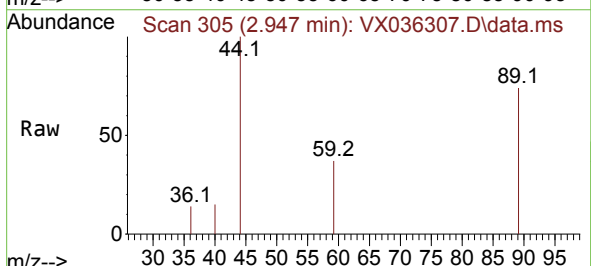
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-5-062123

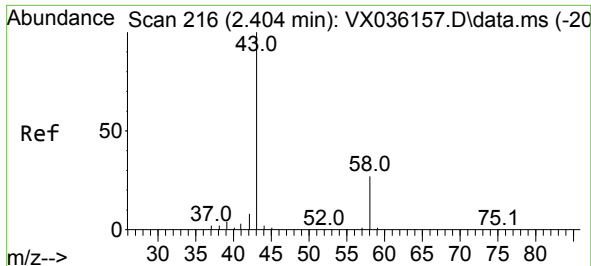
Tgt Ion:168 Resp: 185715  
Ion Ratio Lower Upper  
168 100  
99 62.4 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 0.258 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.066 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 59 Resp: 125  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

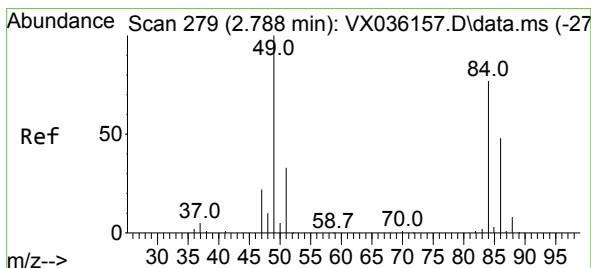
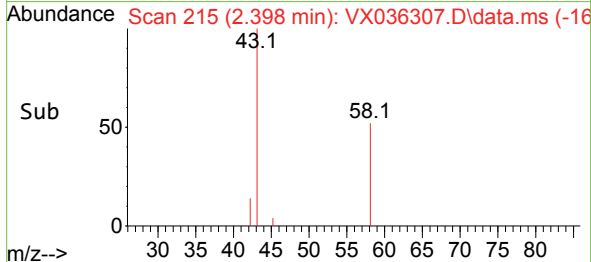
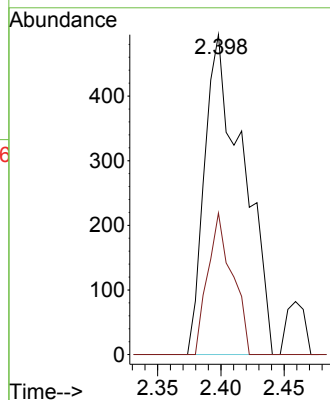
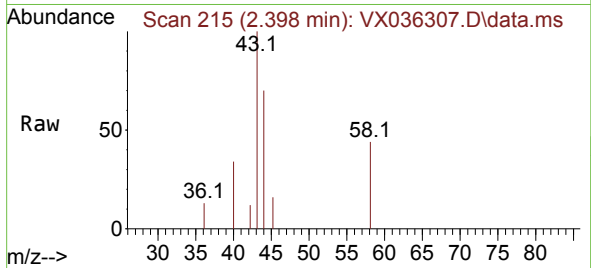




#16  
Acetone  
Concen: 0.920 ug/l  
RT: 2.398 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

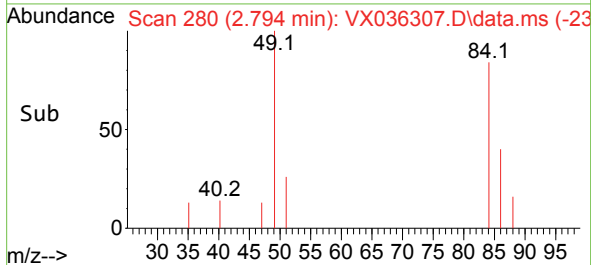
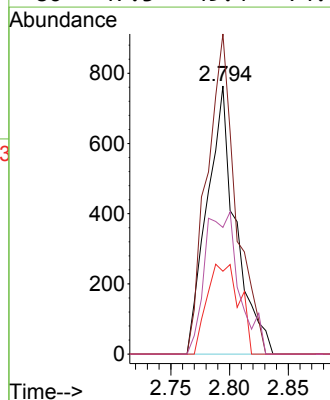
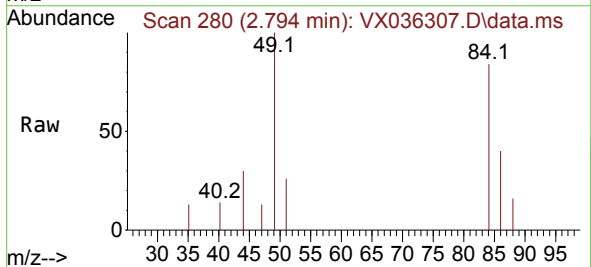
Instrument :  
MSVOA\_X  
ClientSampleId :  
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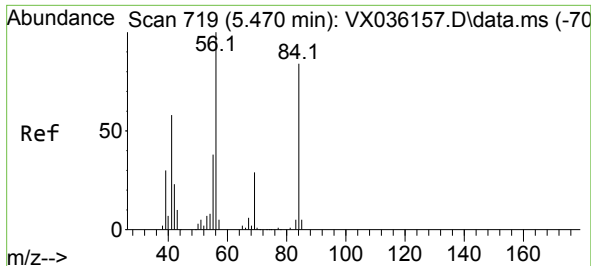
Tgt Ion: 43 Resp: 1047  
Ion Ratio Lower Upper  
43 100  
58 44.2 21.9 32.9#



#20  
Methylene Chloride  
Concen: 0.529 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 84 Resp: 1297  
Ion Ratio Lower Upper  
84 100  
49 119.4 103.6 155.4  
51 30.9 33.8 50.6#  
86 47.3 49.4 74.0#

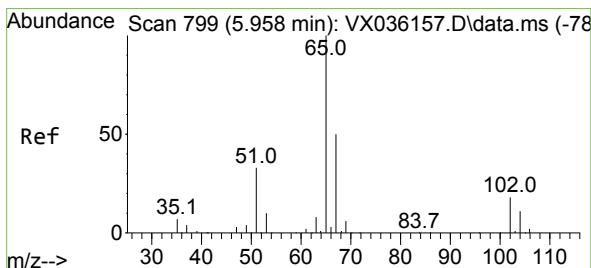
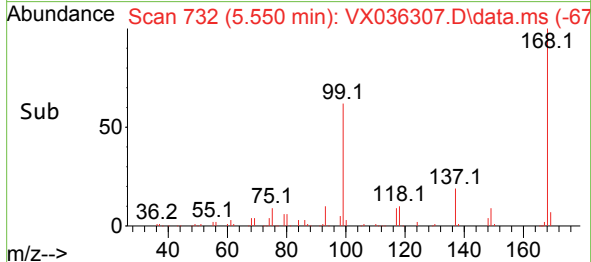
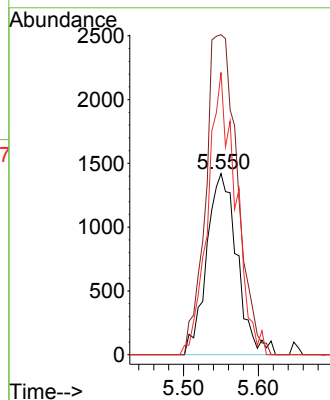
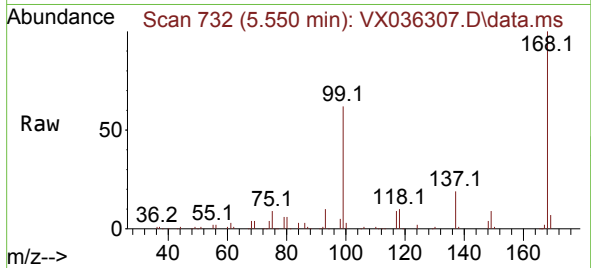




#31  
Cyclohexane  
Concen: 1.177 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.080 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

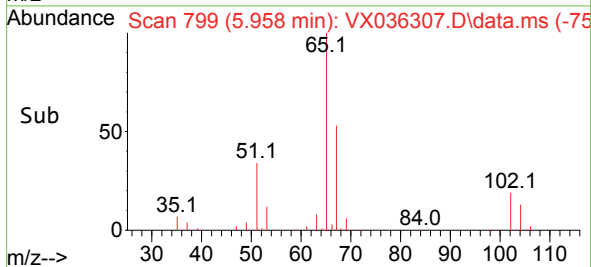
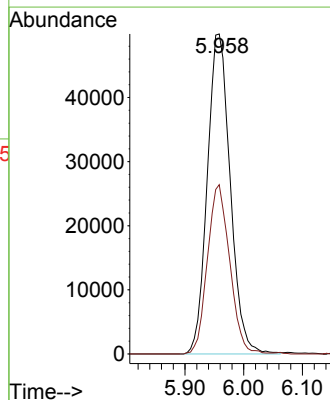
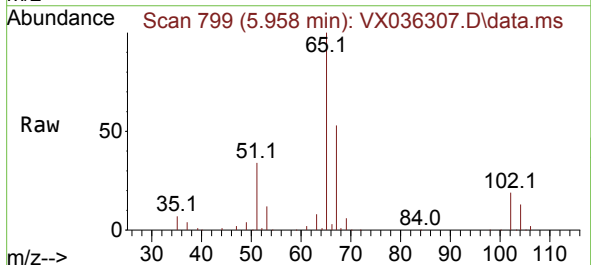
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-5-062123

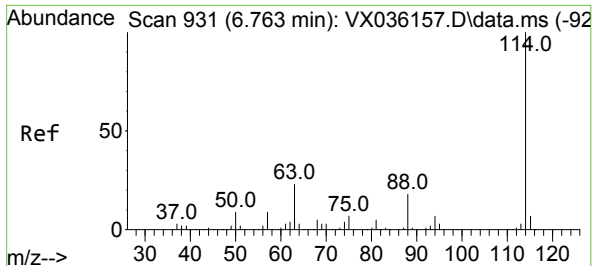
Tgt Ion: 56 Resp: 4016  
Ion Ratio Lower Upper  
56 100  
69 176.7 23.4 35.2#  
84 155.8 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 50.882 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 65 Resp: 135454  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 100.2

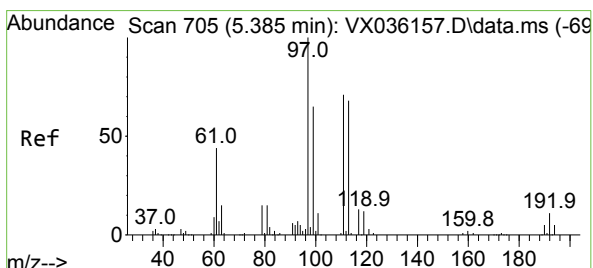
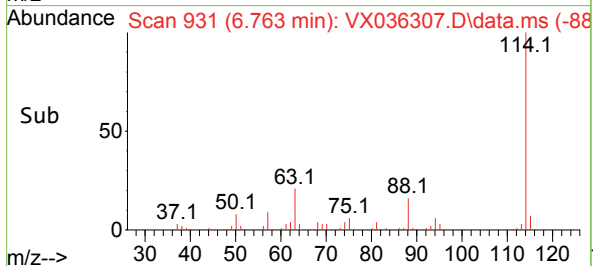
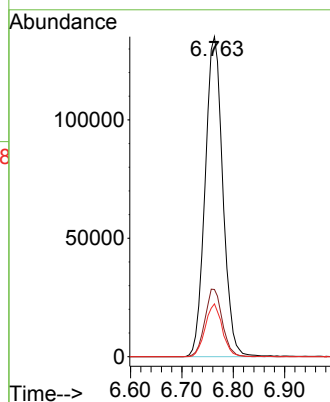
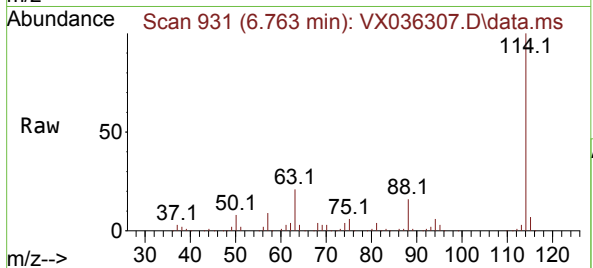




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

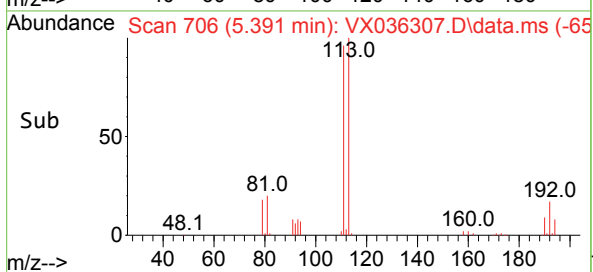
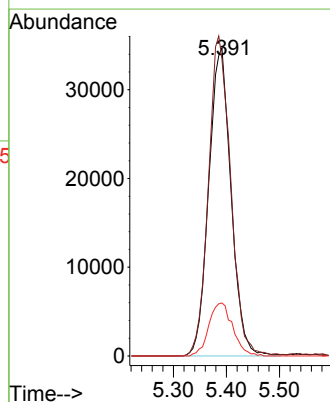
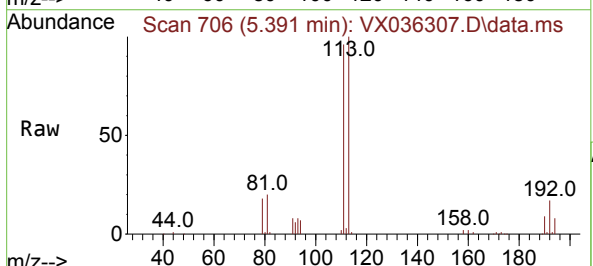
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-5-062123

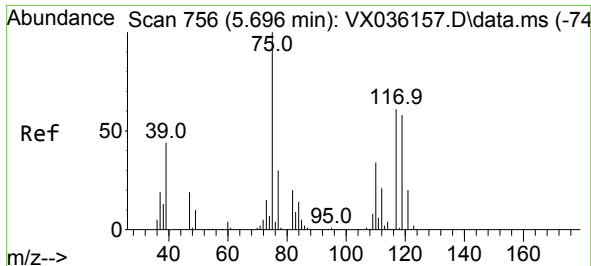
Tgt Ion:114 Resp: 323340  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.409 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion:113 Resp: 101076  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.9 124.3  
192 18.5 13.3 19.9

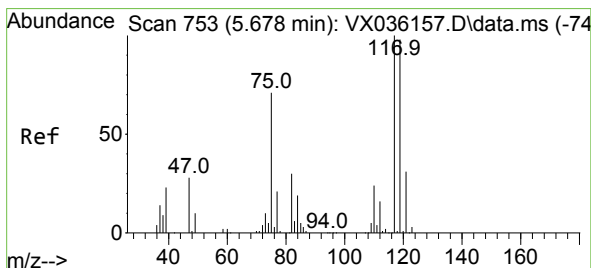
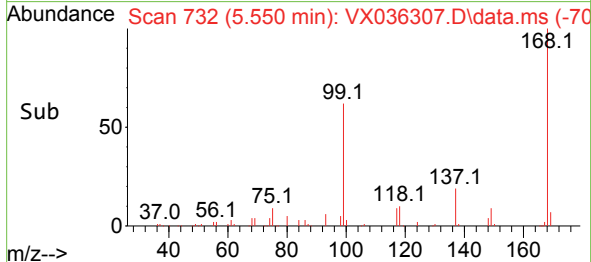
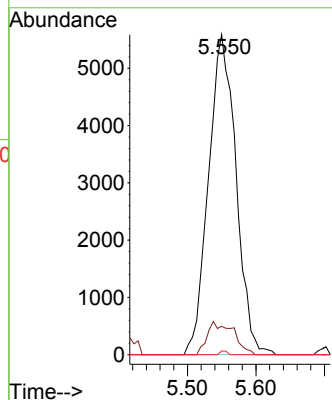
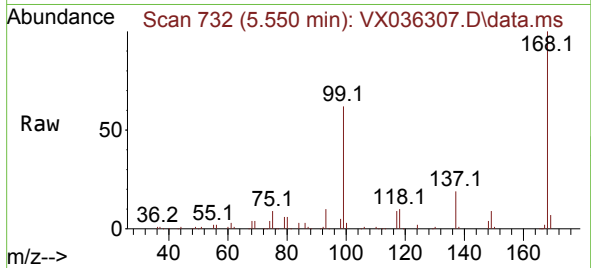




#36  
1,1-Dichloropropene  
Concen: 4.896 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

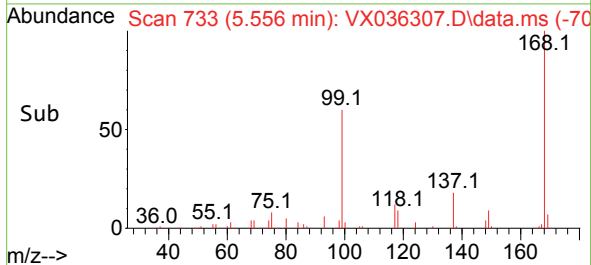
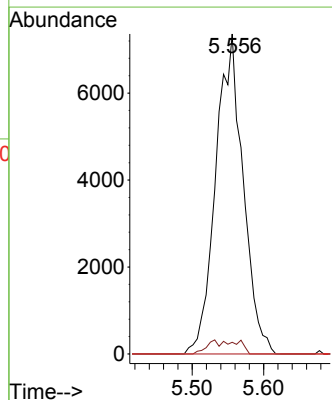
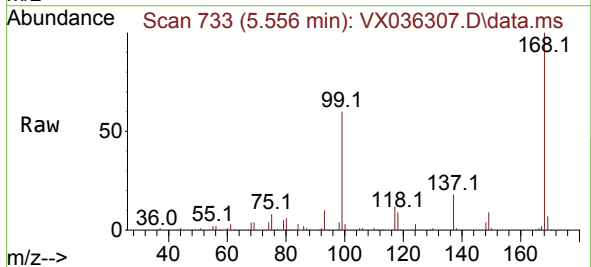
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MSVOA\_X  
ClientSampleId :  
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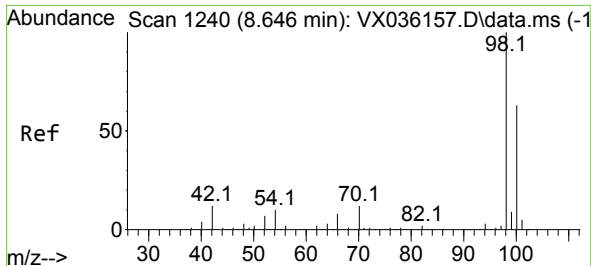
Tgt Ion: 75 Resp: 15560  
Ion Ratio Lower Upper  
75 100  
110 9.9 17.0 50.9#  
77 0.3 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.749 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.122 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 117 Resp: 19589  
Ion Ratio Lower Upper  
117 100  
119 3.7 78.2 117.2#  
121 0.0 24.4 36.6#

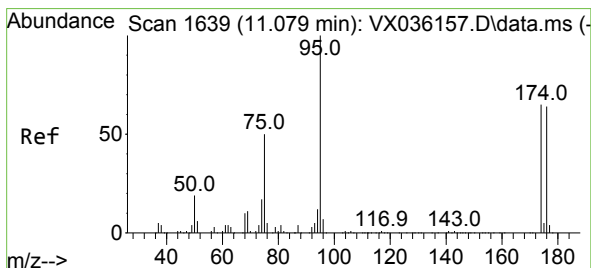
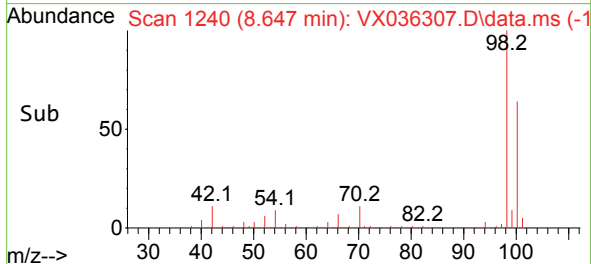
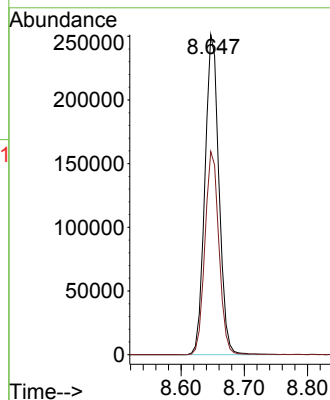
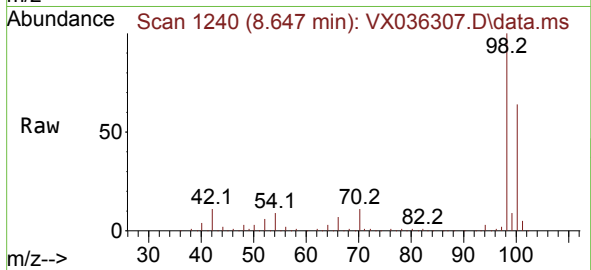




#50  
Toluene-d8  
Concen: 48.762 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

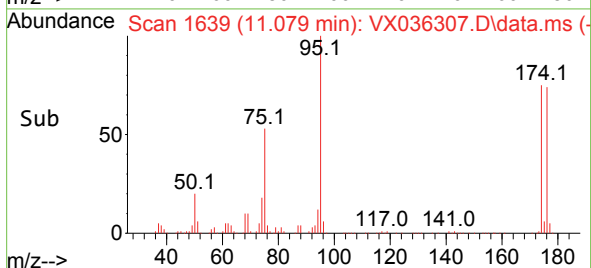
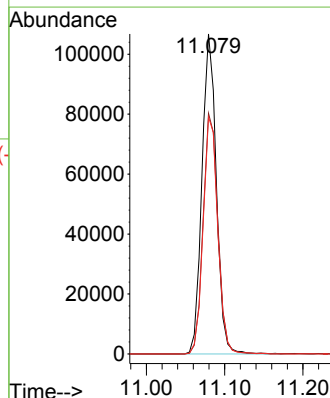
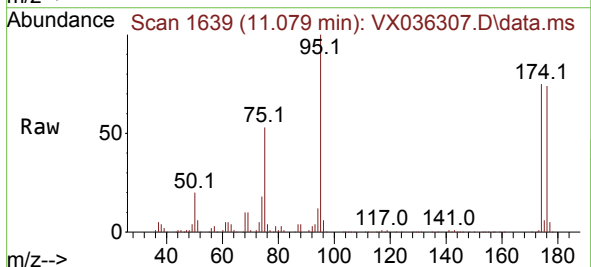
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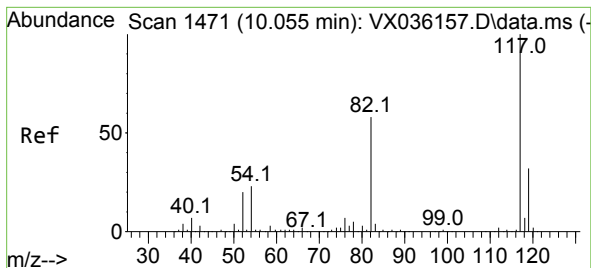
Tgt Ion: 98 Resp: 388292  
Ion Ratio Lower Upper  
98 100  
100 63.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 48.355 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 95 Resp: 135630  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 135.6  
176 75.5 0.0 131.0

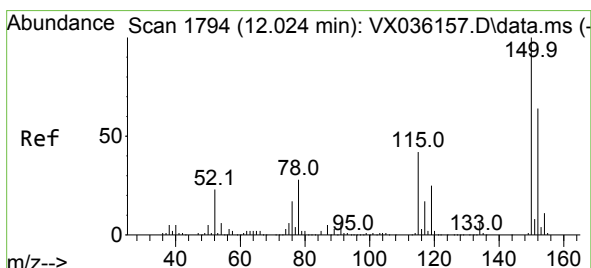
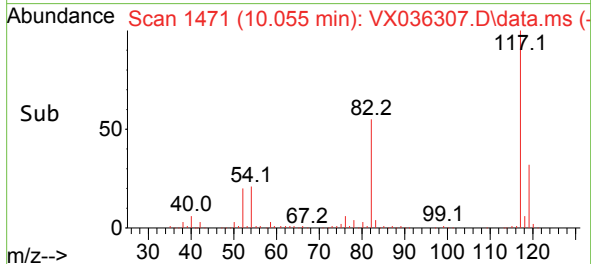
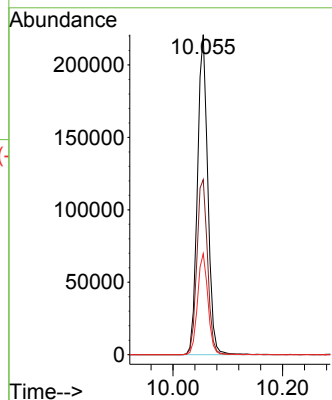
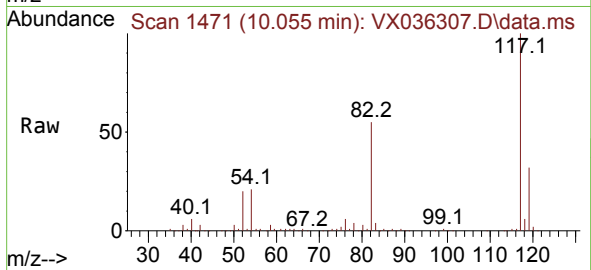




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

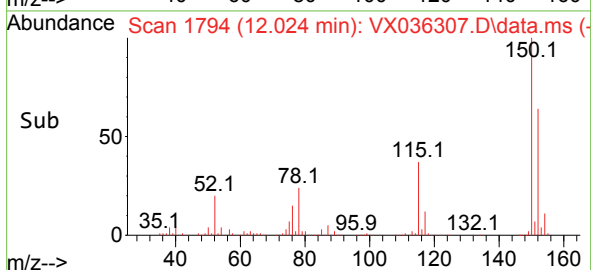
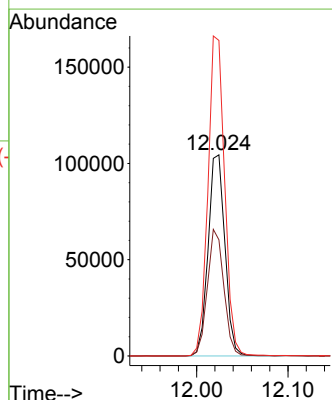
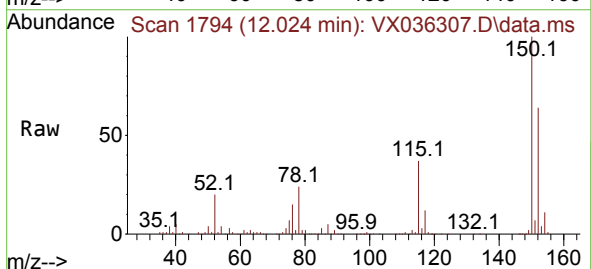
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-5-062123

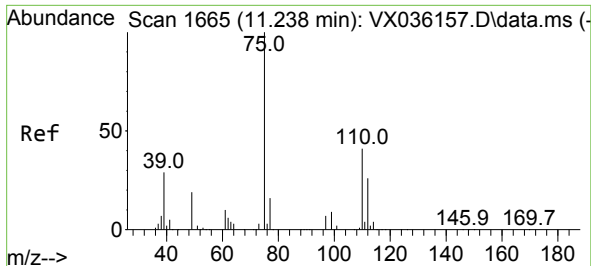
Tgt Ion:117 Resp: 291489  
Ion Ratio Lower Upper  
117 100  
82 54.7 46.2 69.4  
119 31.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion:152 Resp: 133020  
Ion Ratio Lower Upper  
152 100  
115 61.7 43.3 129.9  
150 158.5 0.0 345.0

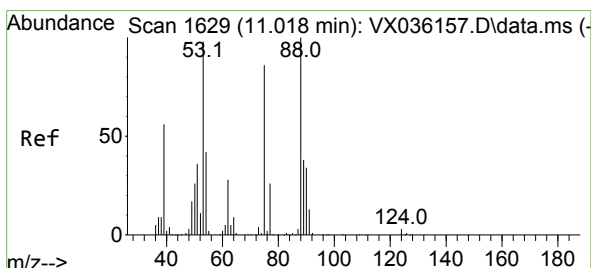
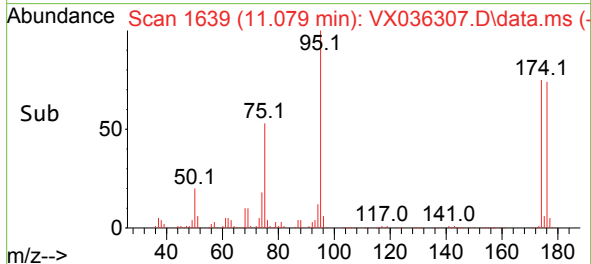
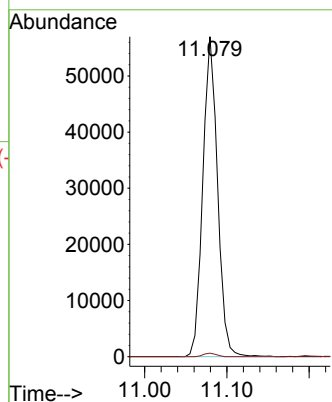
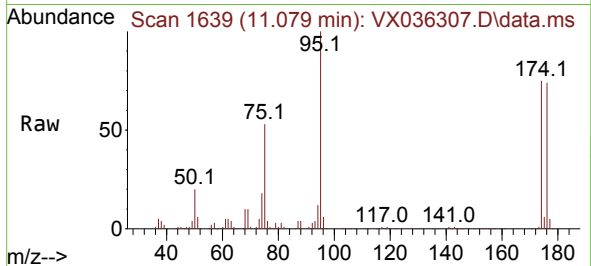




#76  
1,2,3-Trichloropropane  
Concen: 24.955 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-5-062123

Tgt Ion: 75 Resp: 70805  
Ion Ratio Lower Upper  
75 100  
77 1.0 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 81.346 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX036307.D  
Acq: 24 Jun 2023 13:30

Tgt Ion: 75 Resp: 70805  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

