

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111023\  
 Data File : VX038743.D  
 Acq On : 10 Nov 2023 20:47  
 Operator : JC/MD  
 Sample : 05316-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NWB-1979

Quant Time: Nov 11 02:00:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

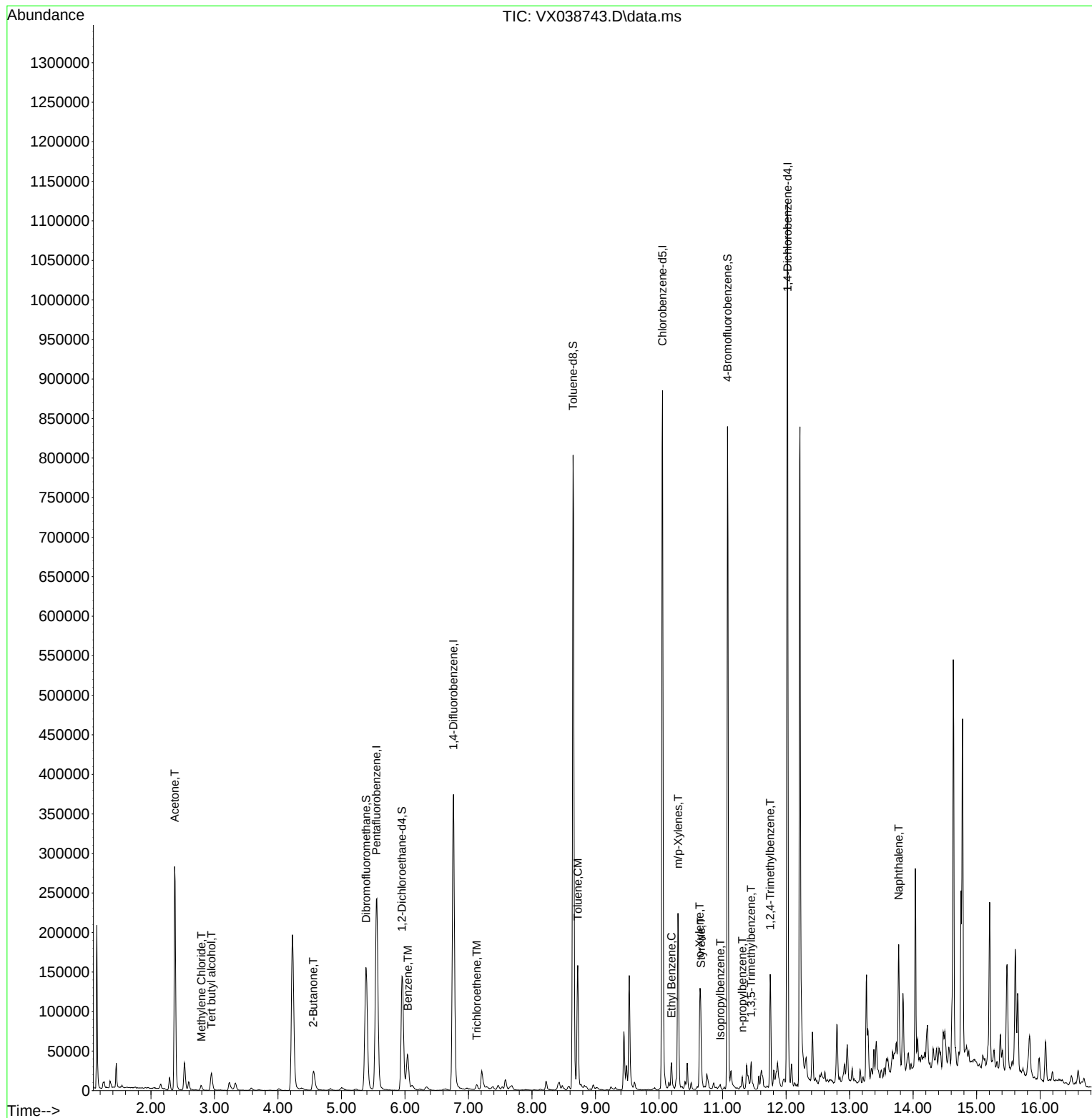
| Compound                    | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|---------|----------|----------|
| -----                       |        |                |          |         |          |          |
| Internal Standards          |        |                |          |         |          |          |
| 1) Pentafluorobenzene       | 5.550  | 168            | 256122   | 50.000  | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114            | 423085   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 445439   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 259883   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds |        |                |          |         |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65             | 147780   | 46.346  | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | =       | 92.700%  |          |
| 35) Dibromofluoromethane    | 5.385  | 113            | 136872   | 44.918  | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =       | 89.840%  |          |
| 50) Toluene-d8              | 8.647  | 98             | 505647   | 46.372  | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | =       | 92.740%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 221711   | 52.443  | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | =       | 104.880% |          |
| Target Compounds            |        |                |          |         |          |          |
|                             |        |                |          |         |          | Qvalue   |
| 11) Tert butyl alcohol      | 2.953  | 59             | 24583    | 37.713  | ug/l     | # 91     |
| 16) Acetone                 | 2.373  | 43             | 288395   | 214.757 | ug/l     | 90       |
| 20) Methylene Chloride      | 2.794  | 84             | 3207     | 1.185   | ug/l     | # 74     |
| 25) 2-Butanone              | 4.556  | 43             | 42247    | 21.717  | ug/l     | # 85     |
| 40) Benzene                 | 6.044  | 78             | 57511    | 5.275   | ug/l     | 99       |
| 44) Trichloroethene         | 7.129  | 130            | 2806     | 0.827   | ug/l     | 91       |
| 52) Toluene                 | 8.720  | 92             | 63171    | 8.845   | ug/l     | 96       |
| 67) Ethyl Benzene           | 10.195 | 91             | 21125    | 1.377   | ug/l     | 92       |
| 68) m/p-Xylenes             | 10.299 | 106            | 54454    | 8.945   | ug/l     | 95       |
| 69) o-Xylene                | 10.640 | 106            | 22205    | 3.751   | ug/l     | 99       |
| 70) Styrene                 | 10.659 | 104            | 39035    | 3.995   | ug/l     | 94       |
| 73) Isopropylbenzene        | 10.963 | 105            | 3217     | 0.202   | ug/l     | 95       |
| 78) n-propylbenzene         | 11.311 | 91             | 7431     | 0.401   | ug/l     | 79       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105            | 15551    | 1.133   | ug/l     | 100      |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105            | 56936    | 4.183   | ug/l     | 74       |
| 95) Naphthalene             | 13.774 | 128            | 88176    | 5.002   | ug/l     | 99       |
| -----                       |        |                |          |         |          |          |

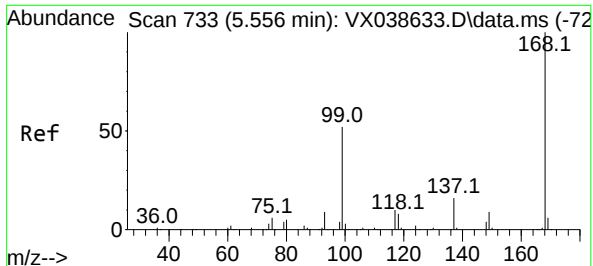
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111023\  
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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration

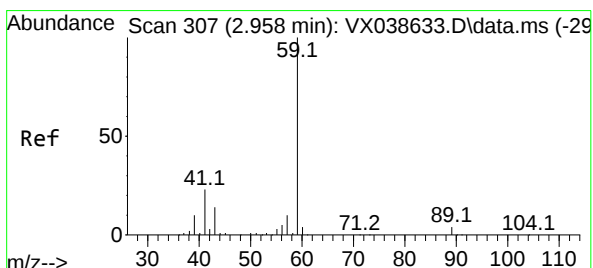
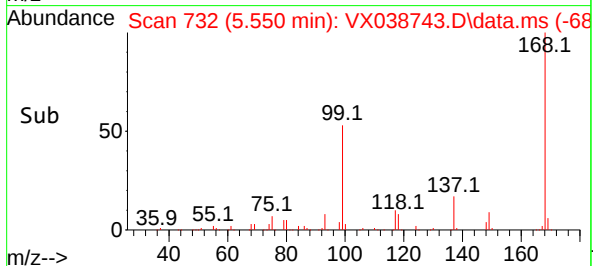
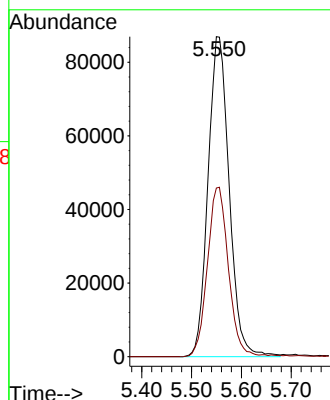
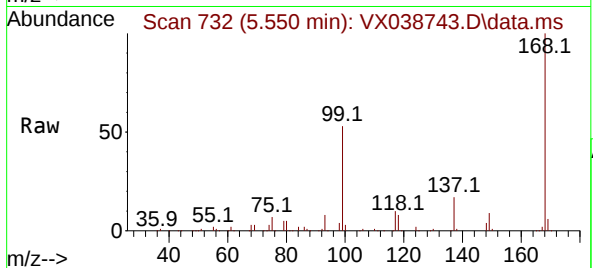




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

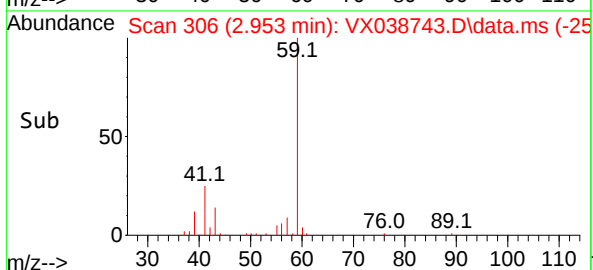
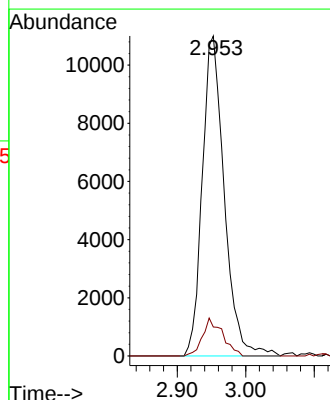
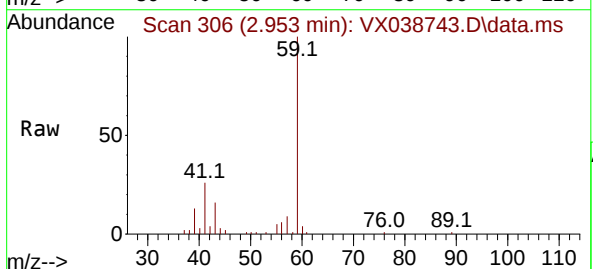
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MSVOA\_X  
ClientSampleId :  
NWB-1979

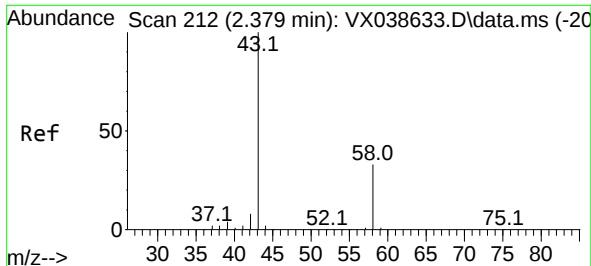
Tgt Ion:168 Resp: 256122  
Ion Ratio Lower Upper  
168 100  
99 52.7 56.6 85.0#



#11  
Tert butyl alcohol  
Concen: 37.713 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 59 Resp: 24583  
Ion Ratio Lower Upper  
59 100  
57 10.8 6.0 9.0#

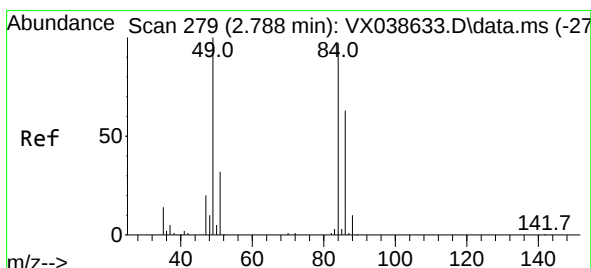
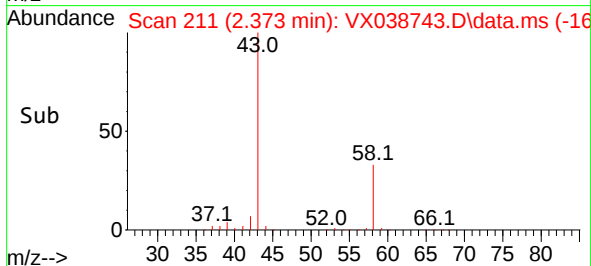
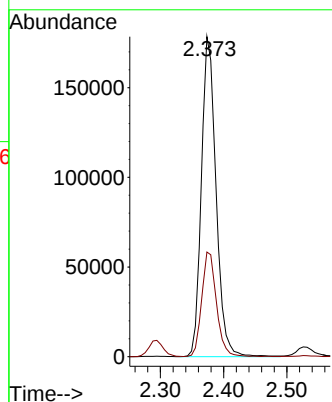
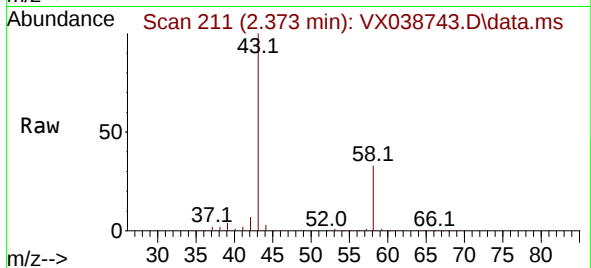




#16  
Acetone  
Concen: 214.757 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

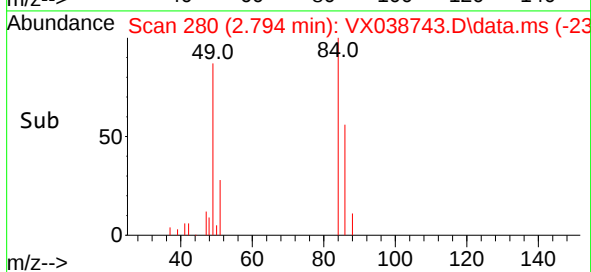
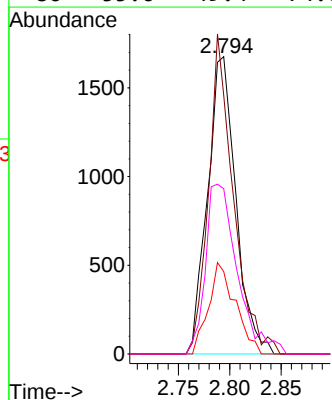
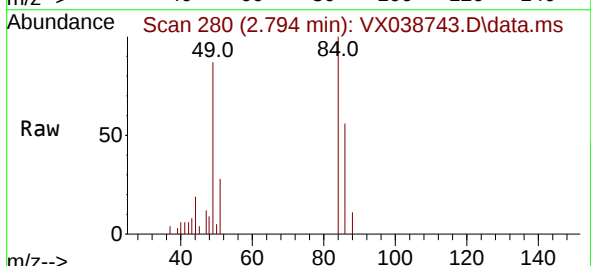
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

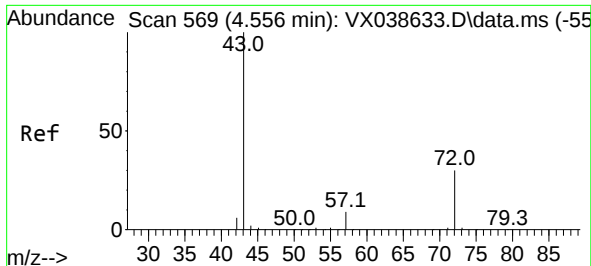
Tgt Ion: 43 Resp: 288395  
Ion Ratio Lower Upper  
43 100  
58 32.6 21.9 32.9



#20  
Methylene Chloride  
Concen: 1.185 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 84 Resp: 3207  
Ion Ratio Lower Upper  
84 100  
49 87.1 103.6 155.4#  
51 27.7 33.8 50.6#  
86 55.6 49.4 74.0

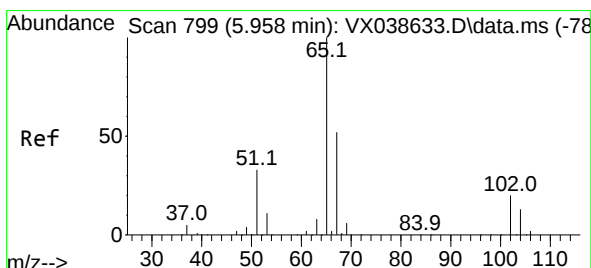
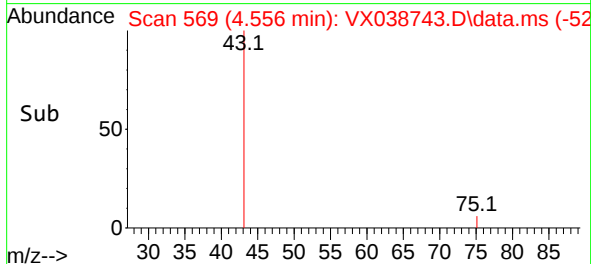
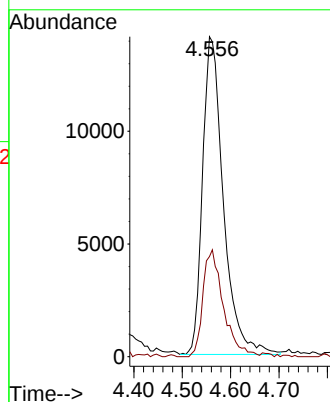
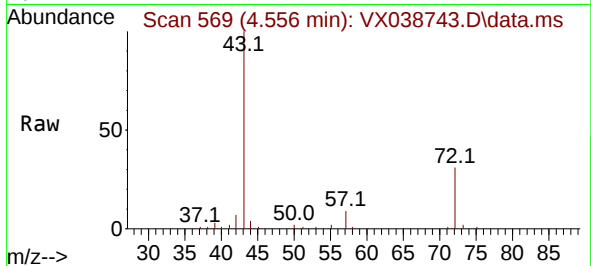




#25  
2-Butanone  
Concen: 21.717 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

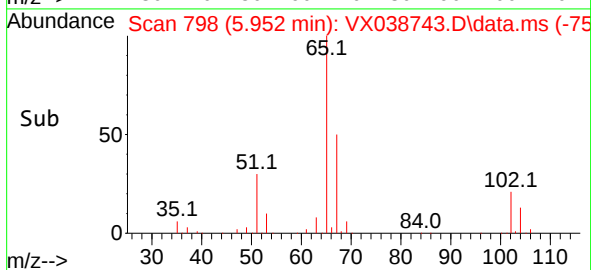
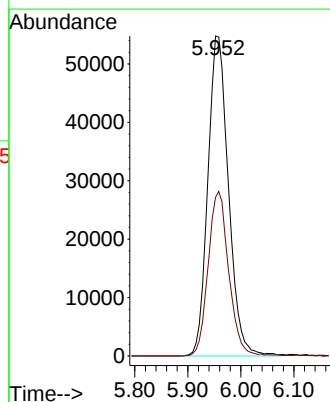
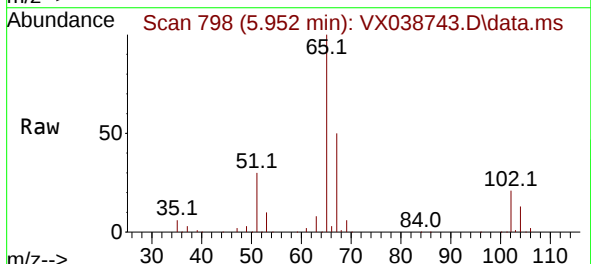
Instrument :  
MSVOA\_X  
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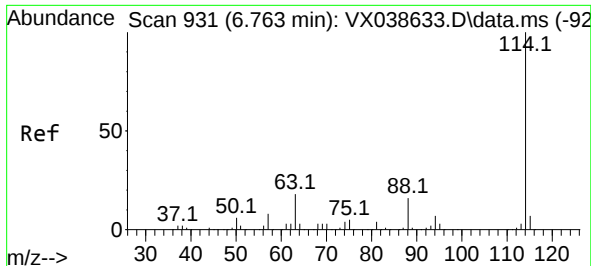
Tgt Ion: 43 Resp: 42247  
Ion Ratio Lower Upper  
43 100  
72 31.5 19.4 29.2#



#33  
1,2-Dichloroethane-d4  
Concen: 46.346 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 65 Resp: 147780  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2

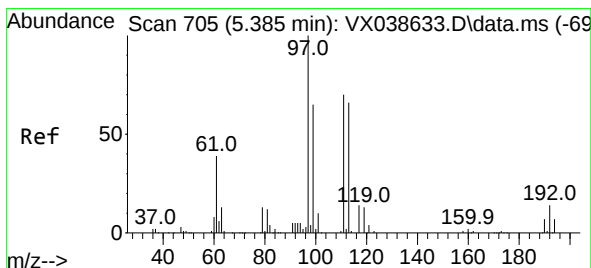
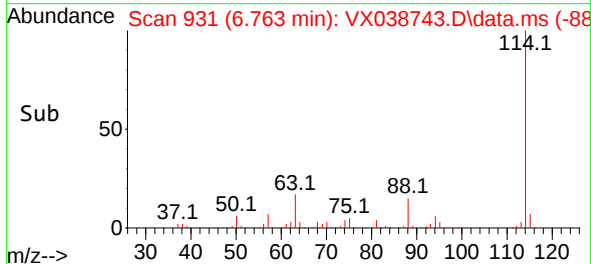
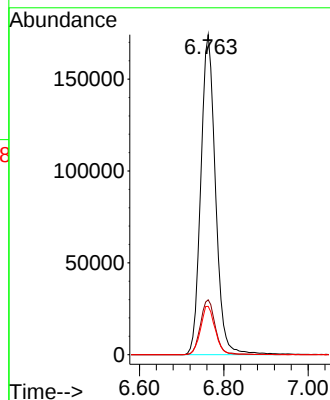
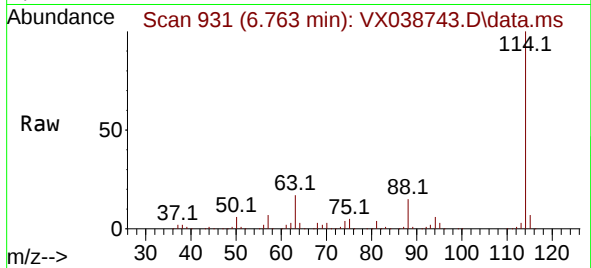




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

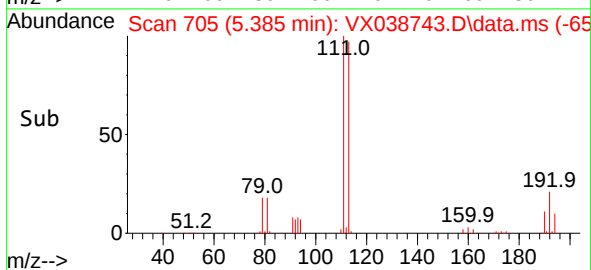
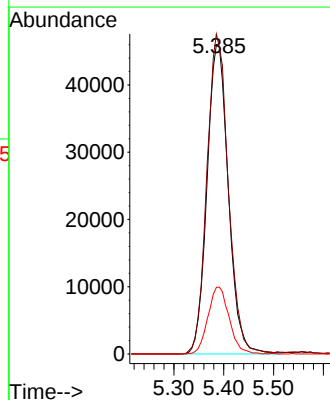
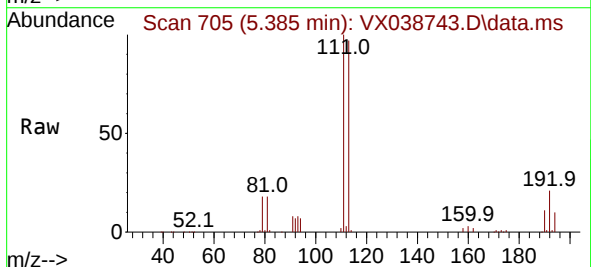
Instrument :  
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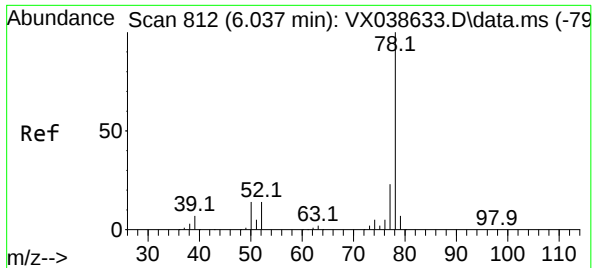
Tgt Ion:114 Resp: 423085  
Ion Ratio Lower Upper  
114 100  
63 17.1 0.0 45.0  
88 15.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.918 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion:113 Resp: 136872  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.9 124.3  
192 21.5 13.3 19.9#





#40

Benzene

Concen: 5.275 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX038743.D

Acq: 10 Nov 2023 20:47

Instrument :

MSVOA\_X

ClientSampleId :

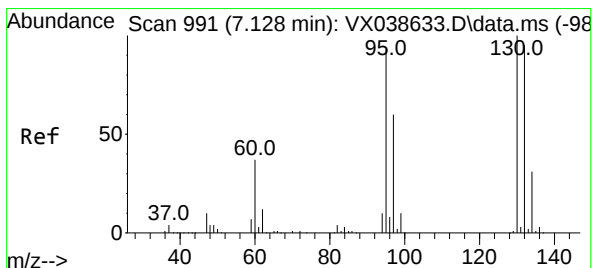
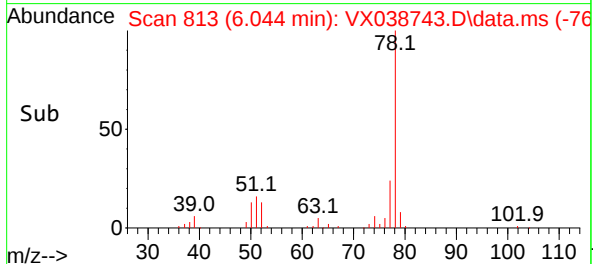
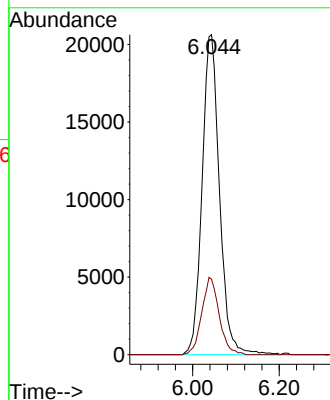
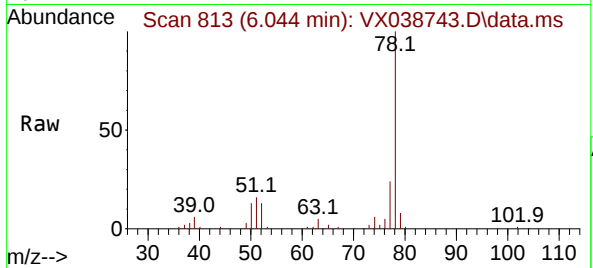
NWB-1979

Tgt Ion: 78 Resp: 57511

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



#44

Trichloroethene

Concen: 0.827 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038743.D

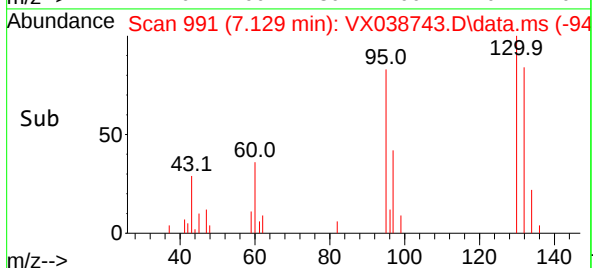
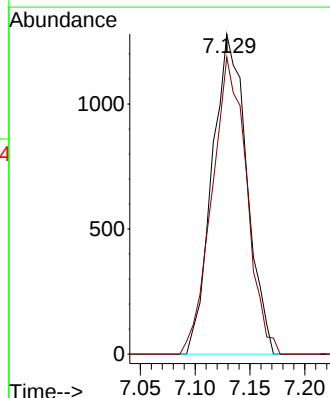
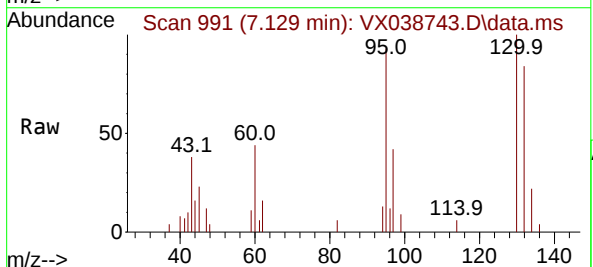
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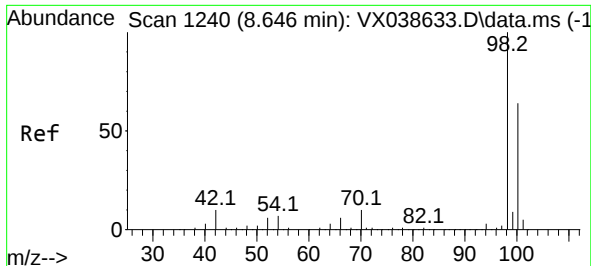
Tgt Ion:130 Resp: 2806

Ion Ratio Lower Upper

130 100

95 92.7 0.0 204.4

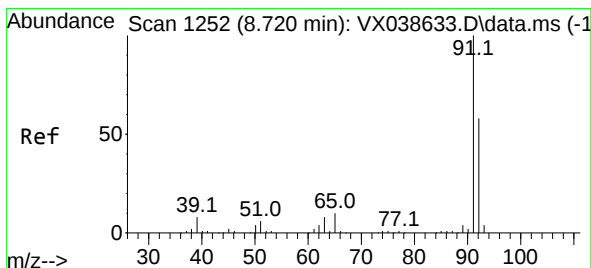
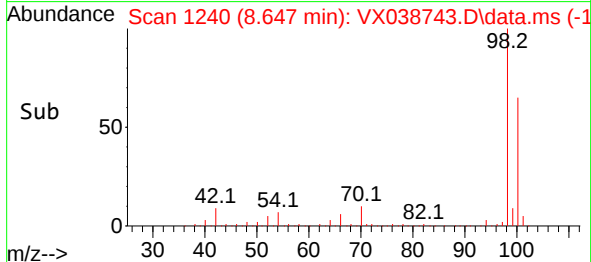
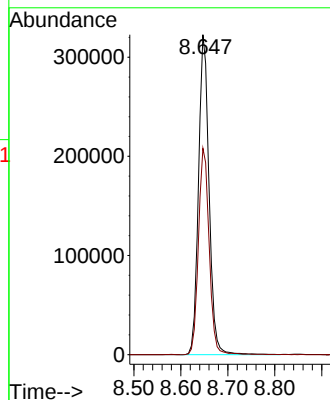
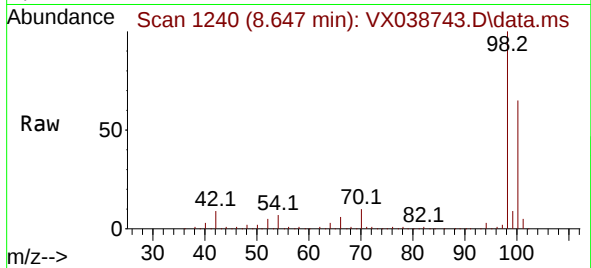




#50  
Toluene-d8  
Concen: 46.372 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

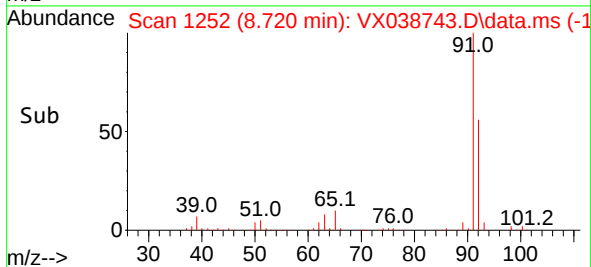
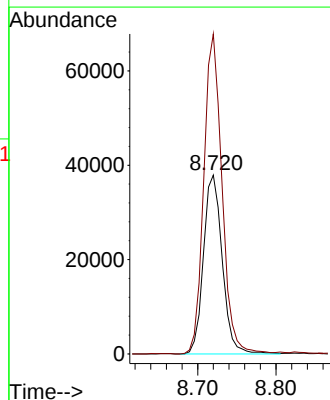
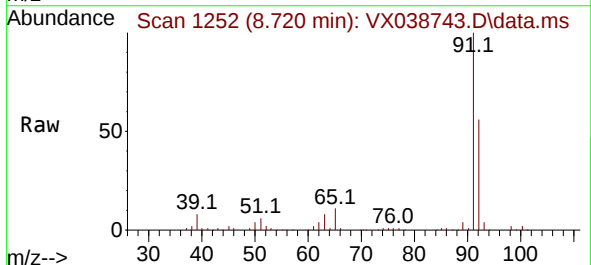
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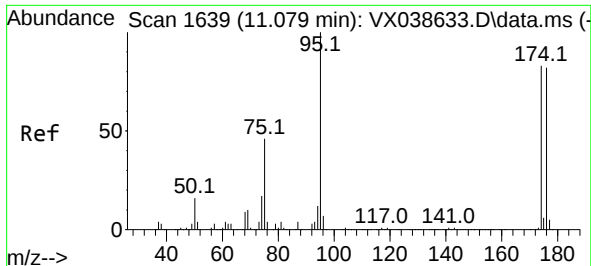
Tgt Ion: 98 Resp: 505647  
Ion Ratio Lower Upper  
98 100  
100 65.7 53.1 79.7



#52  
Toluene  
Concen: 8.845 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 92 Resp: 63171  
Ion Ratio Lower Upper  
92 100  
91 173.3 134.2 201.2

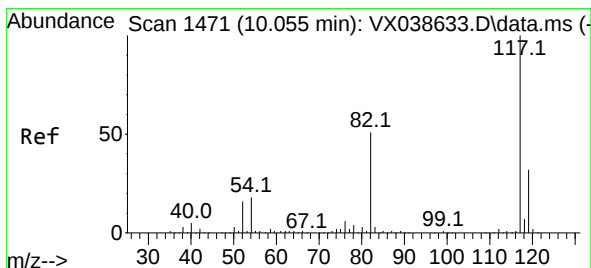
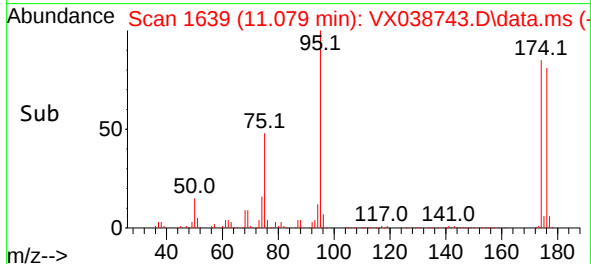
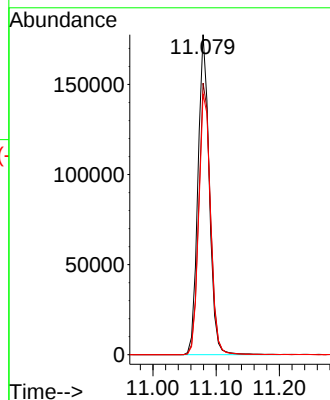
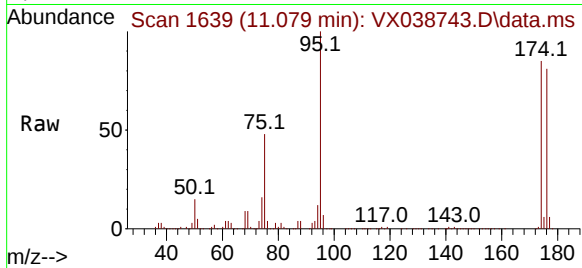




#62  
4-Bromofluorobenzene  
Concen: 52.443 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

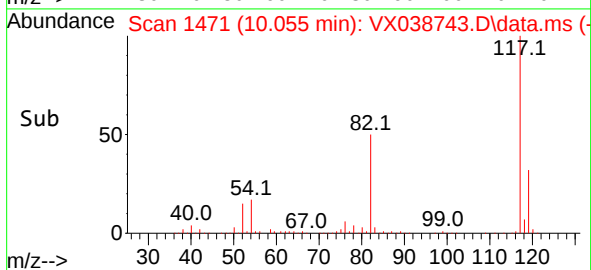
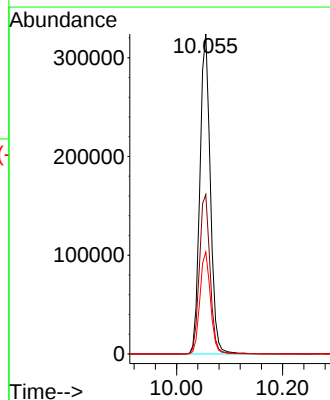
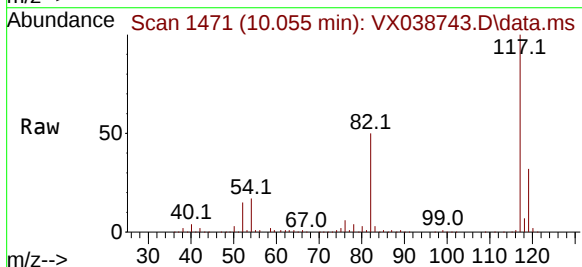
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

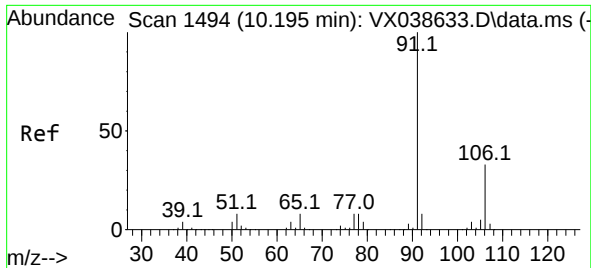
Tgt Ion: 95 Resp: 221711  
Ion Ratio Lower Upper  
95 100  
174 87.8 0.0 135.6  
176 84.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 117 Resp: 445439  
Ion Ratio Lower Upper  
117 100  
82 49.8 46.2 69.4  
119 31.9 25.5 38.3

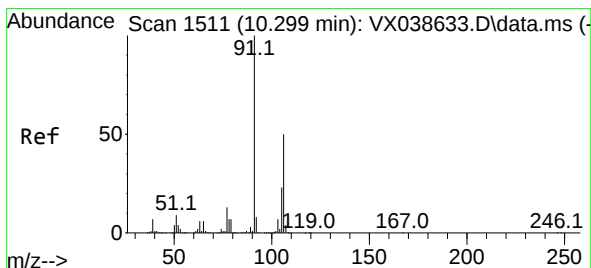
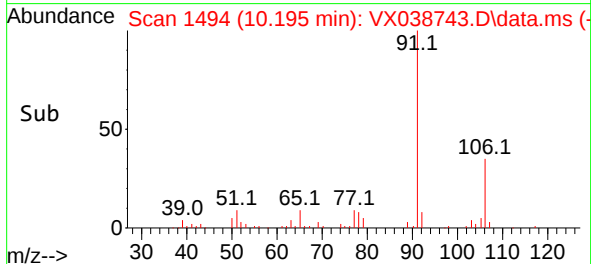
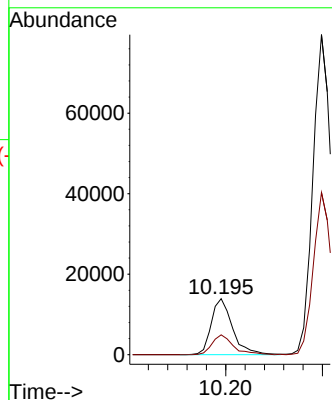
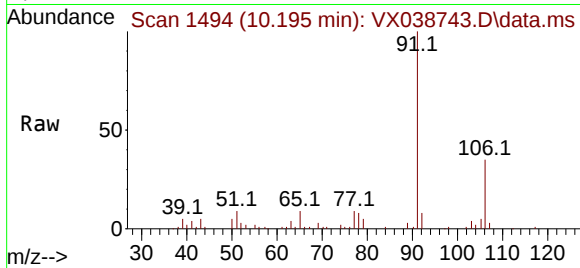




#67  
Ethyl Benzene  
Concen: 1.377 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

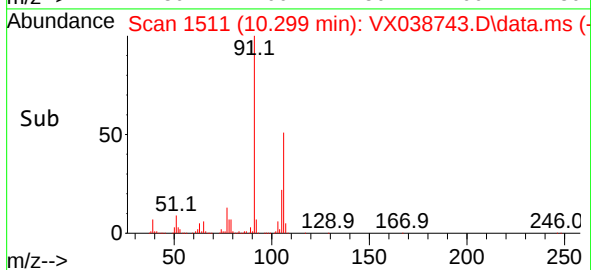
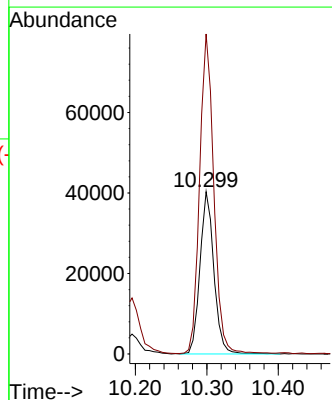
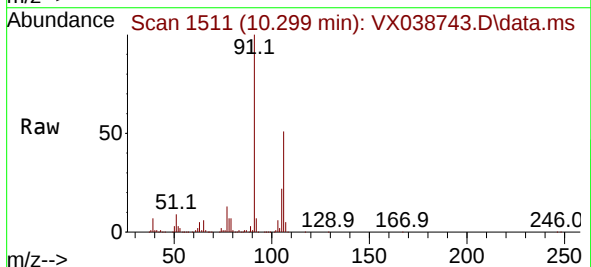
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

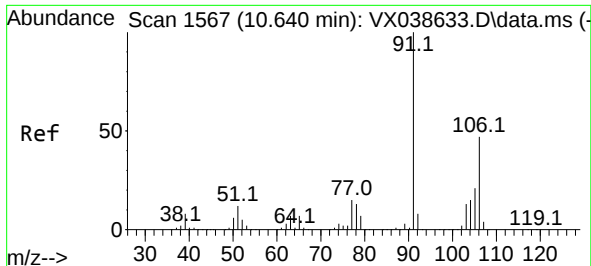
Tgt Ion: 91 Resp: 21125  
Ion Ratio Lower Upper  
91 100  
106 35.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 8.945 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 106 Resp: 54454  
Ion Ratio Lower Upper  
106 100  
91 199.9 165.5 248.3

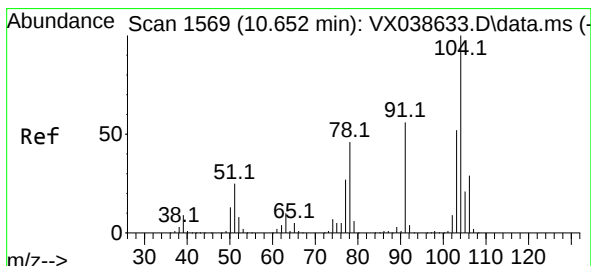
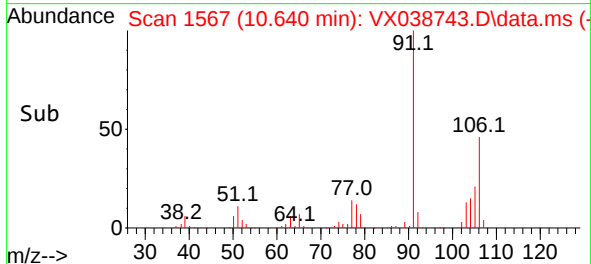
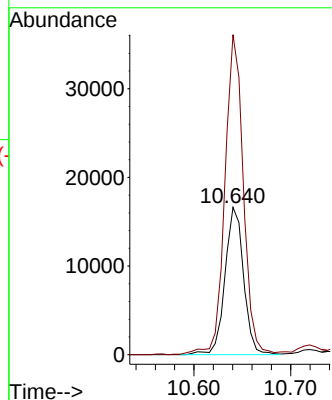
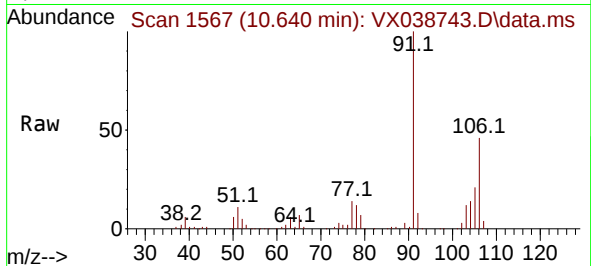




#69  
o-Xylene  
Concen: 3.751 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

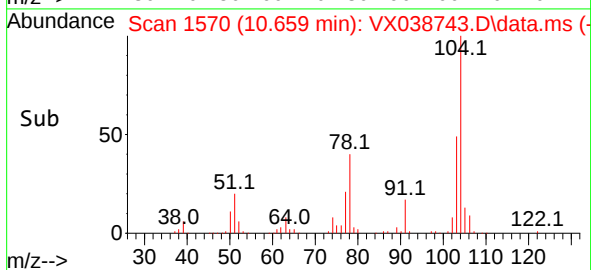
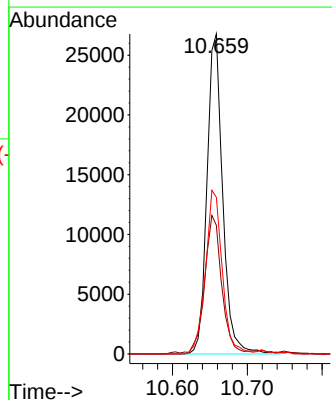
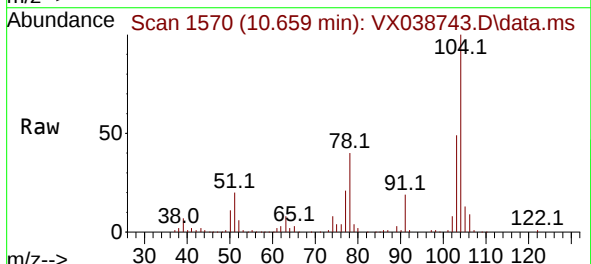
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

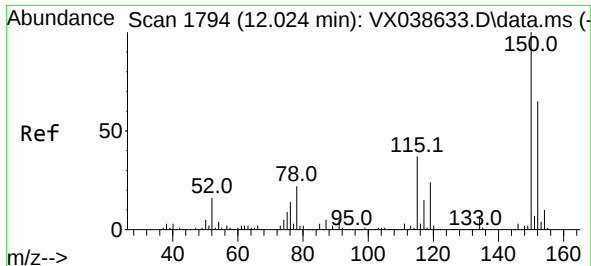
Tgt Ion:106 Resp: 22205  
Ion Ratio Lower Upper  
106 100  
91 215.5 108.9 326.8



#70  
Styrene  
Concen: 3.995 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion:104 Resp: 39035  
Ion Ratio Lower Upper  
104 100  
78 45.8 43.6 65.4  
103 54.9 43.6 65.4

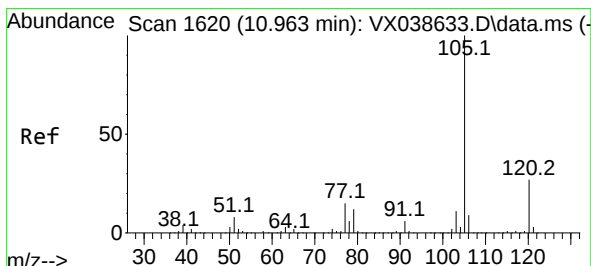
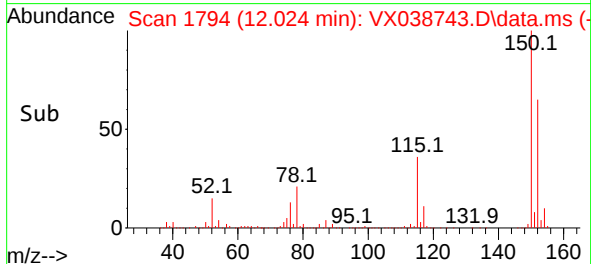
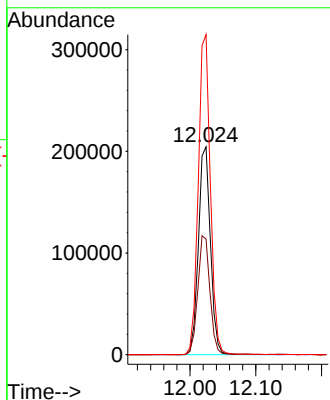
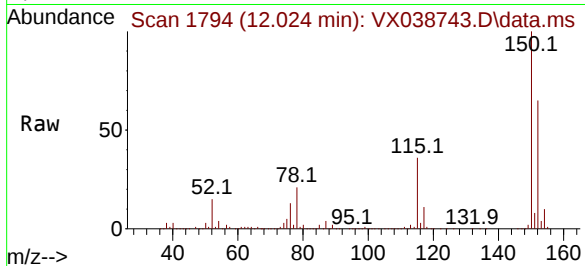




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

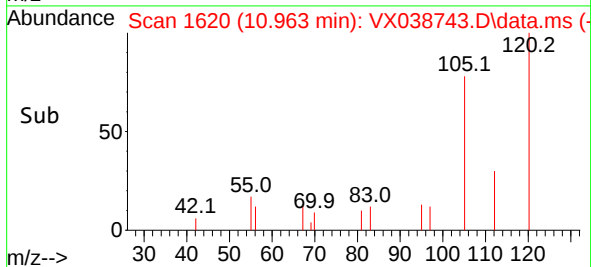
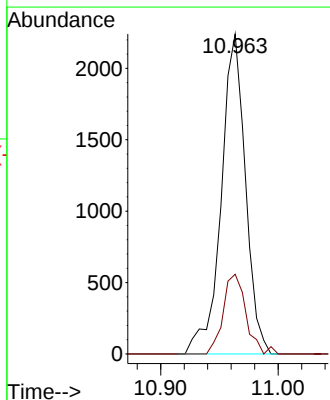
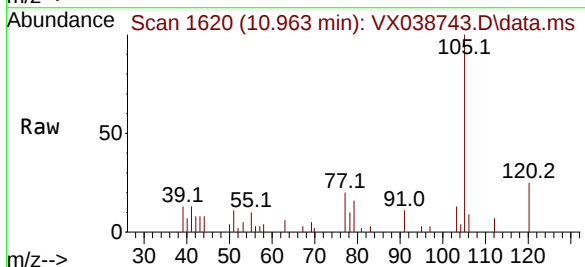
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

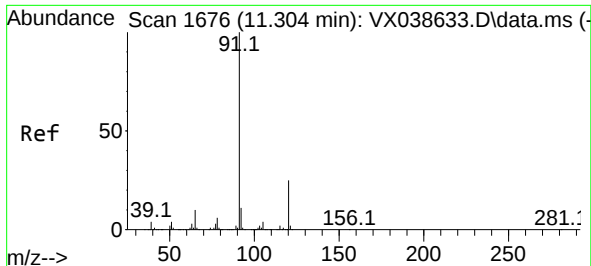
Tgt Ion:152 Resp: 259883  
Ion Ratio Lower Upper  
152 100  
115 57.5 43.3 129.9  
150 154.8 0.0 345.0



#73  
Isopropylbenzene  
Concen: 0.202 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion:105 Resp: 3217  
Ion Ratio Lower Upper  
105 100  
120 23.4 12.9 38.6

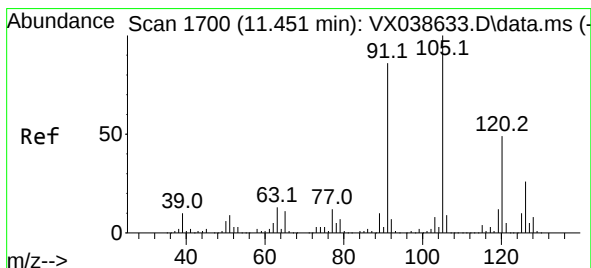
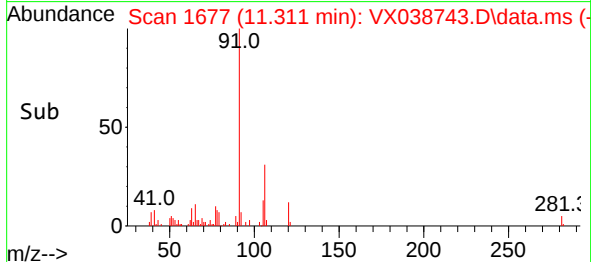
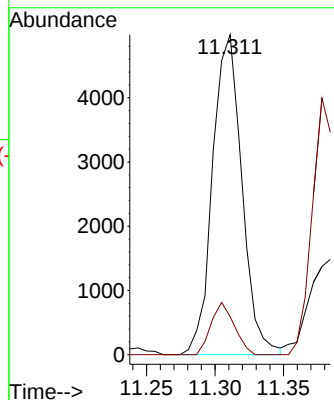
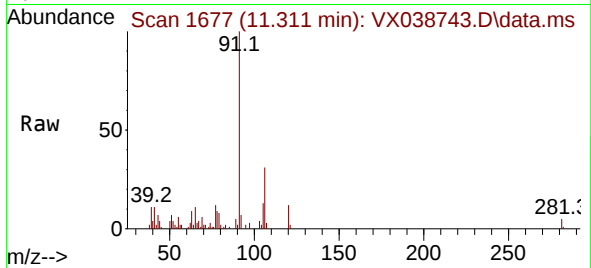




#78  
n-propylbenzene  
Concen: 0.401 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

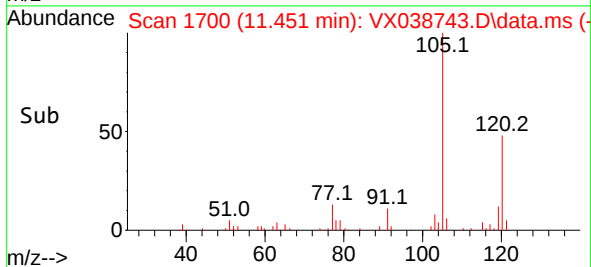
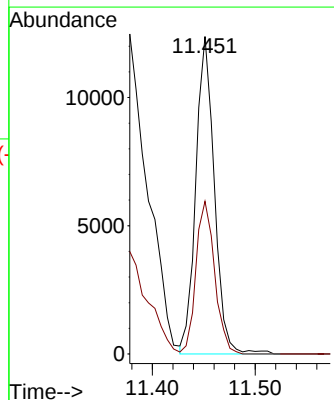
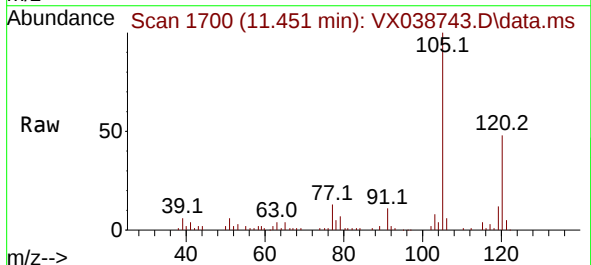
Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1979

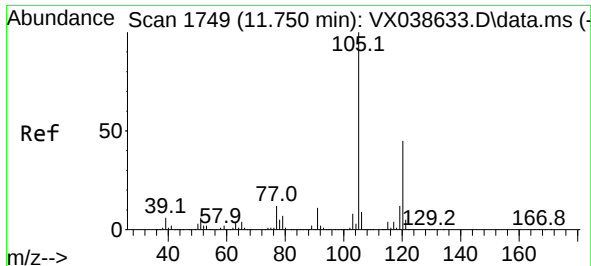
Tgt Ion: 91 Resp: 7431  
Ion Ratio Lower Upper  
91 100  
120 12.9 11.5 34.4



#80  
1,3,5-Trimethylbenzene  
Concen: 1.133 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038743.D  
Acq: 10 Nov 2023 20:47

Tgt Ion: 105 Resp: 15551  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.1 72.3

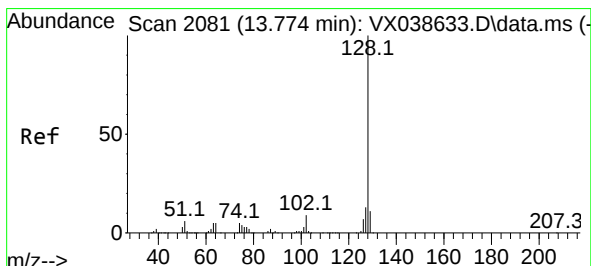
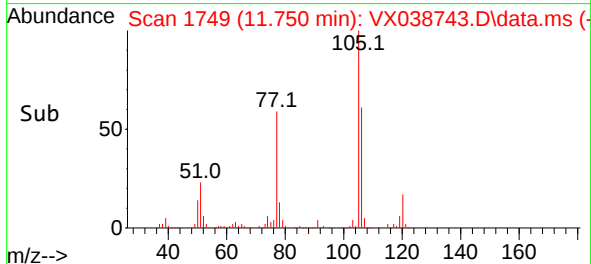
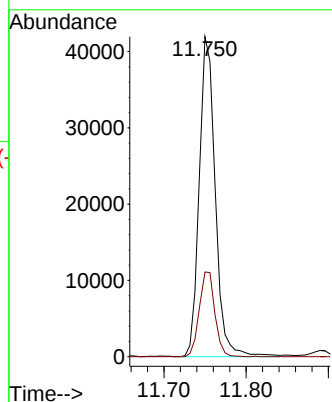
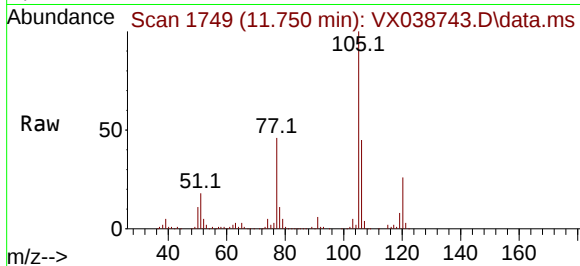




#84  
 1,2,4-Trimethylbenzene  
 Concen: 4.183 ug/l  
 RT: 11.750 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038743.D  
 Acq: 10 Nov 2023 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NWB-1979

Tgt Ion:105 Resp: 56936  
 Ion Ratio Lower Upper  
 105 100  
 120 25.7 21.2 63.6



#95  
 Naphthalene  
 Concen: 5.002 ug/l  
 RT: 13.774 min Scan# 2081  
 Delta R.T. 0.000 min  
 Lab File: VX038743.D  
 Acq: 10 Nov 2023 20:47

Tgt Ion:128 Resp: 88176  
 Ion Ratio Lower Upper  
 128 100  
 127 13.4 10.3 15.5  
 129 11.4 8.8 13.2

