

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052125\  
 Data File : VN086745.D  
 Acq On : 21 May 2025 20:42  
 Operator : JC\MD  
 Sample : Q2075-06  
 Misc : 8.36g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SS-MW1-11.5

Quant Time: May 22 01:32:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 17 00:46:13 2025  
 Response via : Initial Calibration

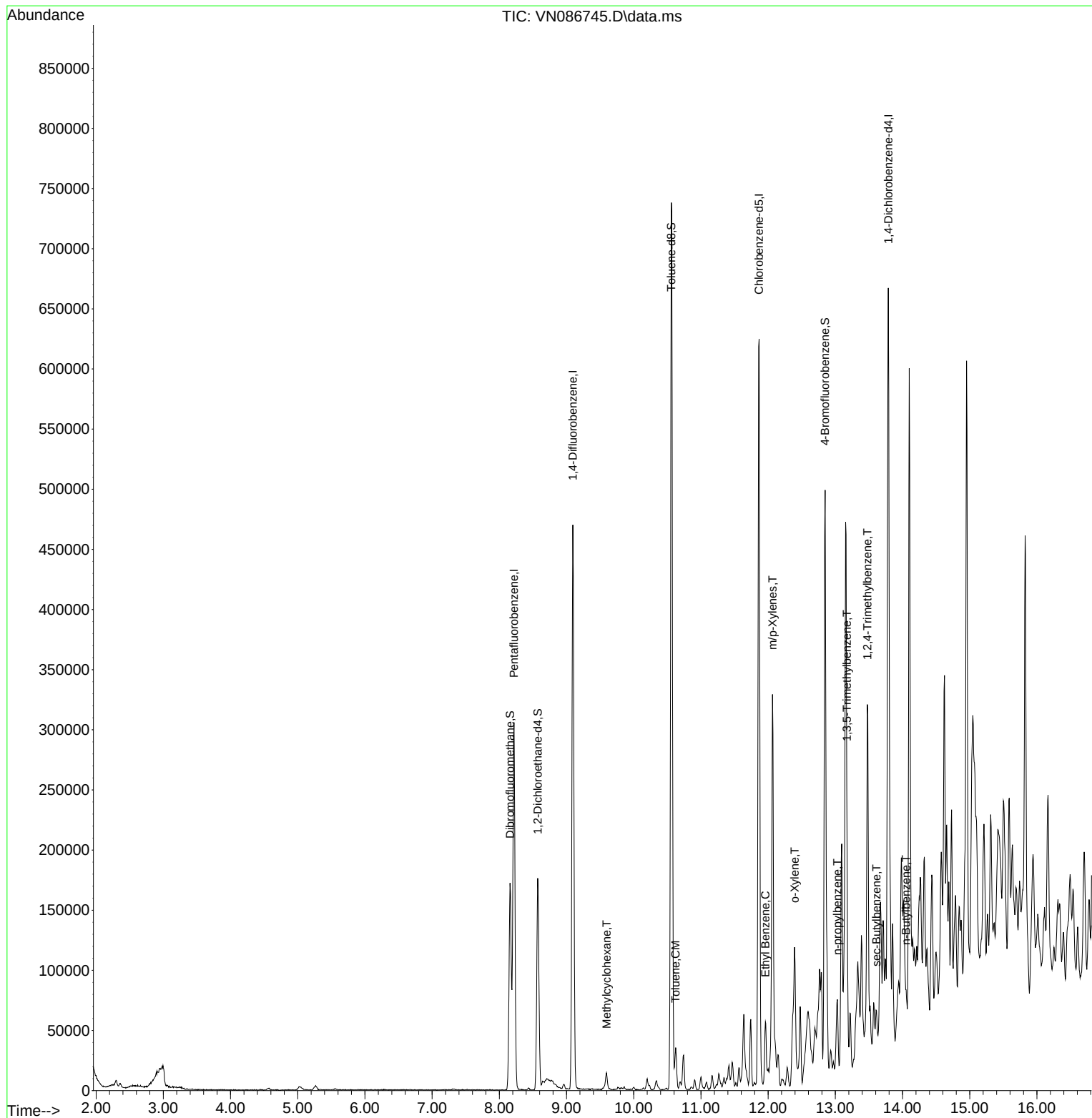
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.218          | 168  | 235646     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.094          | 114  | 434486     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 397698     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 170208     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.571          | 65   | 143526     | 44.078   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 88.160%  |        |          |
| 35) Dibromofluoromethane    | 8.159          | 113  | 128511     | 49.665   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 99.340%  |        |          |
| 50) Toluene-d8              | 10.559         | 98   | 545852     | 50.905   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 101.820% |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 182003     | 48.070   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 96.140%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        | Qvalue   |
| 39) Methylcyclohexane       | 9.594          | 83   | 6242       | 1.511    | ug/l   | 95       |
| 52) Toluene                 | 10.624         | 92   | 15096      | 1.951    | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.959         | 91   | 38627      | 2.586    | ug/l   | 98       |
| 68) m/p-Xylenes             | 12.065         | 106  | 52523      | 9.283    | ug/l   | 98       |
| 69) o-Xylene                | 12.394         | 106  | 27858      | 4.953    | ug/l   | 98       |
| 78) n-propylbenzene         | 13.029         | 91   | 37503      | 2.486    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 13.171         | 105  | 46780      | 4.442    | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.476         | 105  | 174458     | 16.634   | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.612         | 105  | 14796      | 1.201    | ug/l   | 89       |
| 89) n-Butylbenzene          | 14.053         | 91   | 17013      | 2.033    | ug/l # | 81       |
| -----                       |                |      |            |          |        |          |

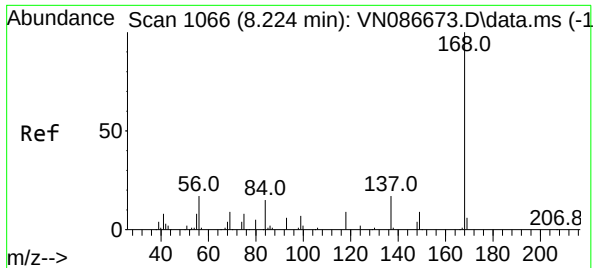
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052125\  
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Sample : Q2075-06  
Misc : 8.36g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

Quant Time: May 22 01:32:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 17 00:46:13 2025  
Response via : Initial Calibration

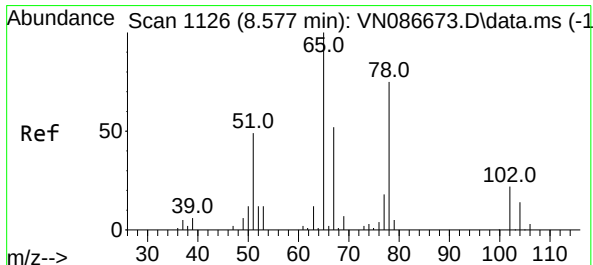
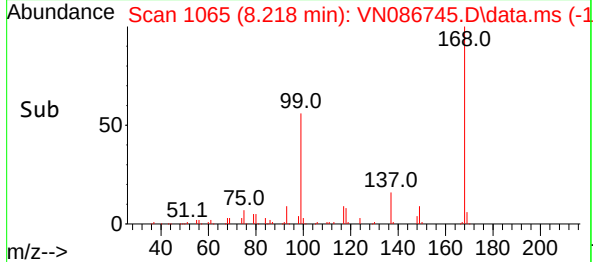
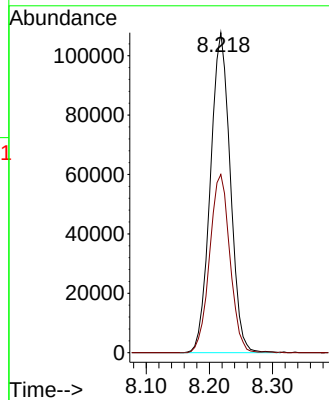
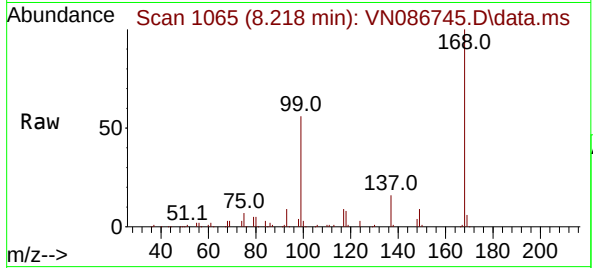




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

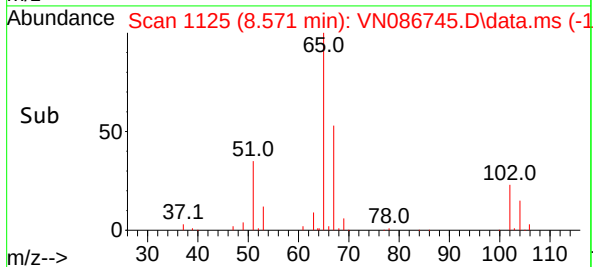
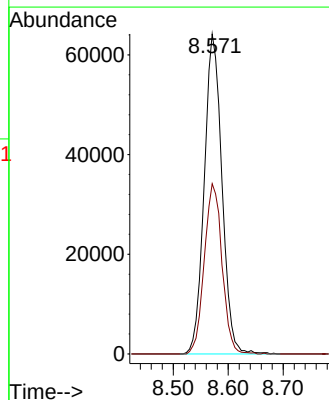
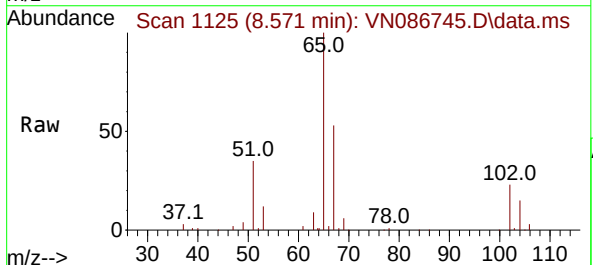
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

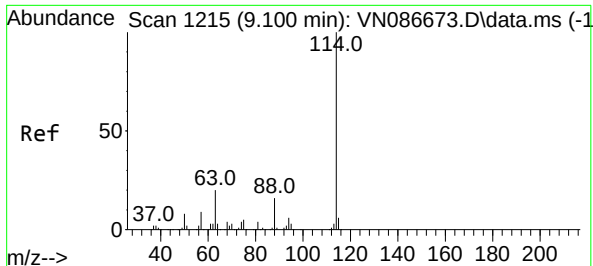
Tgt Ion:168 Resp: 235646  
Ion Ratio Lower Upper  
168 100  
99 55.7 47.0 70.4



#33  
1,2-Dichloroethane-d4  
Concen: 44.078 ug/l  
RT: 8.571 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion: 65 Resp: 143526  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 106.4

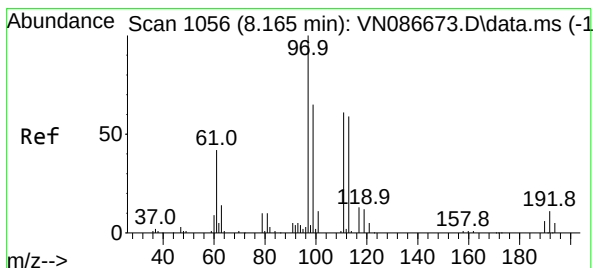
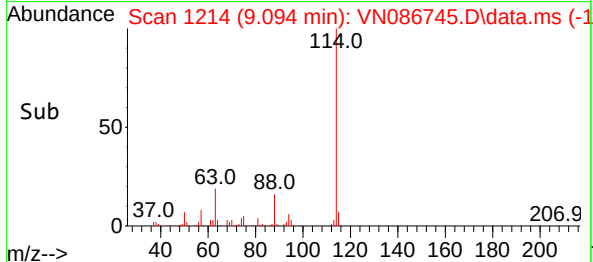
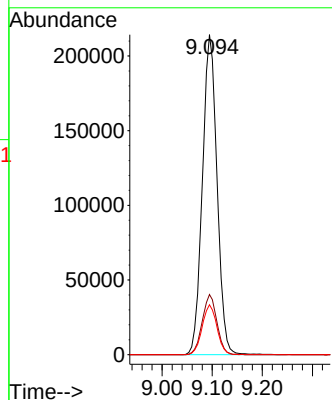
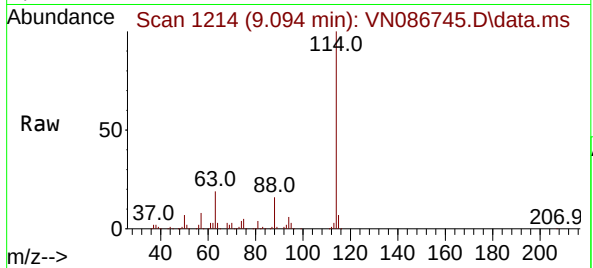




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.094 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

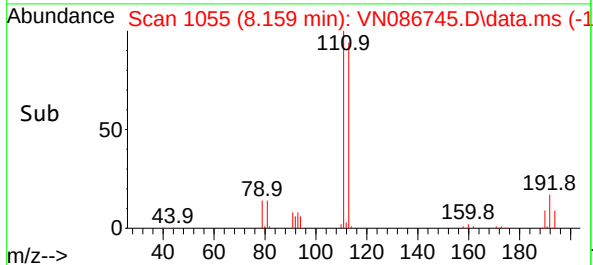
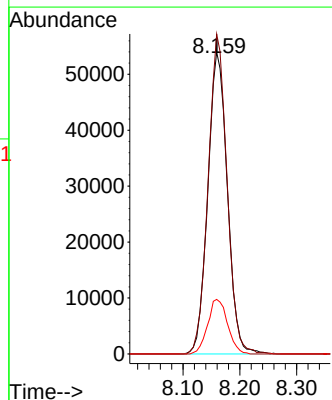
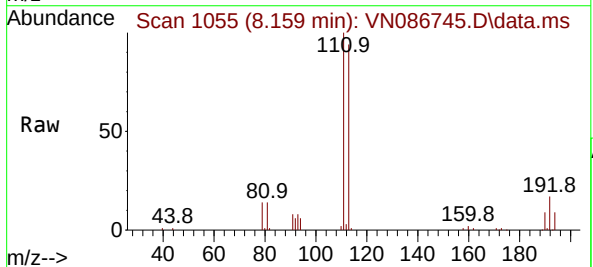
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

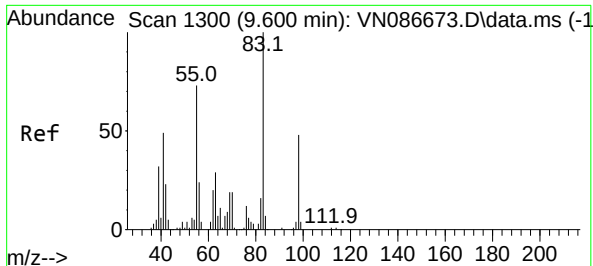
Tgt Ion:114 Resp: 434486  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 40.2  
88 15.6 0.0 31.2



#35  
Dibromofluoromethane  
Concen: 49.665 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion:113 Resp: 128511  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 18.5 13.8 20.8





#39

Methylcyclohexane

Concen: 1.511 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086745.D

Acq: 21 May 2025 20:42

Instrument :

MSVOA\_N

ClientSampleId :

SS-MW1-11.5

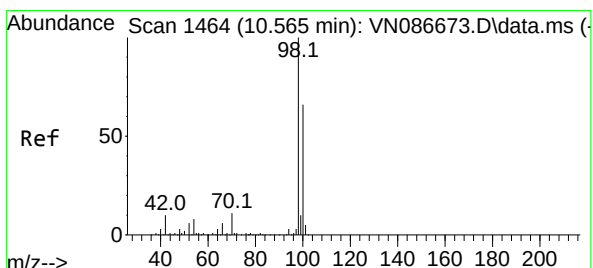
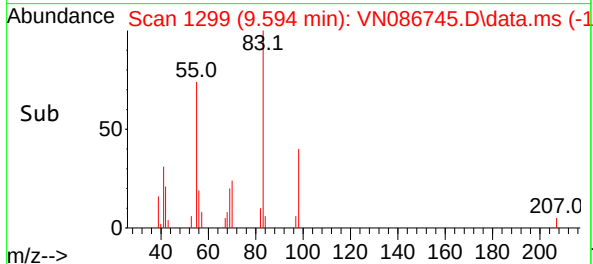
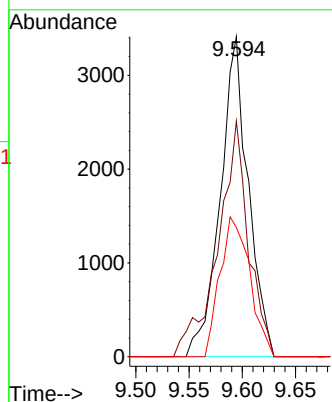
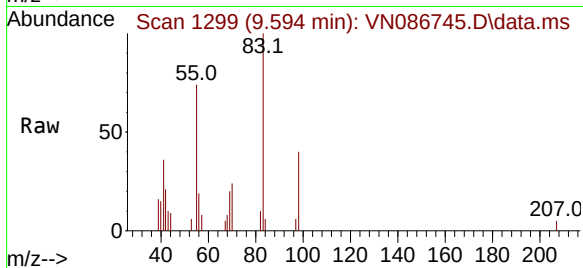
Tgt Ion: 83 Resp: 6242

Ion Ratio Lower Upper

83 100

55 73.6 58.2 87.4

98 40.4 38.4 57.6



#50

Toluene-d8

Concen: 50.905 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN086745.D

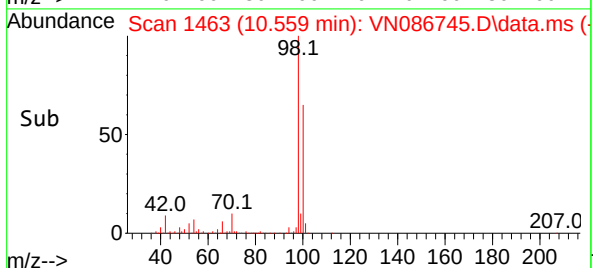
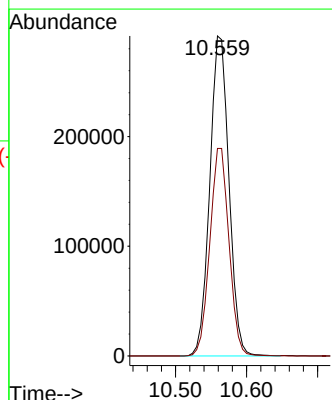
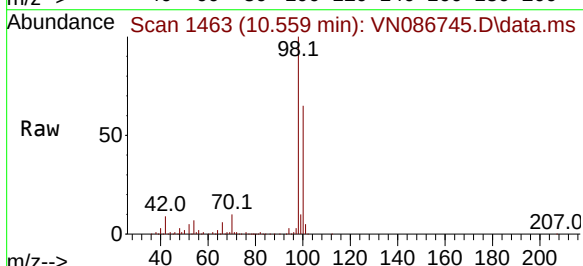
Acq: 21 May 2025 20:42

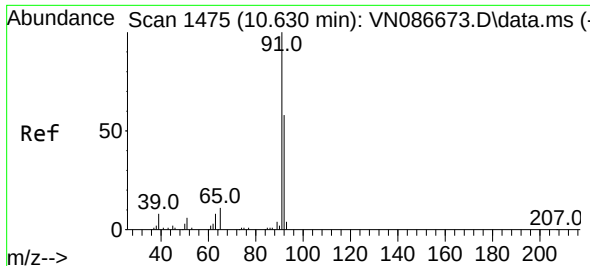
Tgt Ion: 98 Resp: 545852

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3

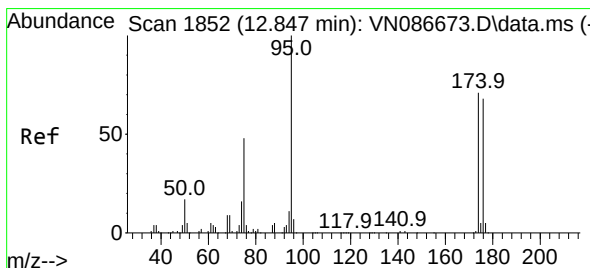
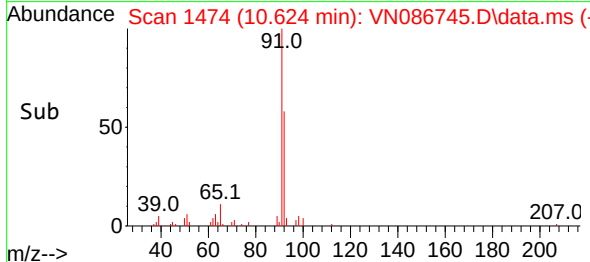
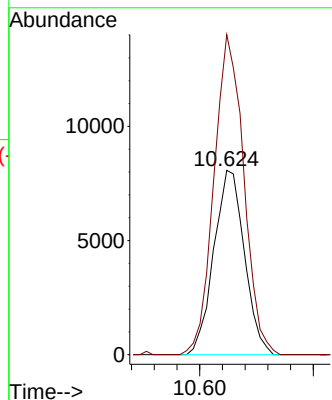
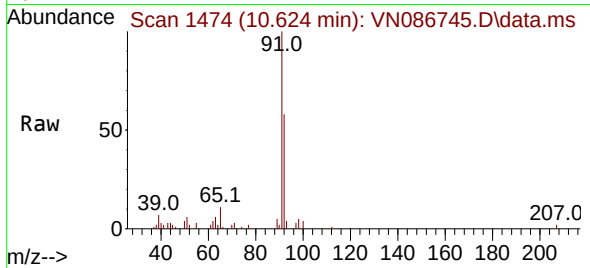




#52  
Toluene  
Concen: 1.951 ug/l  
RT: 10.624 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

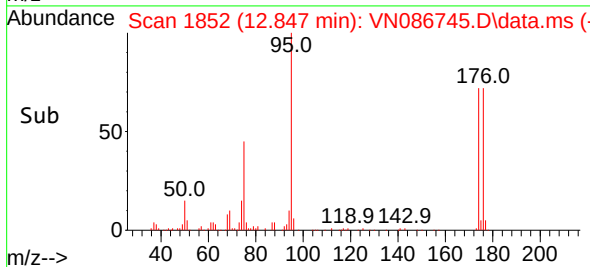
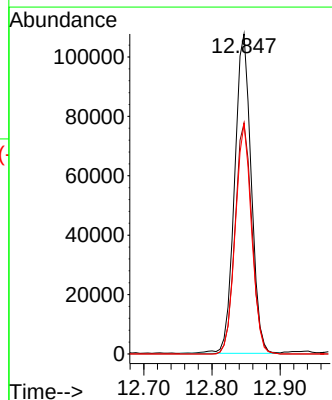
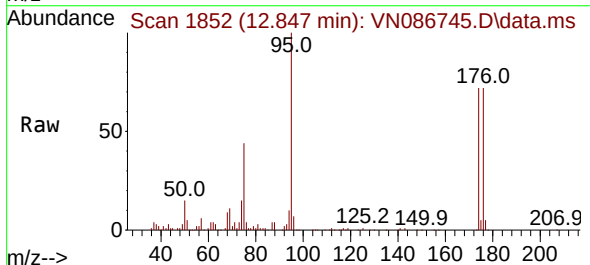
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

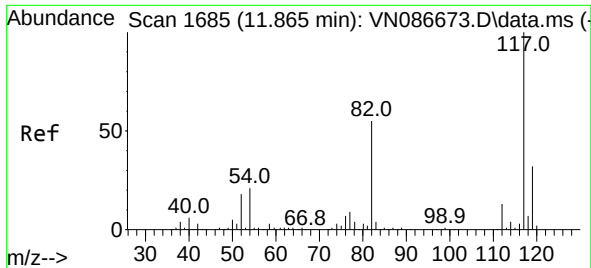
Tgt Ion: 92 Resp: 15096  
Ion Ratio Lower Upper  
92 100  
91 169.0 137.8 206.8



#62  
4-Bromofluorobenzene  
Concen: 48.070 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion: 95 Resp: 182003  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 145.4  
176 70.6 0.0 137.8

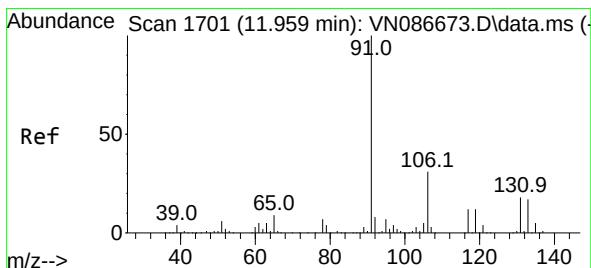
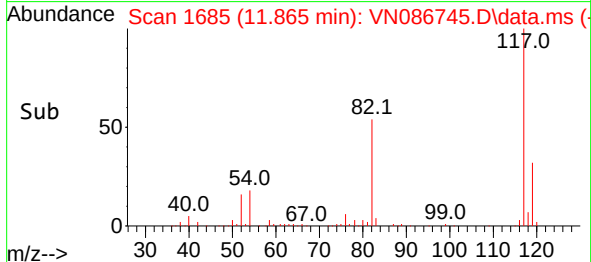
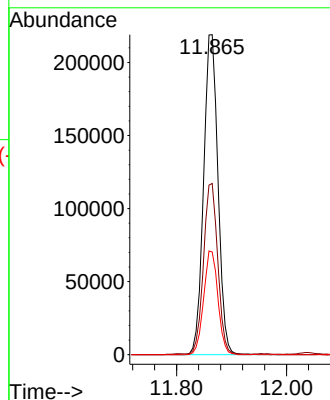
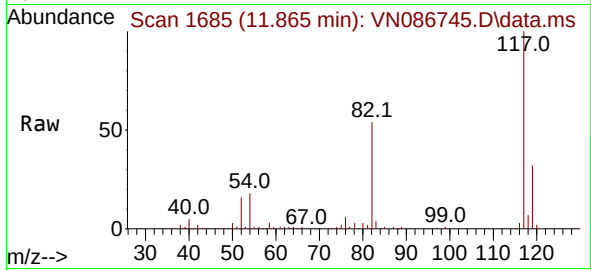




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

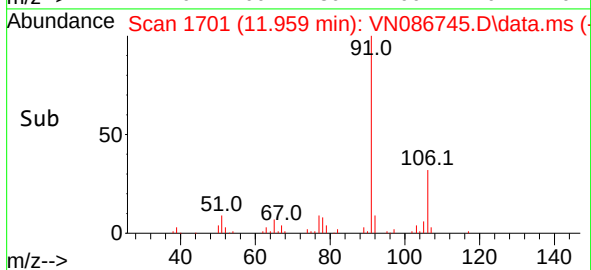
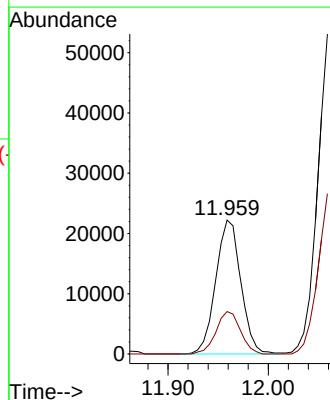
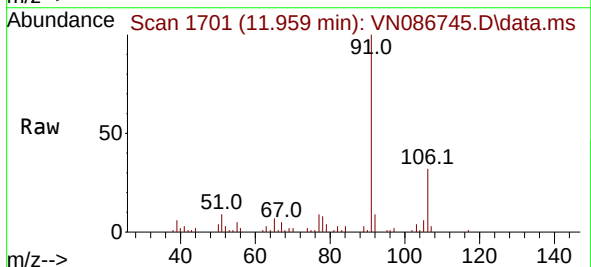
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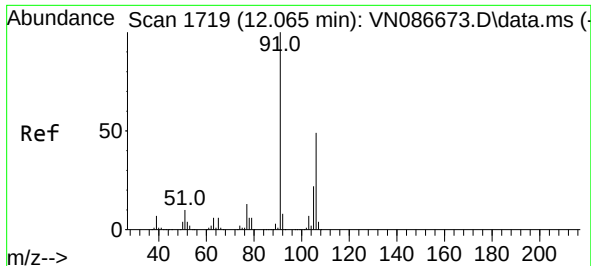
Tgt Ion:117 Resp: 397698  
Ion Ratio Lower Upper  
117 100  
82 53.4 44.2 66.2  
119 32.1 25.4 38.2



#67  
Ethyl Benzene  
Concen: 2.586 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion: 91 Resp: 38627  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.6 36.8

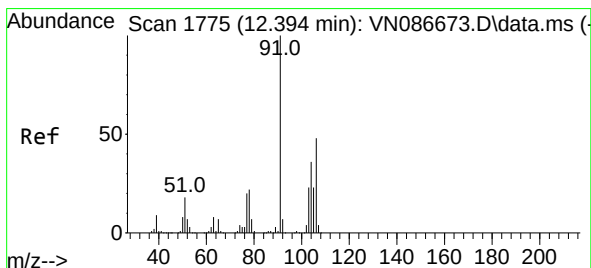
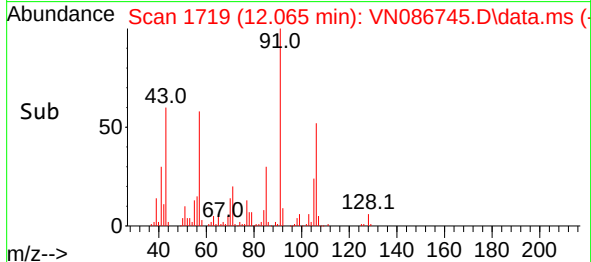
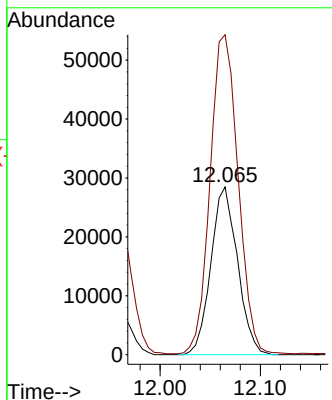
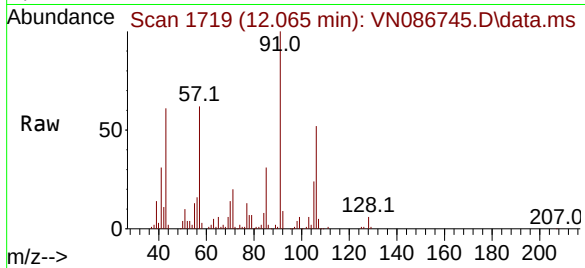




#68  
m/p-Xylenes  
Concen: 9.283 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

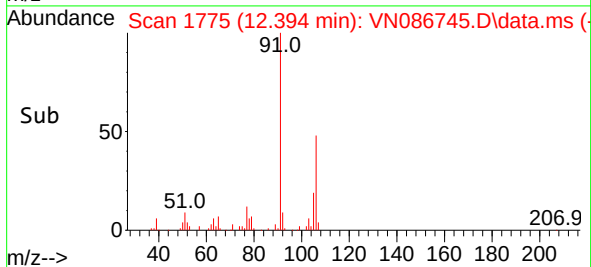
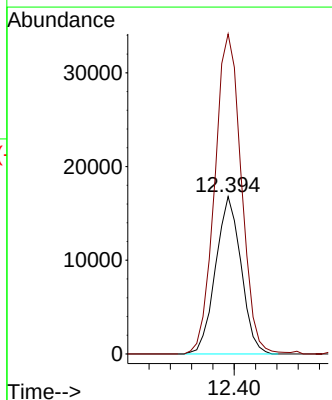
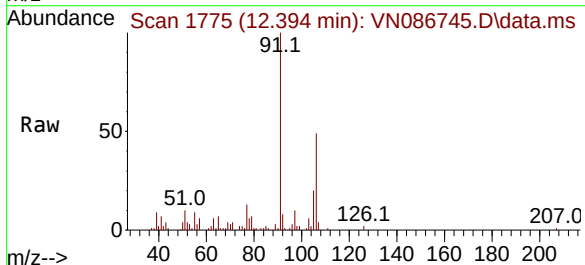
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

Tgt Ion:106 Resp: 52523  
Ion Ratio Lower Upper  
106 100  
91 200.2 162.4 243.6

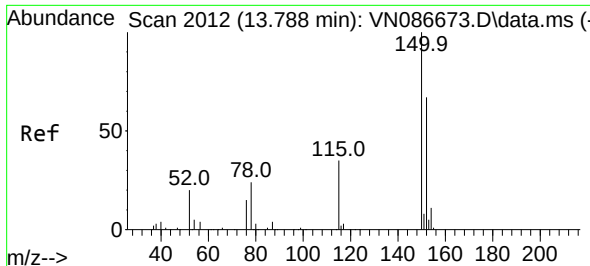


#69  
o-Xylene  
Concen: 4.953 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion:106 Resp: 27858  
Ion Ratio Lower Upper  
106 100  
91 212.7 105.1 315.1



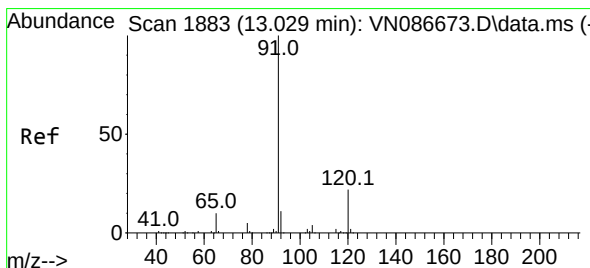
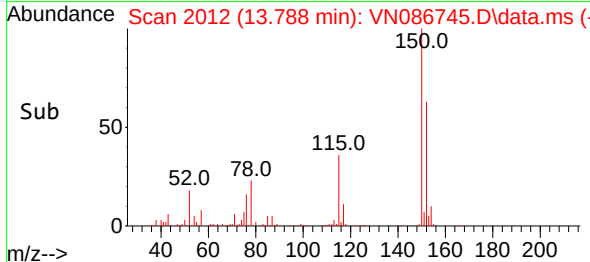
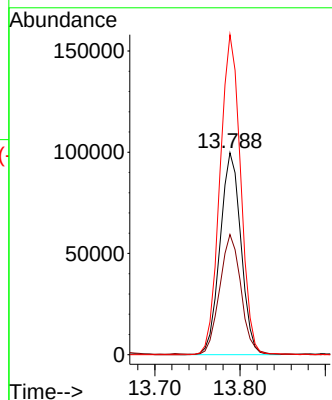
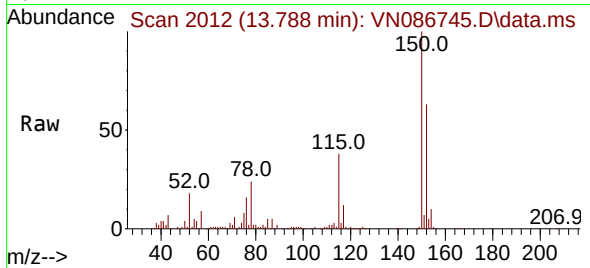




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

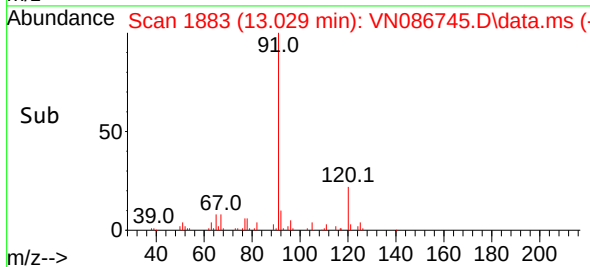
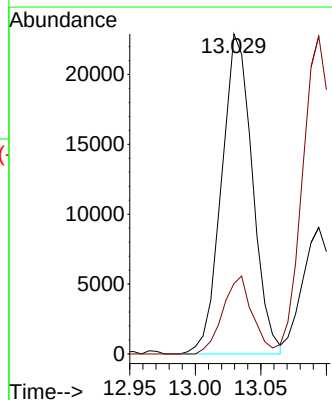
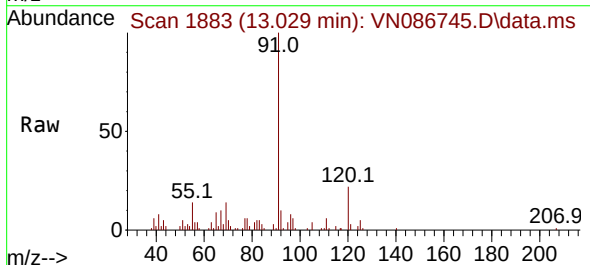
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

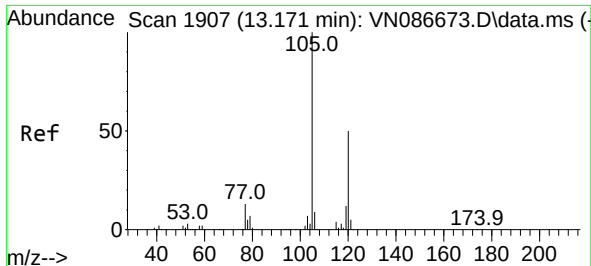
Tgt Ion:152 Resp: 170208  
Ion Ratio Lower Upper  
152 100  
115 60.3 30.0 90.1  
150 157.1 0.0 347.8



#78  
n-propylbenzene  
Concen: 2.486 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion: 91 Resp: 37503  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.4 34.1

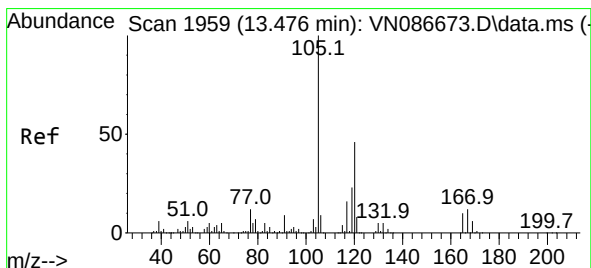
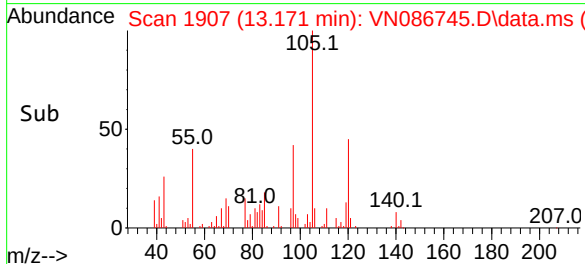
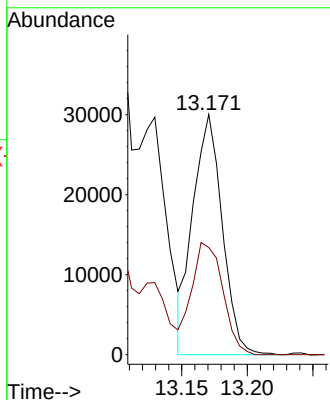
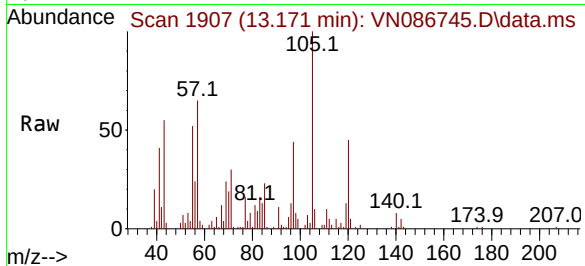




#80  
1,3,5-Trimethylbenzene  
Concen: 4.442 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

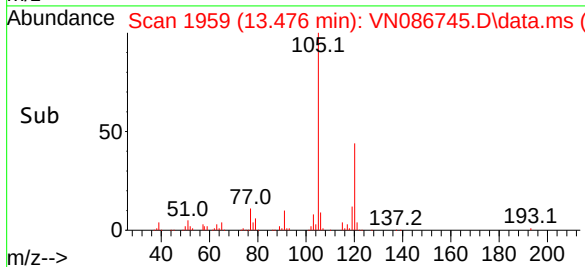
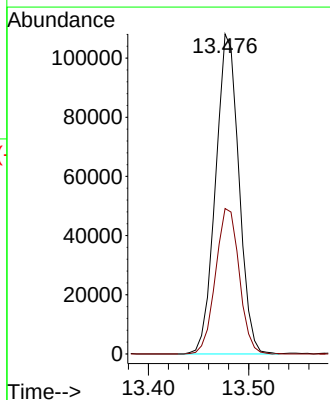
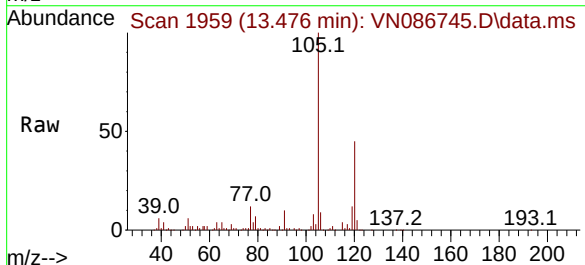
Instrument :  
MSVOA\_N  
ClientSampleId :  
SS-MW1-11.5

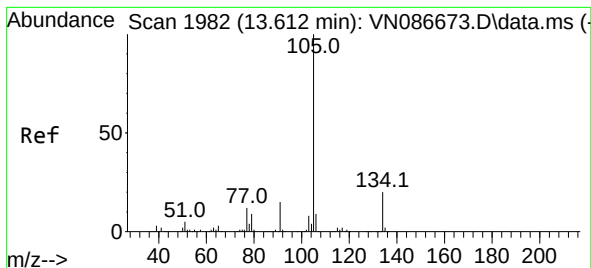
Tgt Ion:105 Resp: 46780  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.9 74.6



#84  
1,2,4-Trimethylbenzene  
Concen: 16.634 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: VN086745.D  
Acq: 21 May 2025 20:42

Tgt Ion:105 Resp: 174458  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 1.201 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086745.D

Acq: 21 May 2025 20:42

Instrument :

MSVOA\_N

ClientSampleId :

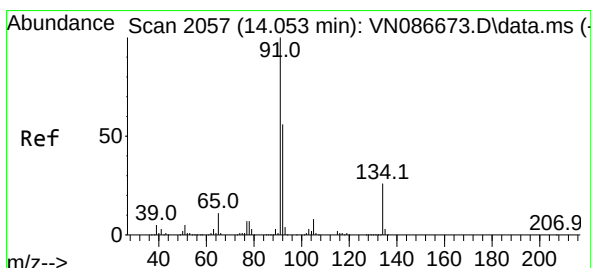
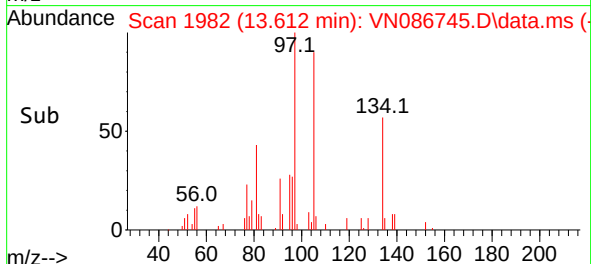
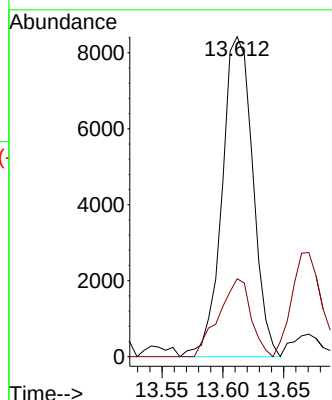
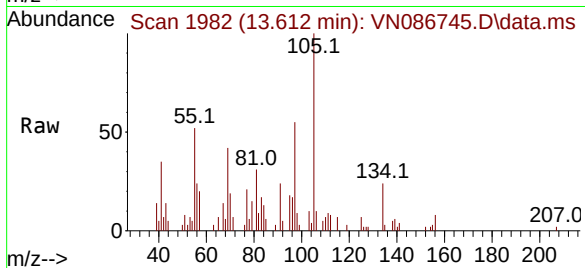
SS-MW1-11.5

Tgt Ion:105 Resp: 14796

Ion Ratio Lower Upper

105 100

134 25.4 10.1 30.1



#89

n-Butylbenzene

Concen: 2.033 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086745.D

Acq: 21 May 2025 20:42

Tgt Ion: 91 Resp: 17013

Ion Ratio Lower Upper

91 100

92 57.4 27.4 82.0

134 0.0 12.8 38.4#

