

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080117.D
 Acq On : 15 Nov 2023 17:52
 Operator : JC\MD
 Sample : 05417-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1118

Quant Time: Nov 15 21:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

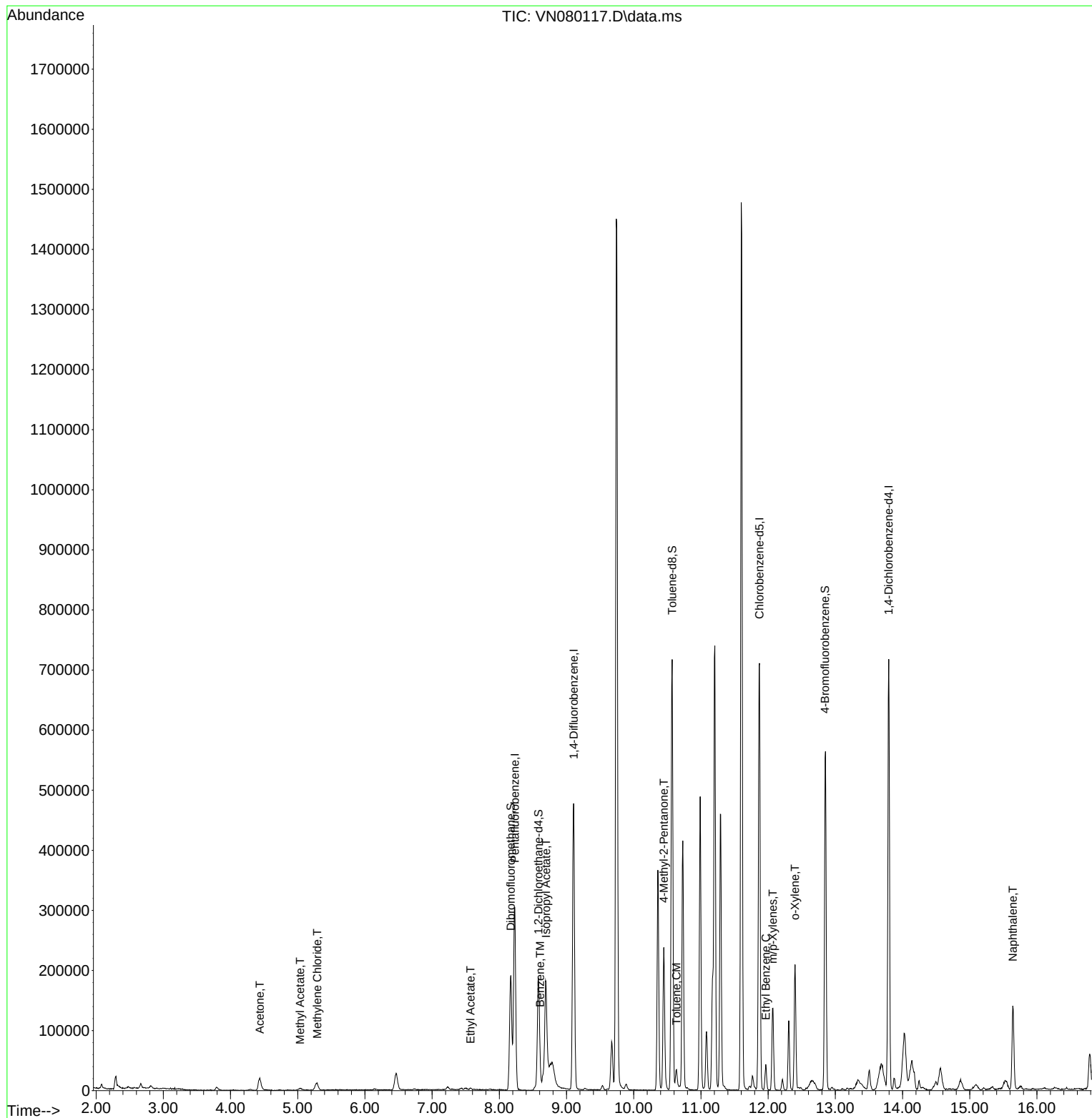
Internal Standards						
1) Pentafluorobenzene	8.230	168	213652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	403504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	407836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	168336	51.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.440%	
35) Dibromofluoromethane	8.171	113	134112	46.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.920%	
50) Toluene-d8	10.571	98	502078	47.756	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	12.847	95	198465	56.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	39833	34.838	ug/l	100
18) Methyl Acetate	5.036	43	6852	1.253	ug/l #	88
20) Methylene Chloride	5.289	84	9939	3.445	ug/l #	95
37) Ethyl Acetate	7.571	43	4006	1.071	ug/l #	89
40) Benzene	8.606	78	12988	1.063	ug/l	94
43) Isopropyl Acetate	8.694	43	230956	35.216	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	149228	40.416	ug/l	95
52) Toluene	10.635	92	14386	1.987	ug/l	97
67) Ethyl Benzene	11.965	91	16660	1.081	ug/l	93
68) m/p-Xylenes	12.071	106	41011	7.143	ug/l	86
69) o-Xylene	12.400	106	54500	9.857	ug/l	85
95) Naphthalene	15.641	128	129685	12.955	ug/l	99

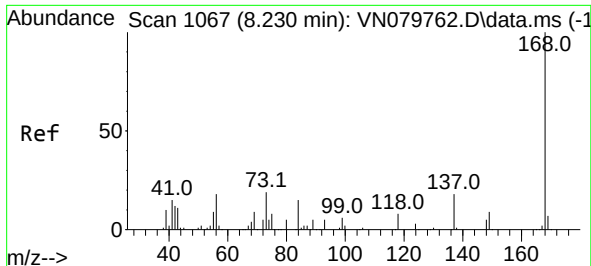
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
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1118

Quant Time: Nov 15 21:56:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

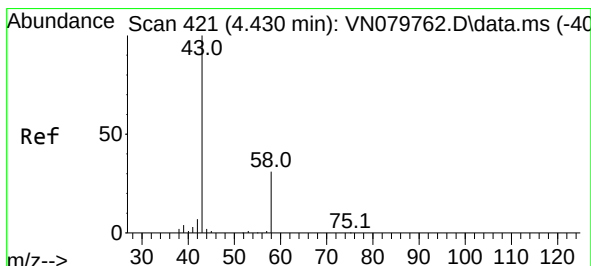
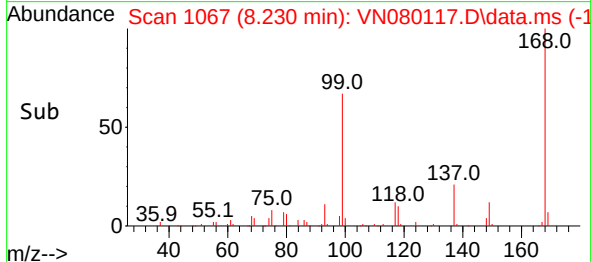
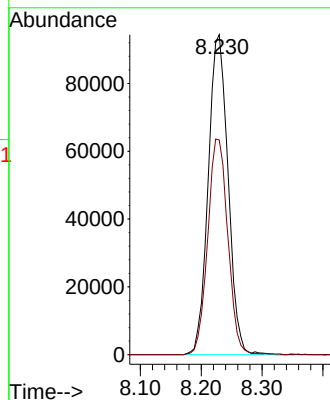
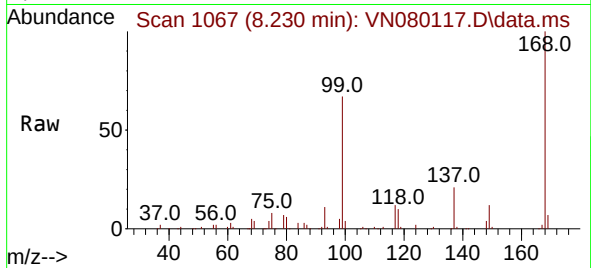




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1118
Delta R.T. 0.001 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

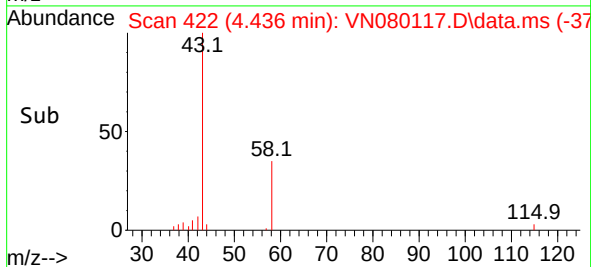
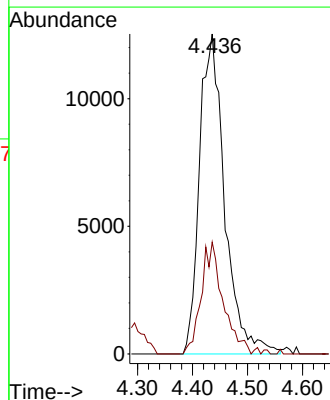
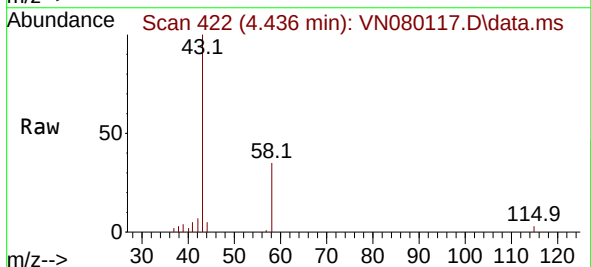
Instrument :
MSVOA_N
ClientSampleId :
1118

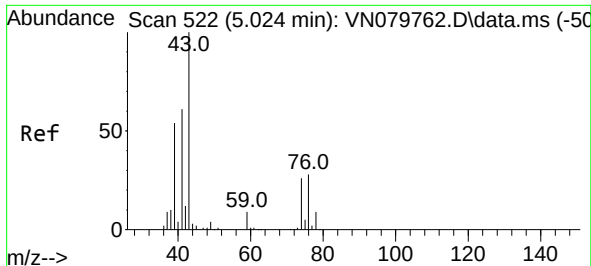
Tgt Ion:168 Resp: 213652
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#16
Acetone
Concen: 34.838 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion: 43 Resp: 39833
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

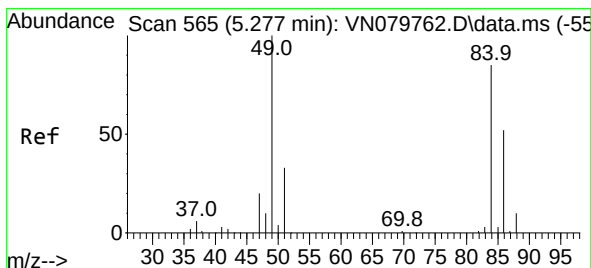
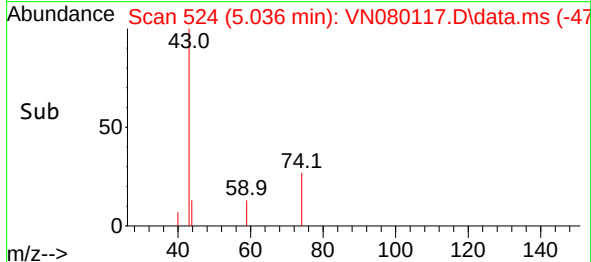
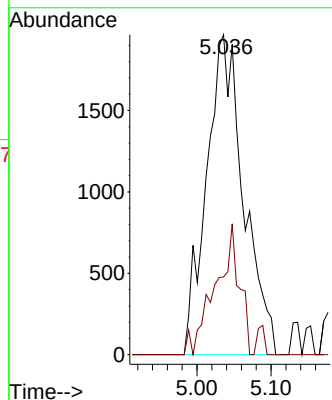
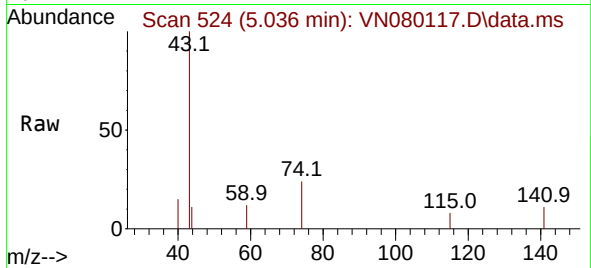




#18
Methyl Acetate
Concen: 1.253 ug/l
RT: 5.036 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

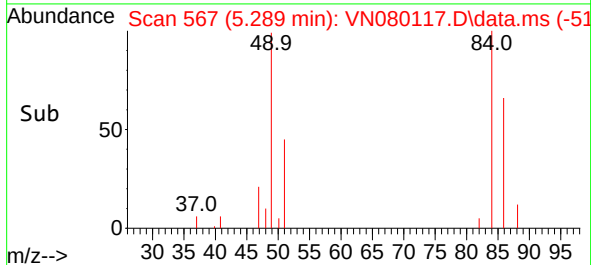
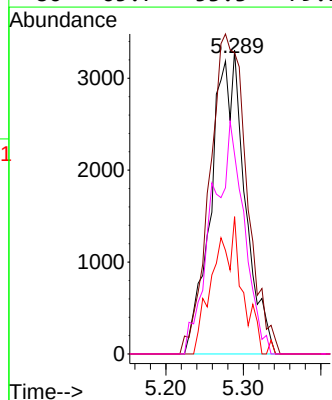
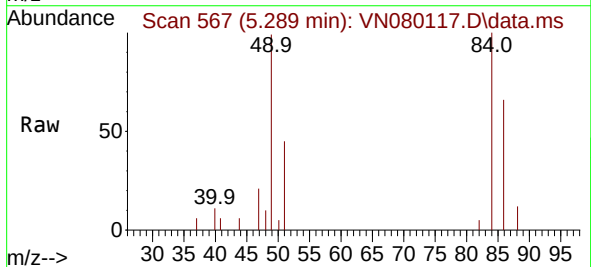
Instrument :
MSVOA_N
ClientSampleId :
1118

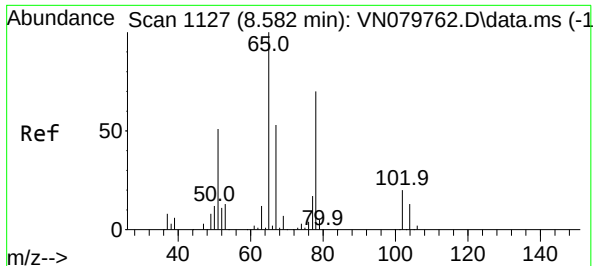
Tgt Ion: 43 Resp: 6852
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#



#20
Methylene Chloride
Concen: 3.445 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion: 84 Resp: 9939
Ion Ratio Lower Upper
84 100
49 99.2 79.7 119.5
51 45.2 25.2 37.8#
86 65.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 51.715 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

Instrument :

MSVOA_N

ClientSampleId :

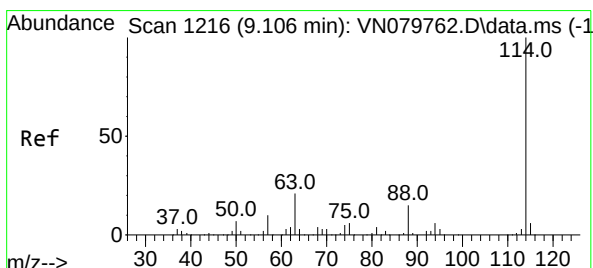
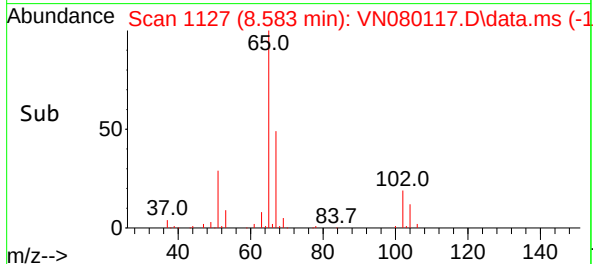
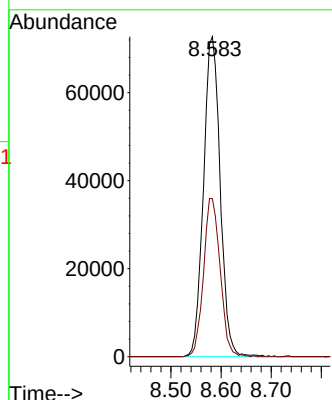
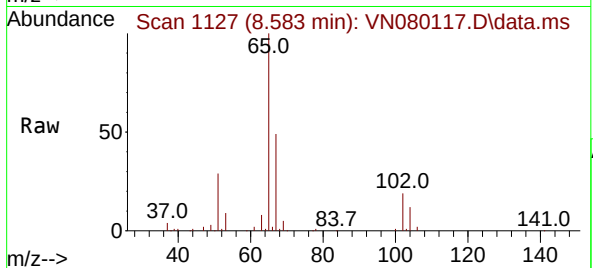
1118

Tgt Ion: 65 Resp: 168336

Ion Ratio Lower Upper

65 100

67 49.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

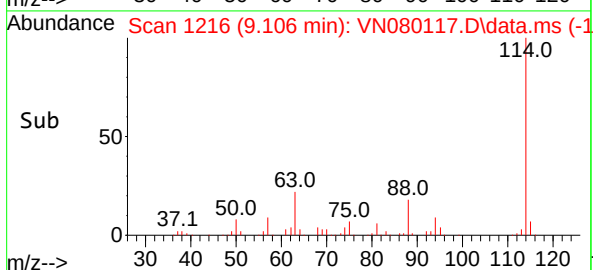
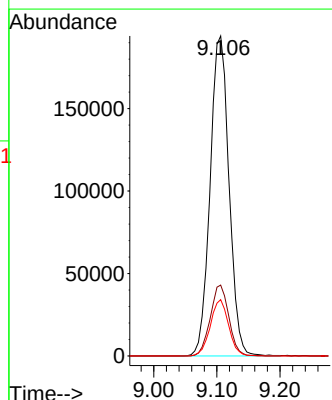
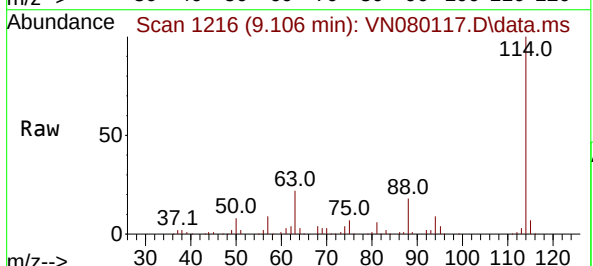
Tgt Ion: 114 Resp: 403504

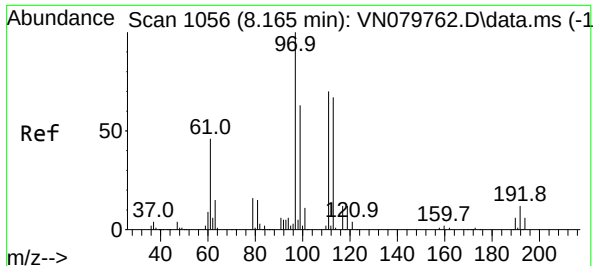
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 17.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.961 ug/l

RT: 8.171 min Scan# 1118

Delta R.T. 0.000 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

Instrument :

MSVOA_N

ClientSampleId :

1118

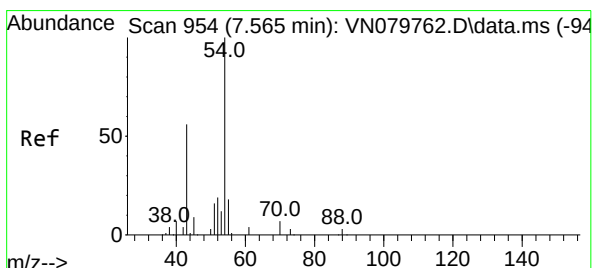
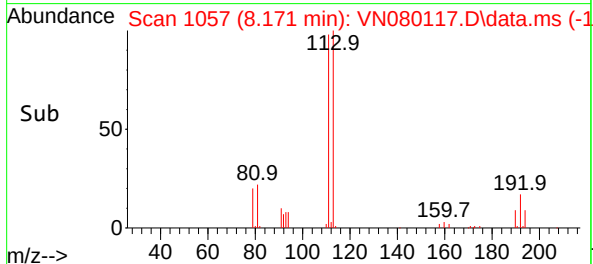
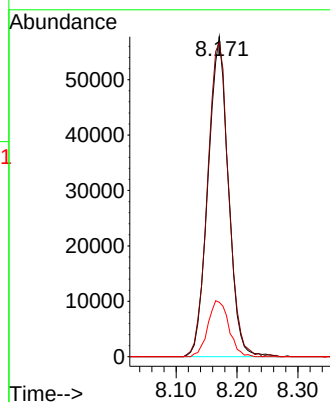
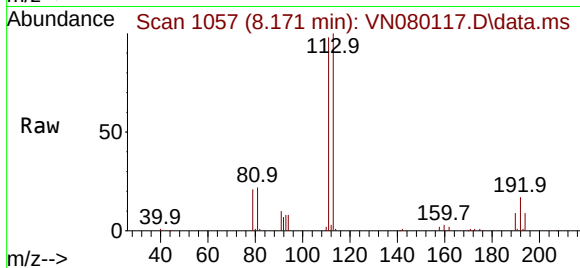
Tgt Ion:113 Resp: 134112

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 17.9 12.7 19.1



#37

Ethyl Acetate

Concen: 1.071 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

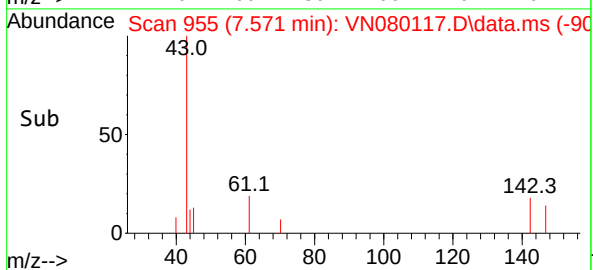
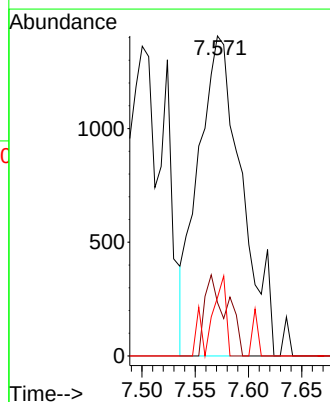
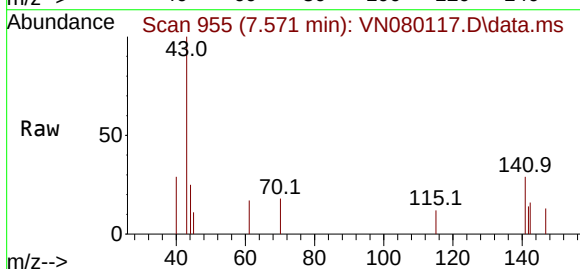
Tgt Ion: 43 Resp: 4006

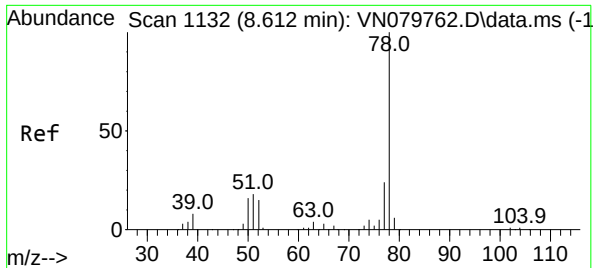
Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 8.8 11.3 16.9#





#40

Benzene

Concen: 1.063 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

Instrument :

MSVOA_N

ClientSampleId :

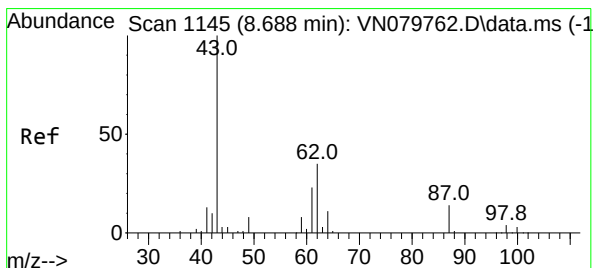
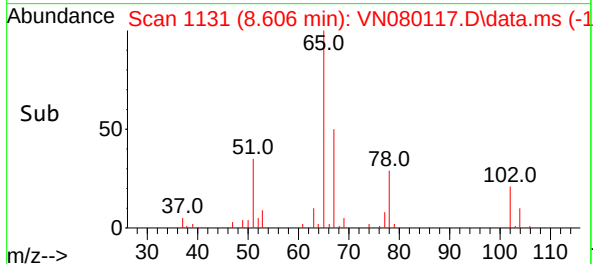
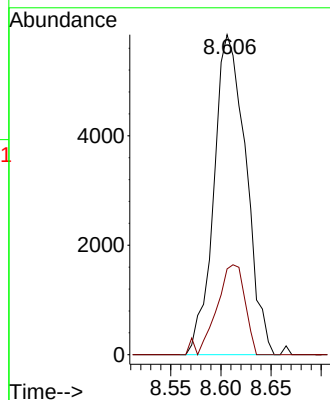
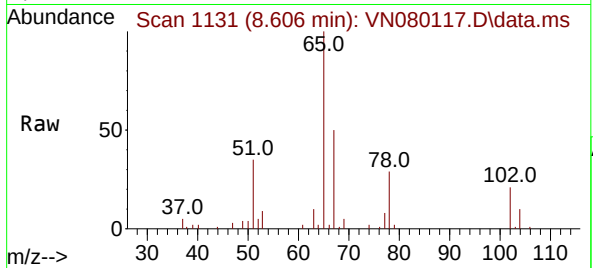
1118

Tgt Ion: 78 Resp: 12988

Ion Ratio Lower Upper

78 100

77 26.8 19.0 28.6



#43

Isopropyl Acetate

Concen: 35.216 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

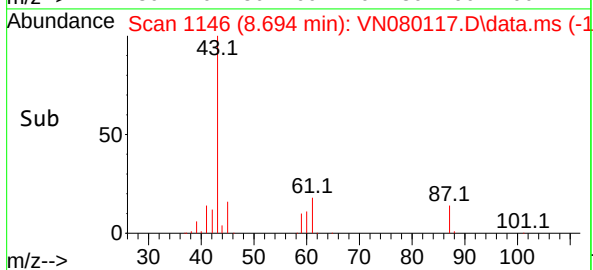
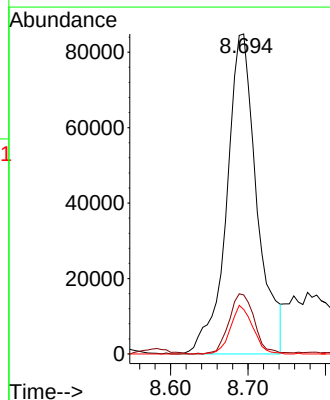
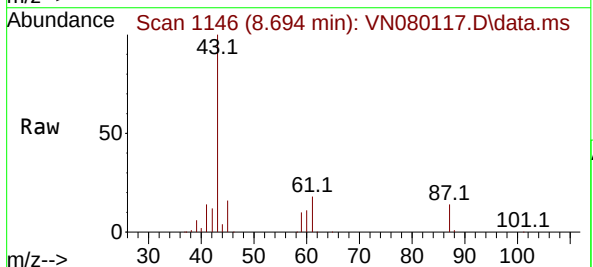
Tgt Ion: 43 Resp: 230956

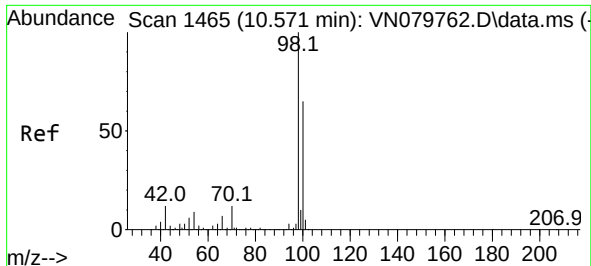
Ion Ratio Lower Upper

43 100

61 15.9 24.7 37.1#

87 11.2 14.6 21.8#

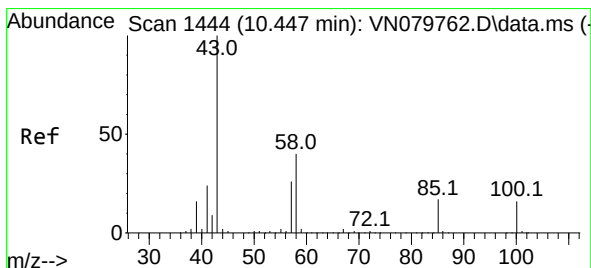
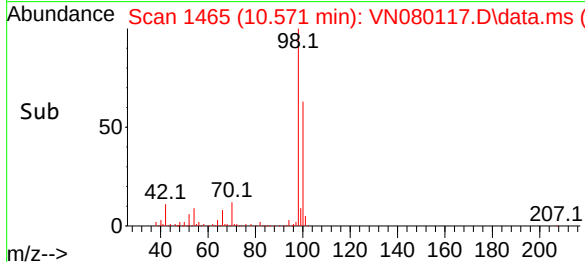
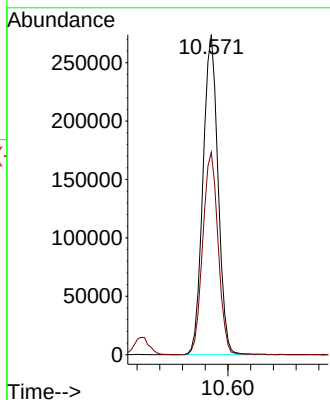
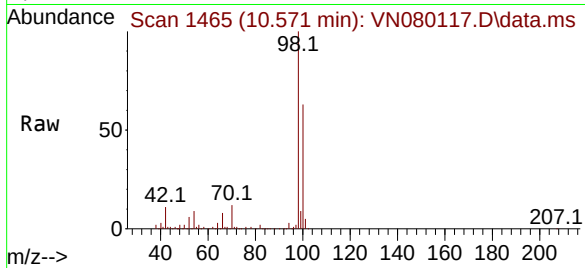




#50
Toluene-d8
Concen: 47.756 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

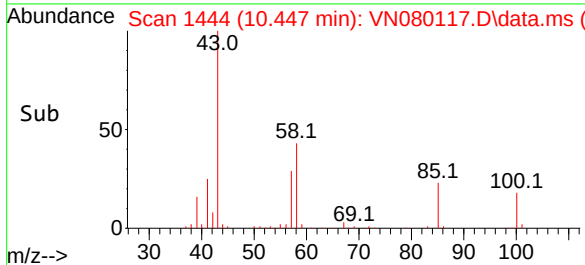
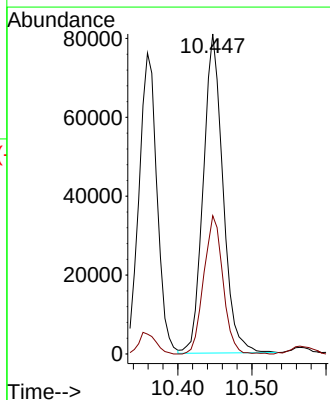
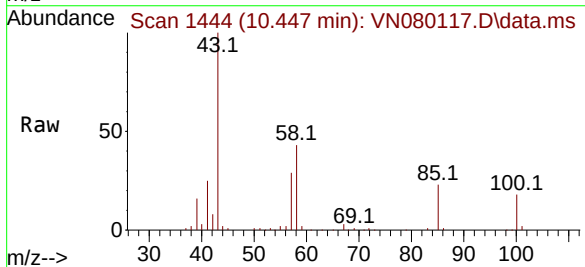
Instrument :
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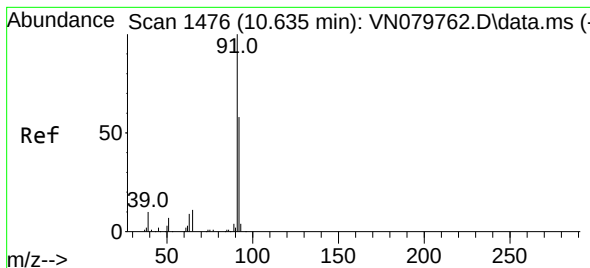
Tgt Ion: 98 Resp: 502078
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 40.416 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion: 43 Resp: 149228
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8





#52

Toluene

Concen: 1.987 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

Instrument :

MSVOA_N

ClientSampleId :

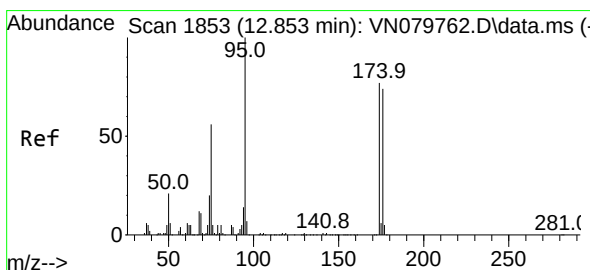
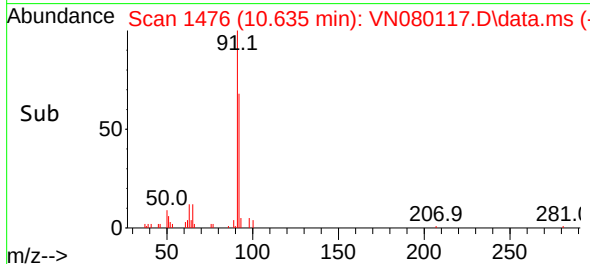
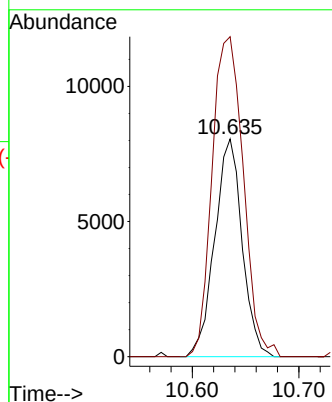
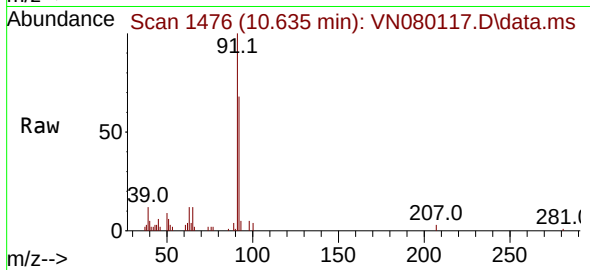
1118

Tgt Ion: 92 Resp: 14386

Ion Ratio Lower Upper

92 100

91 167.2 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 56.920 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN080117.D

Acq: 15 Nov 2023 17:52

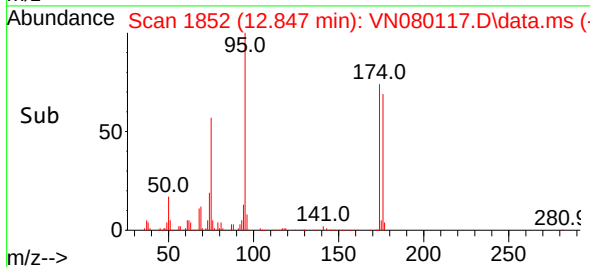
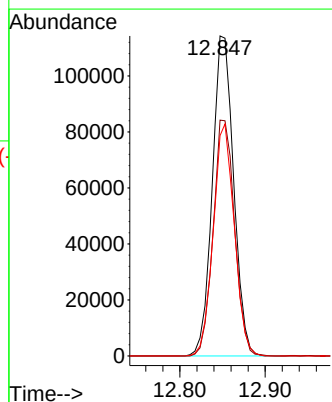
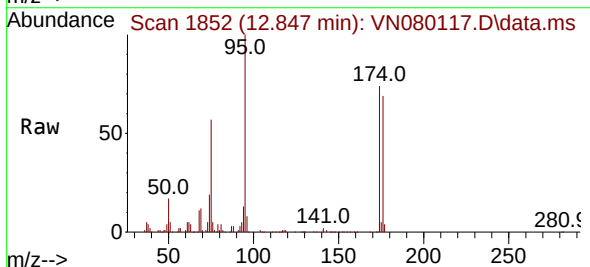
Tgt Ion: 95 Resp: 198465

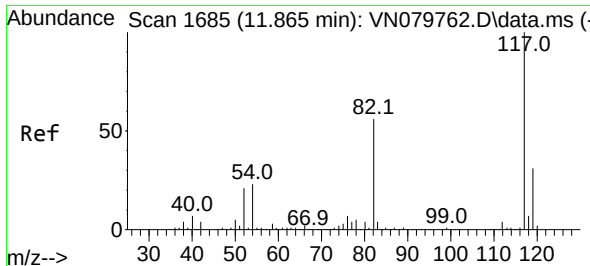
Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.8

176 71.5 0.0 135.8

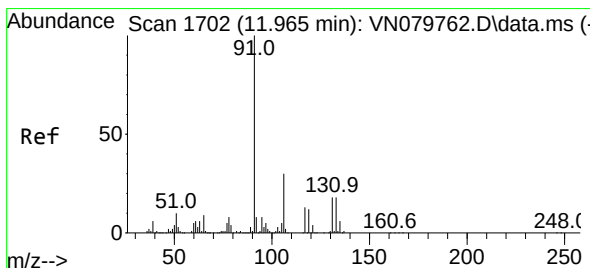
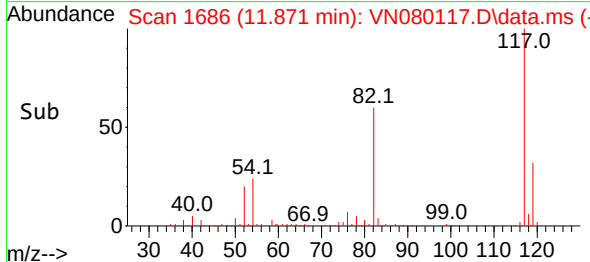
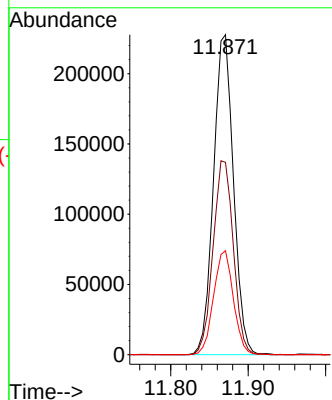
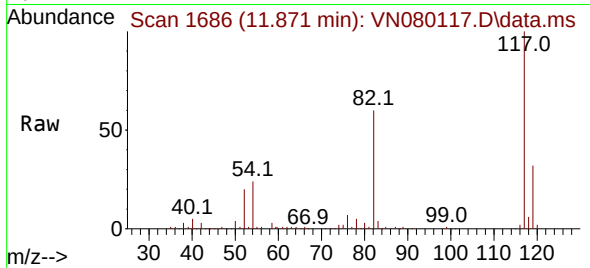




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

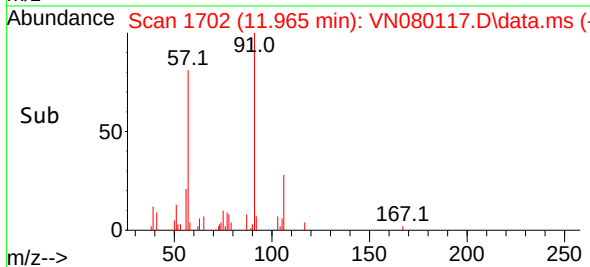
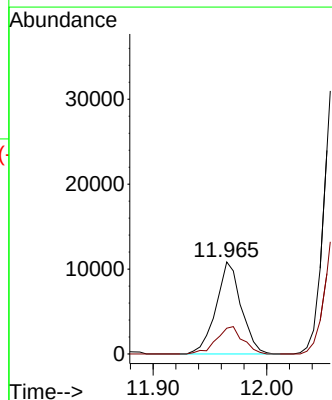
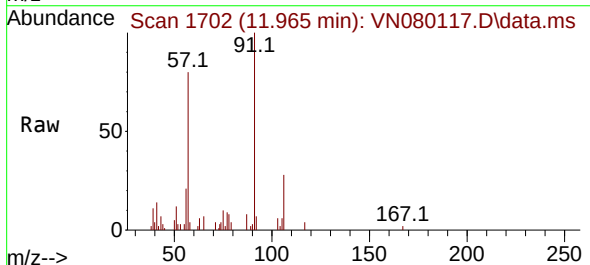
Instrument :
MSVOA_N
ClientSampleId :
1118

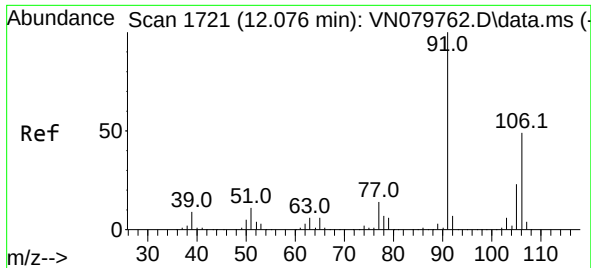
Tgt Ion:117 Resp: 407836
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 1.081 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion: 91 Resp: 16660
Ion Ratio Lower Upper
91 100
106 28.0 25.6 38.4

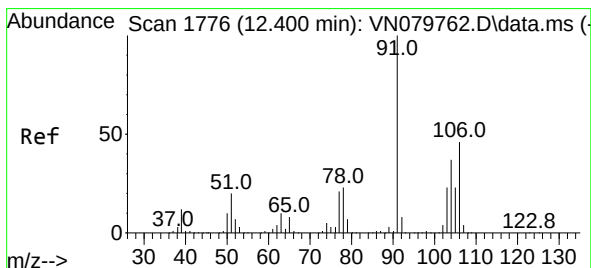
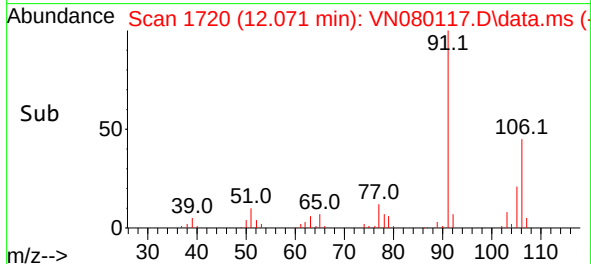
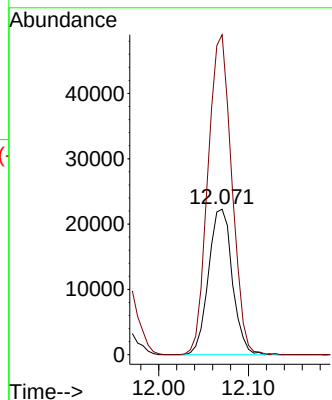
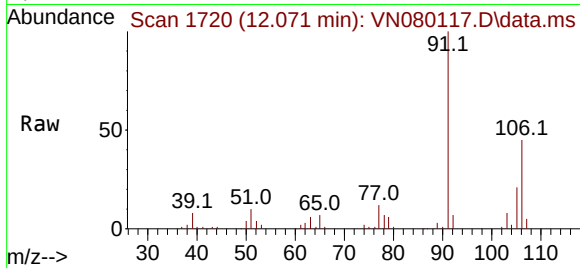




#68
m/p-Xylenes
Concen: 7.143 ug/l
RT: 12.071 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

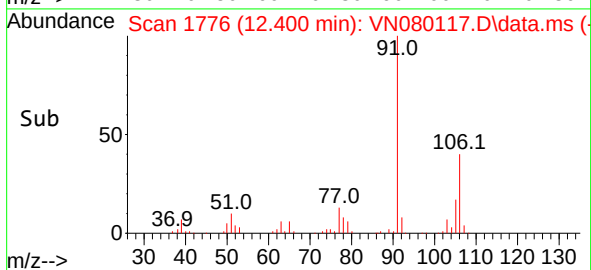
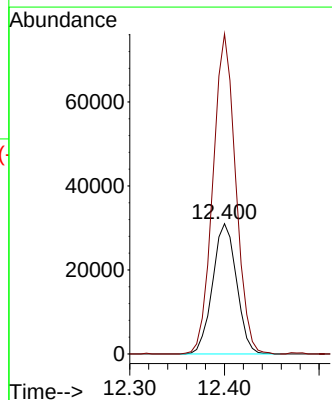
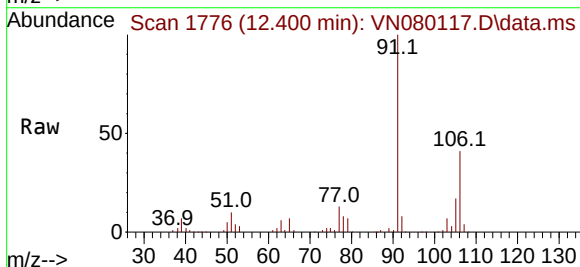
Instrument :
MSVOA_N
ClientSampleId :
1118

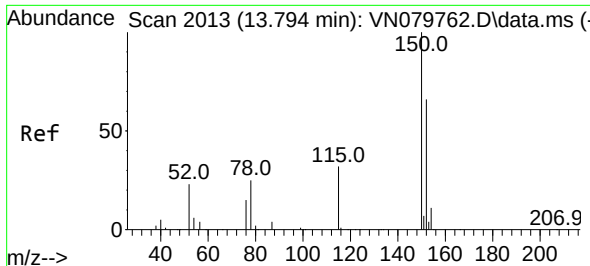
Tgt Ion:106 Resp: 41011
Ion Ratio Lower Upper
106 100
91 220.1 159.6 239.4



#69
o-Xylene
Concen: 9.857 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion:106 Resp: 54500
Ion Ratio Lower Upper
106 100
91 233.9 105.2 315.5

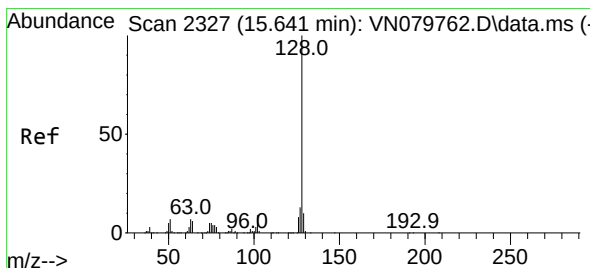
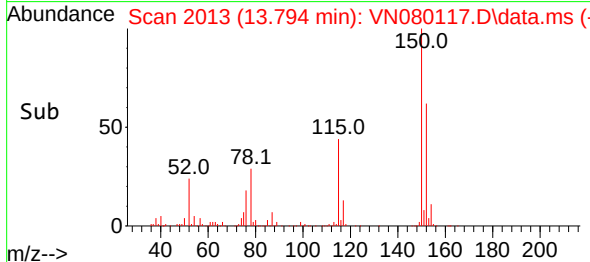
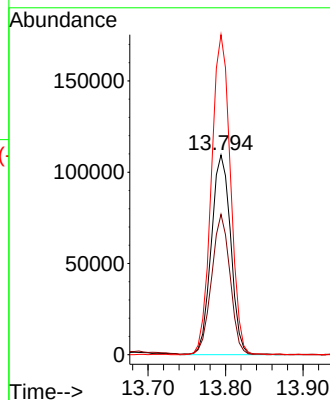
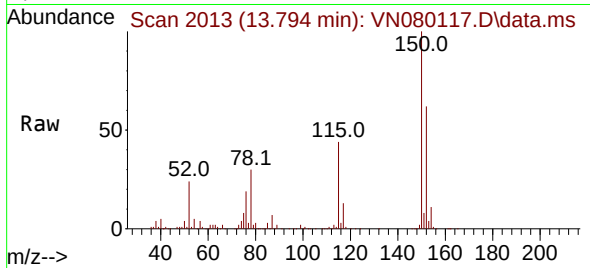




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Instrument :
MSVOA_N
ClientSampleId :
1118

Tgt Ion:152 Resp: 190252
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 157.0 0.0 355.8



#95
Naphthalene
Concen: 12.955 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080117.D
Acq: 15 Nov 2023 17:52

Tgt Ion:128 Resp: 129685
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.3 8.7 13.1

