

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071127.D
 Acq On : 01 Mar 2022 18:36
 Operator : JC\MD
 Sample : N1689-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

Quant Time: Mar 02 03:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

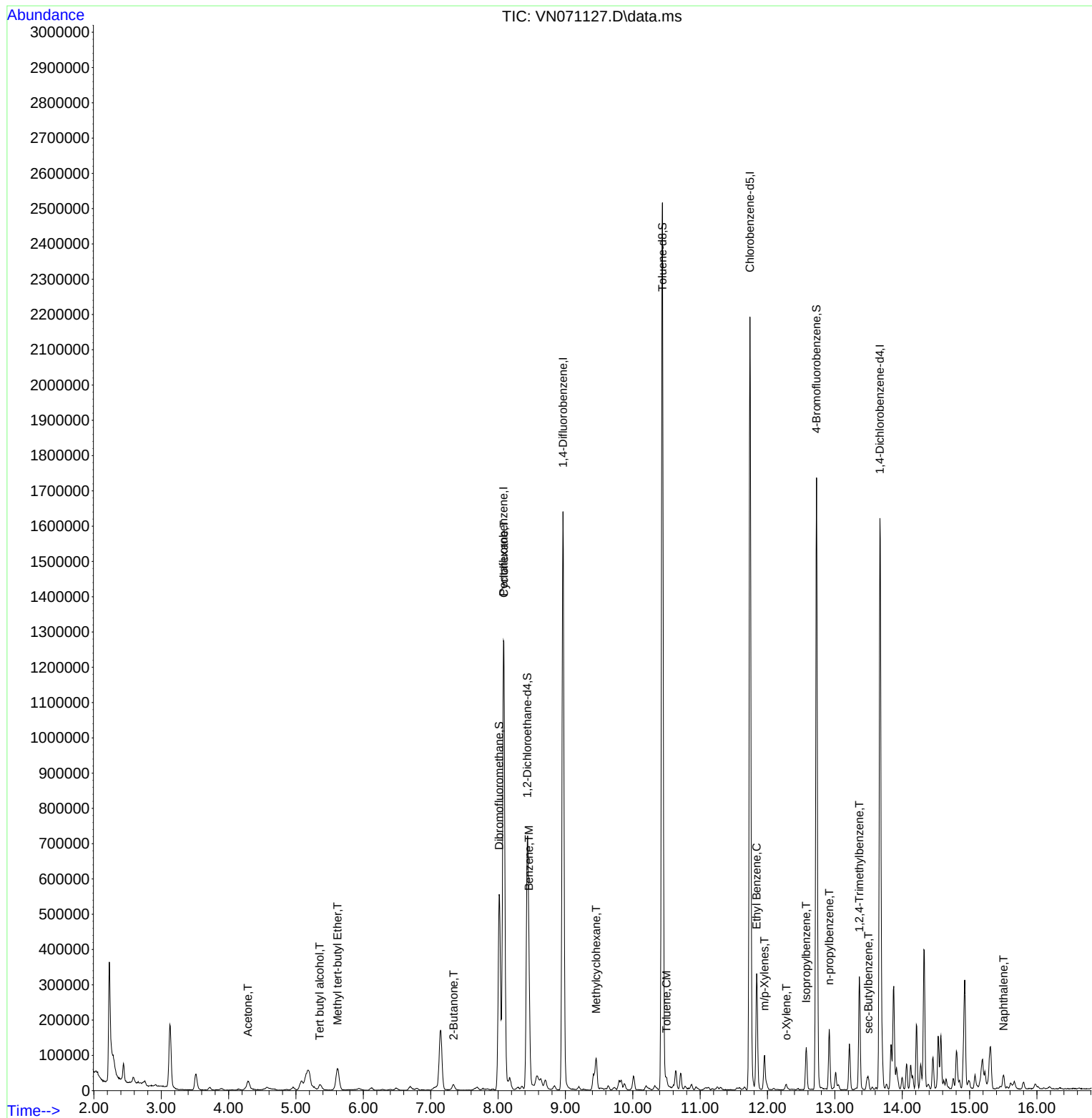
Internal Standards						
1) Pentafluorobenzene	8.081	168	896400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1429696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1282178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	542371	52.967	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.940%			
35) Dibromofluoromethane	8.016	113	418585	49.223	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.440%			
50) Toluene-d8	10.439	98	1744146	51.072	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.727	95	609986	49.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.351	59	28777	15.421	ug/l	99
16) Acetone	4.287	43	46080	8.171	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	41199	1.338	ug/l #	1
25) 2-Butanone	7.339	43	27226	3.629	ug/l	98
31) Cyclohexane	8.086	56	111763	6.311	ug/l #	88
39) Methylcyclohexane	9.457	83	37243	2.077	ug/l #	89
40) Benzene	8.457	78	243011	5.897	ug/l	96
52) Toluene	10.498	92	6246	0.241	ug/l	95
67) Ethyl Benzene	11.839	91	238093	4.924	ug/l	97
68) m/p-Xylenes	11.957	106	28868	1.545	ug/l	93
69) o-Xylene	12.280	106	4368	0.239	ug/l	99
73) Isopropylbenzene	12.574	105	79065	2.157	ug/l	97
78) n-propylbenzene	12.916	91	135245	3.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	183182	6.267	ug/l	100
85) sec-Butylbenzene	13.498	105	21055	0.567	ug/l #	61
95) Naphthalene	15.504	128	40145	6.765	ug/l	97

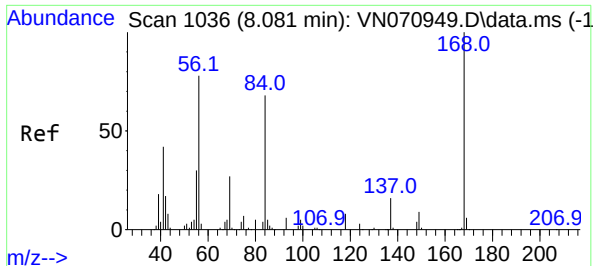
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
Data File : VN071127.D
Acq On : 01 Mar 2022 18:36
Operator : JC\MD
Sample : N1689-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Quant Time: Mar 02 03:32:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

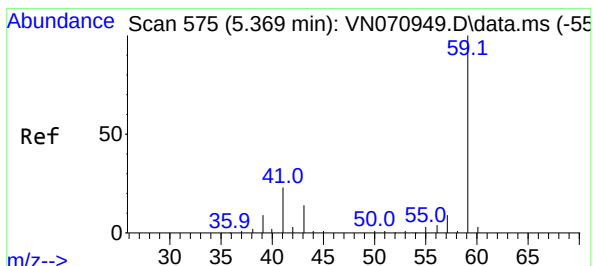
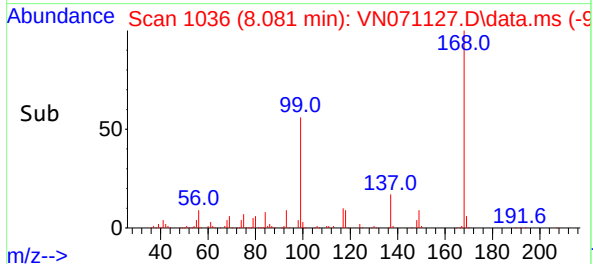
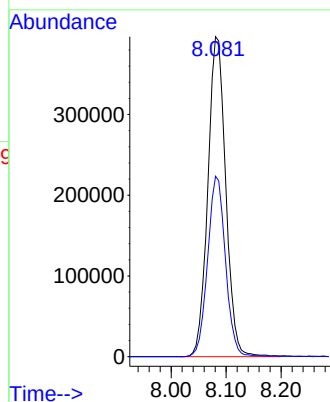
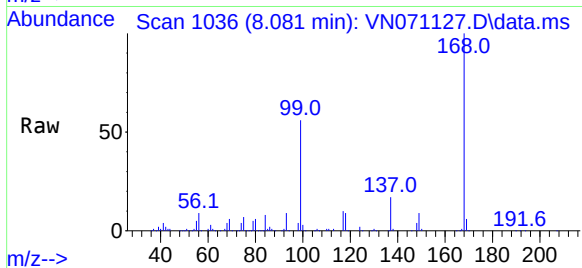




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

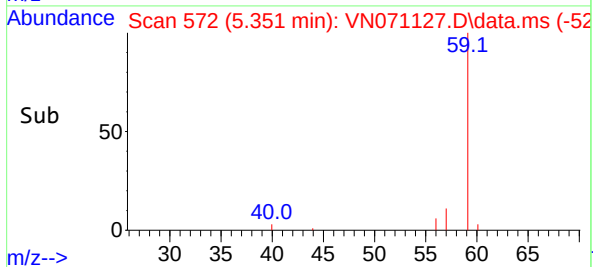
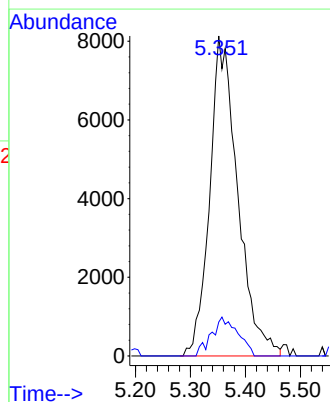
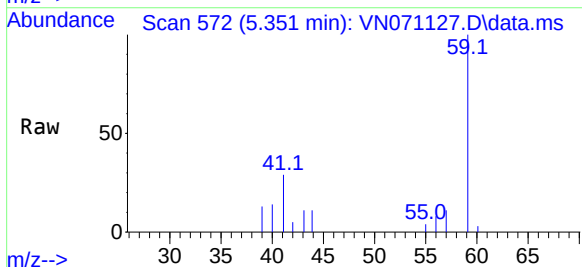
Instrument :
MSVOA_N
ClientSampleId :
MW-43

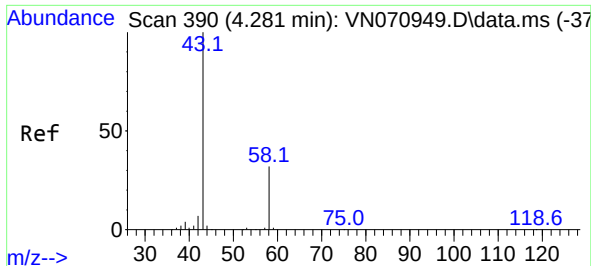
Tgt Ion:168 Resp: 896400
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 15.421 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.018 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 59 Resp: 28777
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1

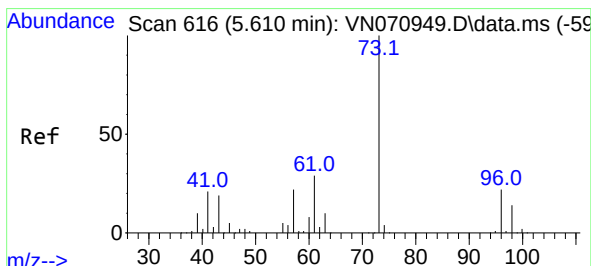
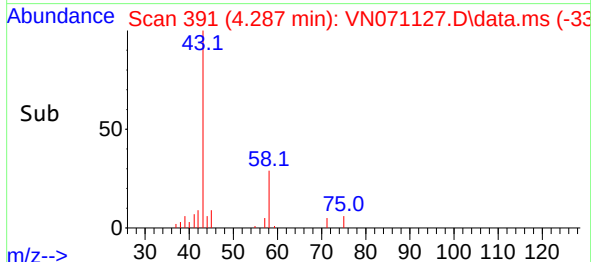
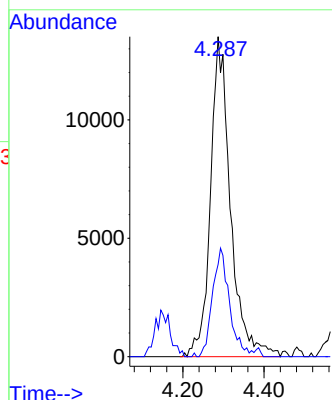
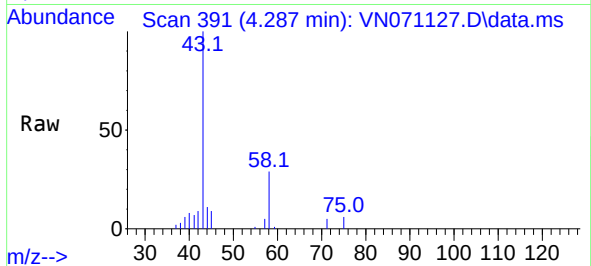




#16
Acetone
Concen: 8.171 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

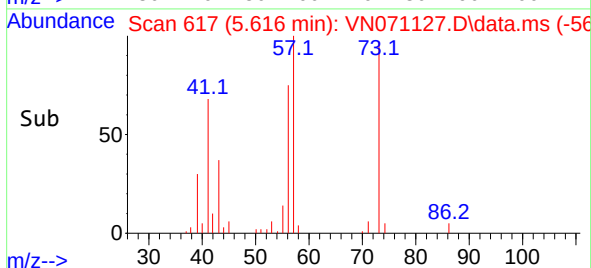
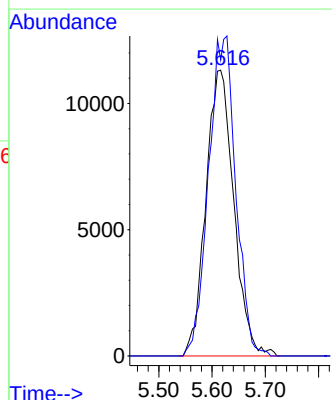
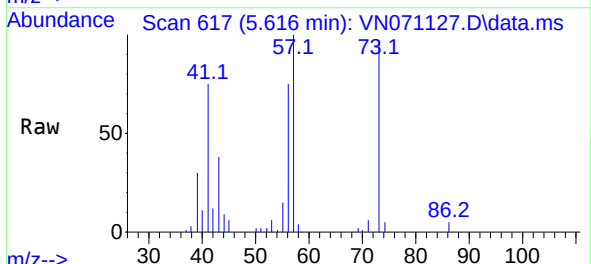
Instrument :
MSVOA_N
ClientSampleId :
MW-43

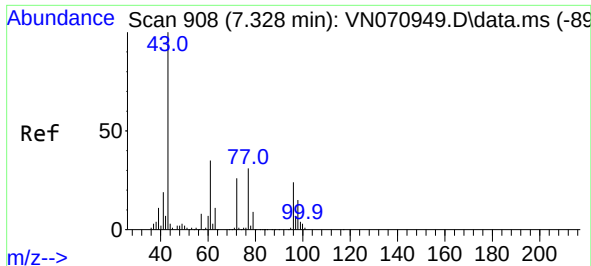
Tgt Ion: 43 Resp: 46080
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 1.338 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 73 Resp: 41199
Ion Ratio Lower Upper
73 100
57 103.6 16.8 25.2#

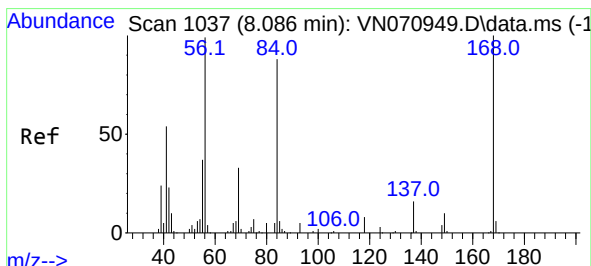
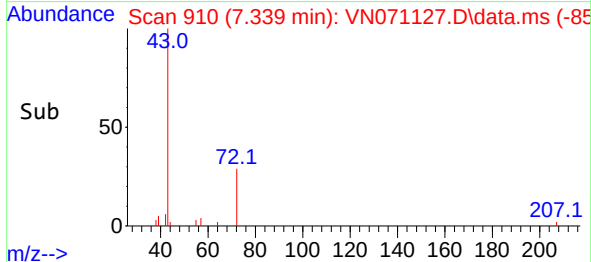
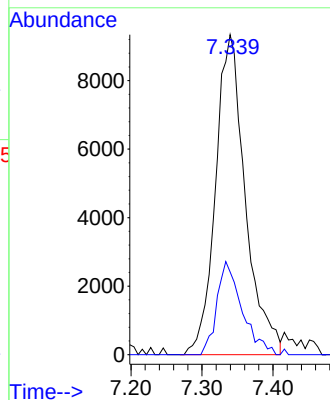
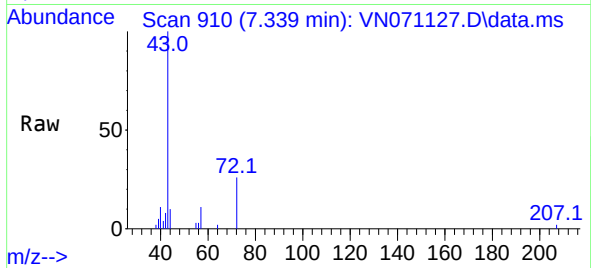




#25
2-Butanone
Concen: 3.629 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

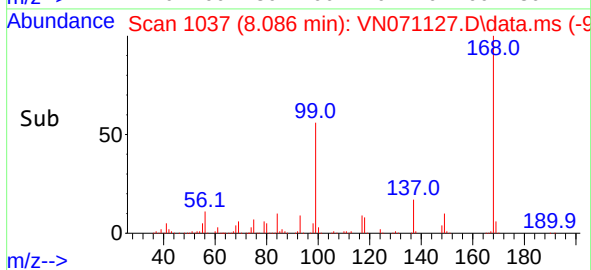
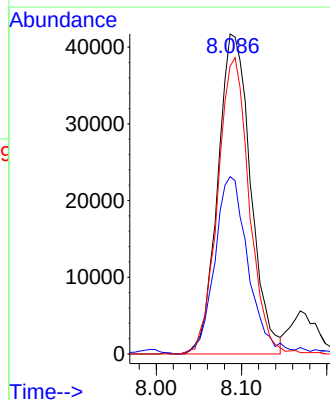
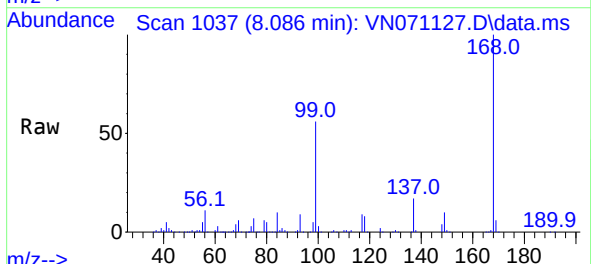
Instrument :
MSVOA_N
ClientSampleId :
MW-43

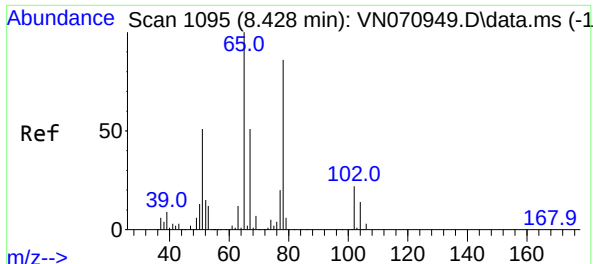
Tgt Ion: 43 Resp: 27226
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5



#31
Cyclohexane
Concen: 6.311 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 56 Resp: 111763
Ion Ratio Lower Upper
56 100
69 55.4 27.1 40.7#
84 89.9 73.4 110.0

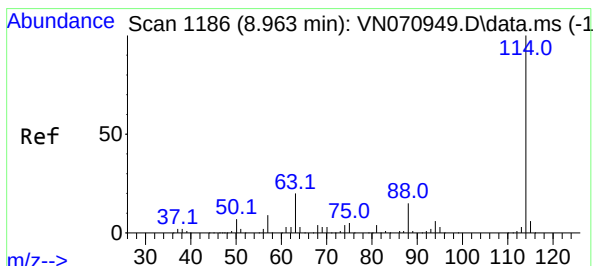
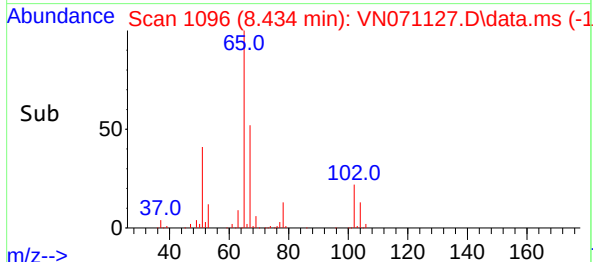
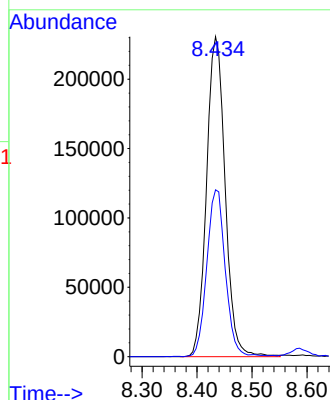
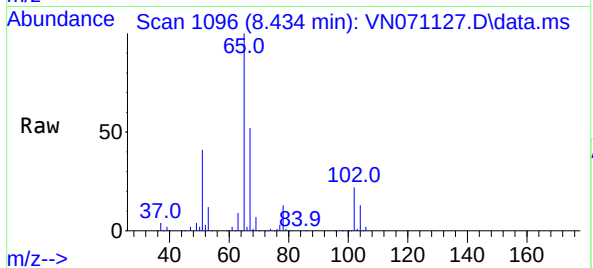




#33
1,2-Dichloroethane-d4
Concen: 52.967 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

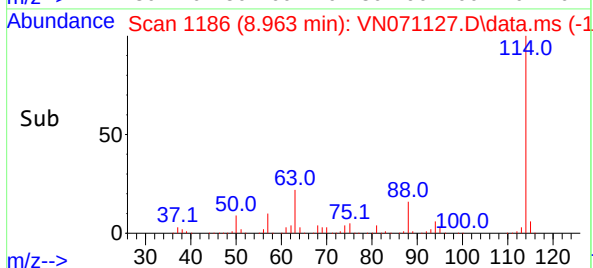
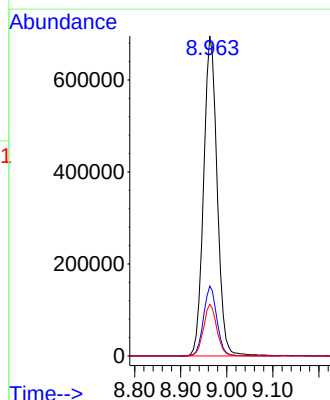
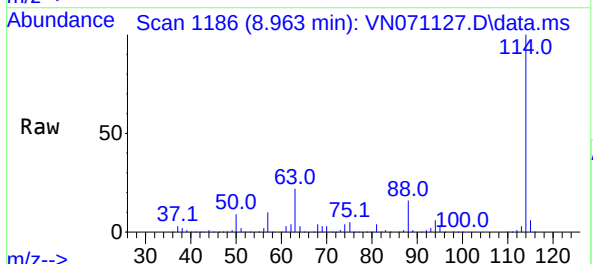
Instrument :
MSVOA_N
ClientSampleId :
MW-43

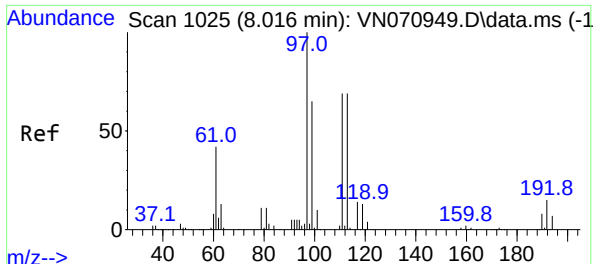
Tgt Ion: 65 Resp: 542371
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 114 Resp: 1429696
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.2 0.0 27.4

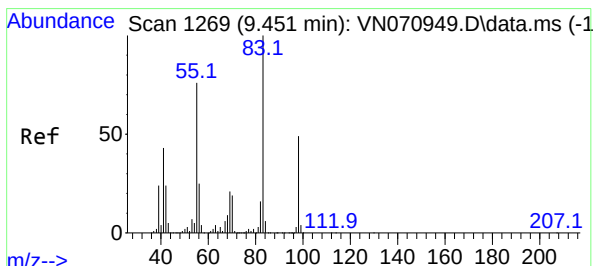
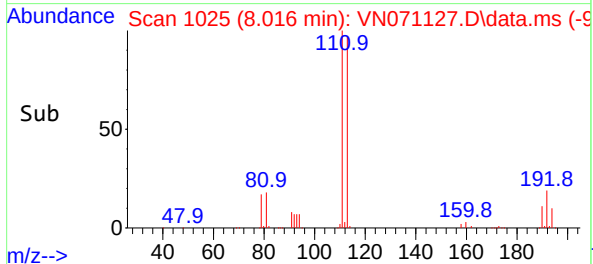
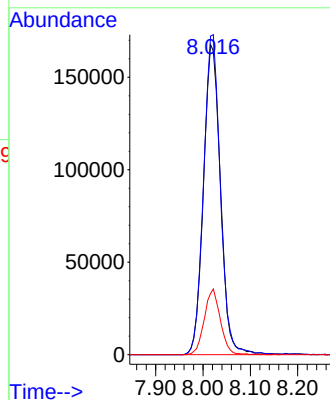
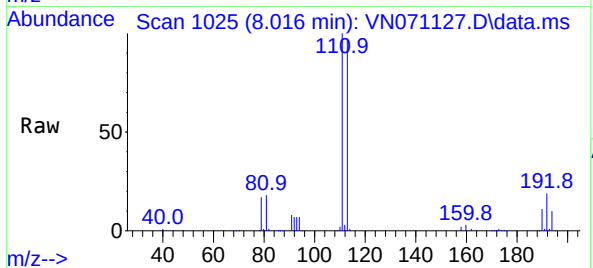




#35
Dibromofluoromethane
Concen: 49.223 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

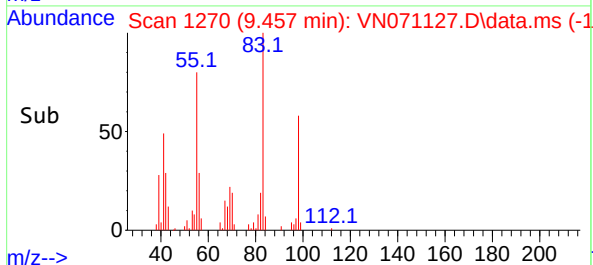
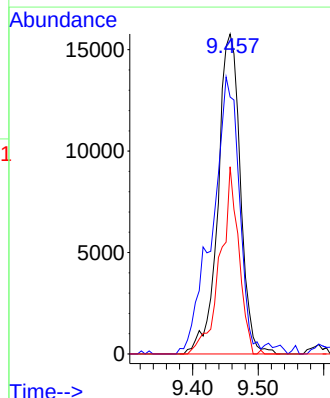
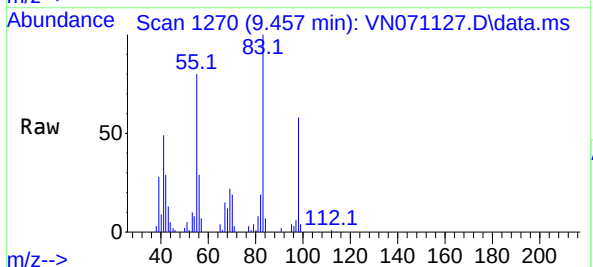
Instrument :
MSVOA_N
ClientSampleId :
MW-43

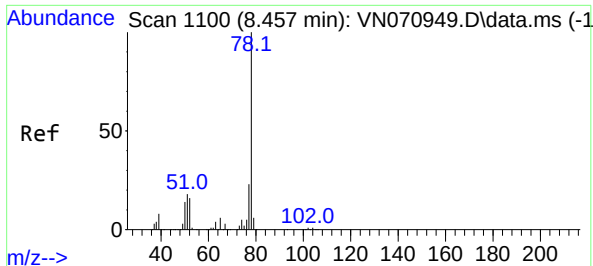
Tgt Ion:113 Resp: 418585
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.9 16.9 25.3



#39
Methylcyclohexane
Concen: 2.077 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 83 Resp: 37243
Ion Ratio Lower Upper
83 100
55 78.6 58.1 87.1
98 58.5 38.4 57.6#

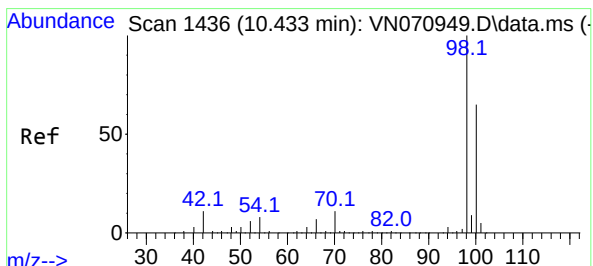
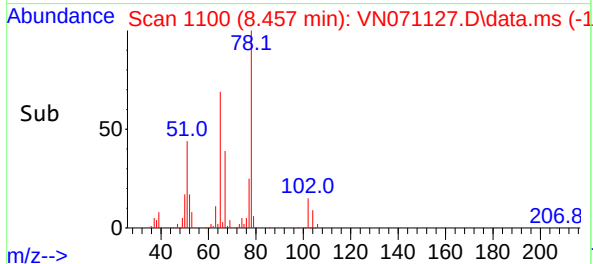
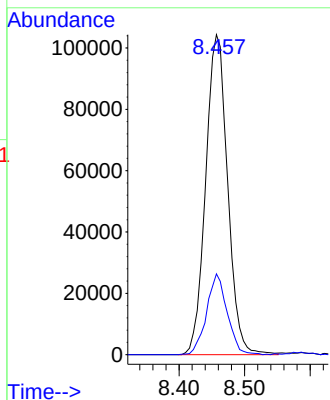
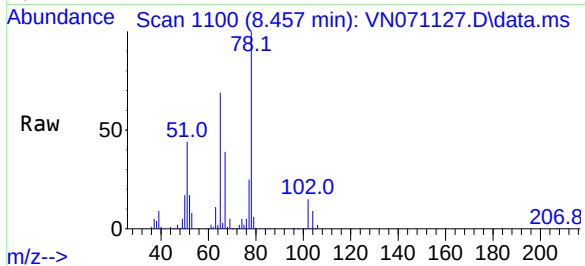




#40
Benzene
Concen: 5.897 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

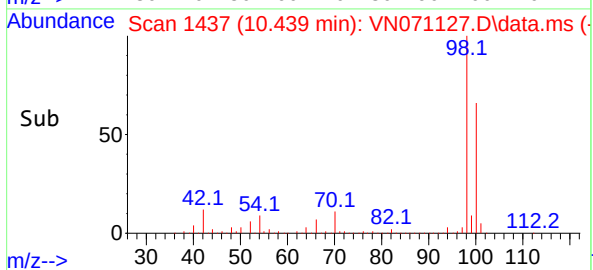
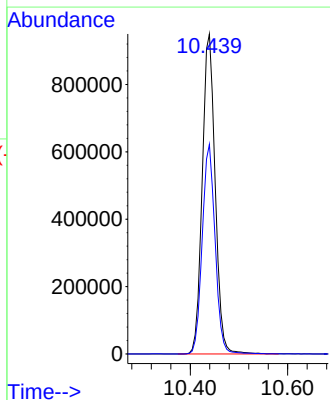
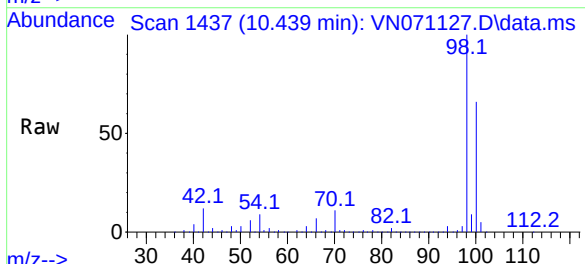
Instrument :
MSVOA_N
ClientSampleId :
MW-43

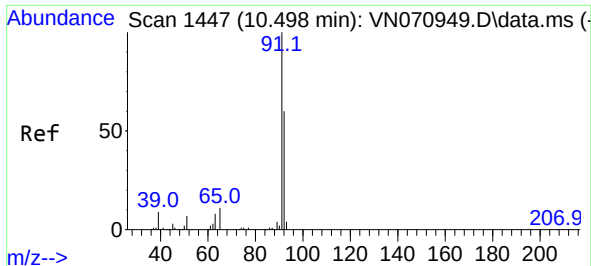
Tgt Ion: 78 Resp: 243011
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8



#50
Toluene-d8
Concen: 51.072 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 98 Resp: 1744146
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

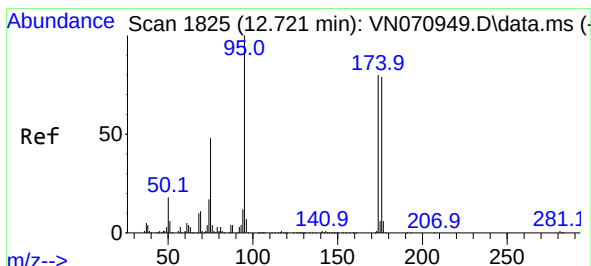
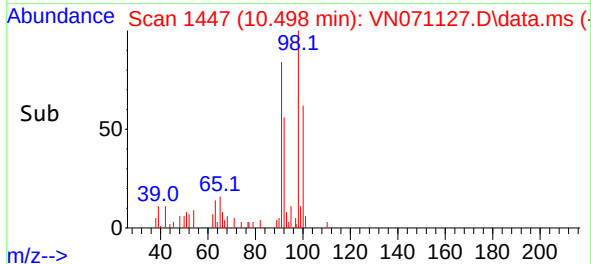
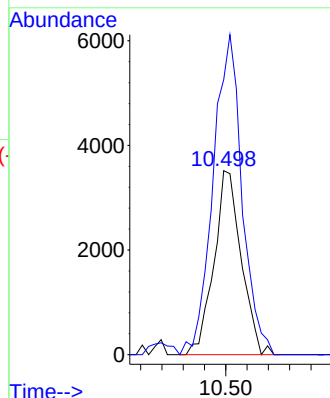
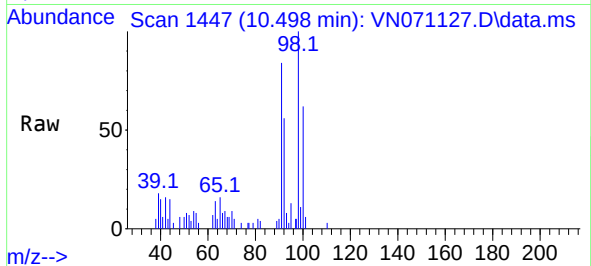




#52
Toluene
Concen: 0.241 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

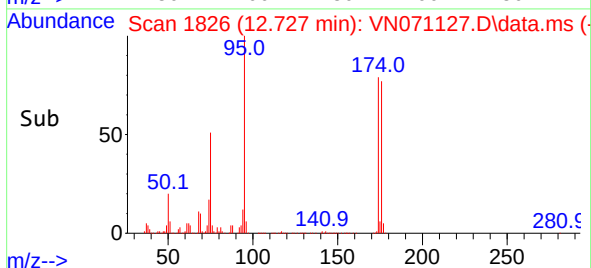
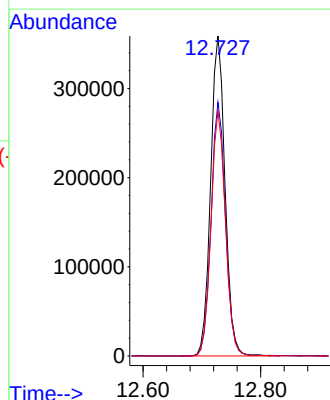
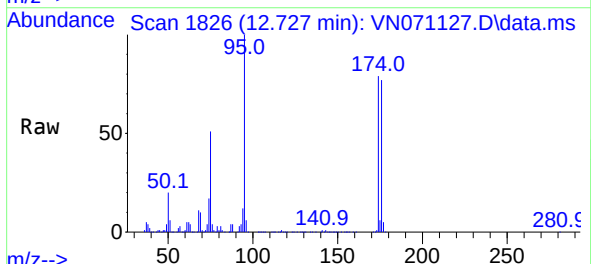
Instrument :
MSVOA_N
ClientSampleId :
MW-43

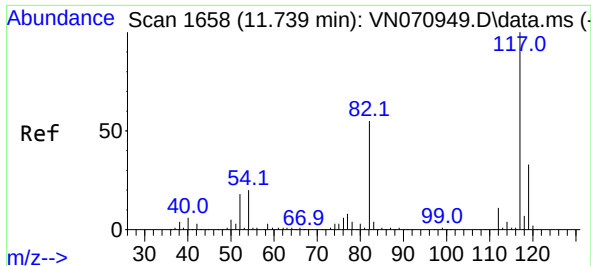
Tgt Ion: 92 Resp: 6246
Ion Ratio Lower Upper
92 100
91 184.8 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 49.970 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 95 Resp: 609986
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.5 0.0 181.4

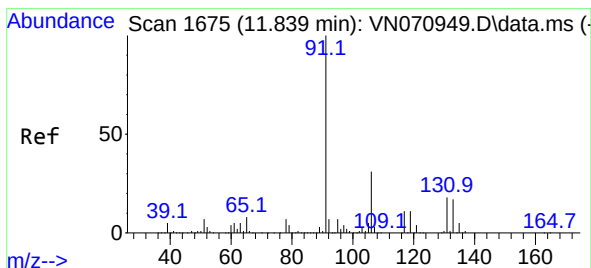
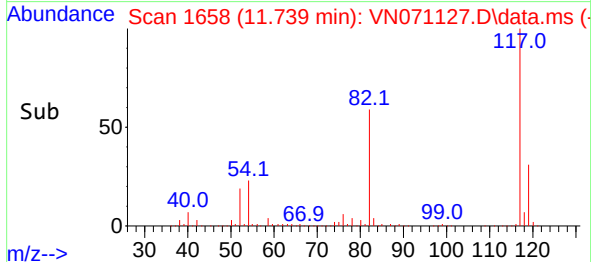
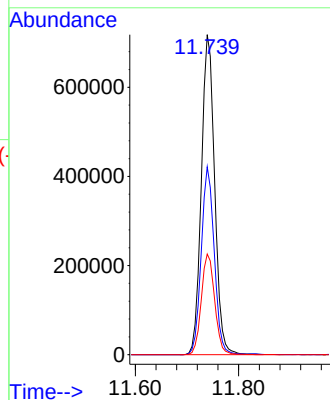
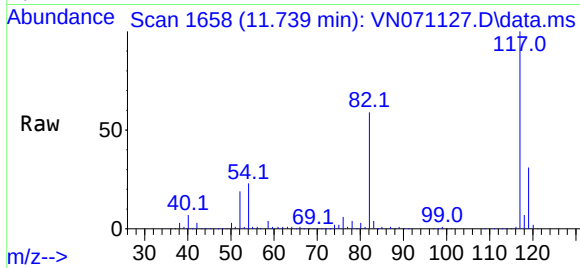




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

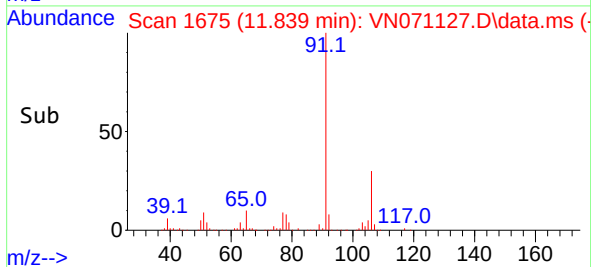
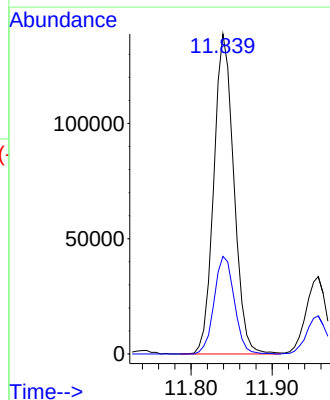
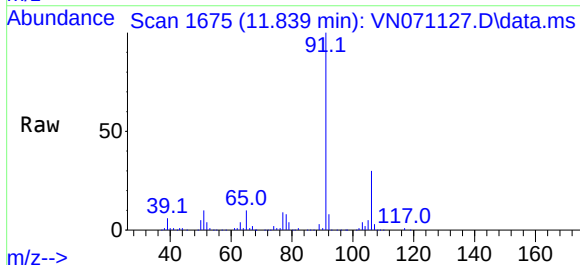
Instrument :
MSVOA_N
ClientSampleId :
MW-43

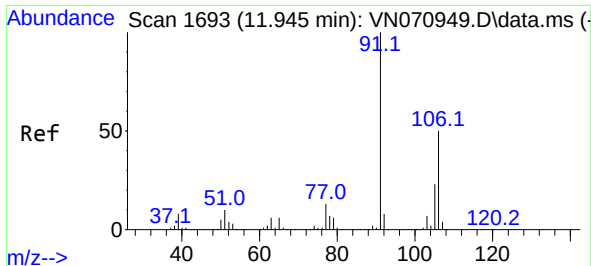
Tgt Ion:117 Resp: 1282178
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 4.924 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 91 Resp: 238093
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

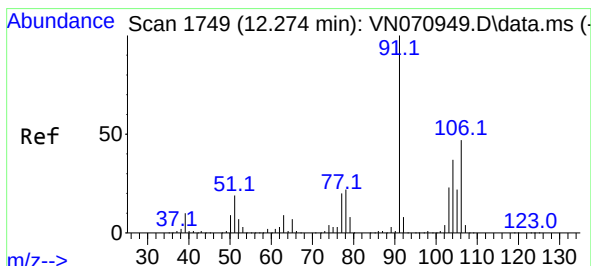
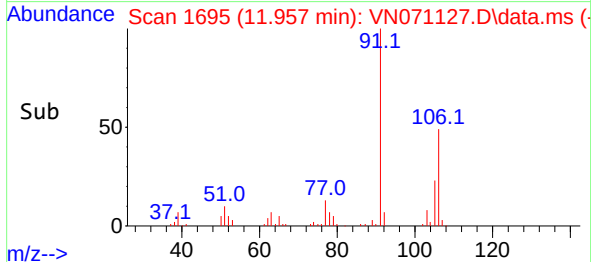
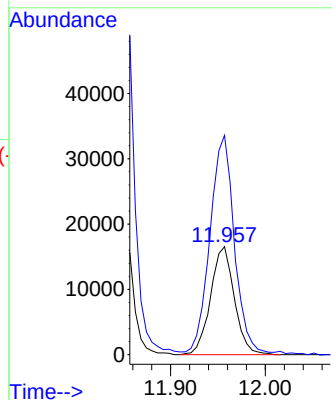
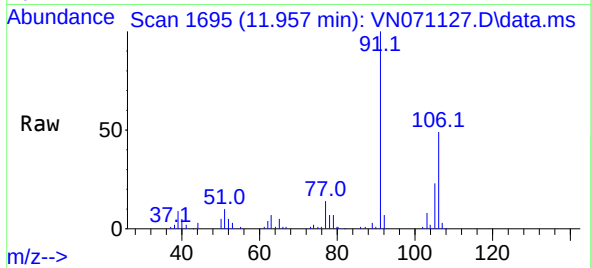




#68
m/p-Xylenes
Concen: 1.545 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

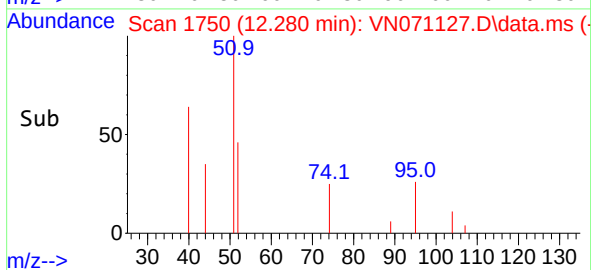
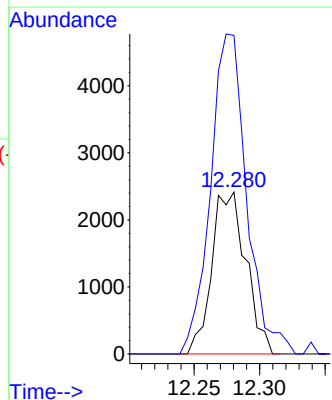
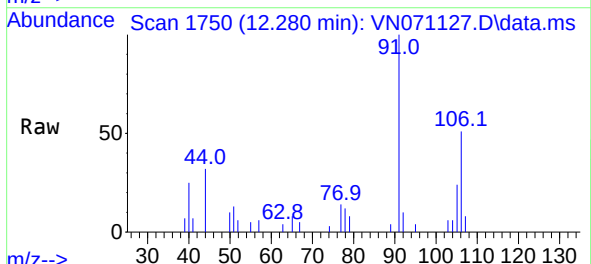
Instrument :
MSVOA_N
ClientSampleId :
MW-43

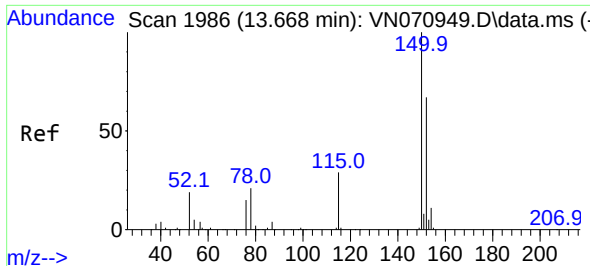
Tgt Ion:106 Resp: 28868
Ion Ratio Lower Upper
106 100
91 211.2 160.6 240.8



#69
o-Xylene
Concen: 0.239 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion:106 Resp: 4368
Ion Ratio Lower Upper
106 100
91 209.3 105.8 317.3

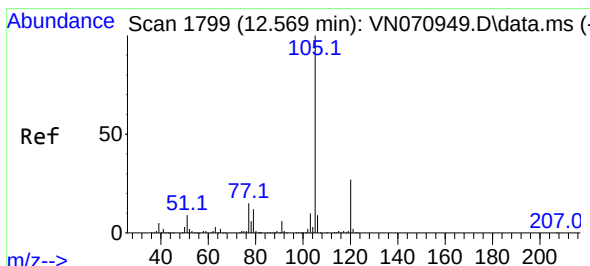
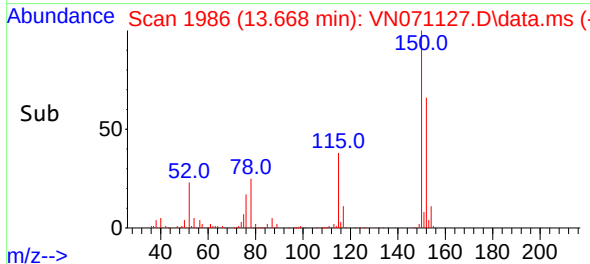
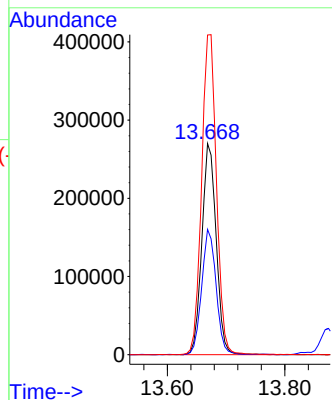
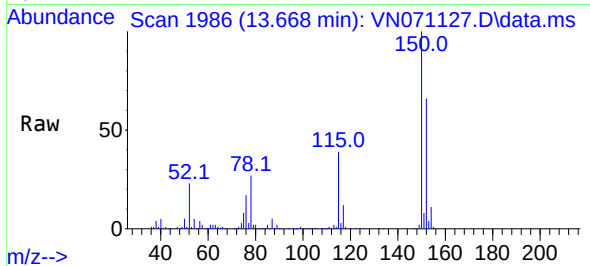




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

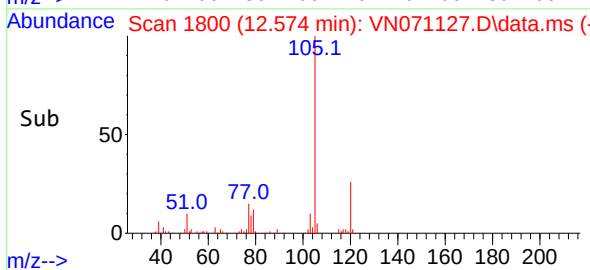
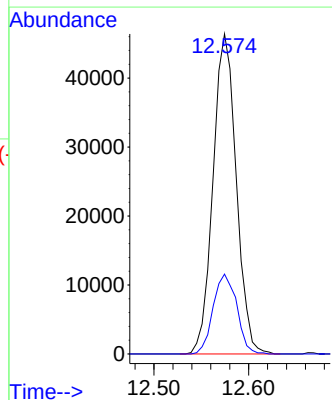
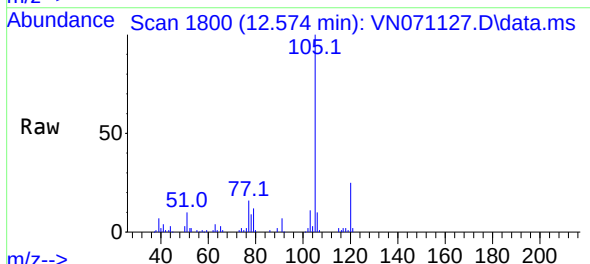
Instrument :
MSVOA_N
ClientSampleId :
MW-43

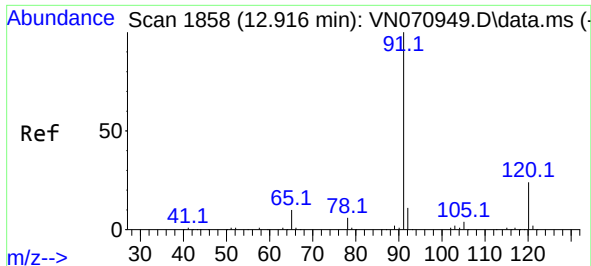
Tgt Ion:152 Resp: 455353
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.5 0.0 344.4



#73
Isopropylbenzene
Concen: 2.157 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion:105 Resp: 79065
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

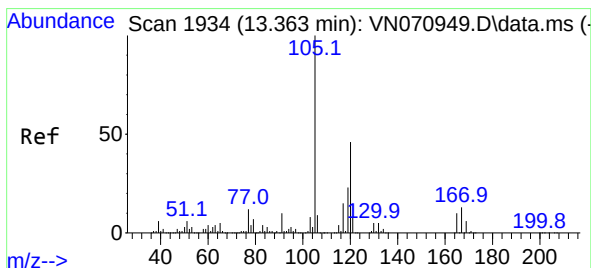
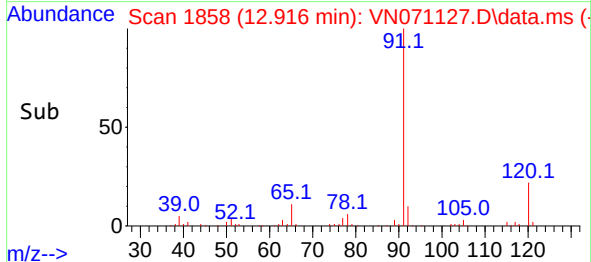
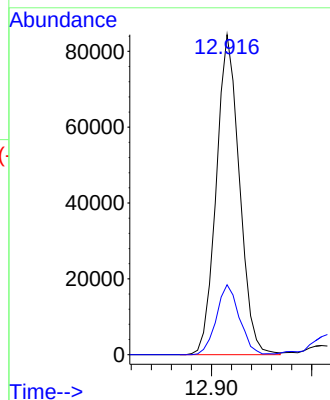
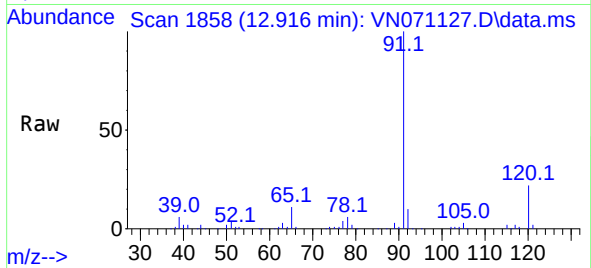




#78
n-propylbenzene
Concen: 3.284 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

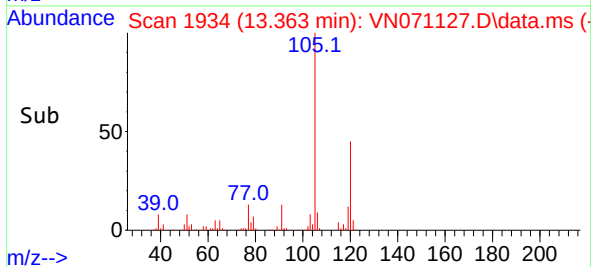
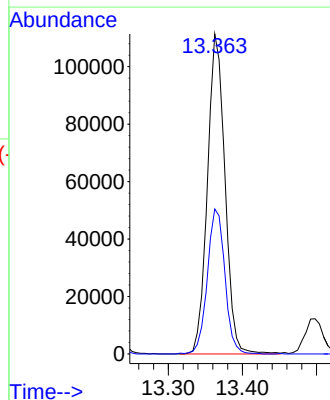
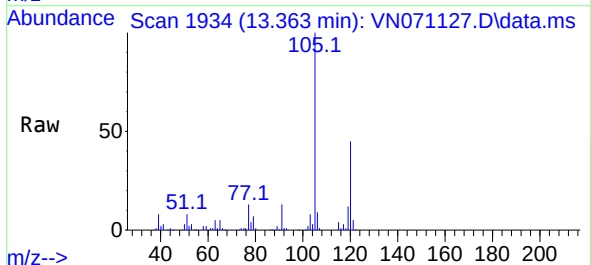
Instrument :
MSVOA_N
ClientSampleId :
MW-43

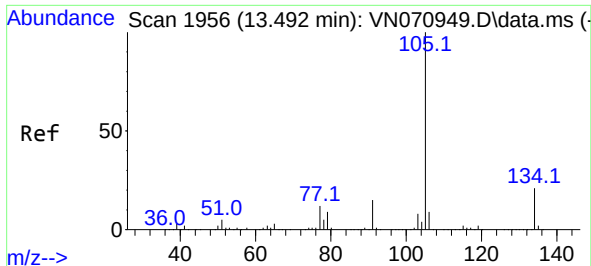
Tgt Ion: 91 Resp: 135245
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 6.267 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion: 105 Resp: 183182
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4

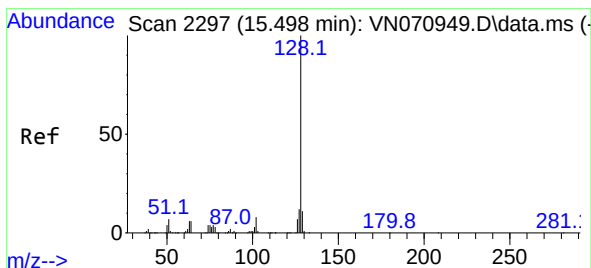
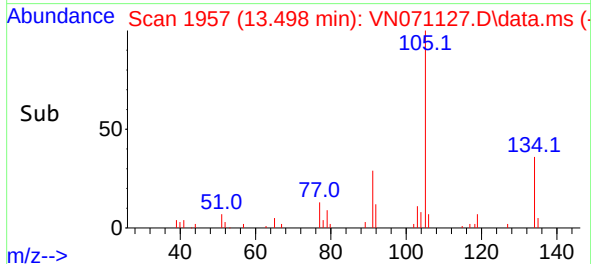
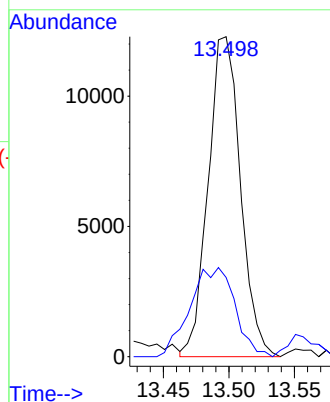
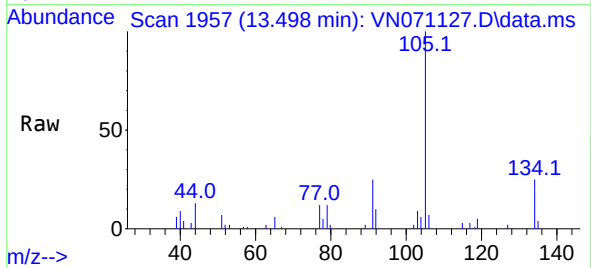




#85
sec-Butylbenzene
Concen: 0.567 ug/l
RT: 13.498 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:105 Resp: 21055
Ion Ratio Lower Upper
105 100
134 38.8 10.4 31.1#



#95
Naphthalene
Concen: 6.765 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071127.D
Acq: 01 Mar 2022 18:36

Tgt Ion:128 Resp: 40145
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 13.0 8.7 13.1

