

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069086.D
 Acq On : 21 Oct 2021 14:22
 Operator : JC/MD
 Sample : M4253-11DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 137-138DL

Quant Time: Oct 22 01:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

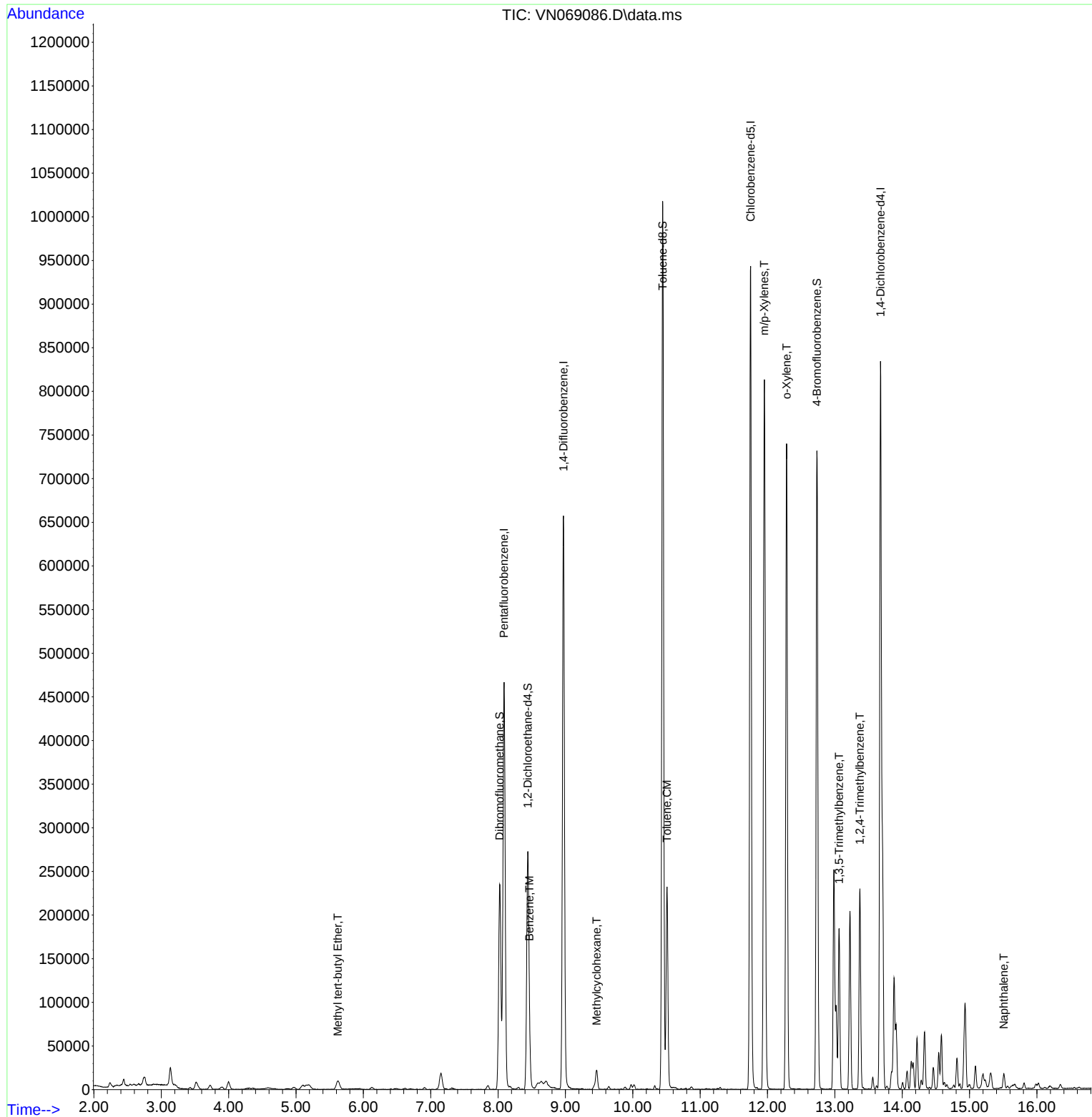
Internal Standards						
1) Pentafluorobenzene	8.088	168	338861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	587761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	219524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220503	49.354	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.700%		
35) Dibromofluoromethane	8.024	113	172722	50.509	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.020%		
50) Toluene-d8	10.443	98	738241	53.955	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.900%		
62) 4-Bromofluorobenzene	12.733	95	269031	52.115	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.220%		
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.621	73	10859	0.891	ug/l #	37
39) Methylcyclohexane	9.464	83	9902	1.532	ug/l	98
40) Benzene	8.464	78	39814	2.604	ug/l	98
52) Toluene	10.507	92	101271	10.296	ug/l	98
68) m/p-Xylenes	11.953	106	271859	36.622	ug/l	100
69) o-Xylene	12.283	106	207937	27.985	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	104485	6.865	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	137301	9.363	ug/l	99
95) Naphthalene	15.507	128	16949	5.349	ug/l	99

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

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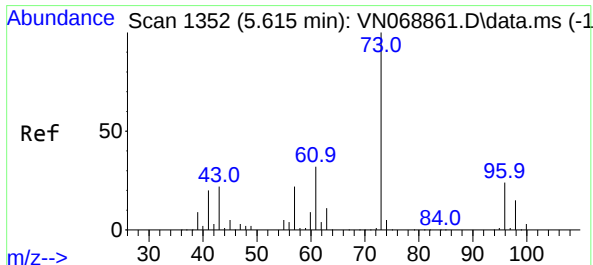
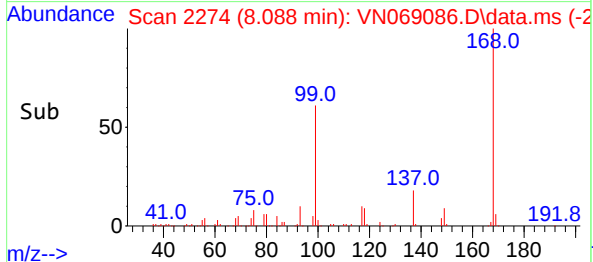
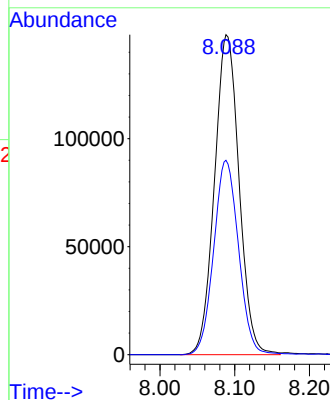
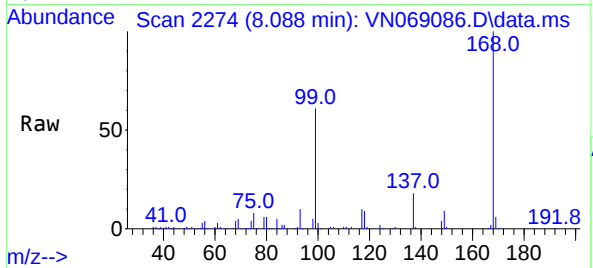




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

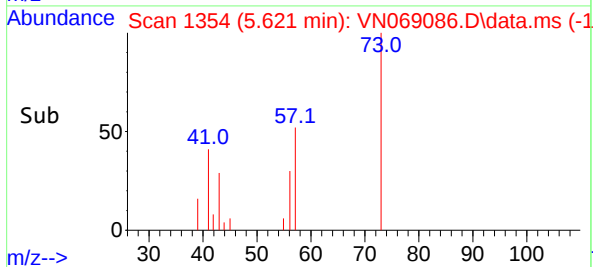
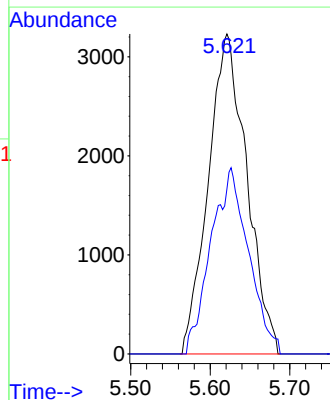
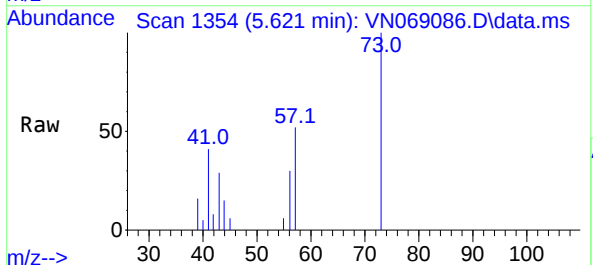
Instrument :
MSVOA_N
ClientSampled :
137-138DL

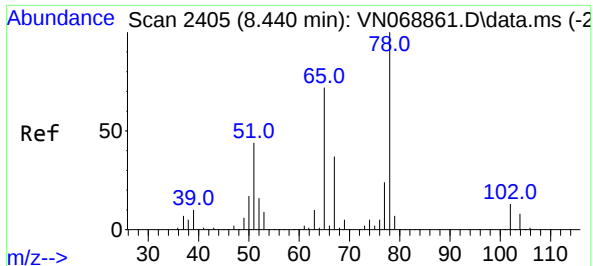
Tgt Ion:168 Resp: 338861
Ion Ratio Lower Upper
168 100
99 60.7 48.9 73.3



#19
Methyl tert-butyl Ether
Concen: 0.891 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.005 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion: 73 Resp: 10859
Ion Ratio Lower Upper
73 100
57 51.6 17.3 25.9#



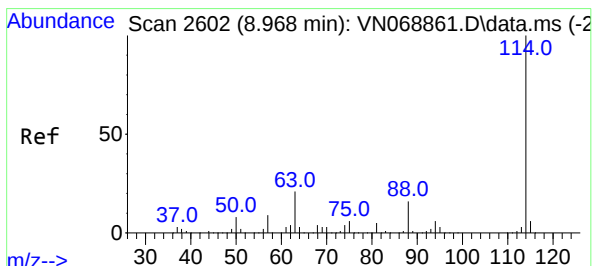
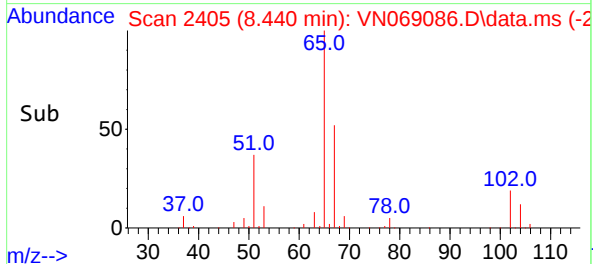
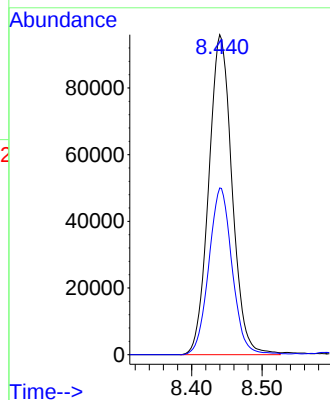
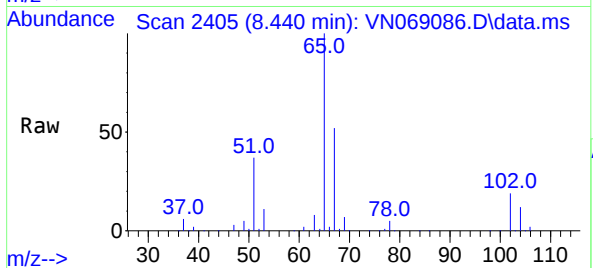


#33

1,2-Dichloroethane-d4
Concen: 49.354 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Instrument :
MSVOA_N
ClientSampled :
137-138DL

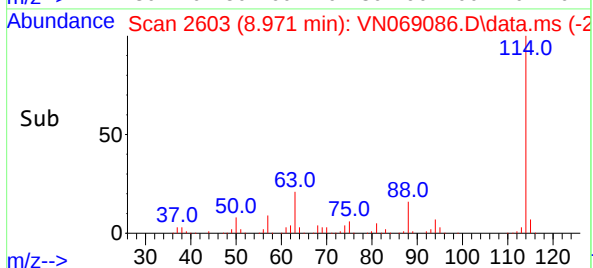
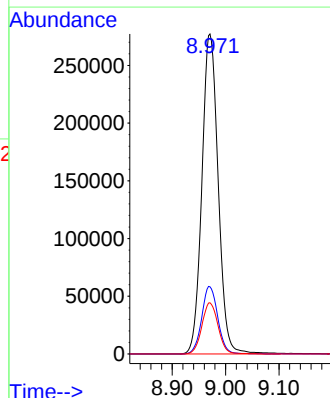
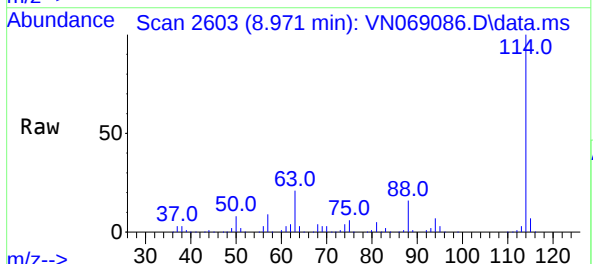
Tgt Ion: 65 Resp: 220503
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

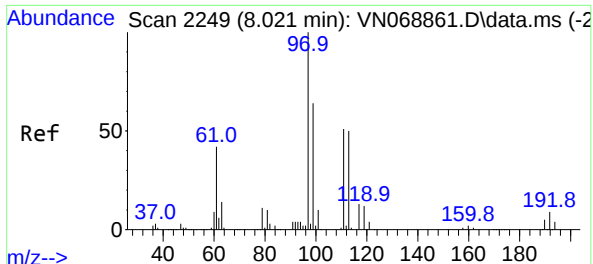


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion: 114 Resp: 587761
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 16.0 0.0 32.0

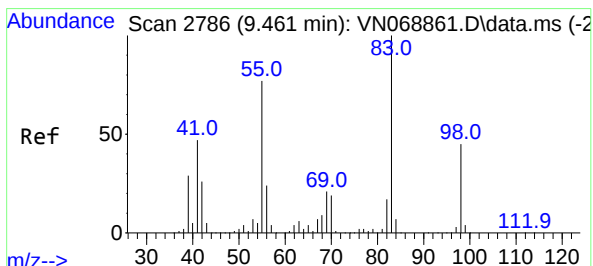
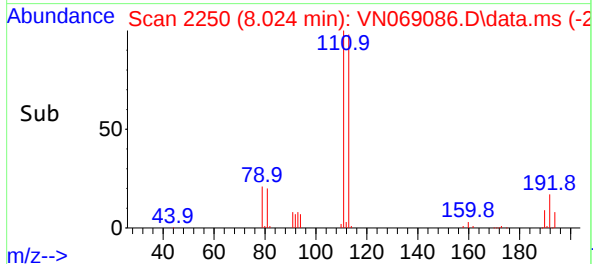
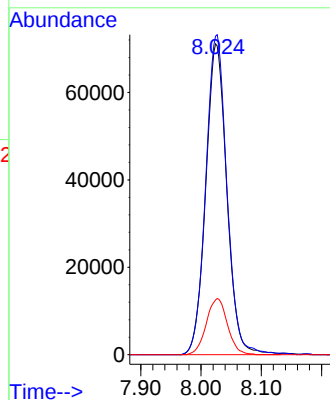
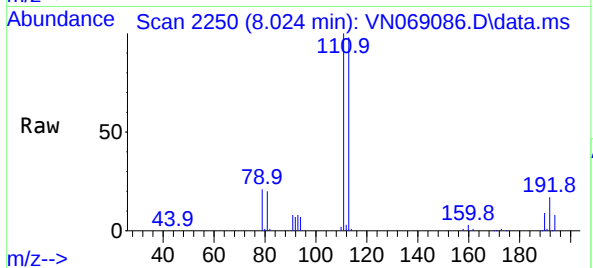




#35
Dibromofluoromethane
Concen: 50.509 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

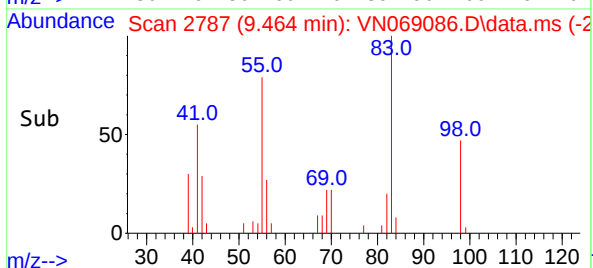
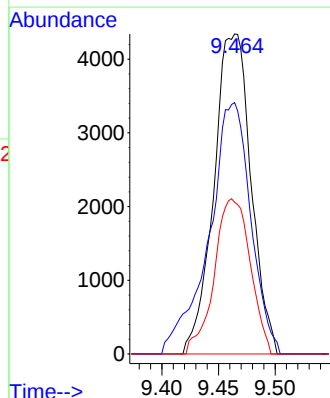
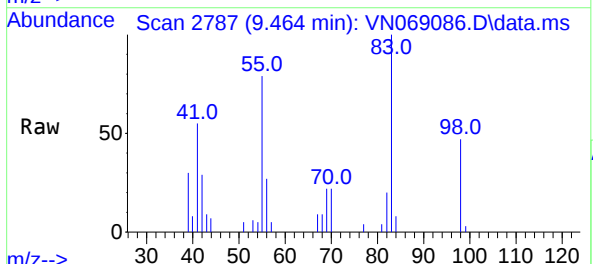
Instrument :
MSVOA_N
ClientSampled :
137-138DL

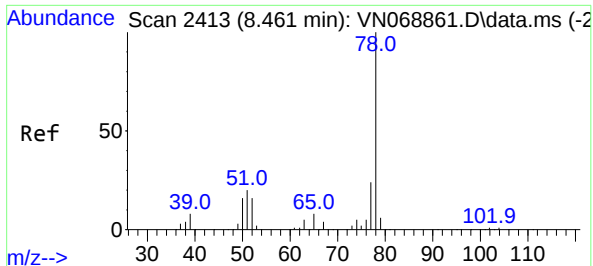
Tgt Ion:113 Resp: 172722
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.1 15.0 22.4



#39
Methylcyclohexane
Concen: 1.532 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion: 83 Resp: 9902
Ion Ratio Lower Upper
83 100
55 78.5 61.4 92.0
98 47.4 36.4 54.6

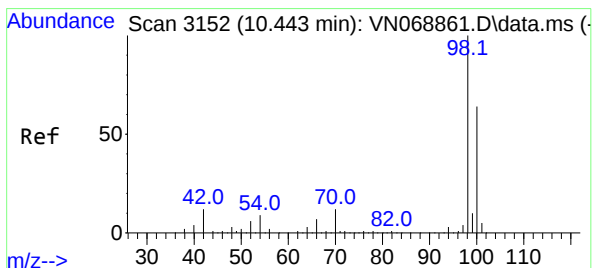
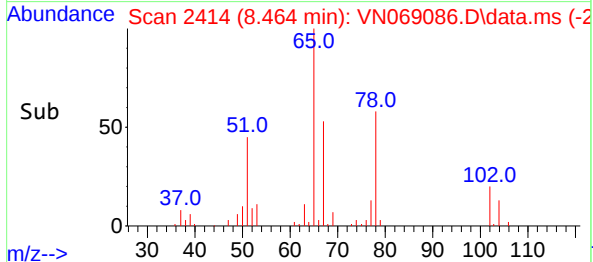
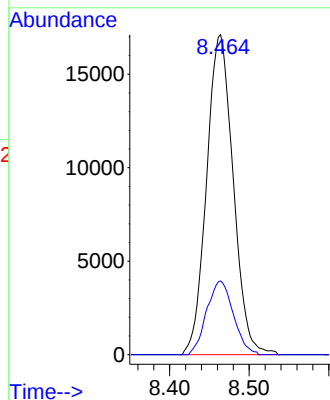
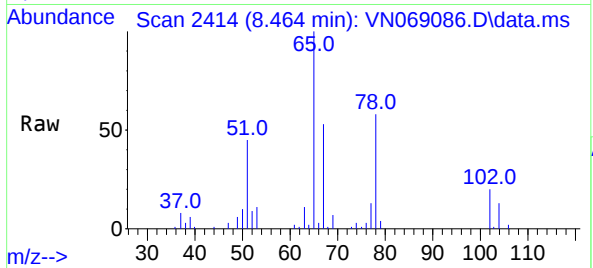




#40
Benzene
Concen: 2.604 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

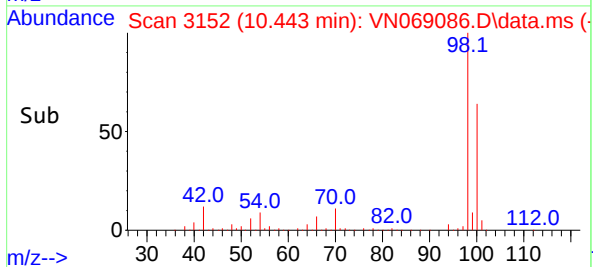
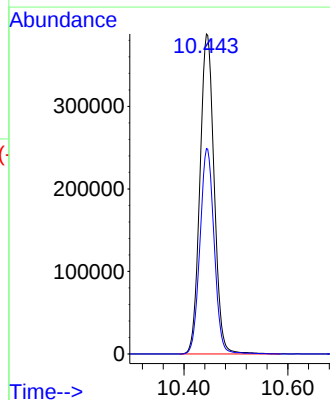
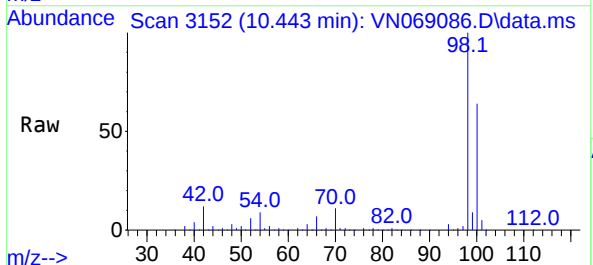
Instrument :
MSVOA_N
ClientSampled :
137-138DL

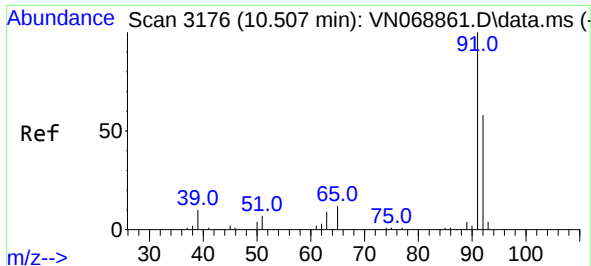
Tgt Ion: 78 Resp: 39814
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion: 98 Resp: 738241
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

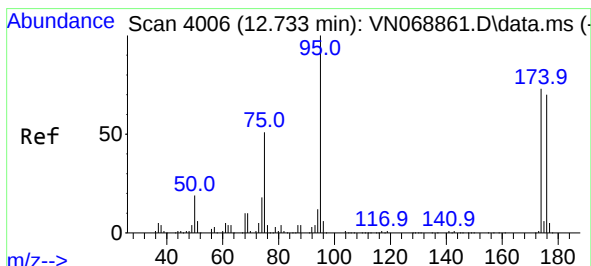
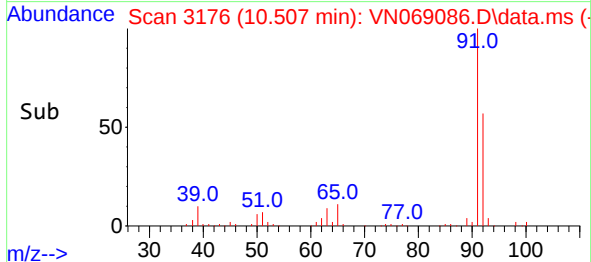
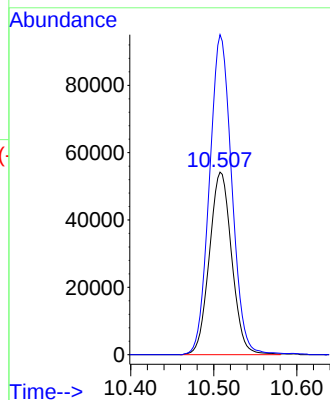
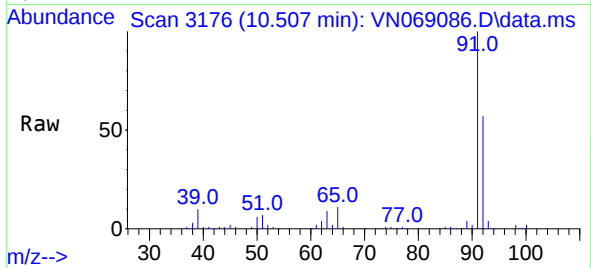




#52
Toluene
Concen: 10.296 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

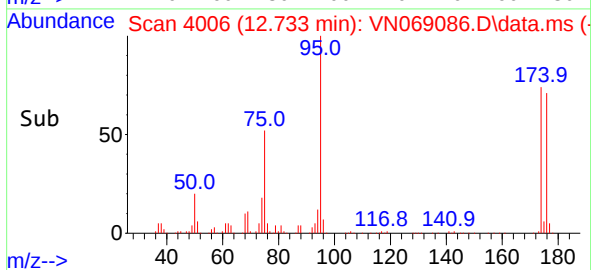
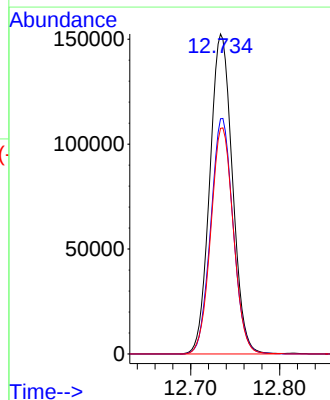
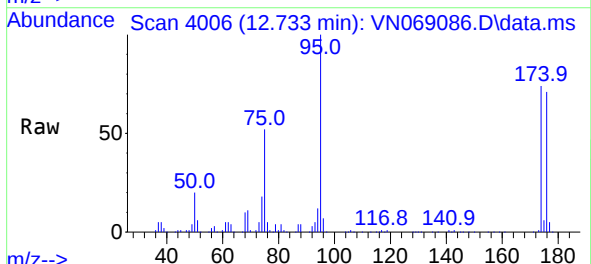
Instrument :
MSVOA_N
ClientSampled :
137-138DL

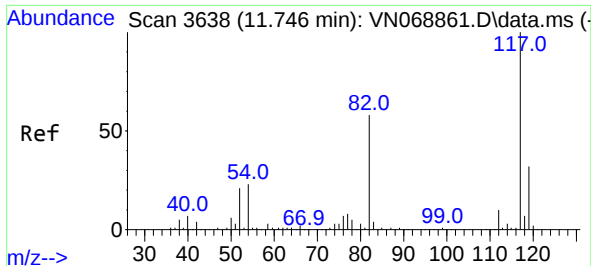
Tgt Ion: 92 Resp: 101271
Ion Ratio Lower Upper
92 100
91 175.2 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 52.115 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion: 95 Resp: 269031
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.8
176 70.6 0.0 140.0

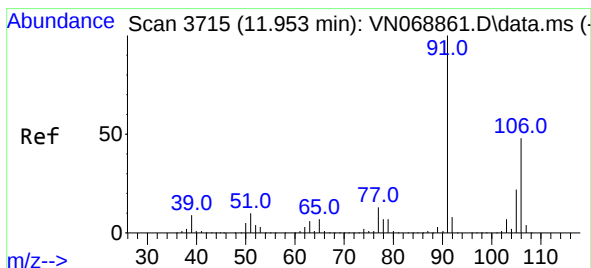
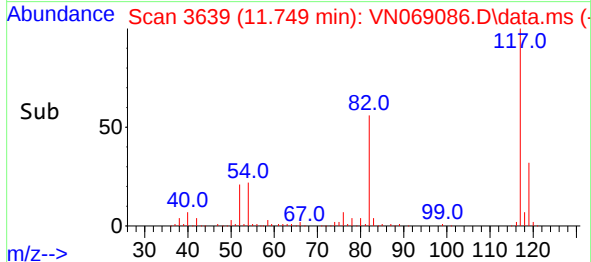
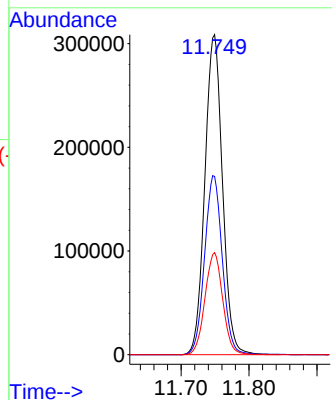
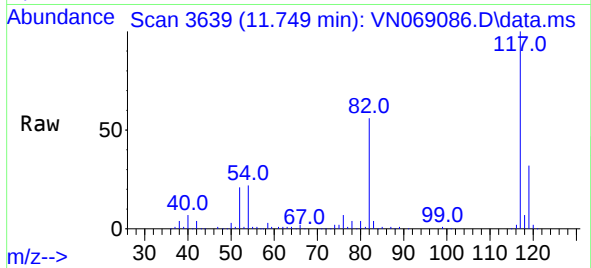




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

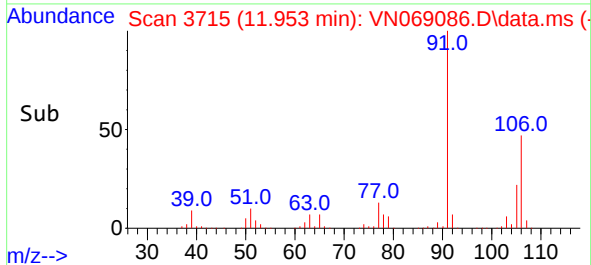
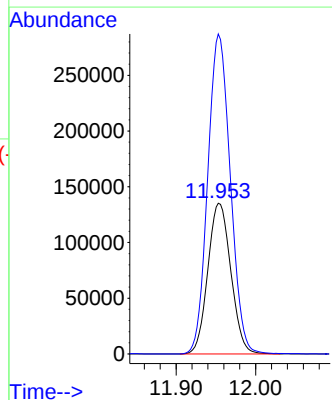
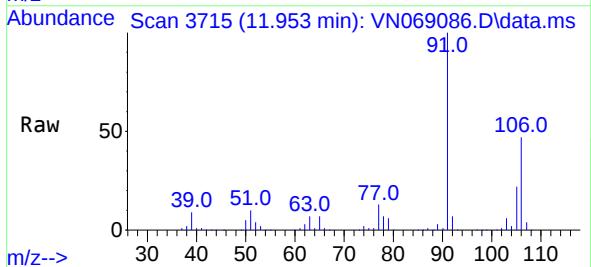
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ClientSampleId :
137-138DL

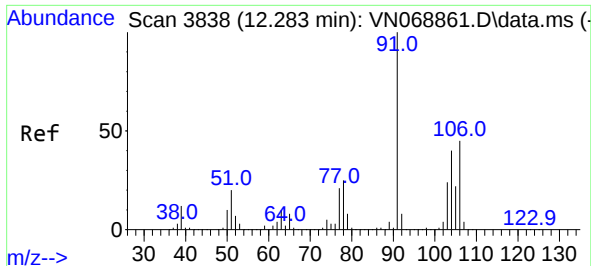
Tgt Ion:117 Resp: 557101
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 31.9 26.0 39.0



#68
m/p-Xylenes
Concen: 36.622 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion:106 Resp: 271859
Ion Ratio Lower Upper
106 100
91 208.6 166.8 250.2

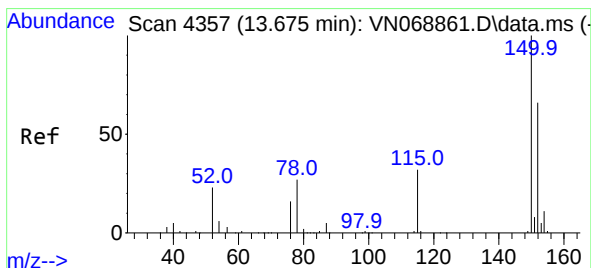
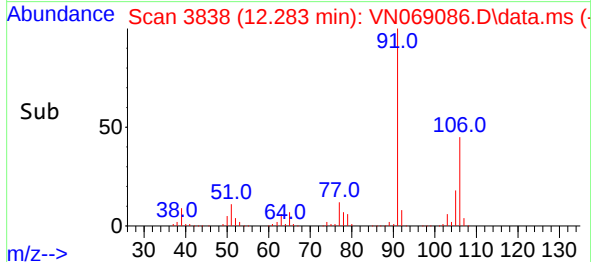
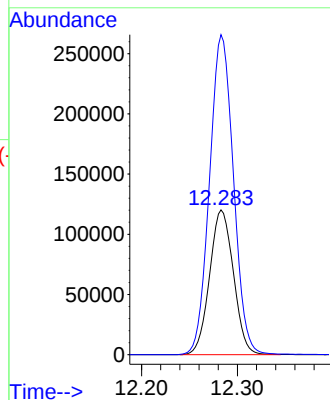
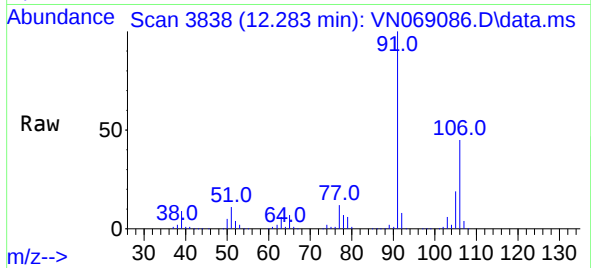




#69
o-Xylene
Concen: 27.985 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

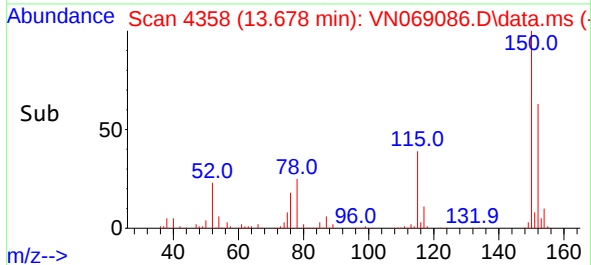
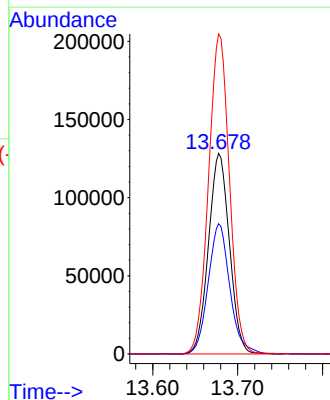
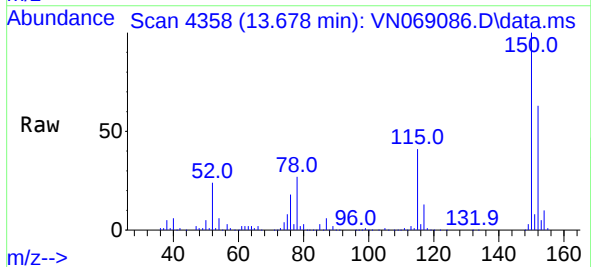
Instrument :
MSVOA_N
ClientSampled :
137-138DL

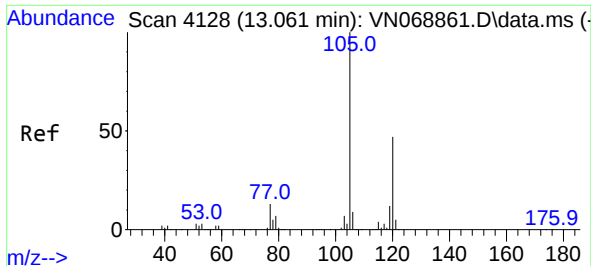
Tgt Ion:106 Resp: 207937
Ion Ratio Lower Upper
106 100
91 221.8 109.6 328.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Tgt Ion:152 Resp: 219524
Ion Ratio Lower Upper
152 100
115 67.3 31.4 94.3
150 159.4 0.0 351.0

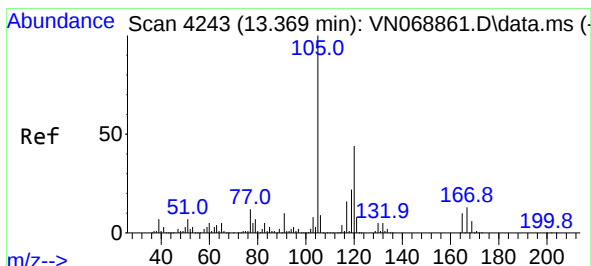
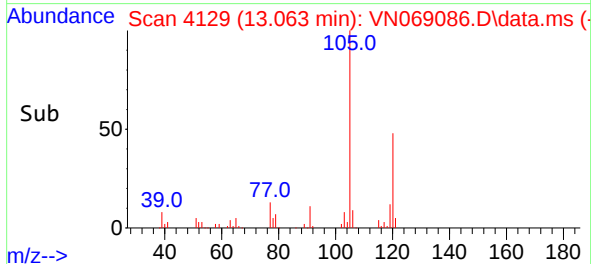
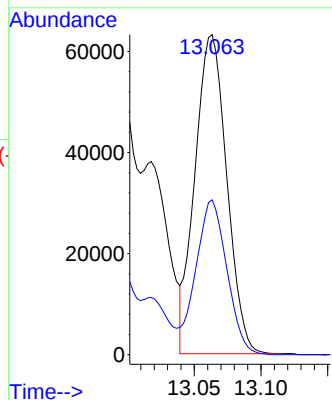
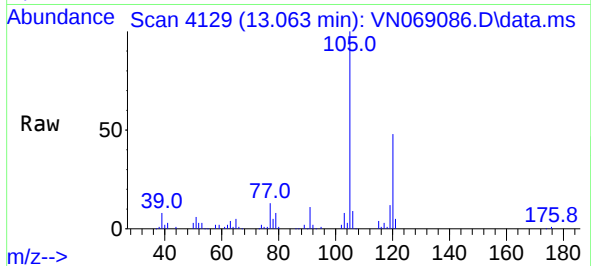




#80
1,3,5-Trimethylbenzene
Concen: 6.865 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

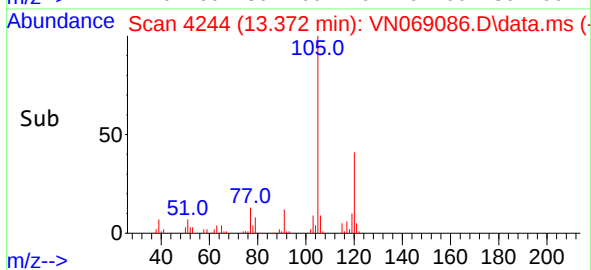
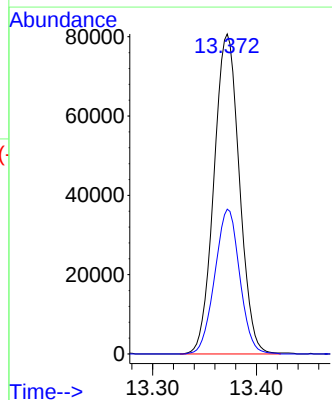
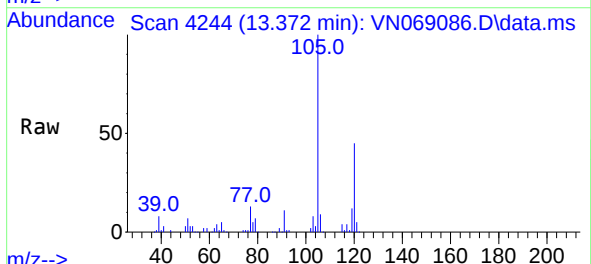
Instrument :
MSVOA_N
ClientSampled :
137-138DL

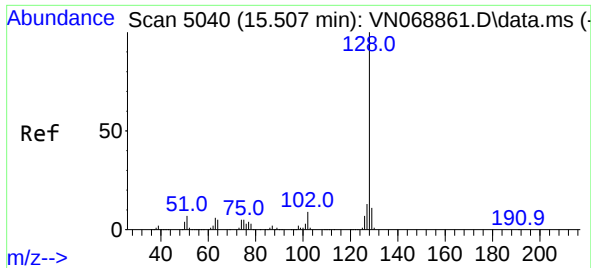
Tgt Ion:105 Resp: 104485
Ion Ratio Lower Upper
105 100
120 47.9 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 9.363 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

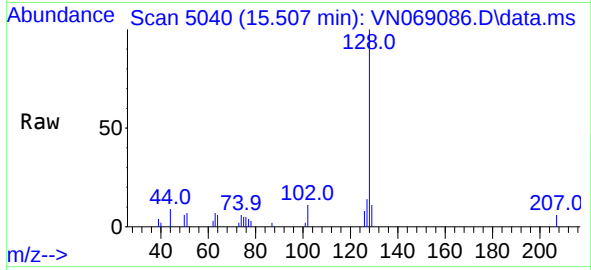
Tgt Ion:105 Resp: 137301
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.5





#95
Naphthalene
Concen: 5.349 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069086.D
Acq: 21 Oct 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
137-138DL



Tgt Ion:	128	Resp:	16949
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.5	8.9	13.3

