

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070011.D
 Acq On : 11 Dec 2021 16:27
 Operator : JC/MD
 Sample : M4873-06
 Misc : 6.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-7-6.5

Quant Time: Dec 12 16:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

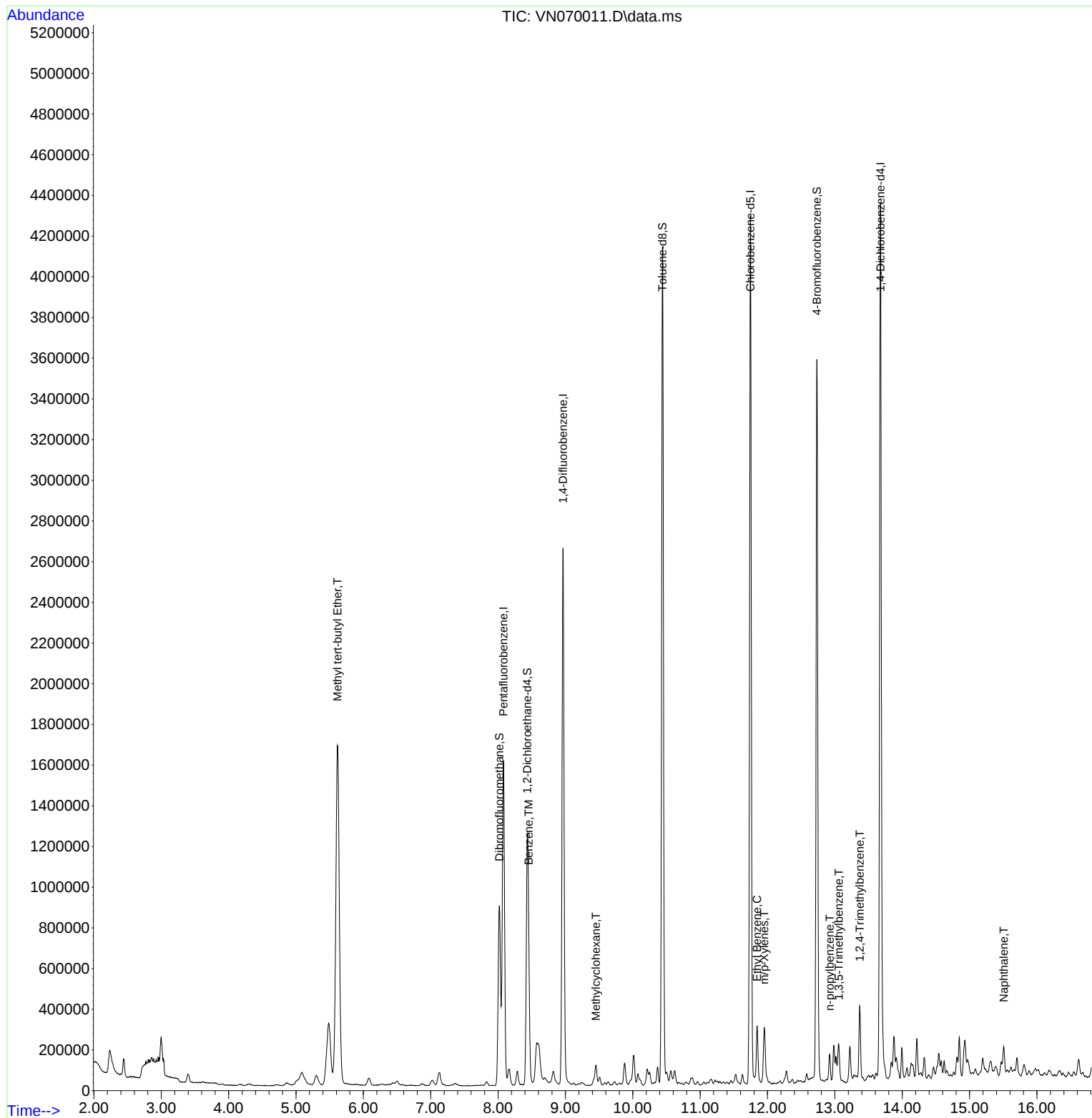
Internal Standards						
1) Pentafluorobenzene	8.080	168	1154451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2192102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2299207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1117871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	909055	51.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.00%			
35) Dibromofluoromethane	8.018	113	652374	47.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.02%			
50) Toluene-d8	10.440	98	2798490	50.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.52%			
62) 4-Bromofluorobenzene	12.733	95	1181551	59.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.30%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.615	73	2582700	60.40	ug/l	95
39) Methylcyclohexane	9.453	83	25501	1.03	ug/l #	87
40) Benzene	8.453	78	365712	5.73	ug/l	98
67) Ethyl Benzene	11.846	91	189375	2.24	ug/l	98
68) m/p-Xylenes	11.950	106	73475	2.38	ug/l	95
78) n-propylbenzene	12.924	91	104622	0.95	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	62101	0.78	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	202424	2.66	ug/l	98
95) Naphthalene	15.507	128	124194	6.08	ug/l	99

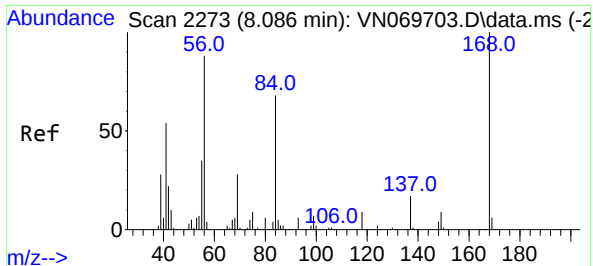
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

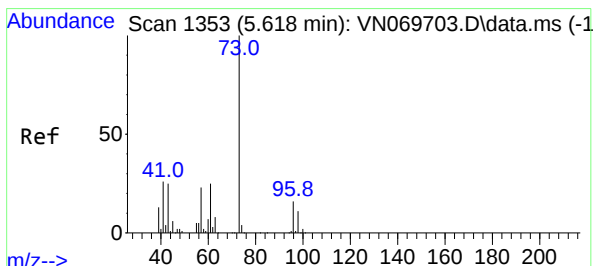
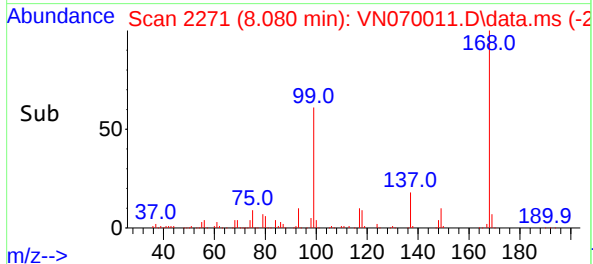
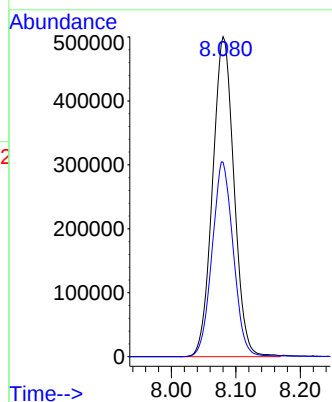
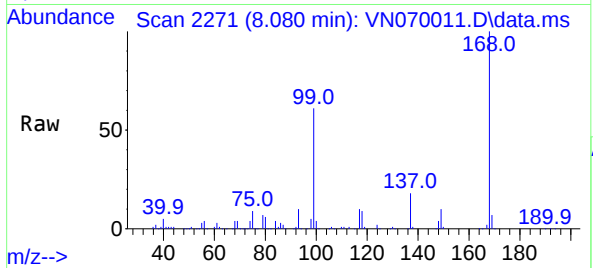




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

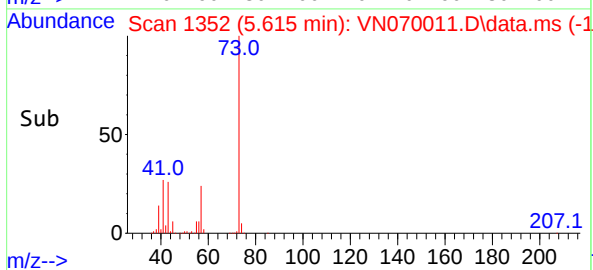
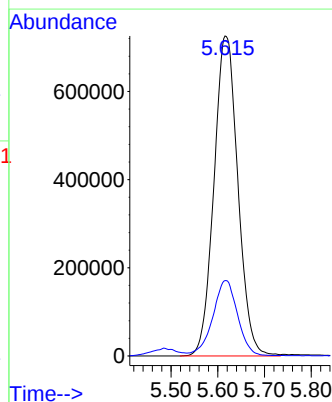
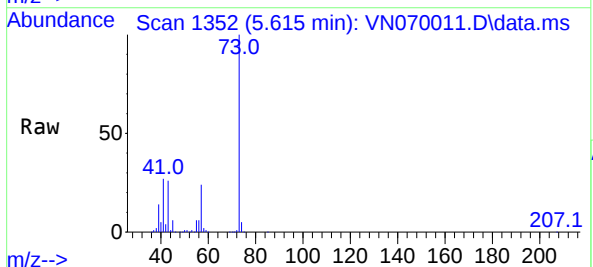
Instrument :
MSVOA_N
ClientSampleId :
A2-7-6.5

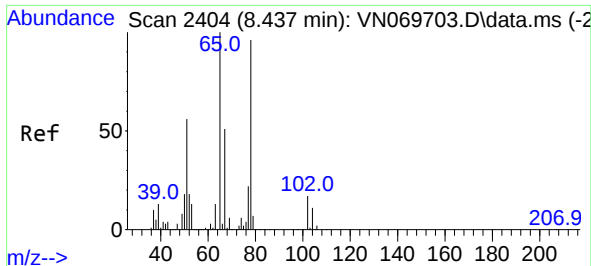
Tgt Ion:168 Resp: 1154451
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#19
Methyl tert-butyl Ether
Concen: 60.40 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

Tgt Ion: 73 Resp: 2582700
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

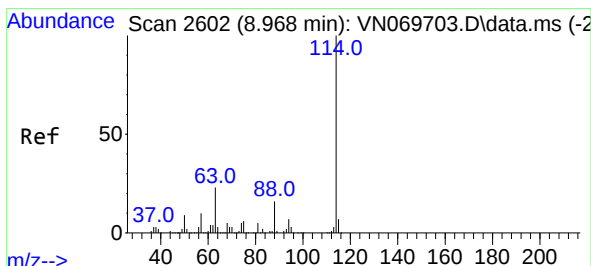
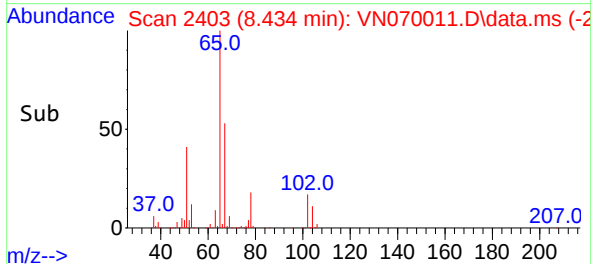
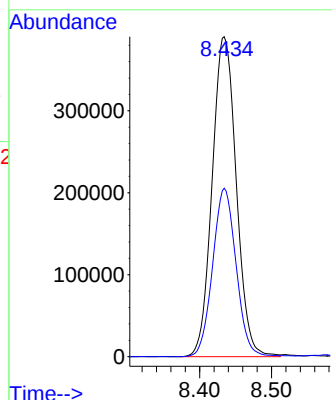
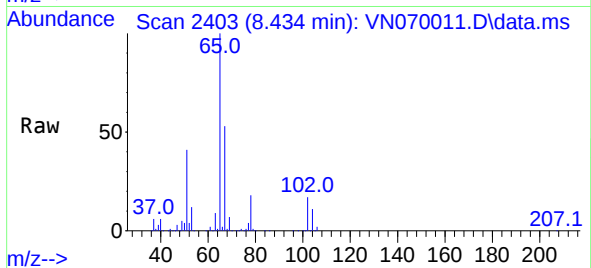




#33
 1,2-Dichloroethane-d4
 Concen: 51.00 ug/l
 RT: 8.434 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VN070011.D
 Acq: 11 Dec 2021 16:27

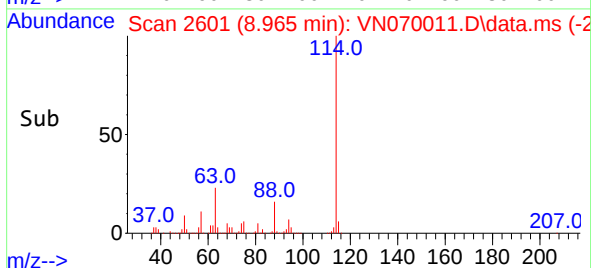
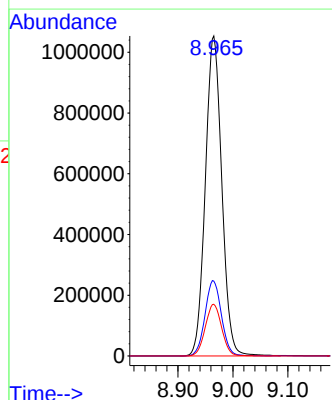
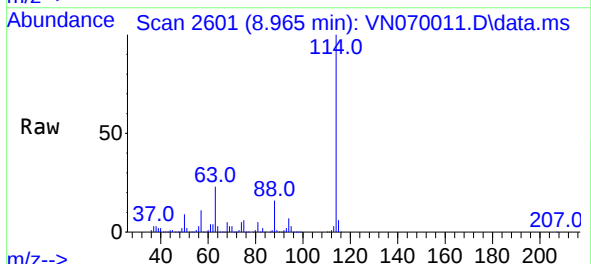
Instrument :
 MSVOA_N
 ClientSampleId :
 A2-7-6.5

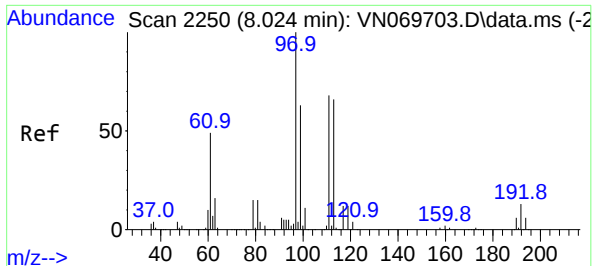
Tgt Ion: 65 Resp: 909055
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070011.D
 Acq: 11 Dec 2021 16:27

Tgt Ion: 114 Resp: 2192102
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.2 0.0 27.4

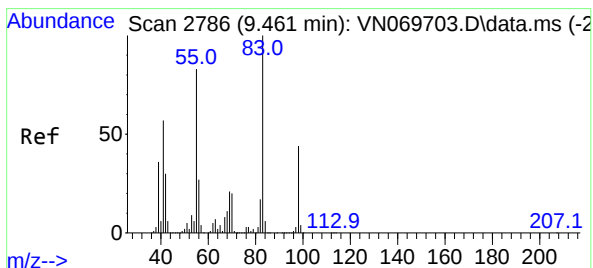
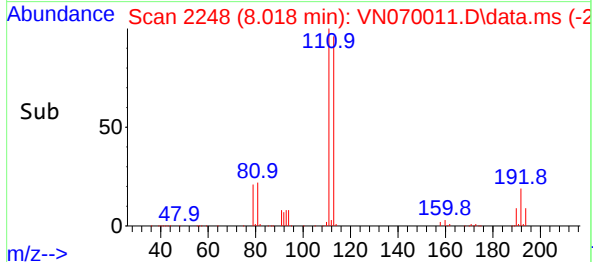
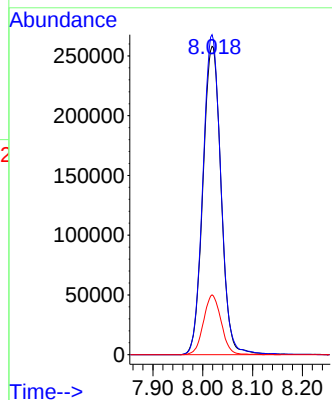
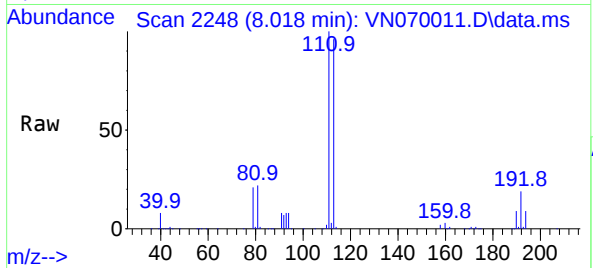




#35
Dibromofluoromethane
Concen: 47.51 ug/l
RT: 8.018 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

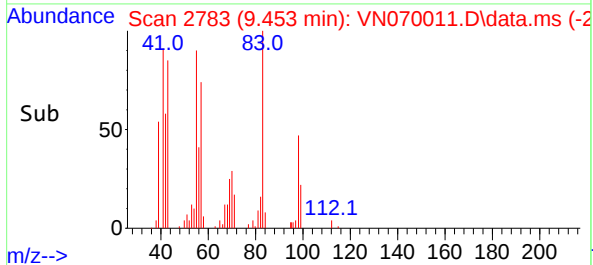
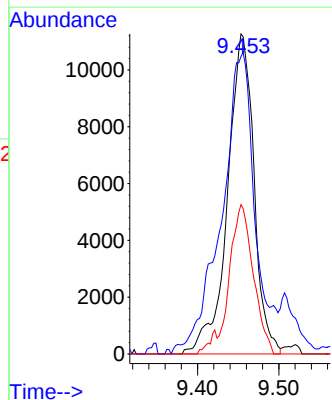
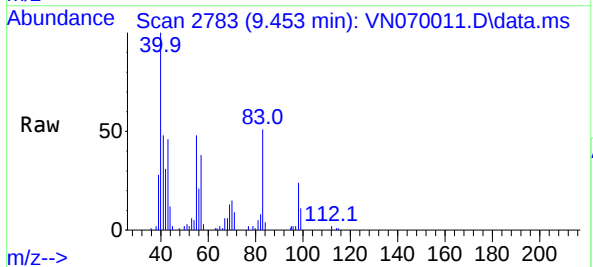
Instrument :
MSVOA_N
ClientSampleId :
A2-7-6.5

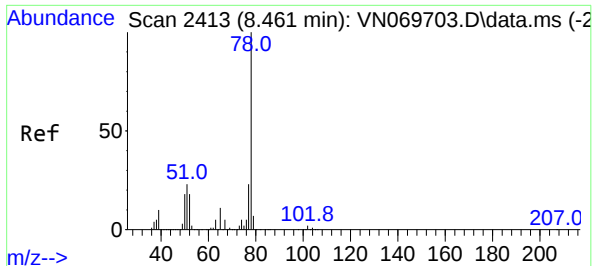
Tgt Ion:113 Resp: 652374
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3



#39
Methylcyclohexane
Concen: 1.03 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

Tgt Ion: 83 Resp: 25501
Ion Ratio Lower Upper
83 100
55 90.1 58.1 87.1#
98 46.7 38.4 57.6

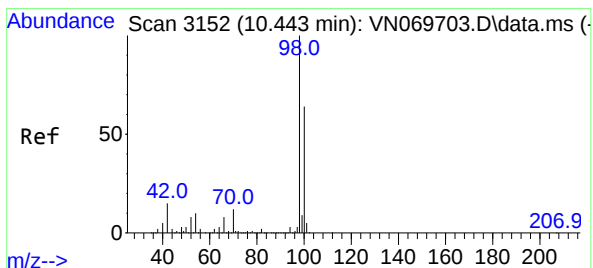
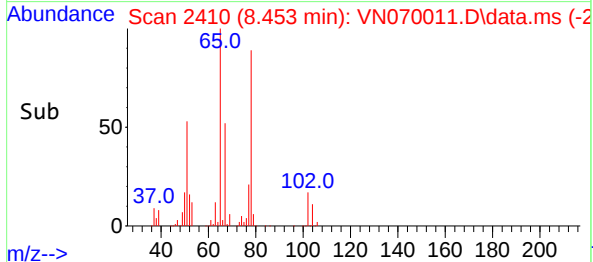
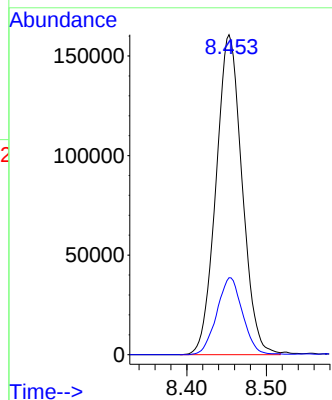
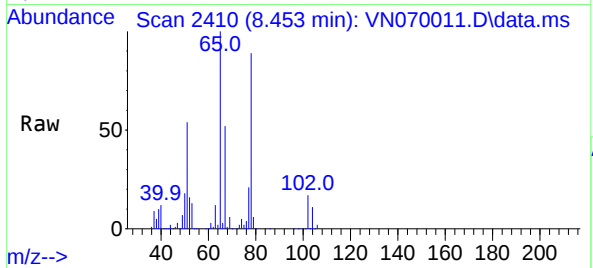




#40
Benzene
Concen: 5.73 ug/l
RT: 8.453 min Scan# 2413
Delta R.T. -0.008 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

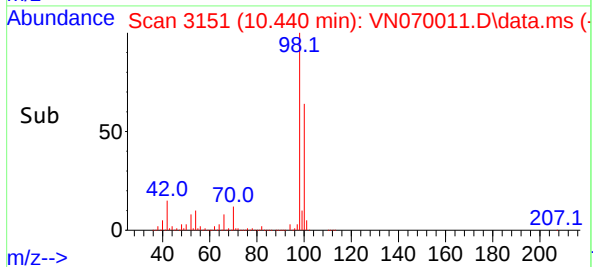
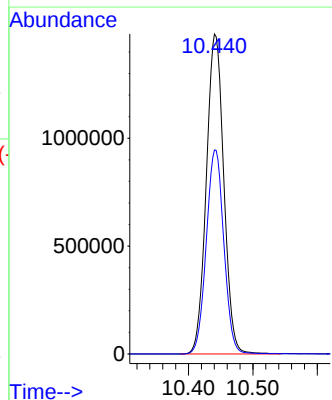
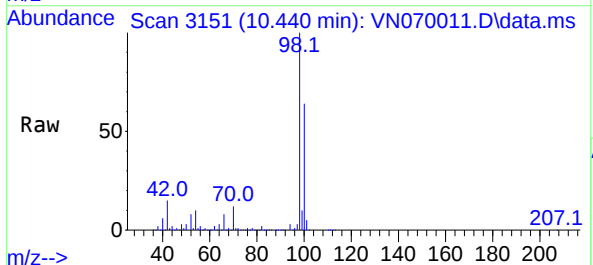
Instrument :
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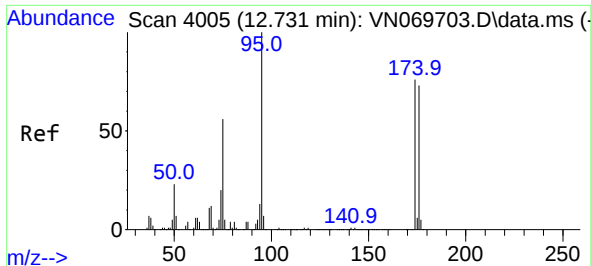
Tgt Ion: 78 Resp: 365712
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

Tgt Ion: 98 Resp: 2798490
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

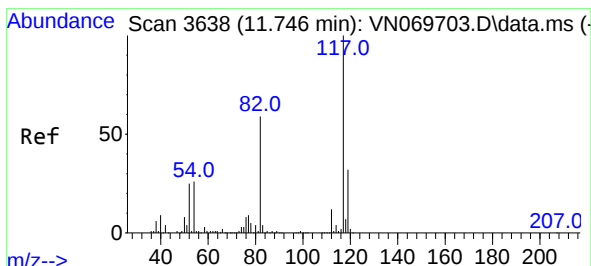
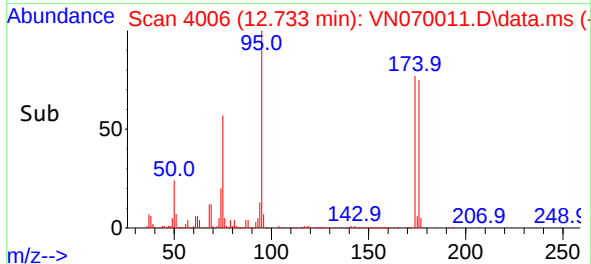
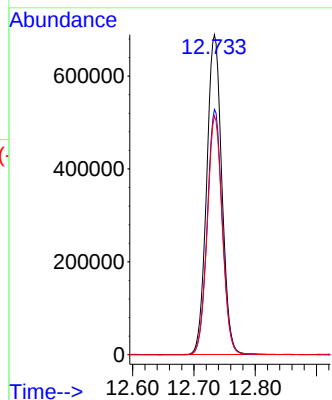
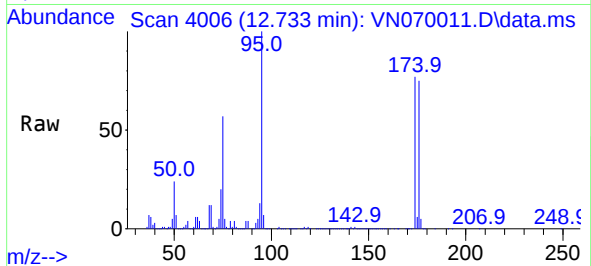




#62
4-Bromofluorobenzene
Concen: 59.15 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

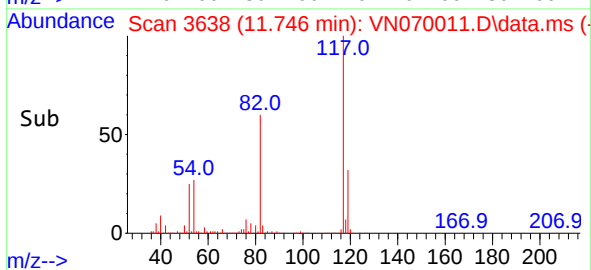
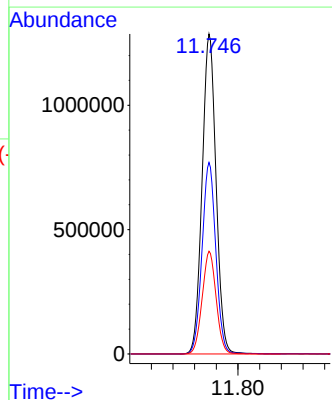
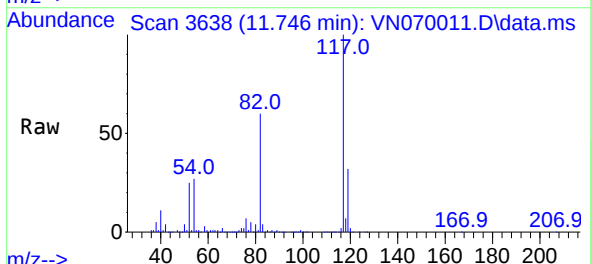
Instrument :
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ClientSampleId :
A2-7-6.5

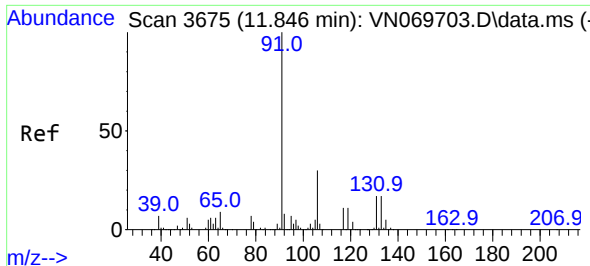
Tgt Ion: 95 Resp: 1181551
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

Tgt Ion: 117 Resp: 2299207
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.1 25.4 38.2

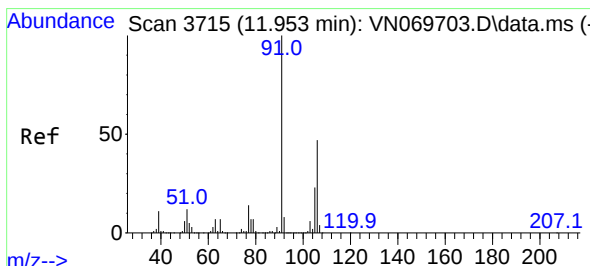
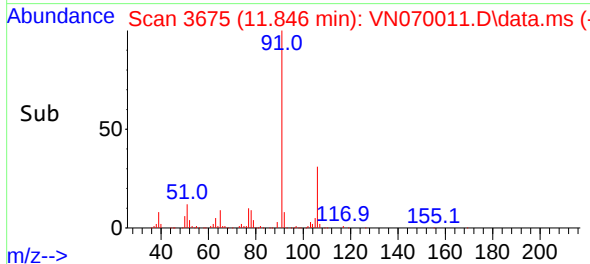
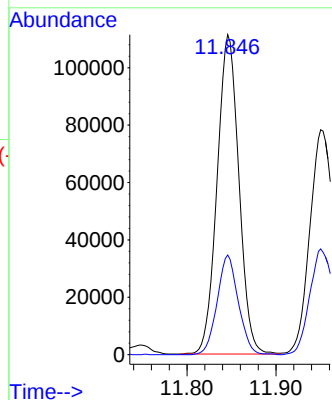
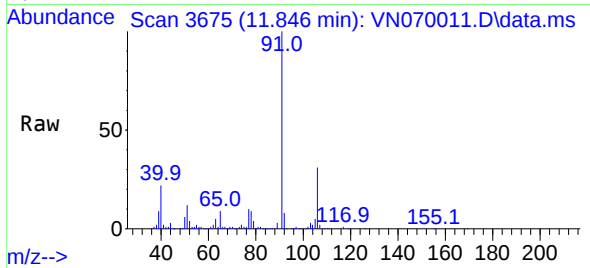




#67
Ethyl Benzene
Concen: 2.24 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

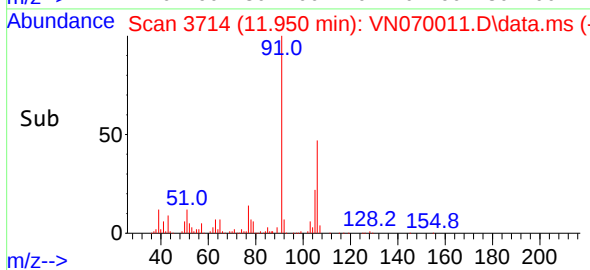
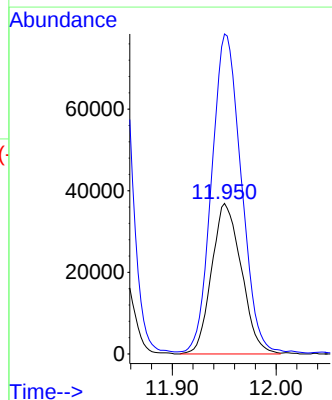
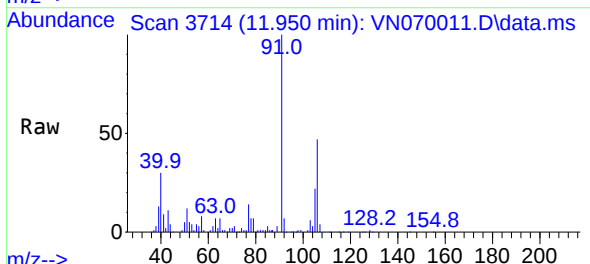
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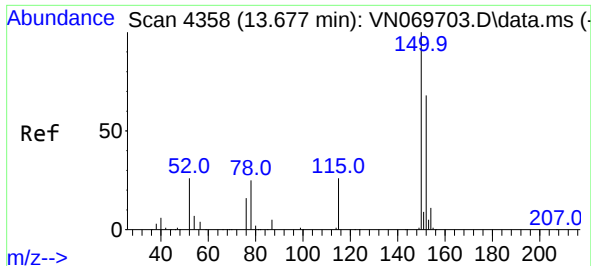
Tgt Ion: 91 Resp: 189375
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 2.38 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

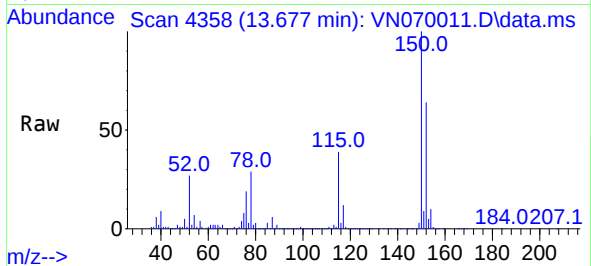
Tgt Ion: 106 Resp: 73475
Ion Ratio Lower Upper
106 100
91 208.2 160.6 240.8



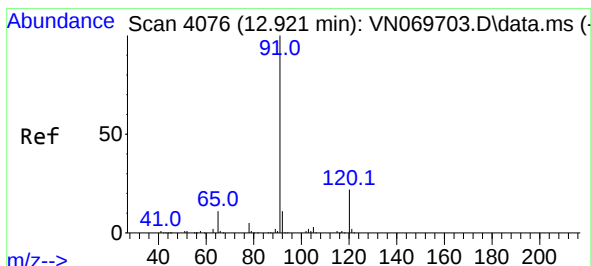
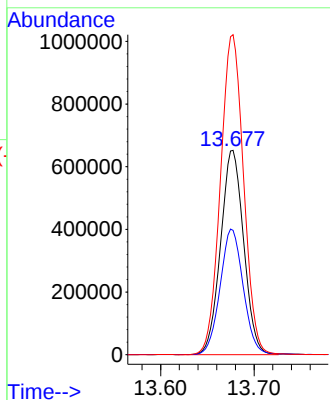
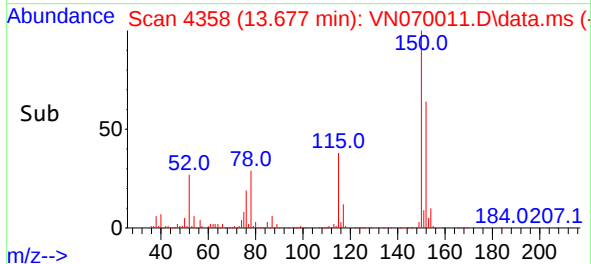


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

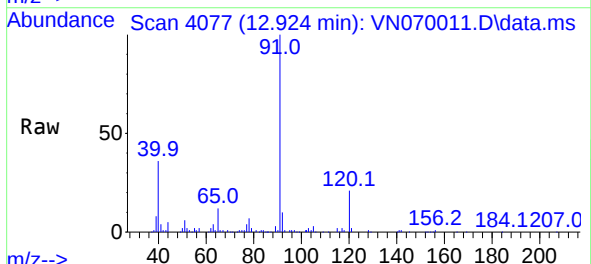
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MSVOA_N
ClientSampleId :
A2-7-6.5



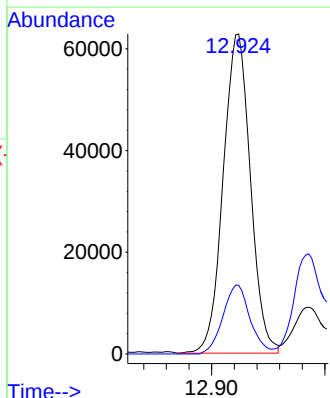
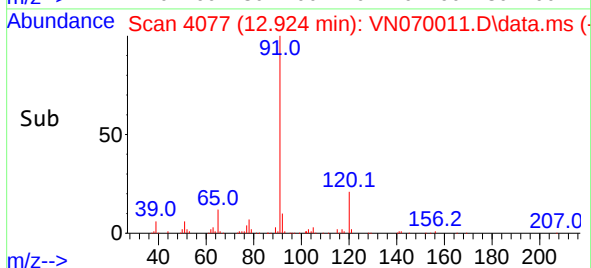
Tgt Ion:152 Resp: 1117871
Ion Ratio Lower Upper
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115 61.6 27.5 82.5
150 157.4 0.0 344.4

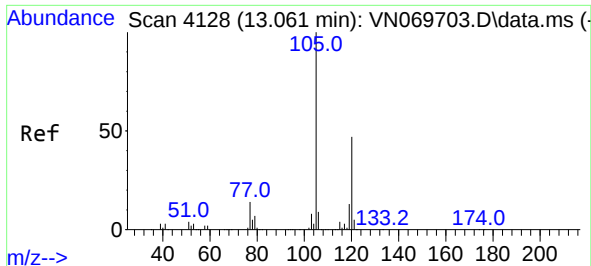


#78
n-propylbenzene
Concen: 0.95 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27



Tgt Ion: 91 Resp: 104622
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

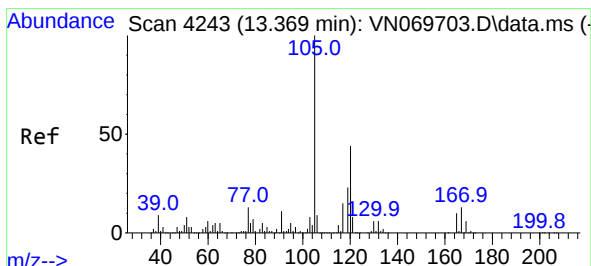
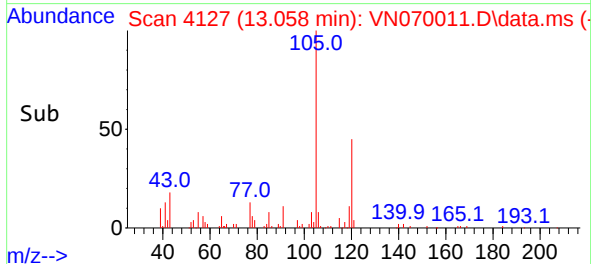
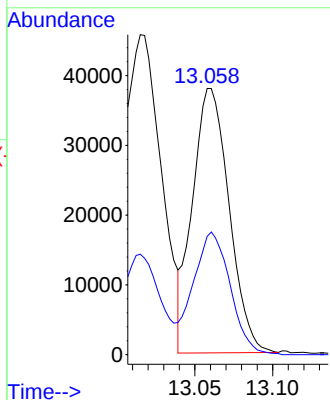
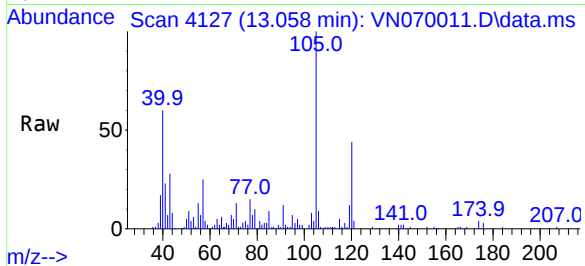




#80
1,3,5-Trimethylbenzene
Concen: 0.78 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

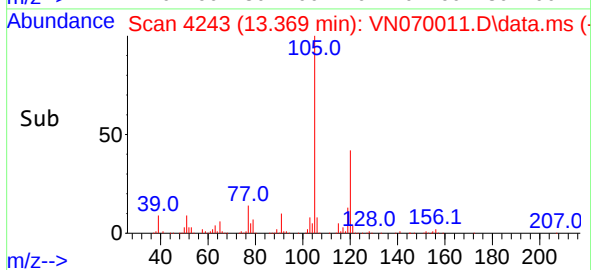
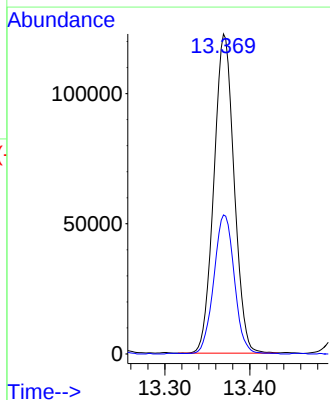
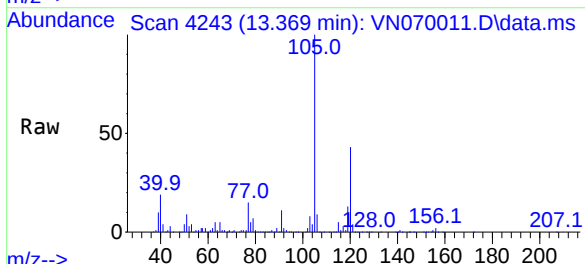
Instrument :
MSVOA_N
ClientSampleId :
A2-7-6.5

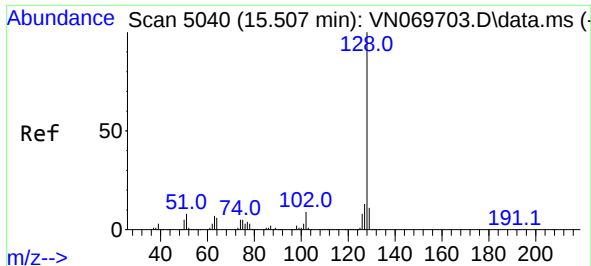
Tgt Ion:105 Resp: 62101
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 2.66 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

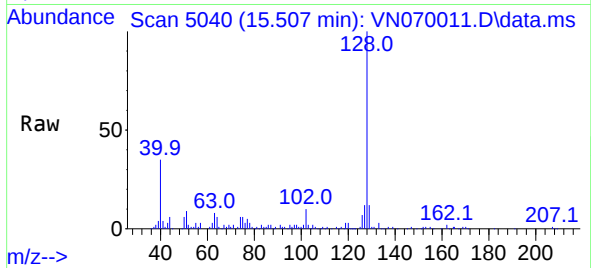
Tgt Ion:105 Resp: 202424
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





#95
Naphthalene
Concen: 6.08 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN070011.D
Acq: 11 Dec 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
A2-7-6.5



Tgt Ion:128 Resp: 124194
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.3 8.7 13.1

