

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070137.D
 Acq On : 16 Dec 2021 14:57
 Operator : JC/MD
 Sample : M5011-05
 Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-3-(9.5-10)

Quant Time: Dec 16 15:49:38 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)

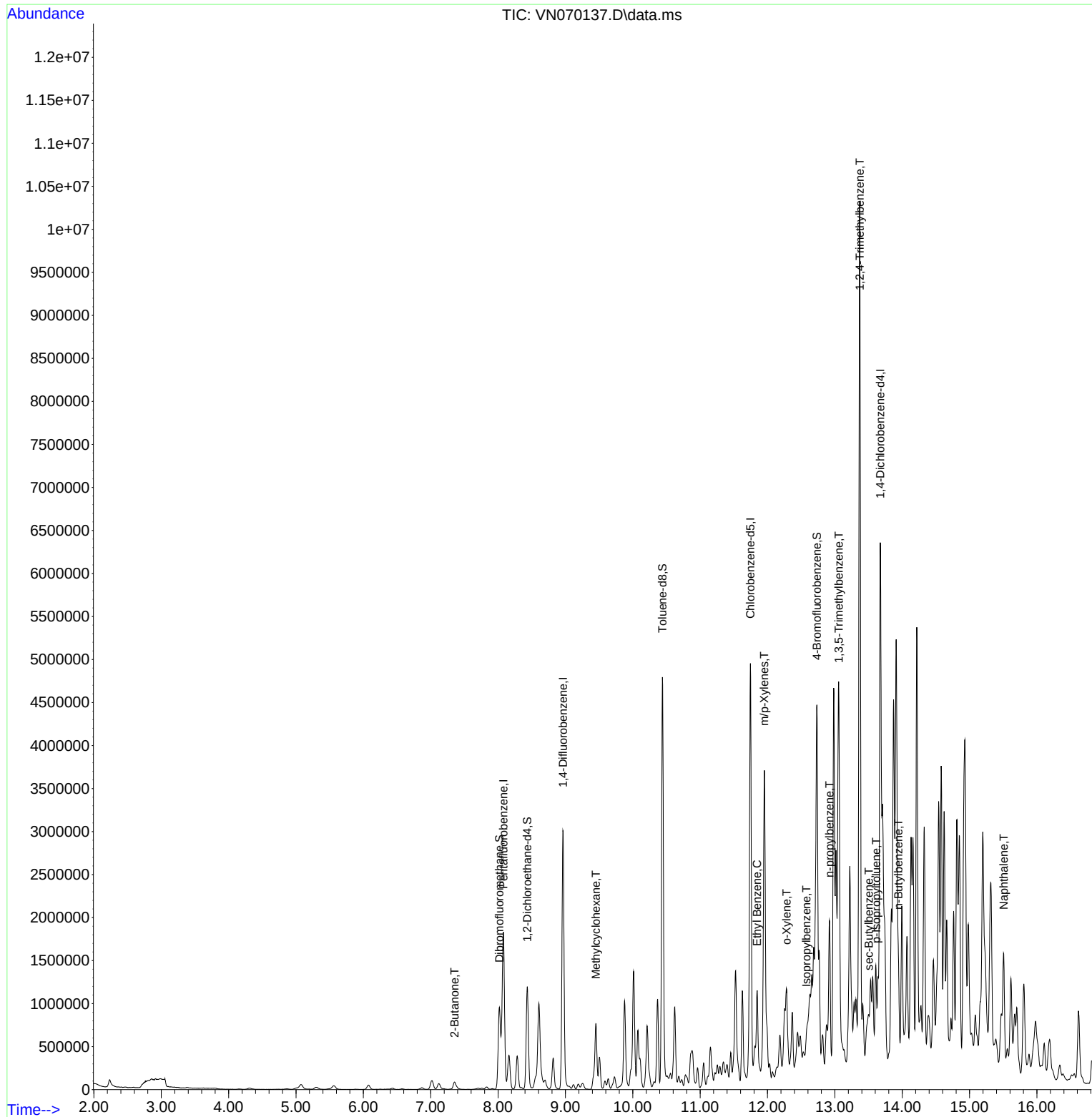
Internal Standards						
1) Pentafluorobenzene	8.080	168	1292056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2436707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2544416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1321403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1026485	51.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.90%			
35) Dibromofluoromethane	8.019	113	677199	44.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 88.74%			
50) Toluene-d8	10.440	98	3081136	50.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.54%			
62) 4-Bromofluorobenzene	12.734	95	1355547	61.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.10%			
Target Compounds					Qvalue	
25) 2-Butanone	7.354	43	176285	10.81	ug/l	93
39) Methylcyclohexane	9.453	83	170960	6.20	ug/l #	73
67) Ethyl Benzene	11.846	91	600748	6.41	ug/l	95
68) m/p-Xylenes	11.953	106	751765	22.02	ug/l	92
69) o-Xylene	12.283	106	221093	6.43	ug/l	91
73) Isopropylbenzene	12.578	105	242511	2.06	ug/l	98
78) n-propylbenzene	12.921	91	1257757	9.61	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	1677394	17.73	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	5615505	62.31	ug/l	97
85) sec-Butylbenzene	13.503	105	223943	1.97	ug/l #	61
86) p-Isopropyltoluene	13.616	119	104504	1.18	ug/l	96
89) n-Butylbenzene	13.943	91	534577	7.42	ug/l #	70
95) Naphthalene	15.507	128	855016	16.17	ug/l	99

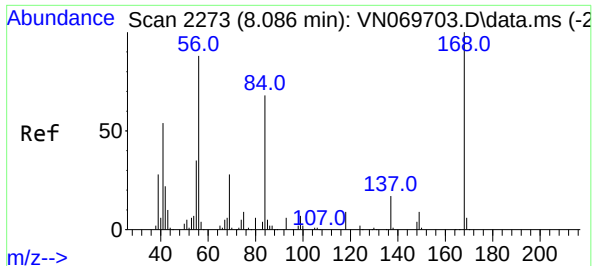
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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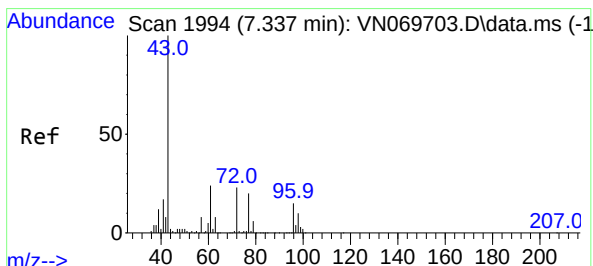
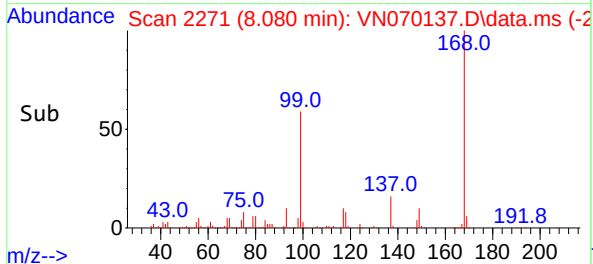
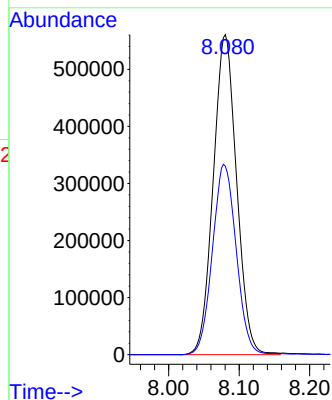
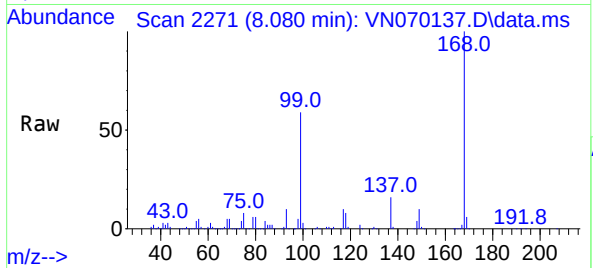




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

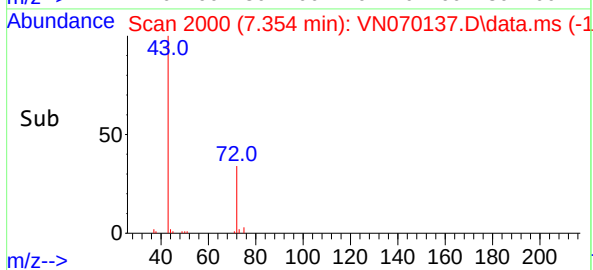
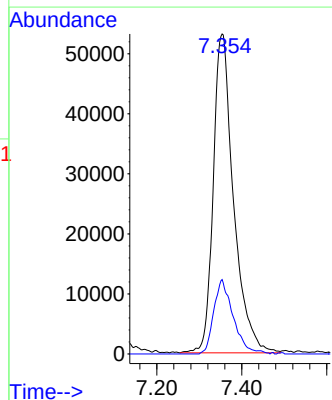
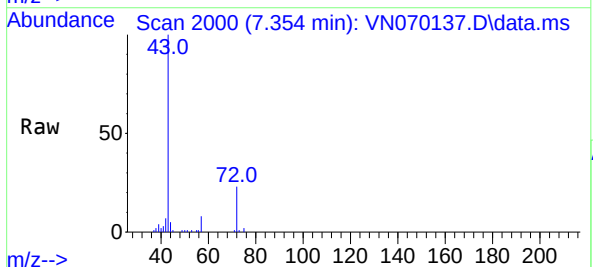
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

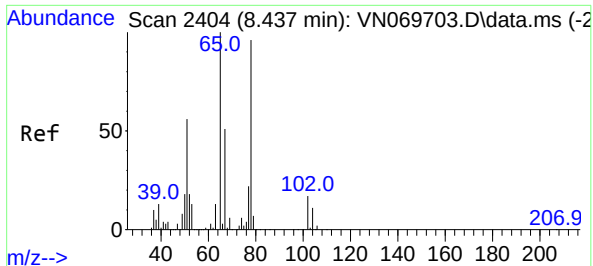
Tgt Ion:168 Resp: 1292056
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#25
2-Butanone
Concen: 10.81 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 43 Resp: 176285
Ion Ratio Lower Upper
43 100
72 23.3 21.7 32.5

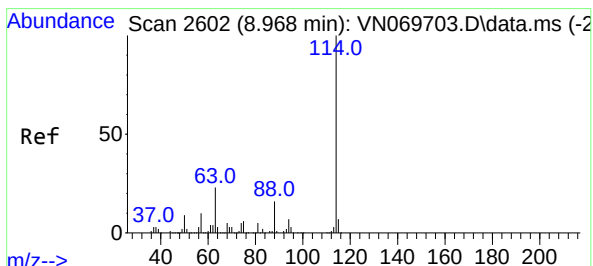
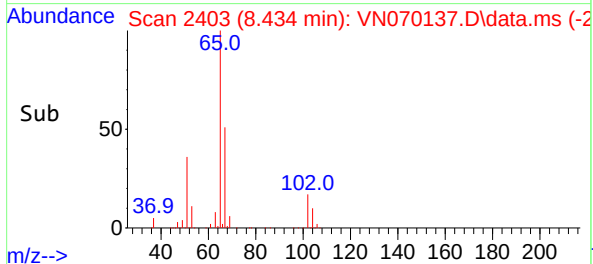
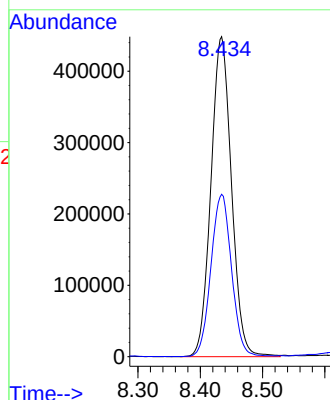
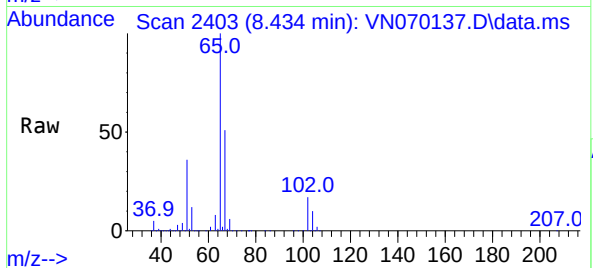




#33
 1,2-Dichloroethane-d4
 Concen: 51.45 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN070137.D
 Acq: 16 Dec 2021 14:57

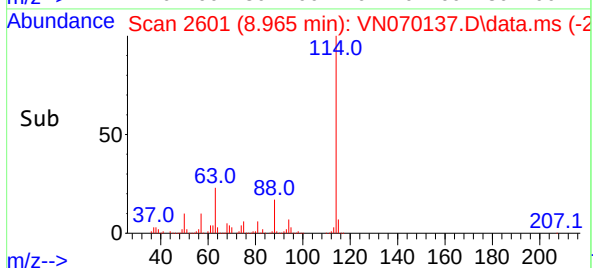
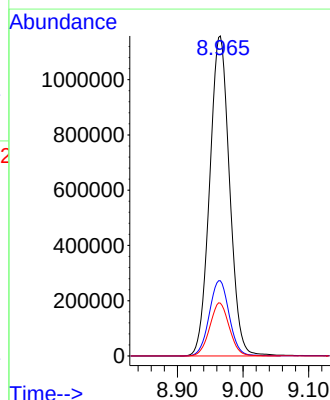
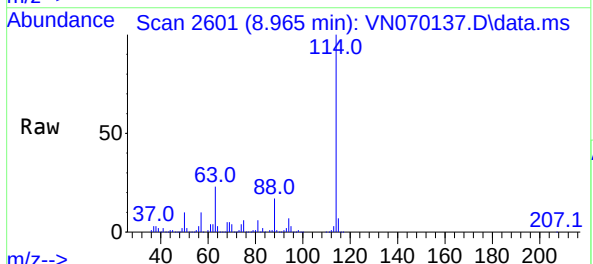
Instrument :
 MSVOA_N
 ClientSampleId :
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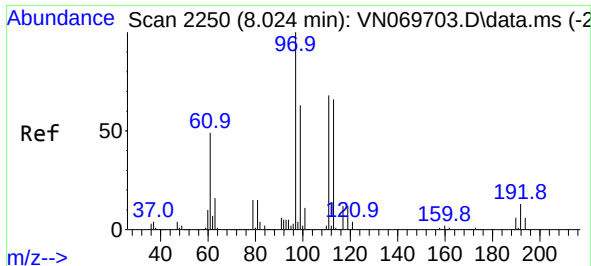
Tgt Ion: 65 Resp: 1026485
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070137.D
 Acq: 16 Dec 2021 14:57

Tgt Ion: 114 Resp: 2436707
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 37.8
 88 16.5 0.0 27.4

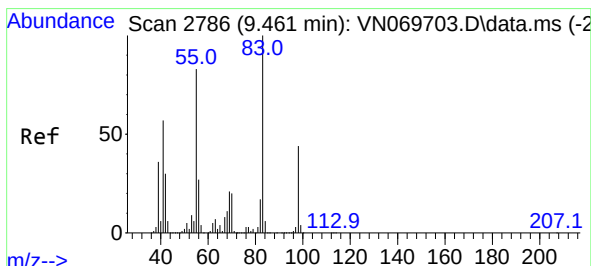
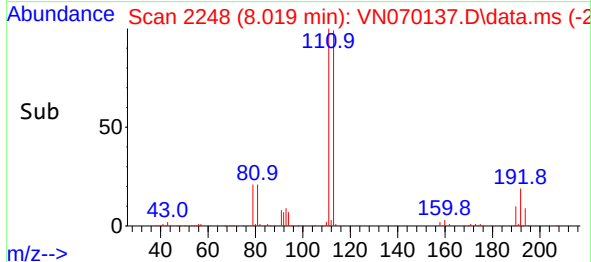
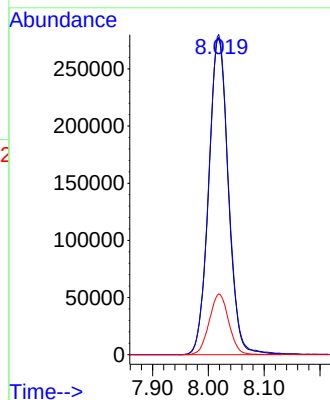
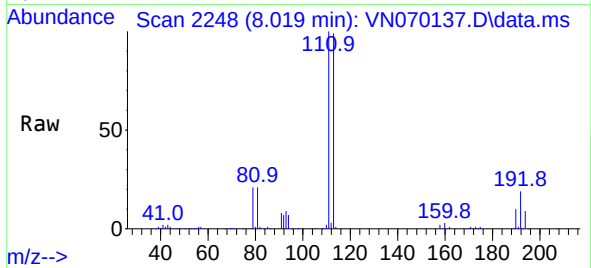




#35
Dibromofluoromethane
Concen: 44.37 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

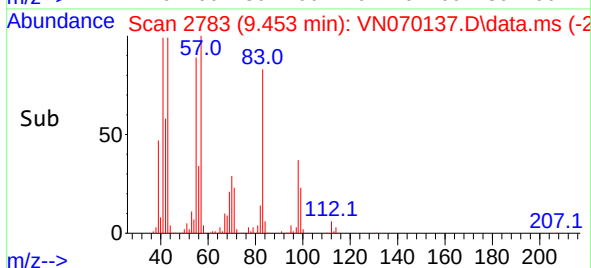
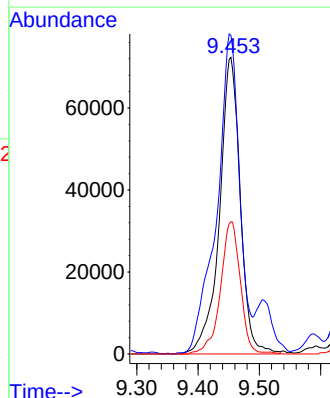
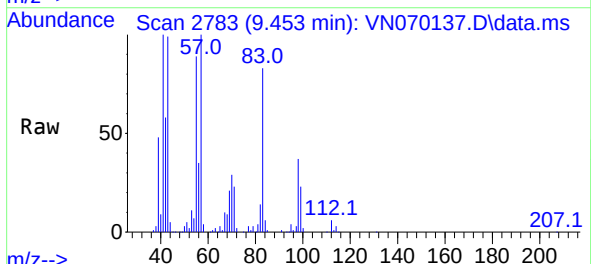
Instrument :
MSVOA_N
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HSB-3-(9.5-10)

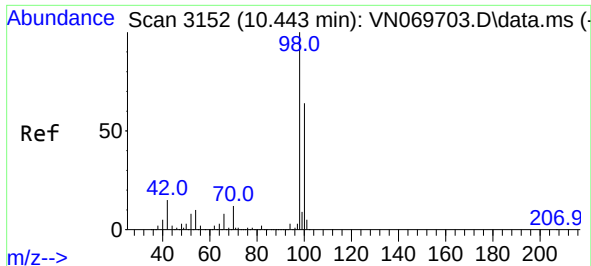
Tgt Ion:113 Resp: 677199
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 19.0 16.9 25.3



#39
Methylcyclohexane
Concen: 6.20 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 83 Resp: 170960
Ion Ratio Lower Upper
83 100
55 107.0 58.1 87.1#
98 44.6 38.4 57.6

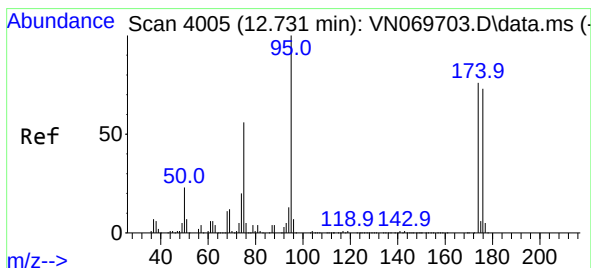
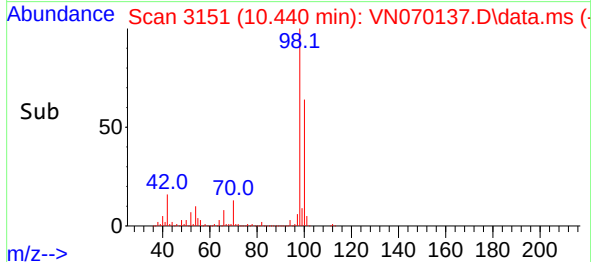
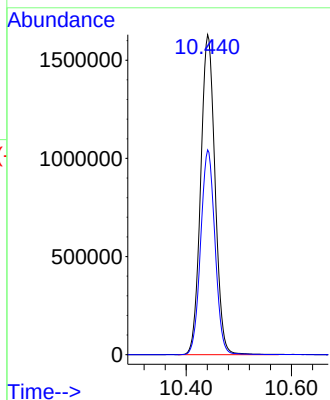
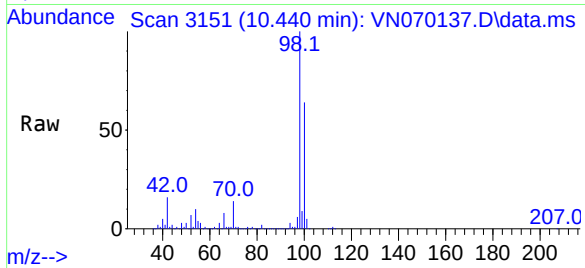




#50
Toluene-d8
Concen: 50.27 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

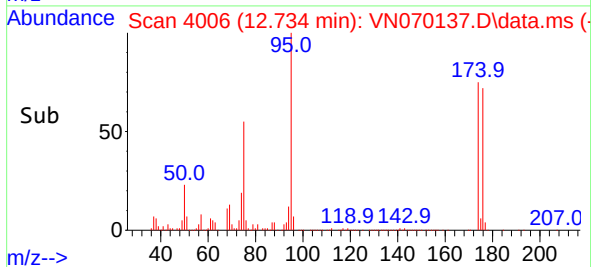
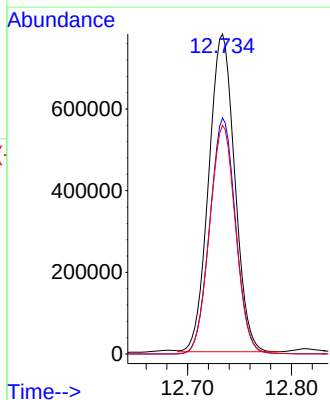
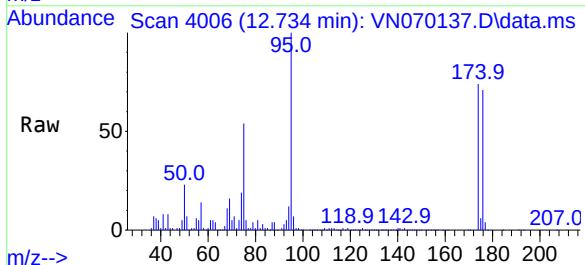
Instrument :
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HSB-3-(9.5-10)

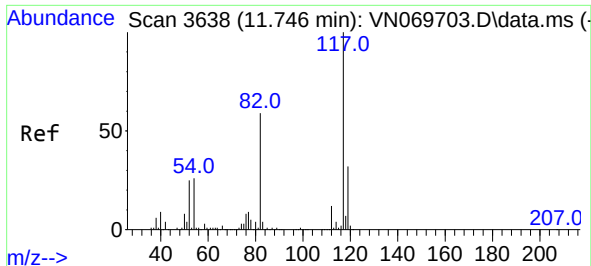
Tgt Ion: 98 Resp: 3081136
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.05 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 95 Resp: 1355547
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 72.1 0.0 181.4

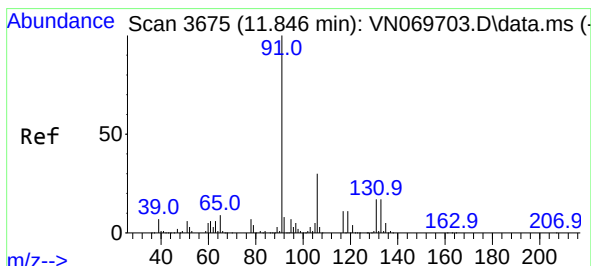
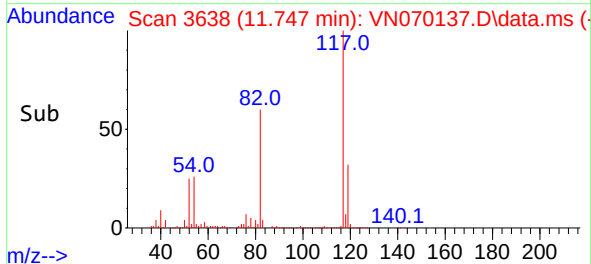
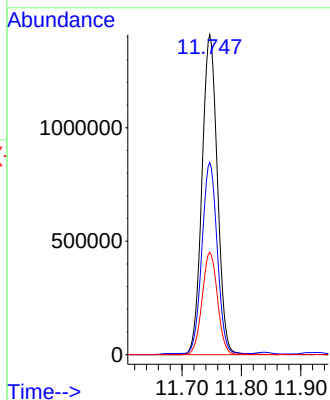
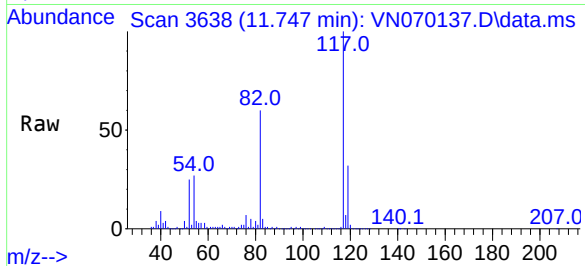




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

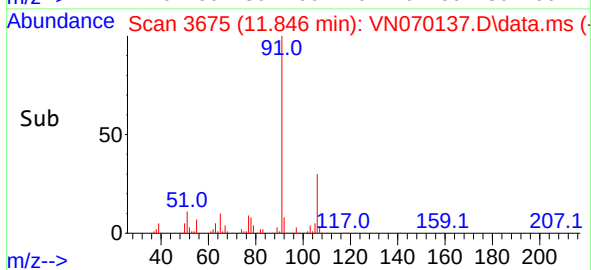
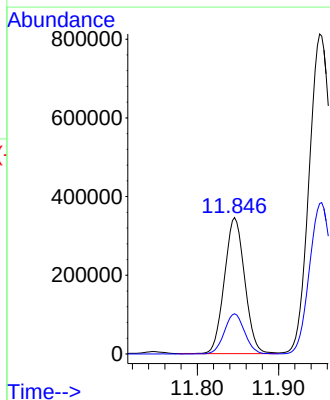
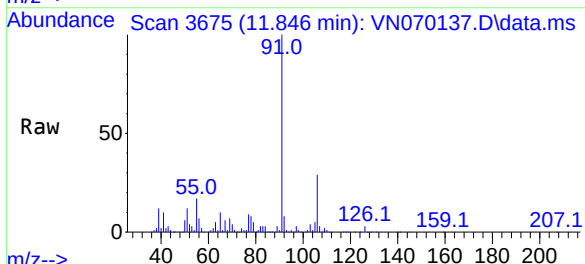
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HSB-3-(9.5-10)

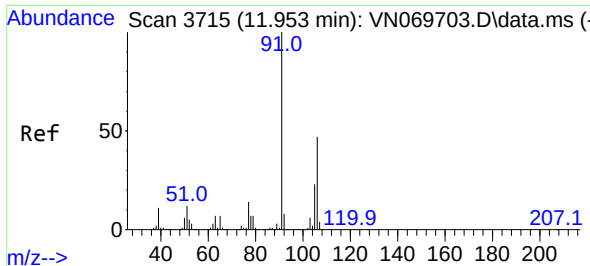
Tgt Ion:117 Resp: 2544416
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 6.41 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 91 Resp: 600748
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

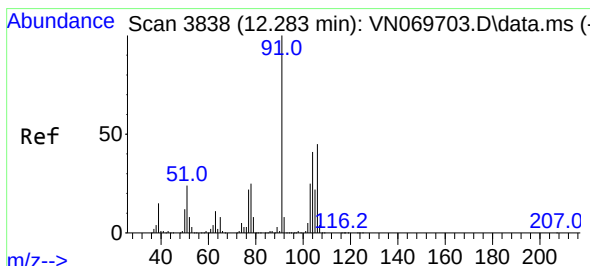
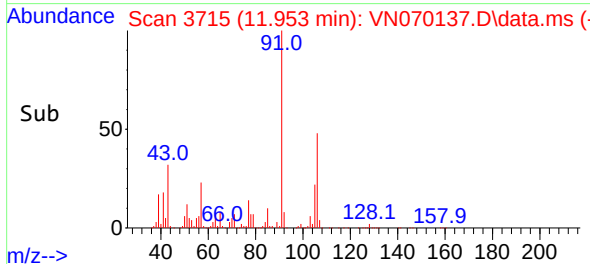
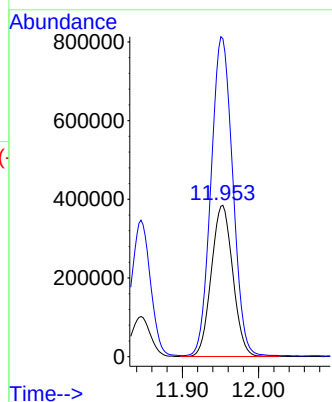
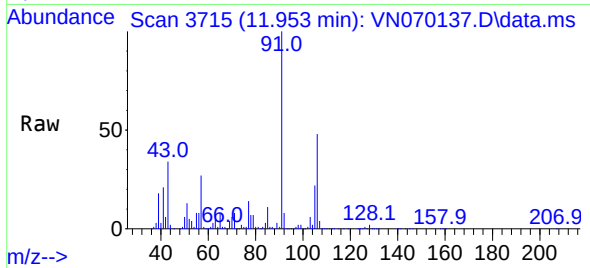




#68
m/p-Xylenes
Concen: 22.02 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

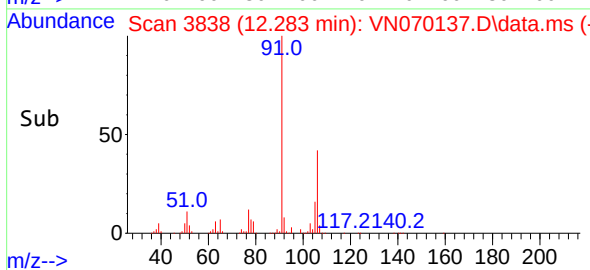
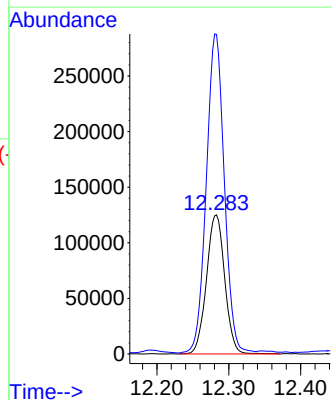
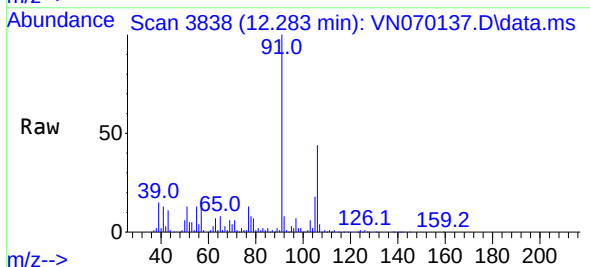
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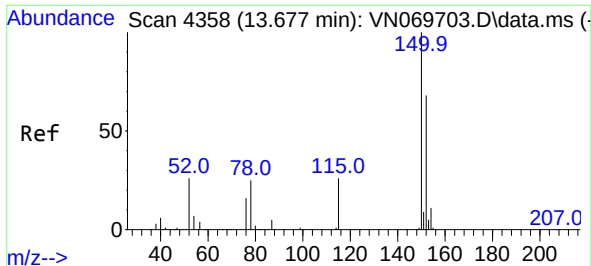
Tgt Ion:106 Resp: 751765
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8



#69
o-Xylene
Concen: 6.43 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:106 Resp: 221093
Ion Ratio Lower Upper
106 100
91 225.7 105.8 317.3

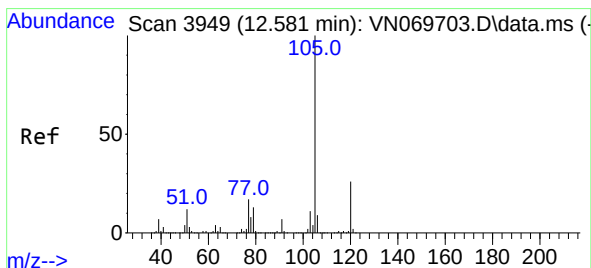
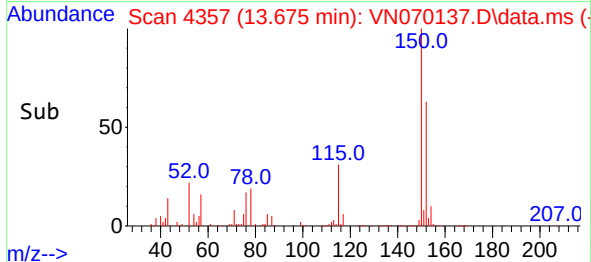
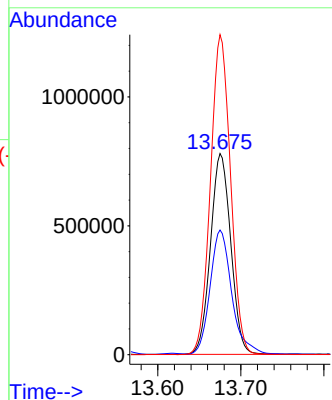
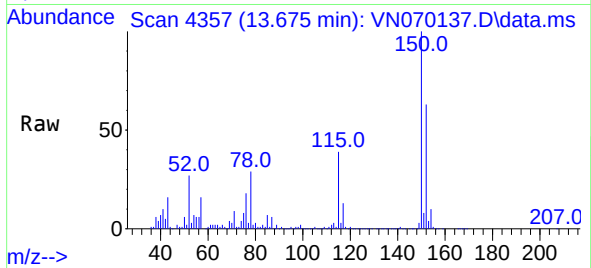




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

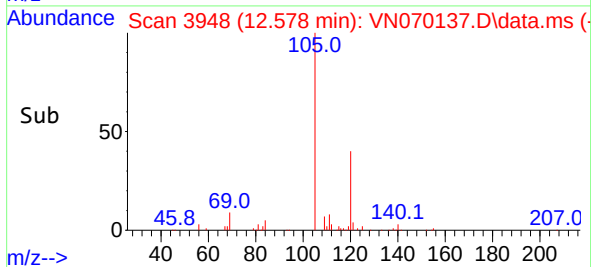
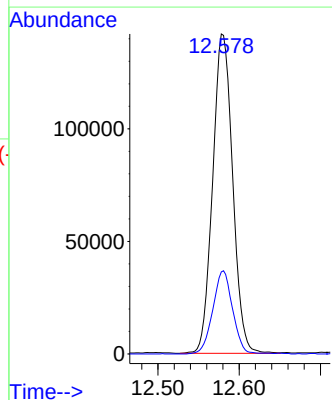
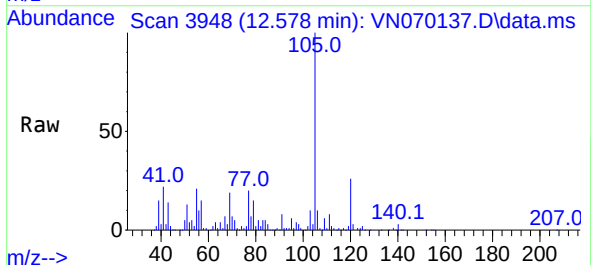
Instrument :
MSVOA_N
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HSB-3-(9.5-10)

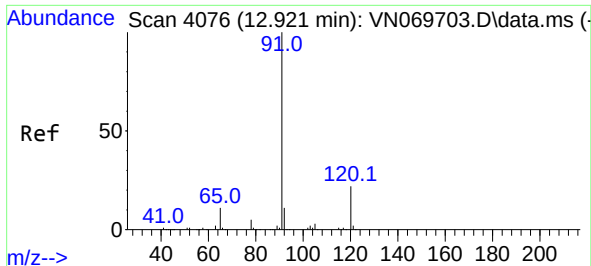
Tgt Ion:152 Resp: 1321403
Ion Ratio Lower Upper
152 100
115 65.7 27.5 82.5
150 157.5 0.0 344.4



#73
Isopropylbenzene
Concen: 2.06 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:105 Resp: 242511
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

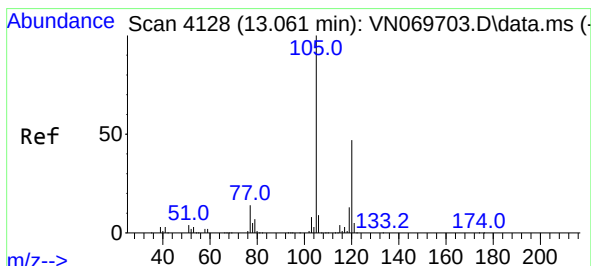
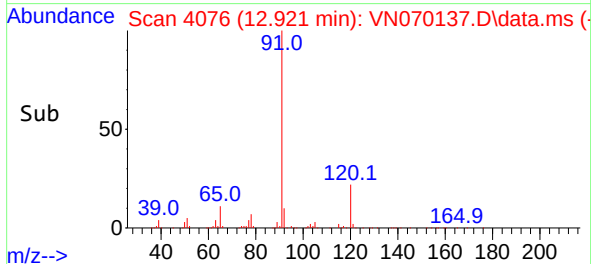
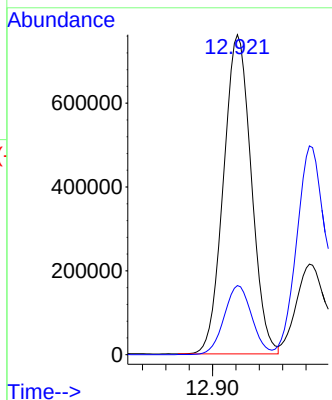
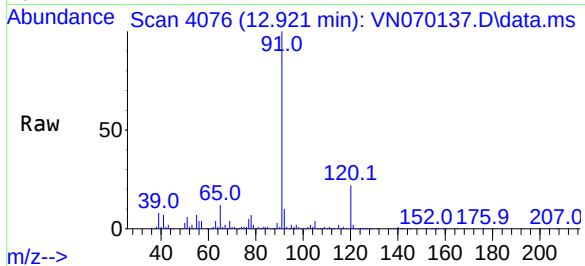




#78
n-propylbenzene
Concen: 9.61 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

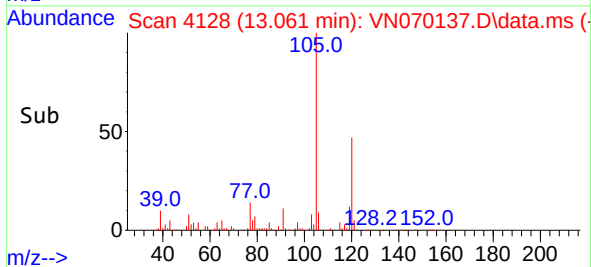
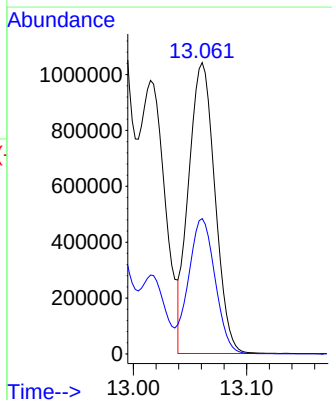
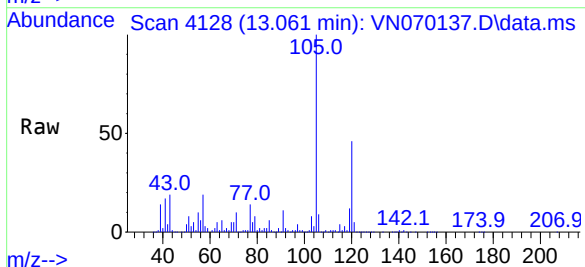
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

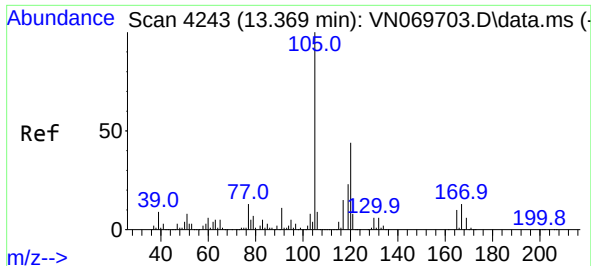
Tgt Ion: 91 Resp: 1257757
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 17.73 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 105 Resp: 1677394
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6

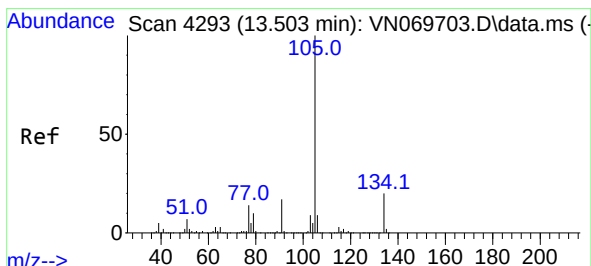
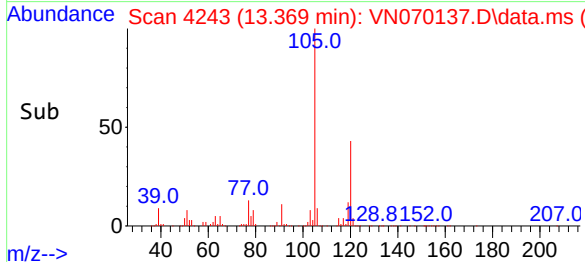
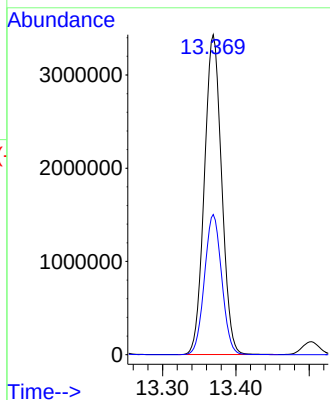
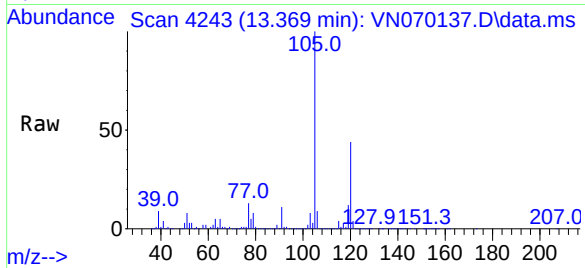




#84
1,2,4-Trimethylbenzene
Concen: 62.31 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

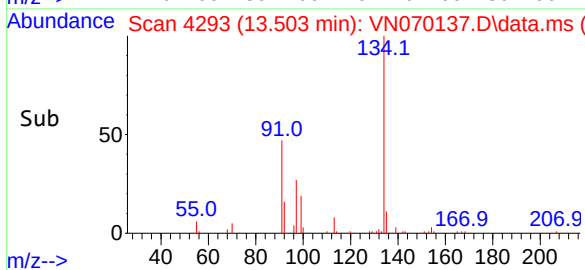
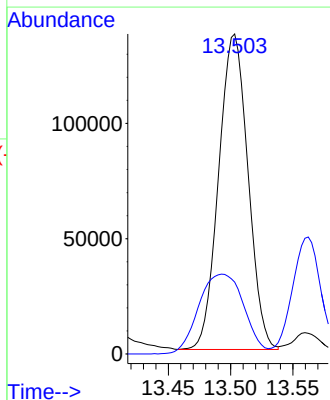
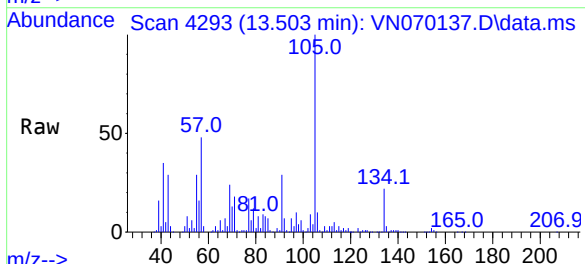
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

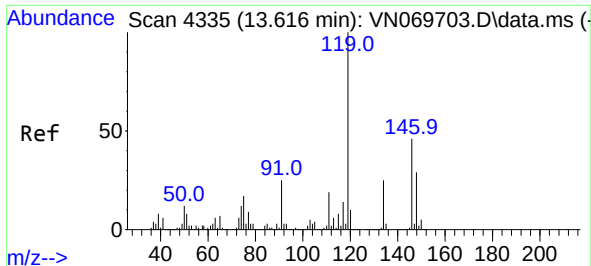
Tgt Ion:105 Resp: 5615505
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.97 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:105 Resp: 223943
Ion Ratio Lower Upper
105 100
134 38.9 10.4 31.1#

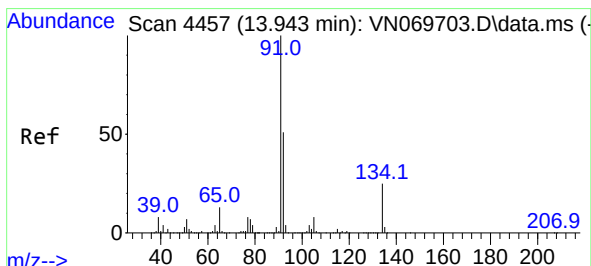
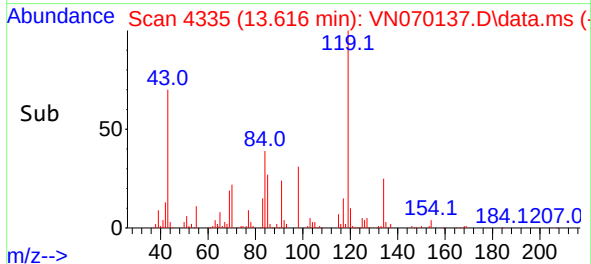
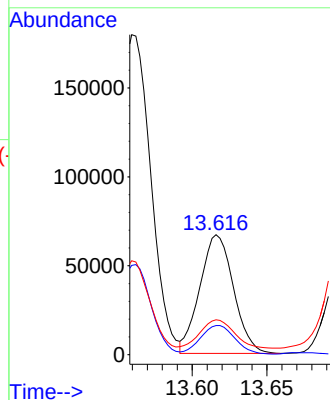
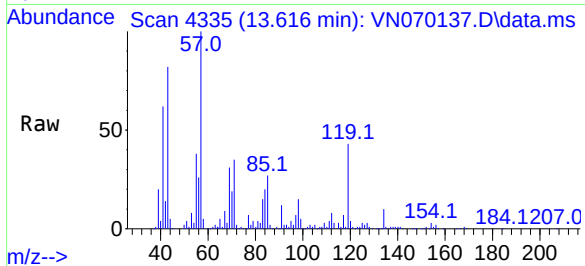




#86
p-Isopropyltoluene
Concen: 1.18 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

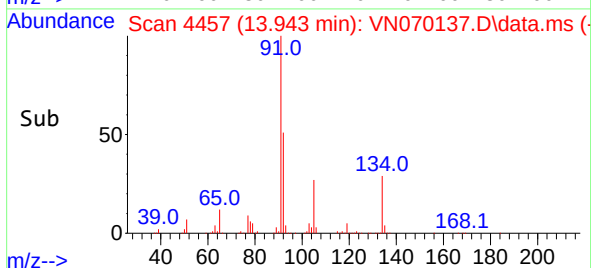
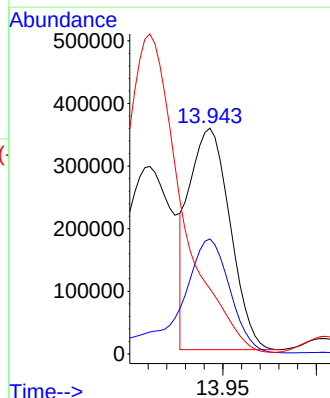
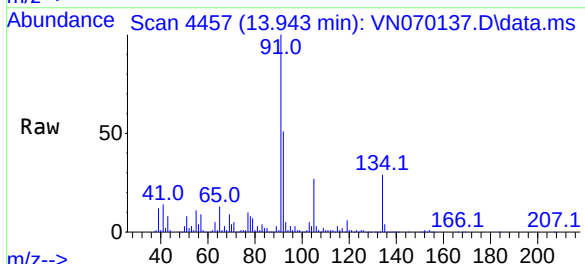
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

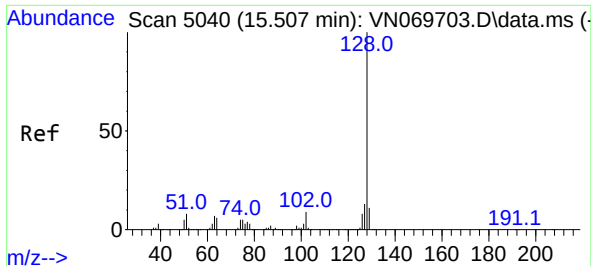
Tgt Ion:119 Resp: 104504
Ion Ratio Lower Upper
119 100
134 24.6 13.6 40.7
91 23.8 11.4 34.1



#89
n-Butylbenzene
Concen: 7.42 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

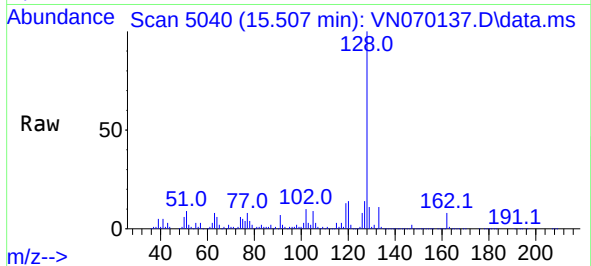
Tgt Ion: 91 Resp: 534577
Ion Ratio Lower Upper
91 100
92 62.7 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 16.17 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)



Tgt Ion:128 Resp: 855016
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.3 8.7 13.1

