

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070008.D
 Acq On : 11 Dec 2021 15:10
 Operator : JC/MD
 Sample : M4873-11
 Misc : 6.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A6-18-4.5

Quant Time: Dec 12 16:21:05 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)

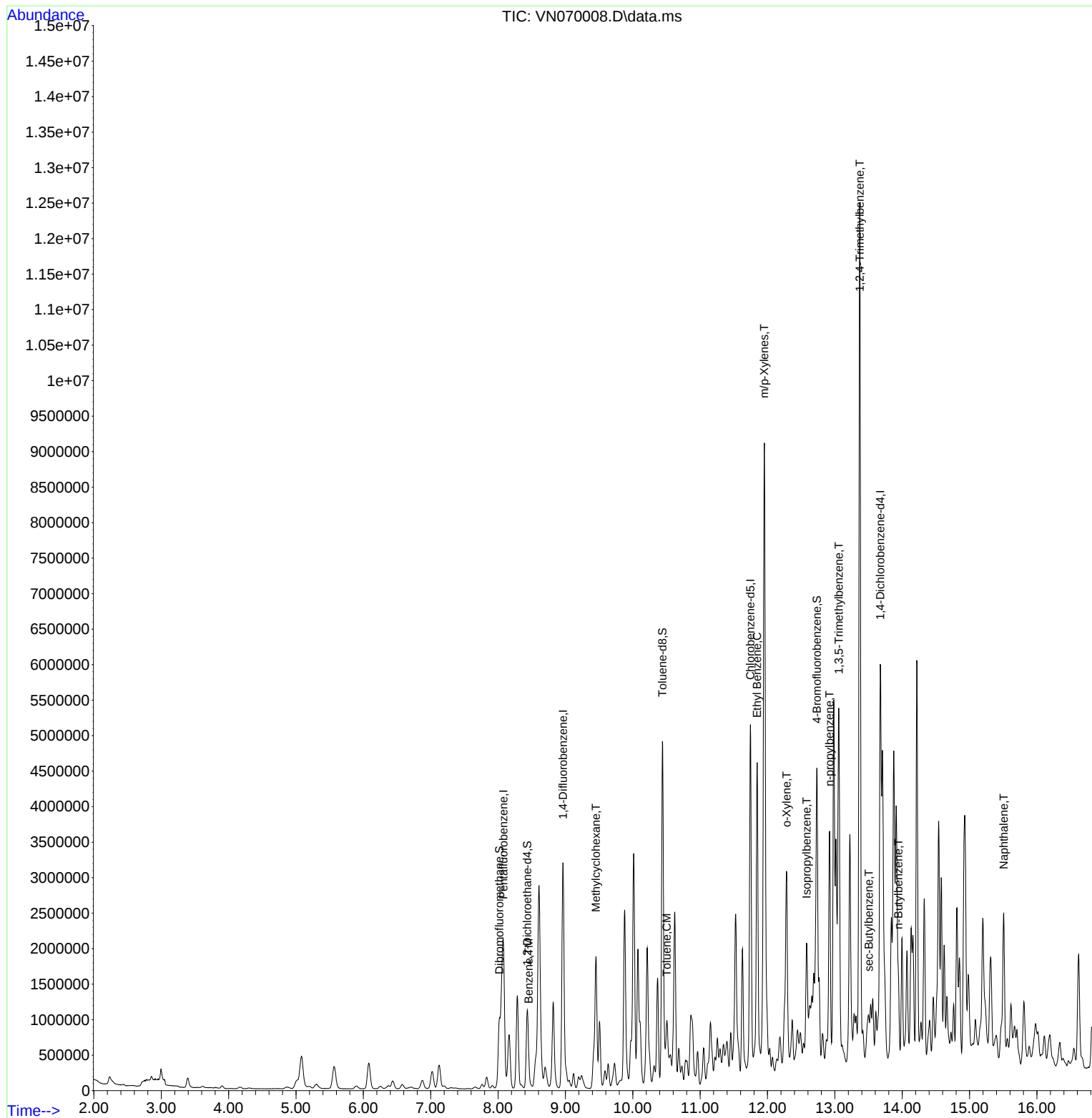
Internal Standards						
1) Pentafluorobenzene	8.080	168	1190043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2205878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2363009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1316717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	926164	50.405	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.820%	
35) Dibromofluoromethane	8.019	113	654506	47.369	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.740%	
50) Toluene-d8	10.440	98	2843436	51.251	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.734	95	1322803	65.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 131.620%	
Target Compounds						Qvalue
39) Methylcyclohexane	9.453	83	451581	18.079	ug/l #	78
40) Benzene	8.453	78	80010	1.247	ug/l	98
52) Toluene	10.505	92	330243	8.427	ug/l	100
67) Ethyl Benzene	11.846	91	2747120	31.547	ug/l	96
68) m/p-Xylenes	11.953	106	2185770	68.938	ug/l	91
69) o-Xylene	12.283	106	671481	21.025	ug/l	89
73) Isopropylbenzene	12.581	105	1065533	9.095	ug/l	98
78) n-propylbenzene	12.921	91	2402022	18.426	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	2078555	22.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	6674556	74.327	ug/l	97
85) sec-Butylbenzene	13.503	105	296496	2.618	ug/l #	61
89) n-Butylbenzene	13.943	91	591624	8.239	ug/l #	76
95) Naphthalene	15.507	128	1690781	28.166	ug/l	99

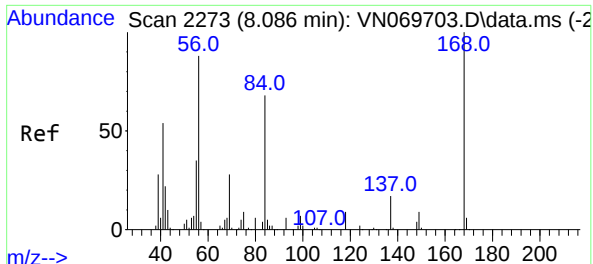
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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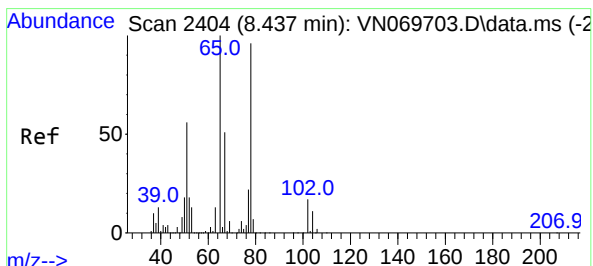
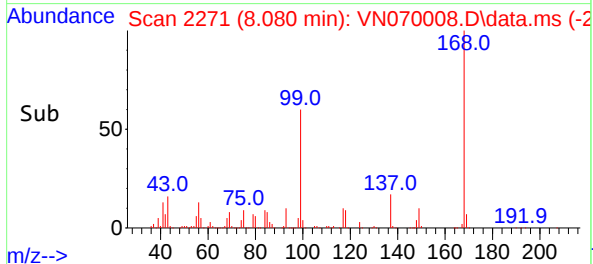
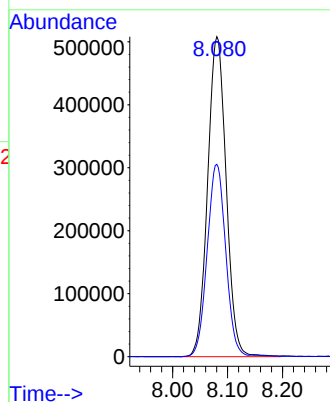
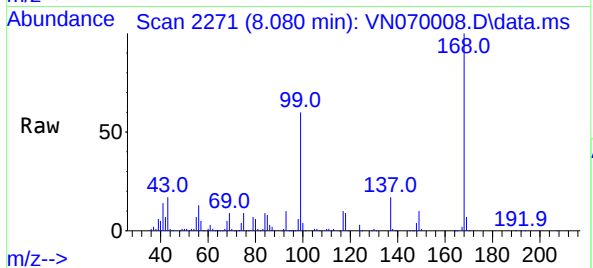




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

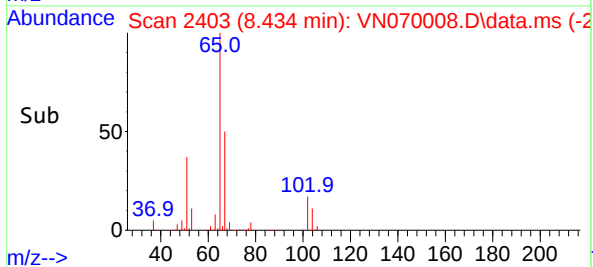
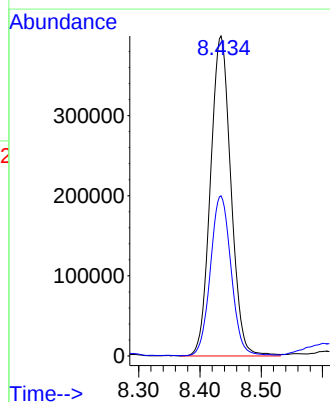
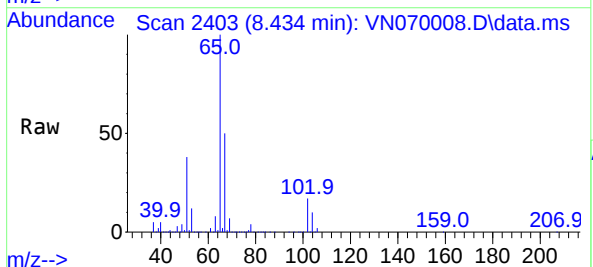
Instrument :
MSVOA_N
ClientSampleId :
A6-18-4.5

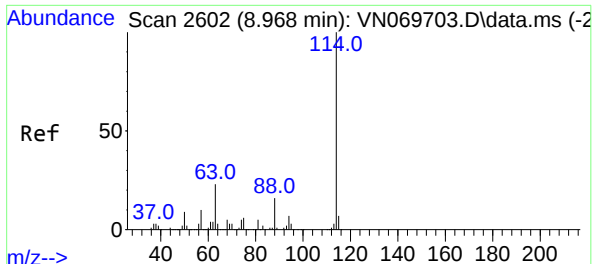
Tgt Ion:168 Resp: 1190043
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.405 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion: 65 Resp: 926164
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

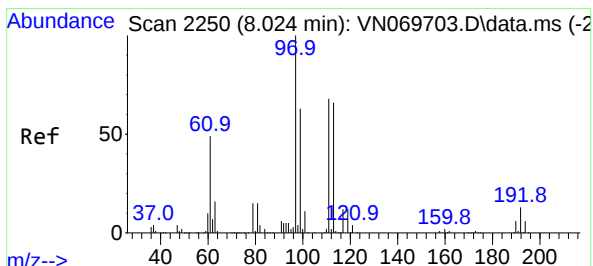
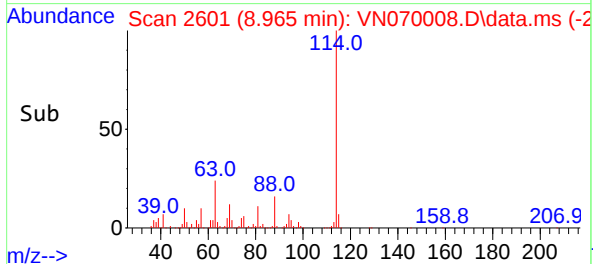
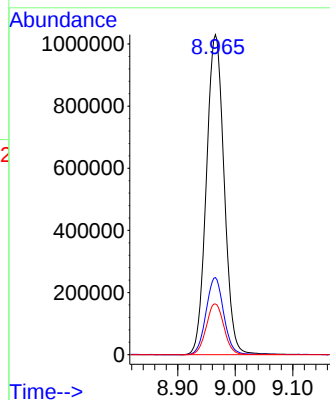
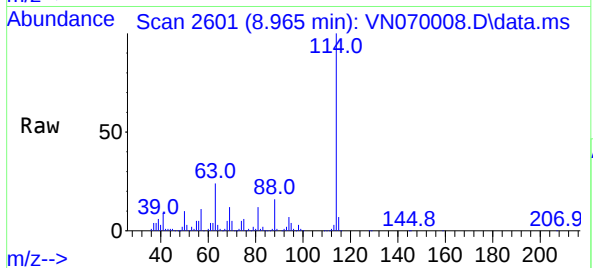




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

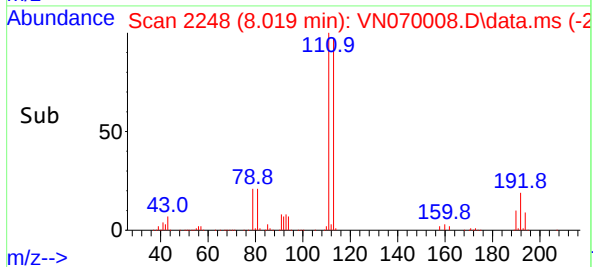
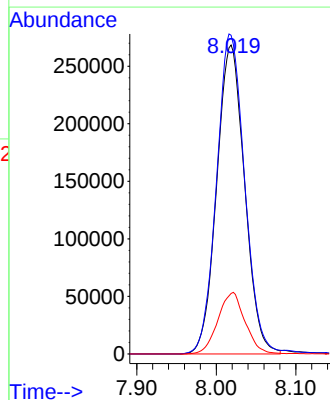
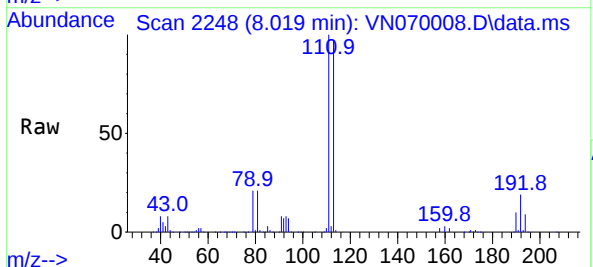
Instrument :
MSVOA_N
ClientSampleId :
A6-18-4.5

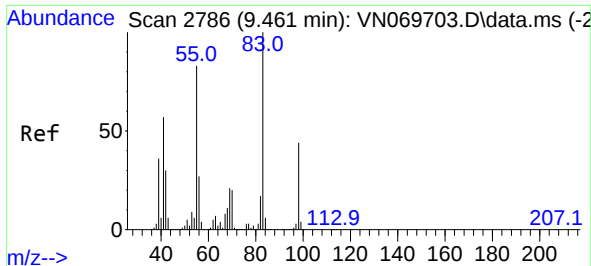
Tgt Ion:114 Resp: 2205878
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.369 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion:113 Resp: 654506
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.4 16.9 25.3





#39

Methylcyclohexane

Concen: 18.079 ug/l

RT: 9.453 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN070008.D

Acq: 11 Dec 2021 15:10

Instrument :

MSVOA_N

ClientSampleId :

A6-18-4.5

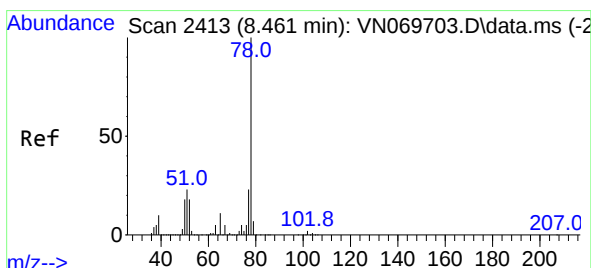
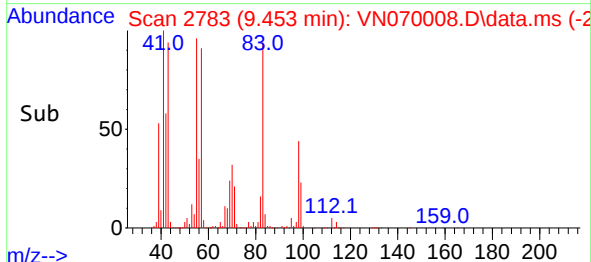
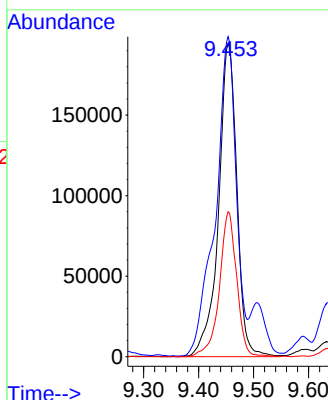
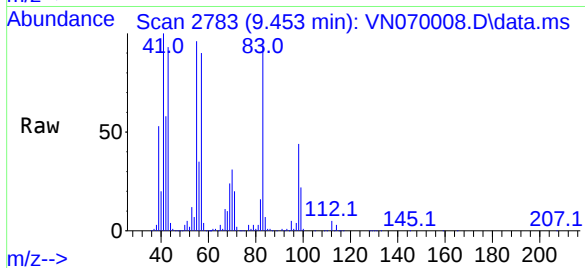
Tgt Ion: 83 Resp: 451581

Ion Ratio Lower Upper

83 100

55 102.0 58.1 87.1#

98 46.3 38.4 57.6



#40

Benzene

Concen: 1.247 ug/l

RT: 8.453 min Scan# 2410

Delta R.T. -0.008 min

Lab File: VN070008.D

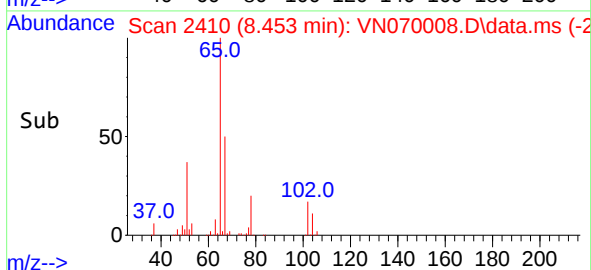
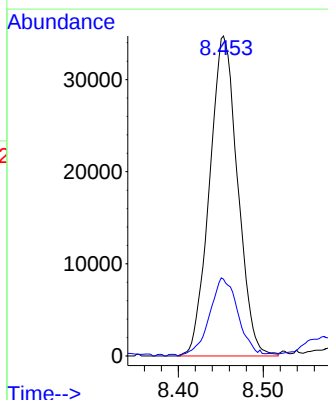
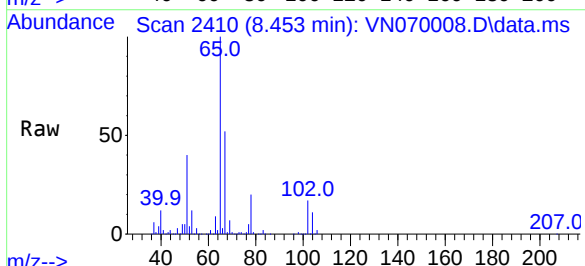
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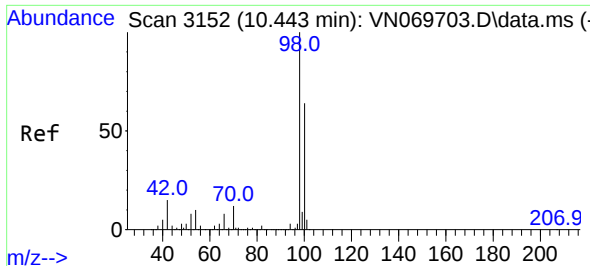
Tgt Ion: 78 Resp: 80010

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

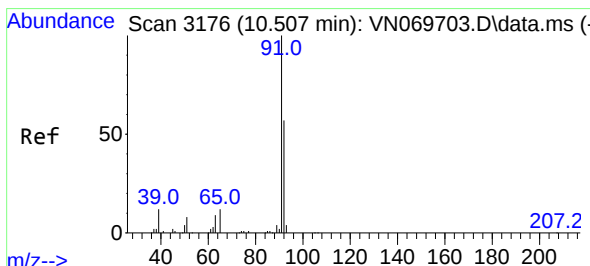
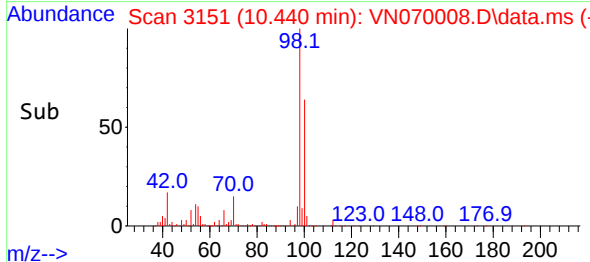
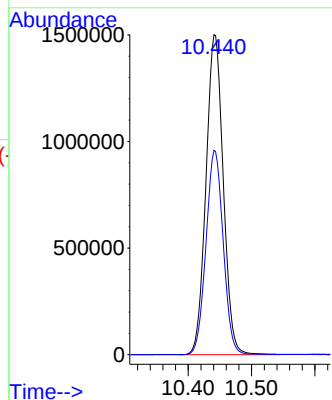
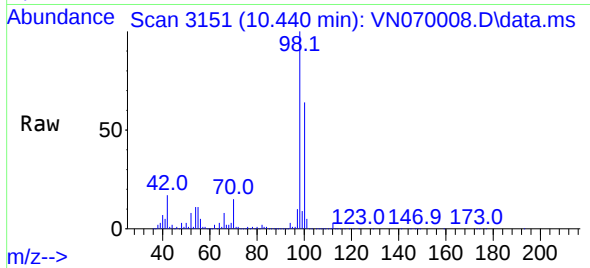




#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

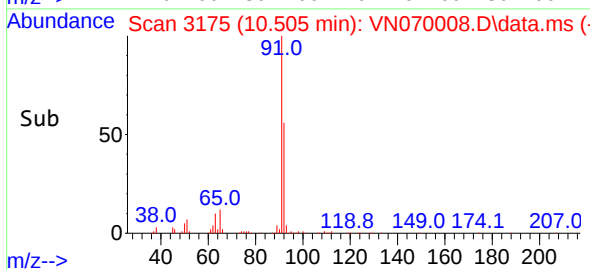
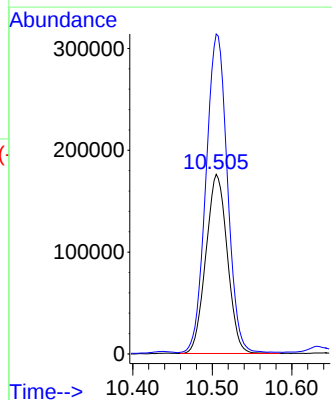
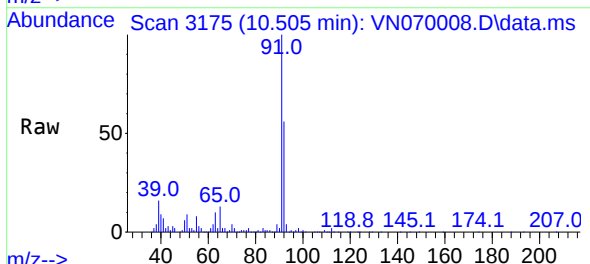
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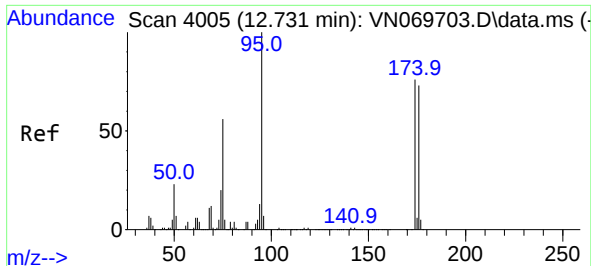
Tgt Ion: 98 Resp: 2843436
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#52
Toluene
Concen: 8.427 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion: 92 Resp: 330243
Ion Ratio Lower Upper
92 100
91 177.1 142.0 213.0

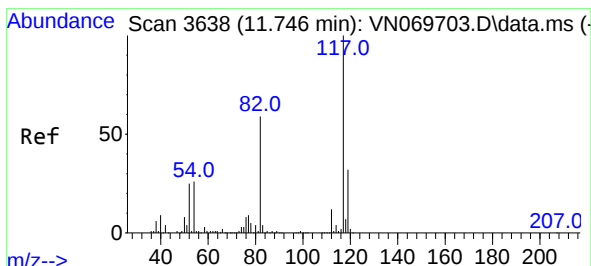
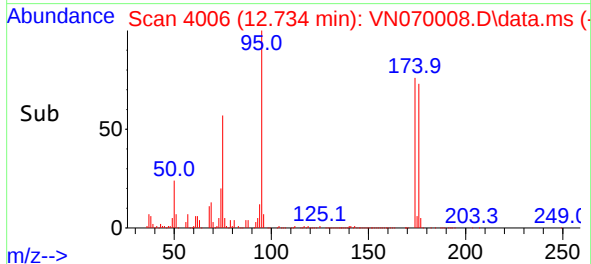
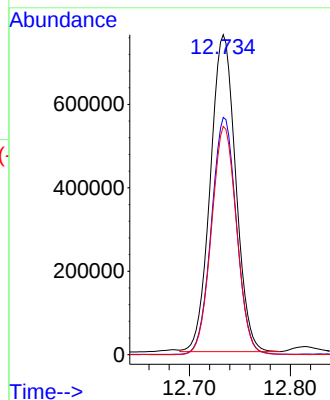
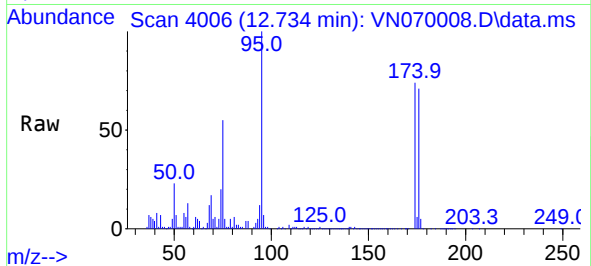




#62
4-Bromofluorobenzene
Concen: 65.813 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

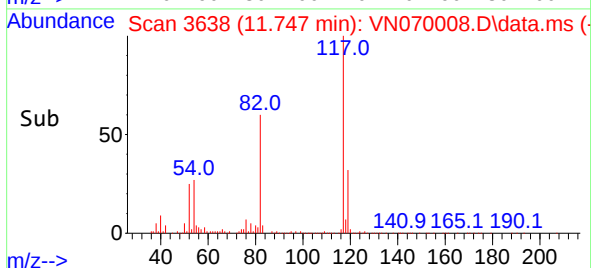
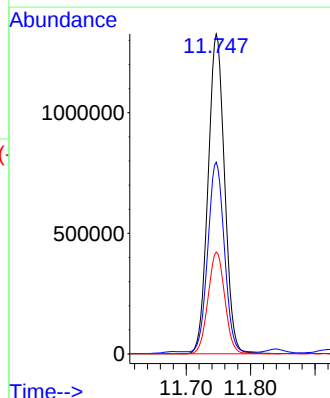
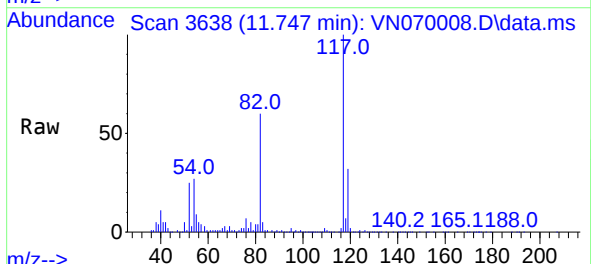
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A6-18-4.5

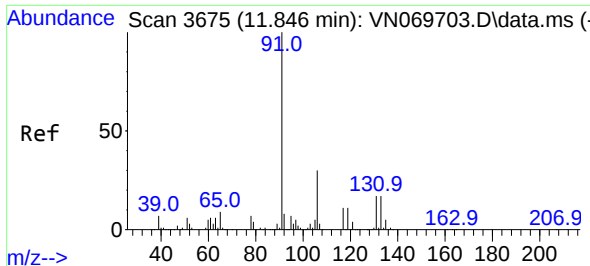
Tgt Ion: 95 Resp: 1322803
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion: 117 Resp: 2363009
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

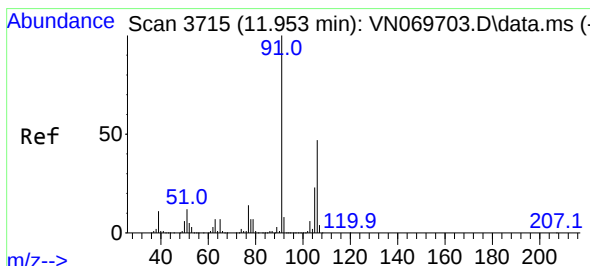
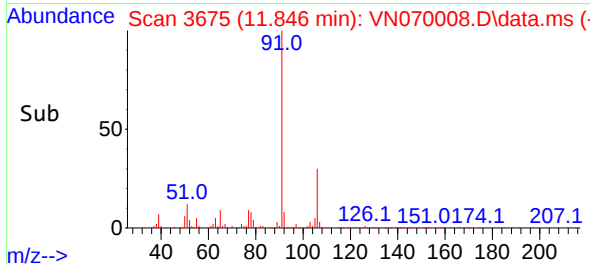
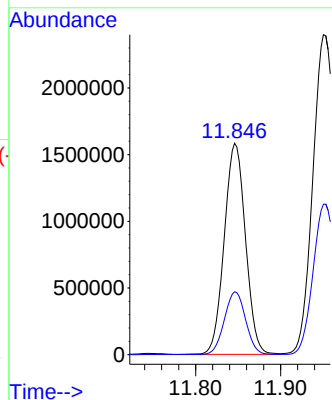
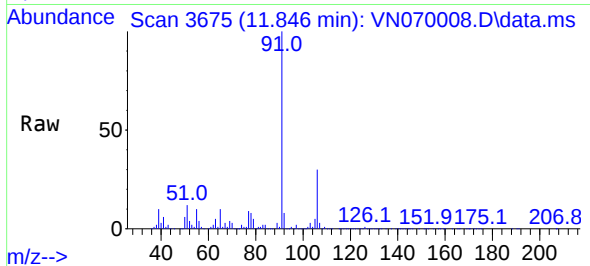




#67
Ethyl Benzene
Concen: 31.547 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

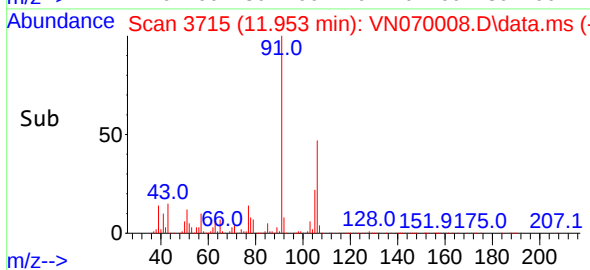
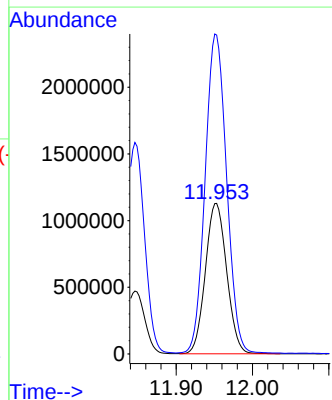
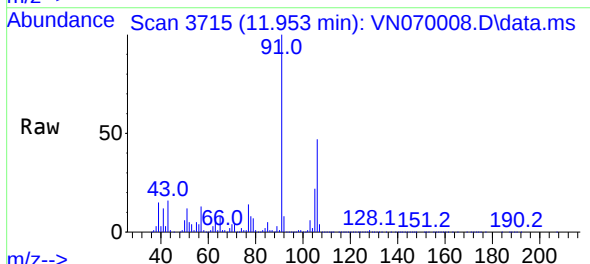
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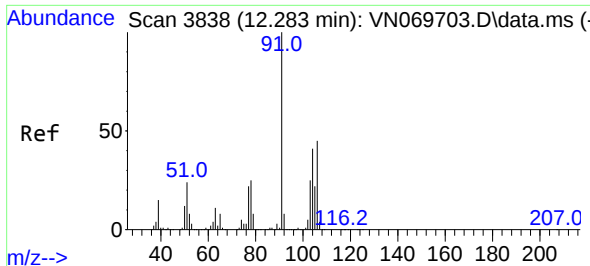
Tgt Ion: 91 Resp: 2747120
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5



#68
m/p-Xylenes
Concen: 68.938 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion: 106 Resp: 2185770
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8

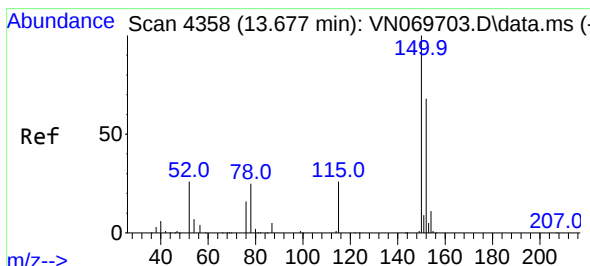
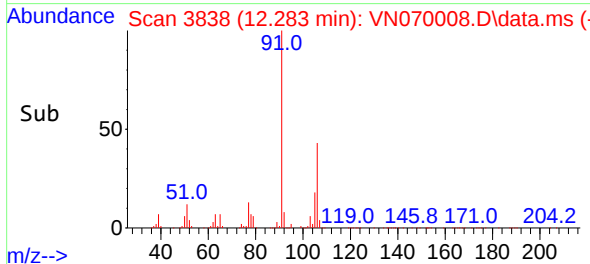
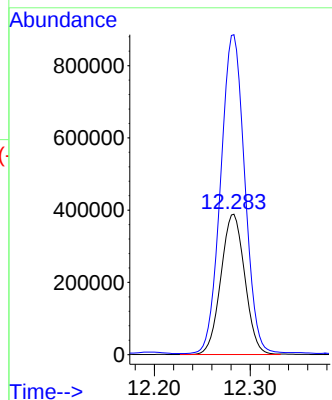
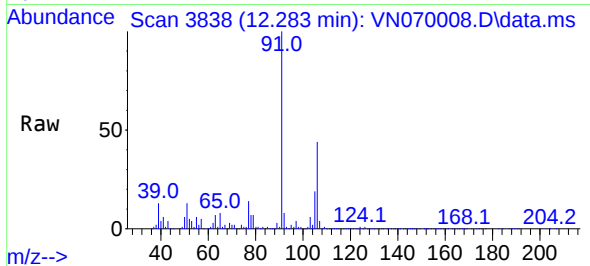




#69
o-Xylene
Concen: 21.025 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

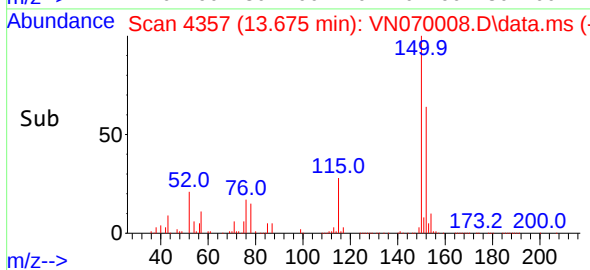
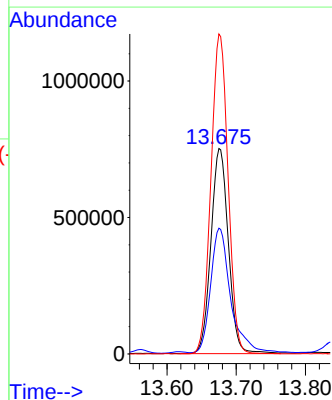
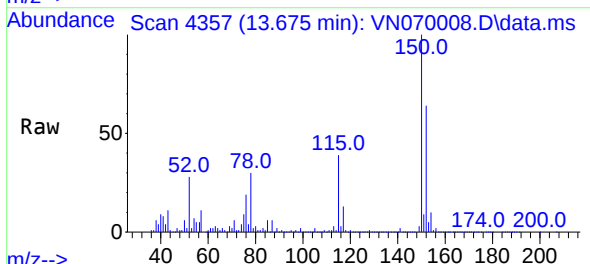
Instrument :
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ClientSampleId :
A6-18-4.5

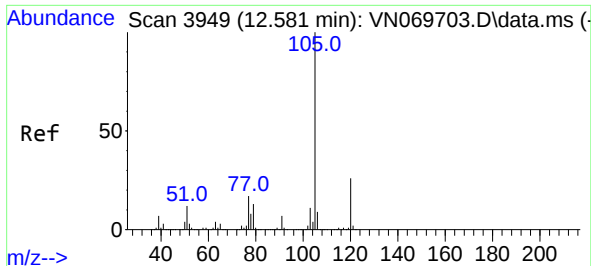
Tgt Ion:106 Resp: 671481
Ion Ratio Lower Upper
106 100
91 228.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion:152 Resp: 1316717
Ion Ratio Lower Upper
152 100
115 69.1 27.5 82.5
150 153.2 0.0 344.4

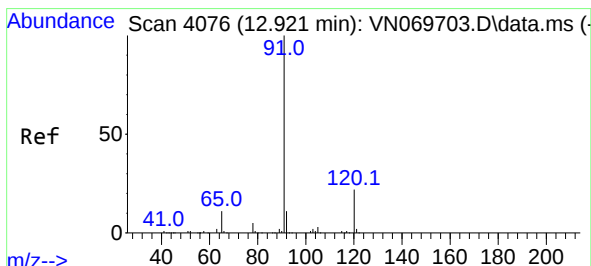
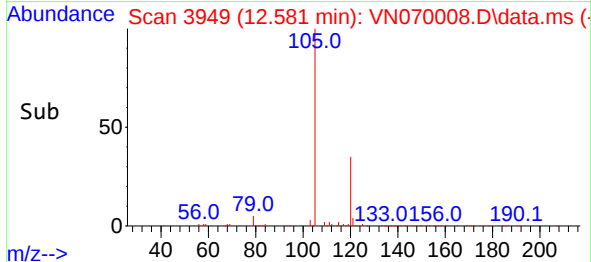
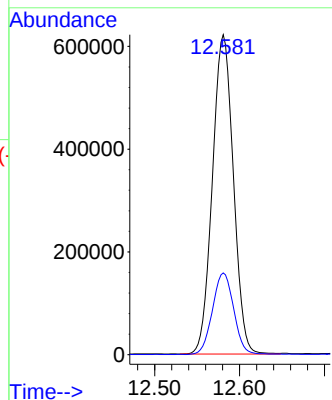
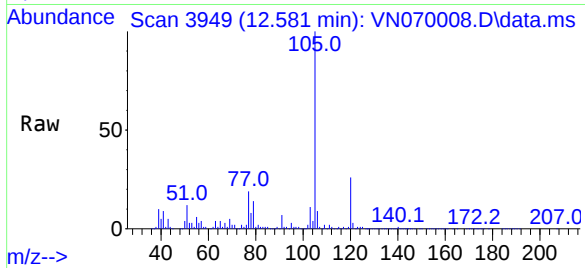




#73
Isopropylbenzene
Concen: 9.095 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

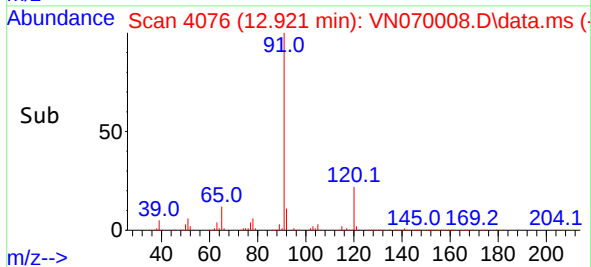
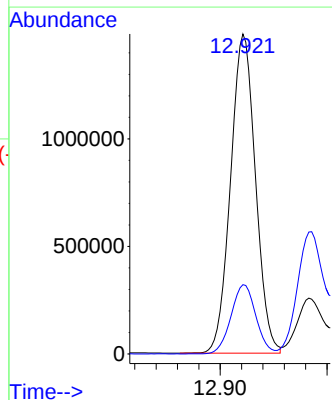
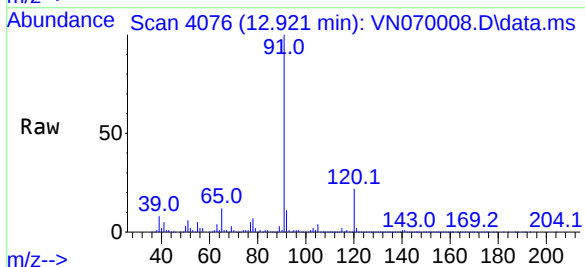
Instrument :
MSVOA_N
ClientSampleId :
A6-18-4.5

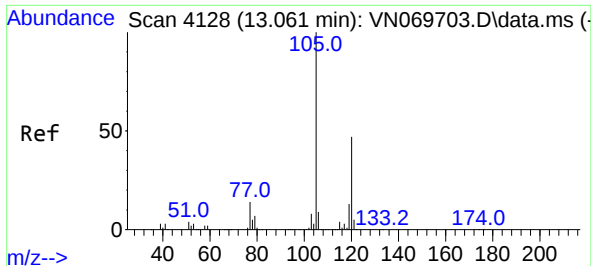
Tgt Ion:105 Resp: 1065533
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1



#78
n-propylbenzene
Concen: 18.426 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion: 91 Resp: 2402022
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

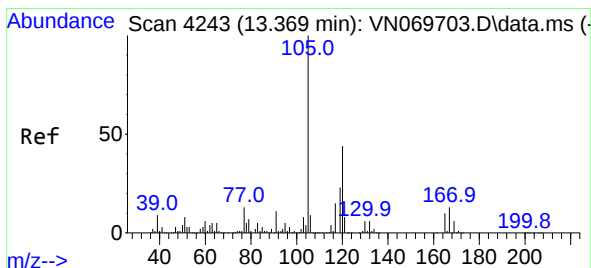
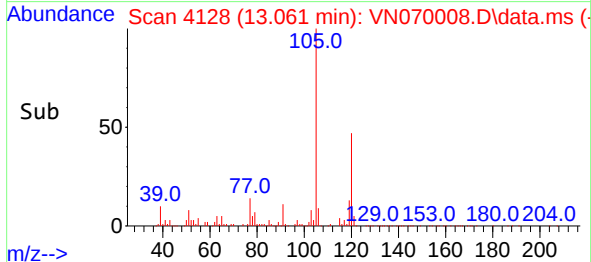
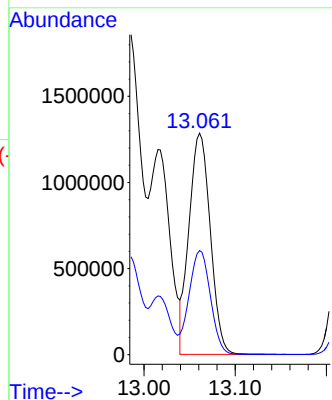
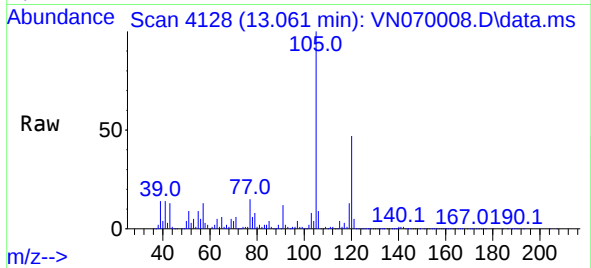




#80
1,3,5-Trimethylbenzene
Concen: 22.044 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

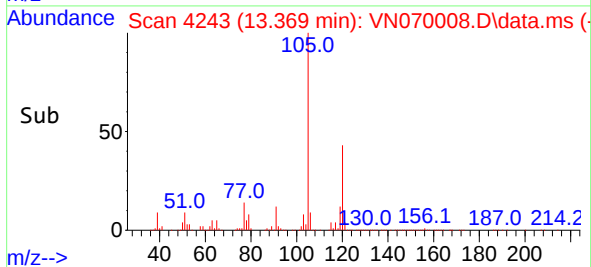
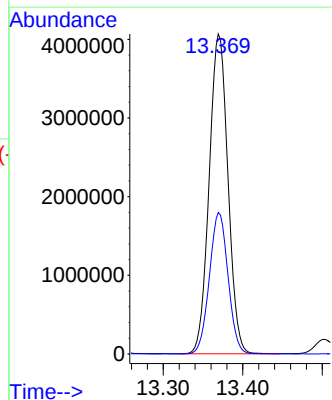
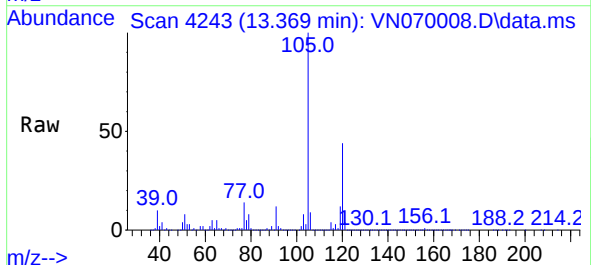
Instrument :
MSVOA_N
ClientSampleId :
A6-18-4.5

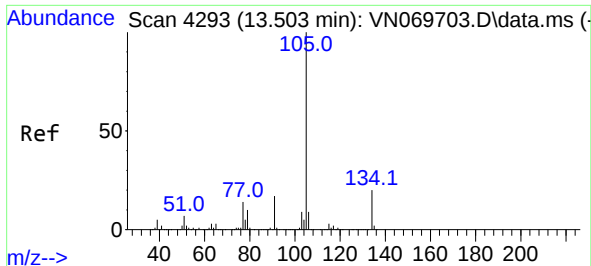
Tgt Ion:105 Resp: 2078555
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 74.327 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070008.D
Acq: 11 Dec 2021 15:10

Tgt Ion:105 Resp: 6674556
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4

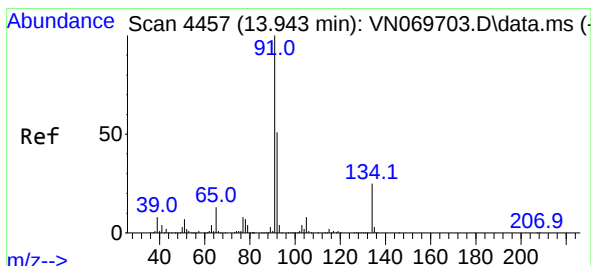
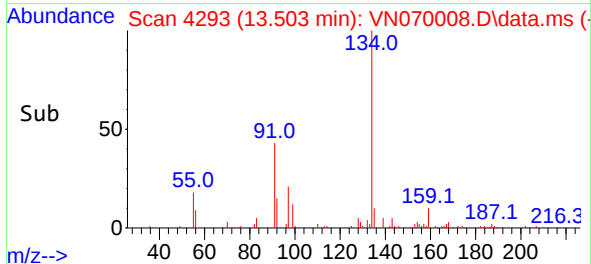
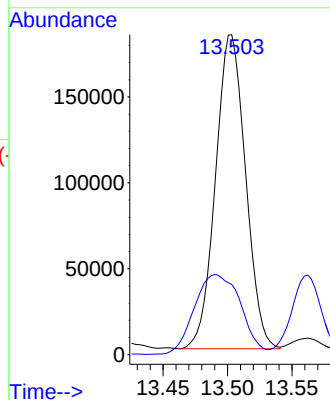
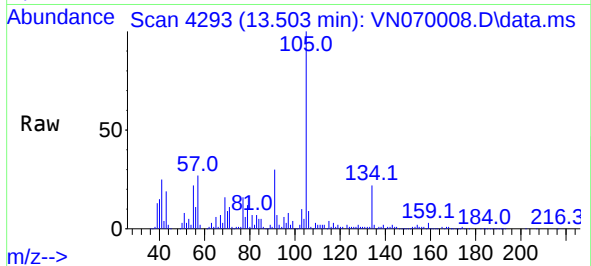




#85
 sec-Butylbenzene
 Concen: 2.618 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070008.D
 Acq: 11 Dec 2021 15:10

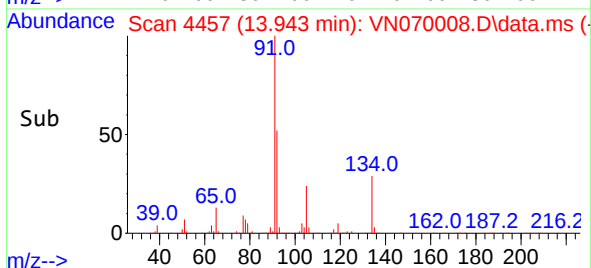
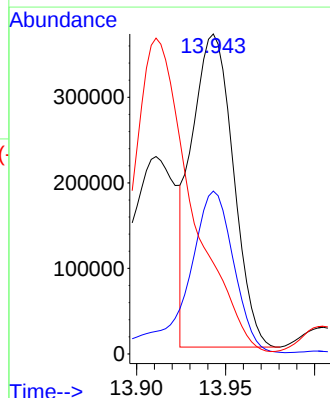
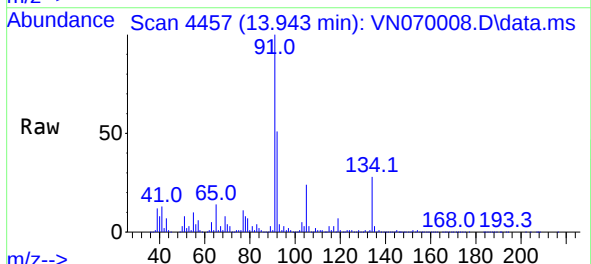
Instrument :
 MSVOA_N
 ClientSampleId :
 A6-18-4.5

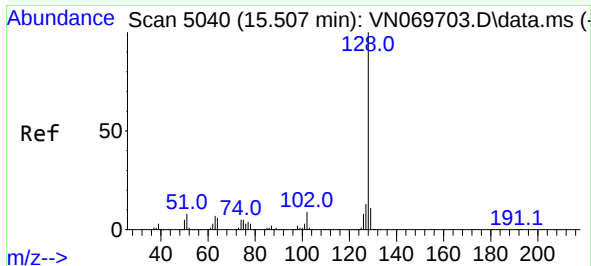
Tgt Ion:105 Resp: 296496
 Ion Ratio Lower Upper
 105 100
 134 39.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 8.239 ug/l
 RT: 13.943 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: VN070008.D
 Acq: 11 Dec 2021 15:10

Tgt Ion: 91 Resp: 591624
 Ion Ratio Lower Upper
 91 100
 92 56.8 25.4 76.0
 134 0.0 13.6 40.8#





#95

Naphthalene

Concen: 28.166 ug/l

RT: 15.507 min Scan# 50

Delta R.T. -0.000 min

Lab File: VN070008.D

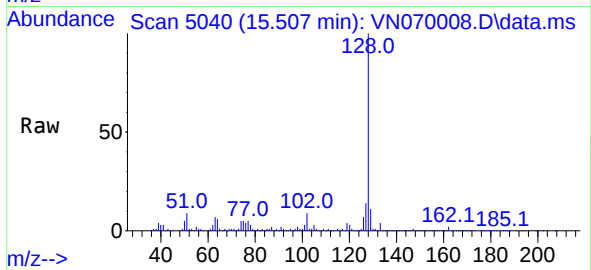
Acq: 11 Dec 2021 15:10

Instrument :

MSVOA_N

ClientSampleId :

A6-18-4.5



Tgt Ion:128 Resp: 1690781

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.6 8.7 13.1

