

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070237.D
 Acq On : 20 Dec 2021 13:46
 Operator : JC/MD
 Sample : M5044-21 10X
 Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-21-4.5

Quant Time: Dec 21 03:31:20 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)

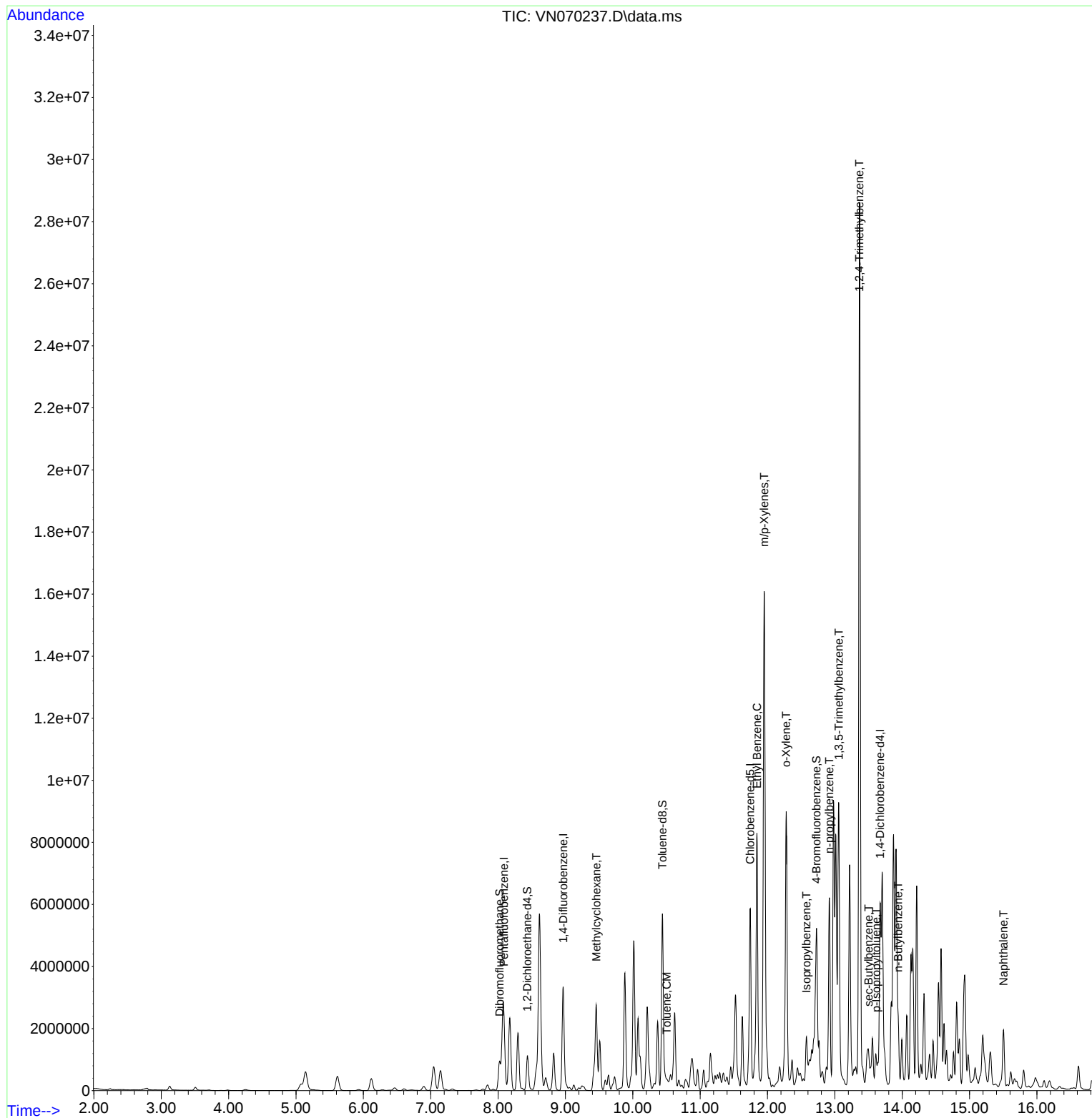
Internal Standards						
1) Pentafluorobenzene	8.085	168	1258452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2355449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2986163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1393000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	944529	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	8.021	113	675520	45.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.58%		
50) Toluene-d8	10.440	98	3249166	54.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.70%		
62) 4-Bromofluorobenzene	12.728	95	1606098	74.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	149.66%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.459	83	639374	23.97	ug/l #	78
52) Toluene	10.505	92	102199	2.44	ug/l	99
67) Ethyl Benzene	11.843	91	5616398	51.04	ug/l	97
68) m/p-Xylenes	11.950	106	4415173	110.19	ug/l	92
69) o-Xylene	12.277	106	2260430	56.01	ug/l	91
73) Isopropylbenzene	12.575	105	974380	7.86	ug/l	98
78) n-propylbenzene	12.918	91	4729016	34.29	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	4284301	42.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.364	105	15234902	160.36	ug/l	98
85) sec-Butylbenzene	13.500	105	580057	4.84	ug/l #	57
86) p-Isopropyltoluene	13.613	119	244468	2.61	ug/l	95
89) n-Butylbenzene	13.940	91	1002574	13.20	ug/l #	72
95) Naphthalene	15.504	128	1594344	25.54	ug/l	99

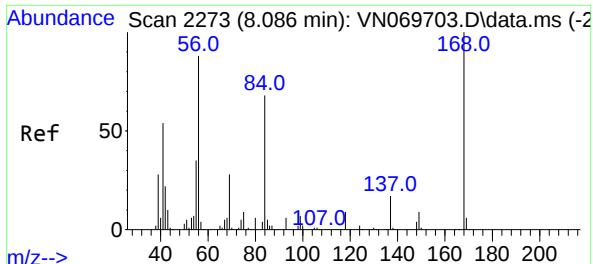
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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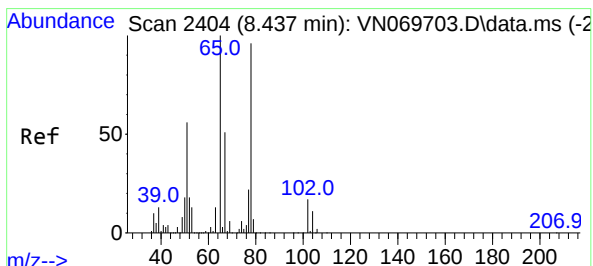
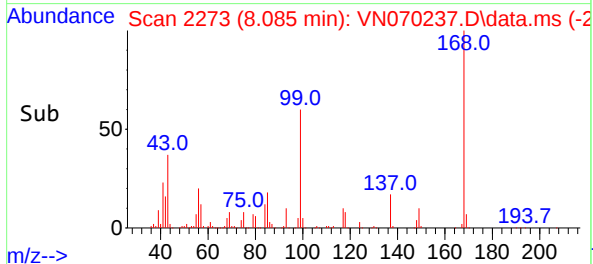
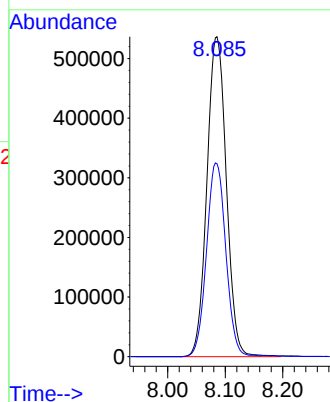
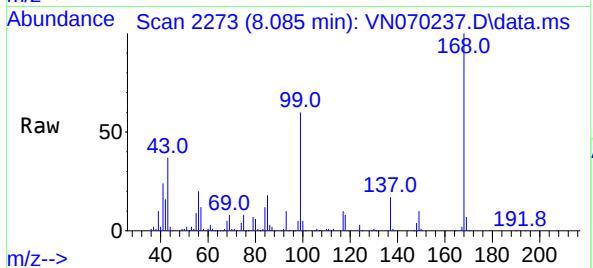




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

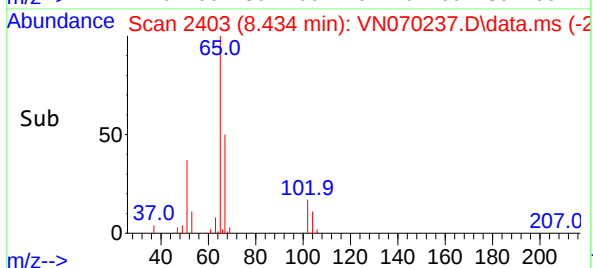
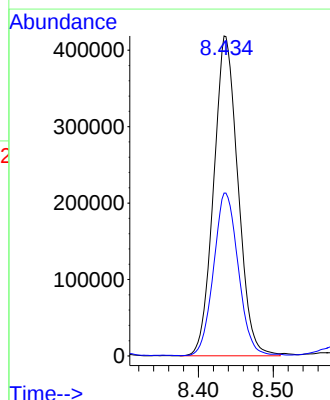
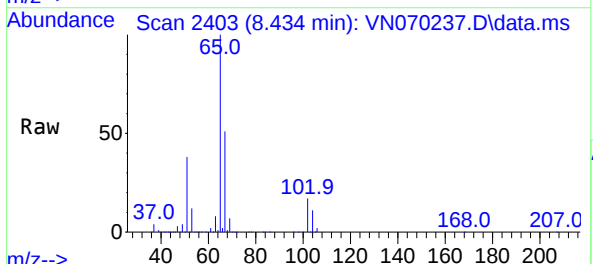
Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

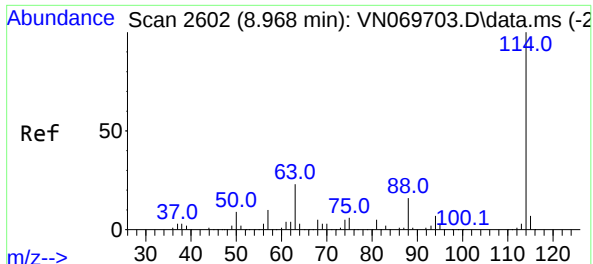
Tgt Ion:168 Resp: 1258452
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.61 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 65 Resp: 944529
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

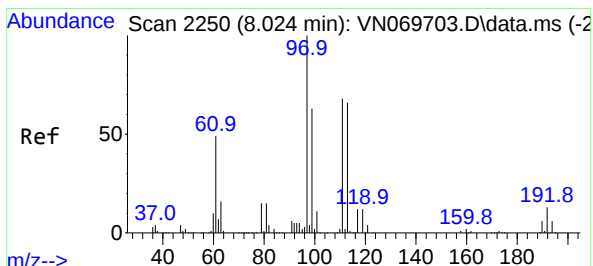
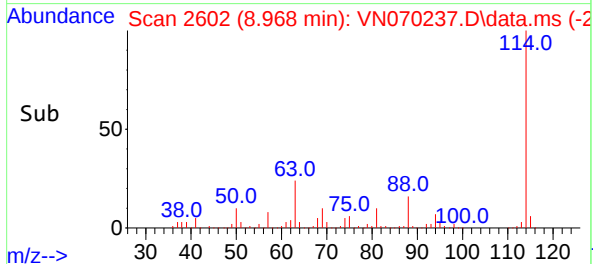
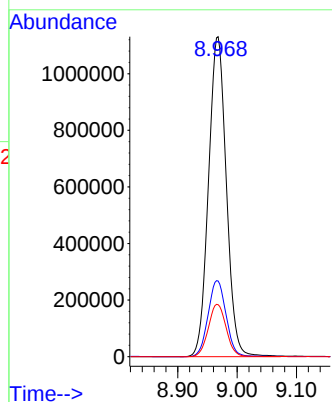
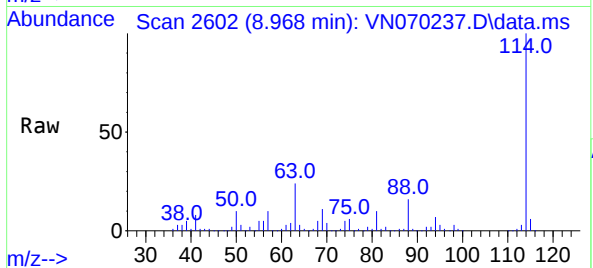




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

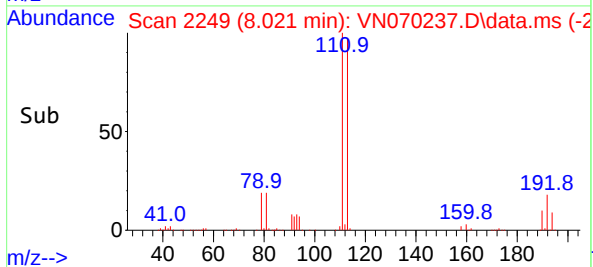
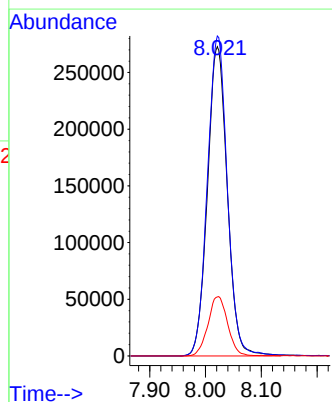
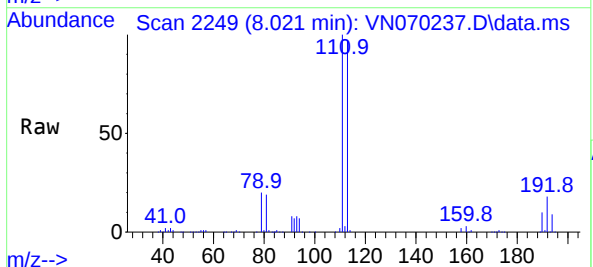
Instrument :
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ClientSampleId :
DA-21-4.5

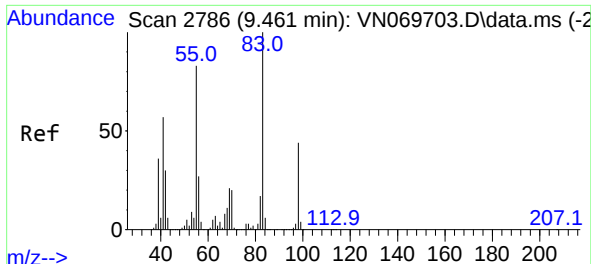
Tgt Ion:114 Resp: 2355449
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.79 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:113 Resp: 675520
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3





#39

Methylcyclohexane

Concen: 23.97 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

DA-21-4.5

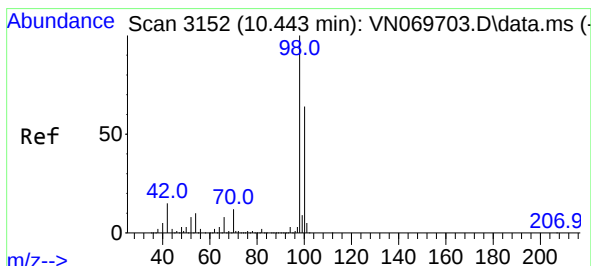
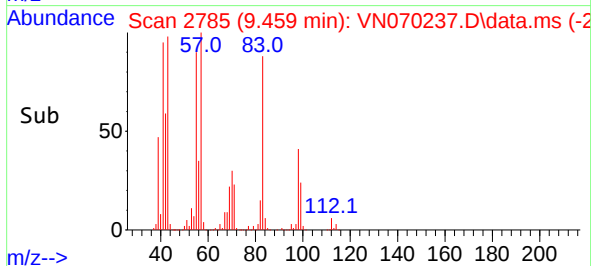
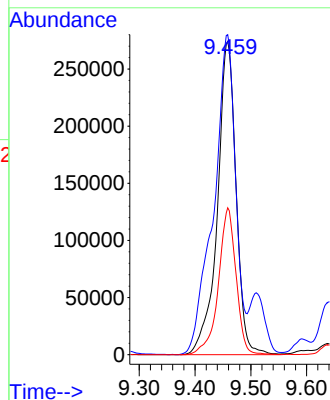
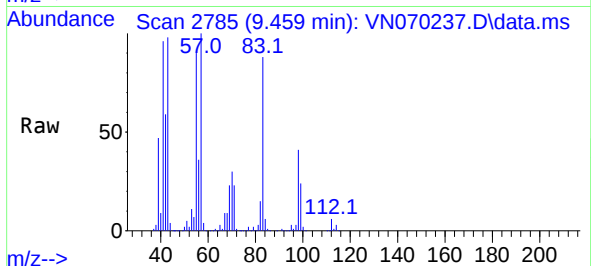
Tgt Ion: 83 Resp: 639374

Ion Ratio Lower Upper

83 100

55 102.2 58.1 87.1#

98 47.0 38.4 57.6



#50

Toluene-d8

Concen: 54.85 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070237.D

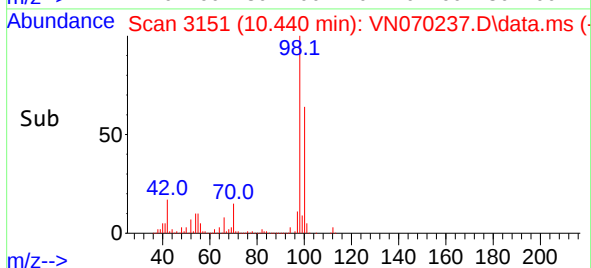
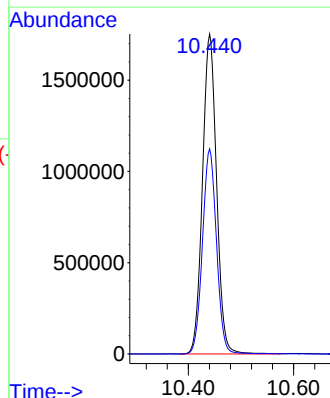
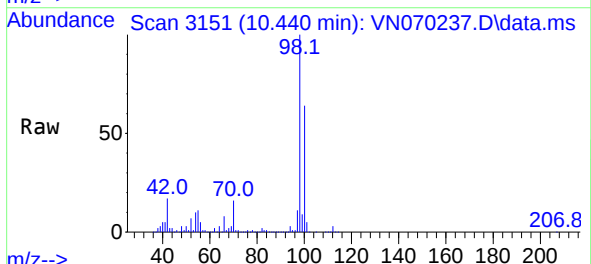
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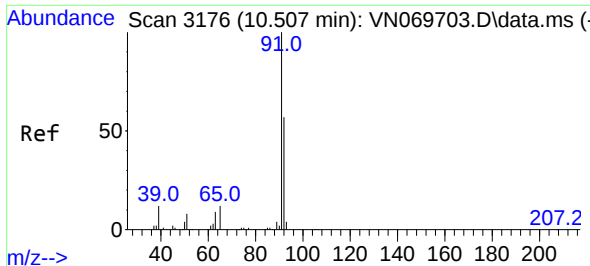
Tgt Ion: 98 Resp: 3249166

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6

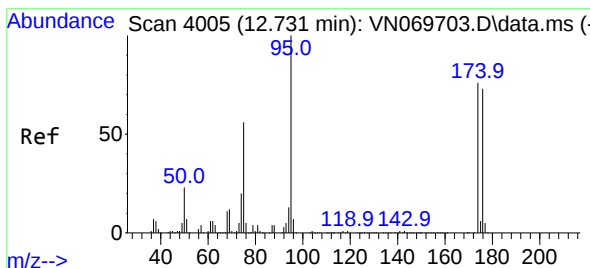
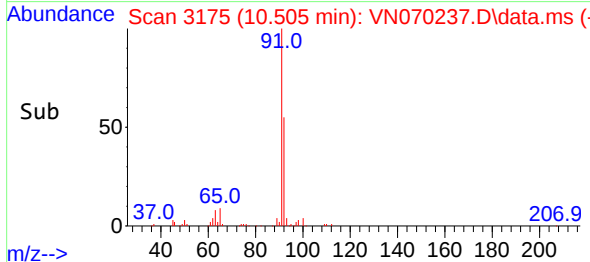
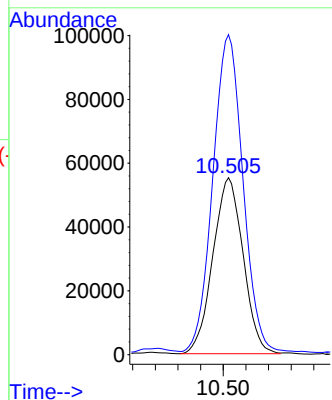
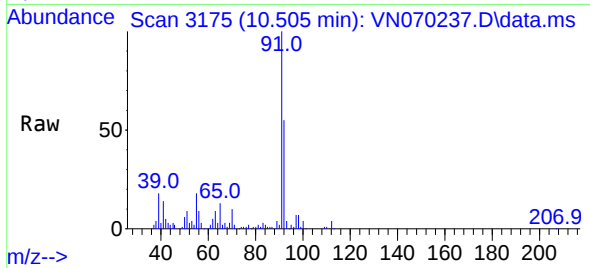




#52
Toluene
Concen: 2.44 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

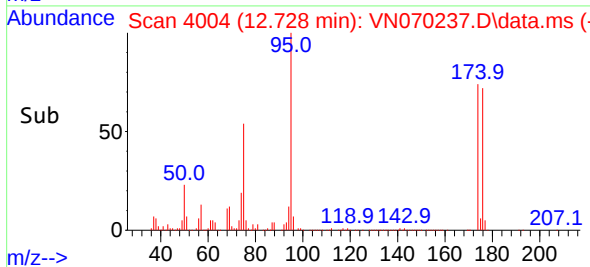
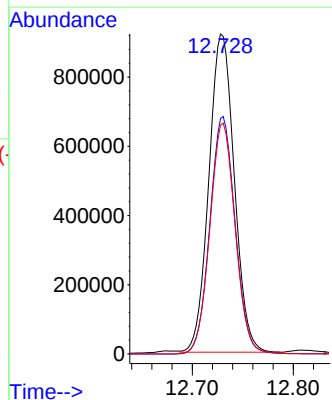
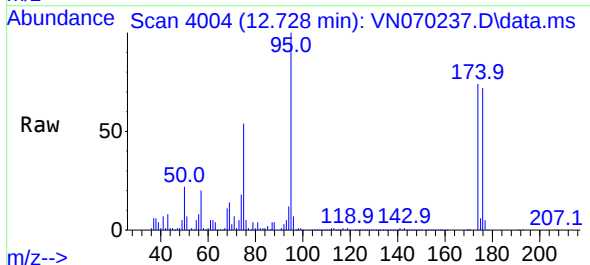
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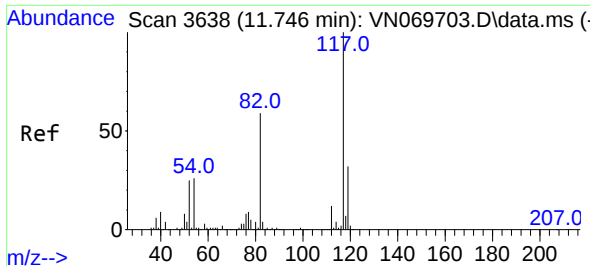
Tgt Ion: 92 Resp: 102199
Ion Ratio Lower Upper
92 100
91 179.3 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 74.83 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 95 Resp: 1606098
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.3 0.0 181.4

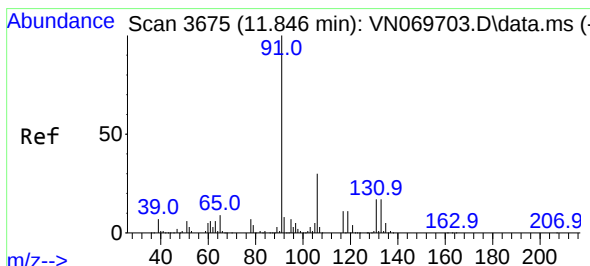
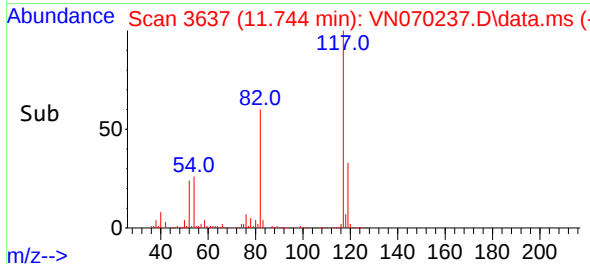
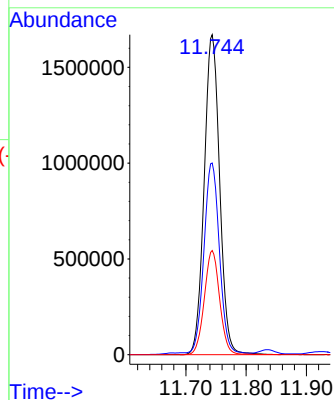
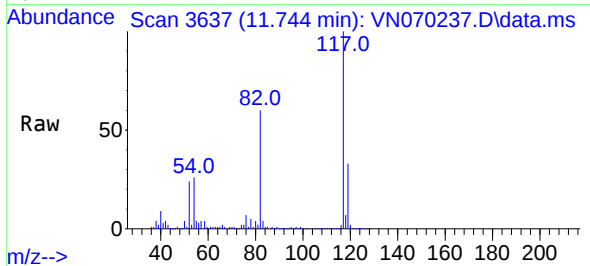




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

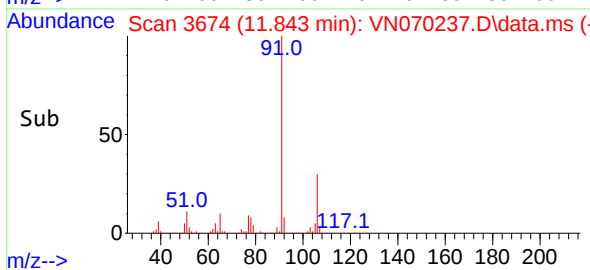
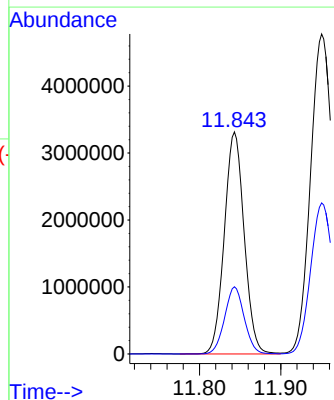
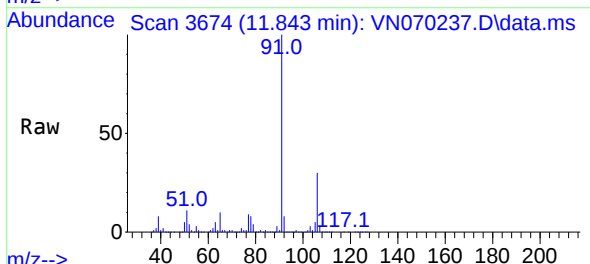
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DA-21-4.5

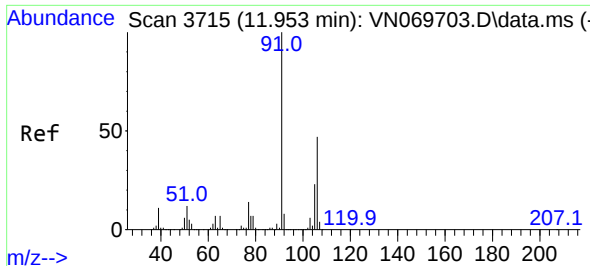
Tgt Ion:117 Resp: 2986163
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.6 25.4 38.2



#67
Ethyl Benzene
Concen: 51.04 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 91 Resp: 5616398
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

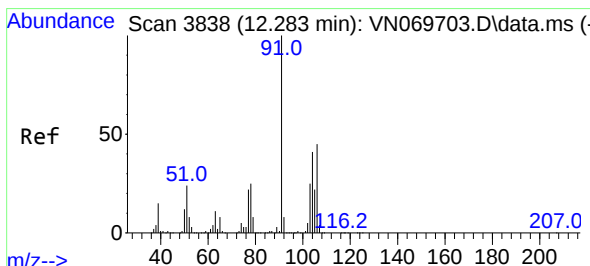
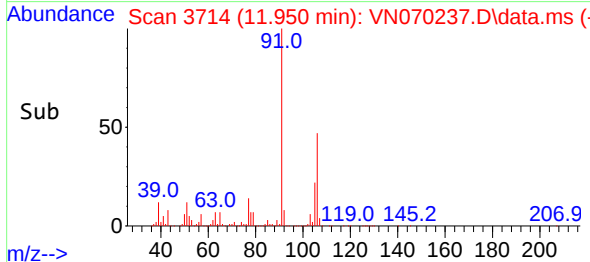
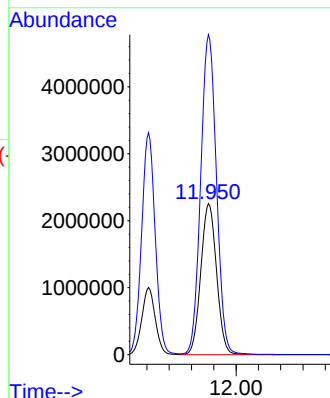
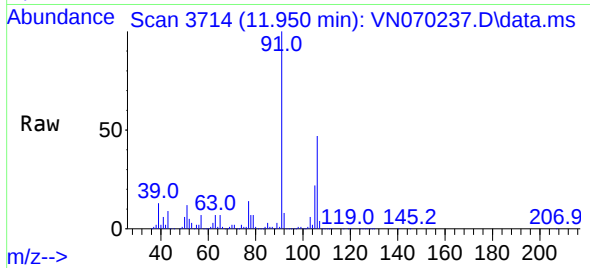




#68
m/p-Xylenes
Concen: 110.19 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

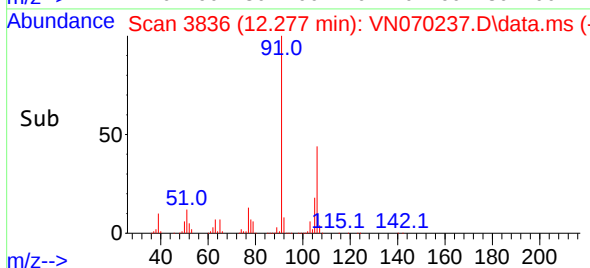
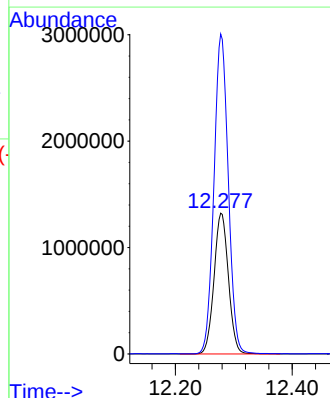
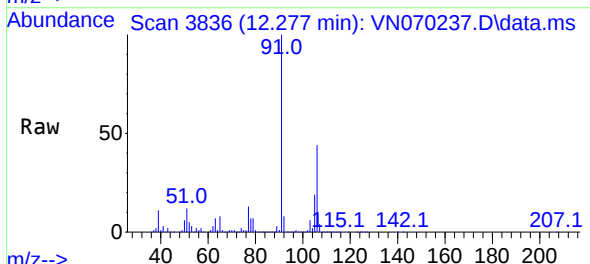
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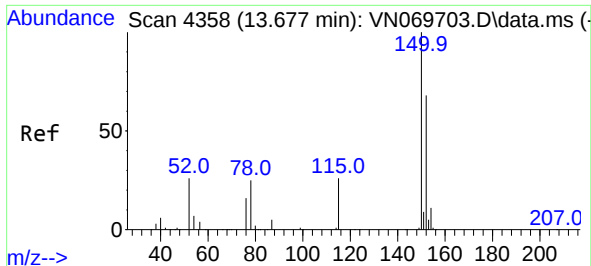
Tgt Ion:106 Resp: 4415173
Ion Ratio Lower Upper
106 100
91 212.1 160.6 240.8



#69
o-Xylene
Concen: 56.01 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:106 Resp: 2260430
Ion Ratio Lower Upper
106 100
91 226.0 105.8 317.3

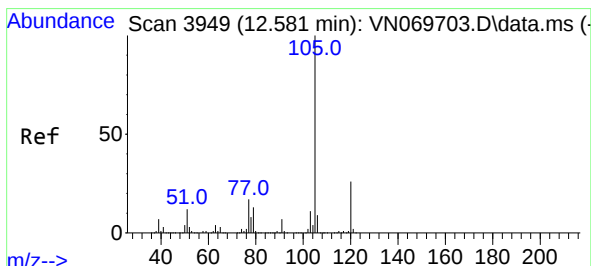
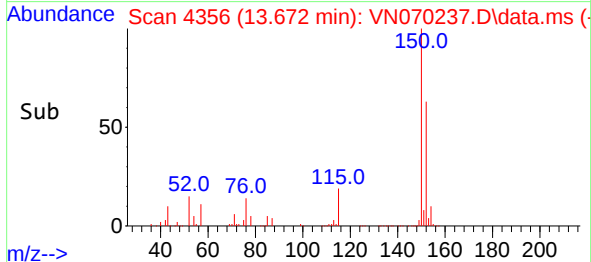
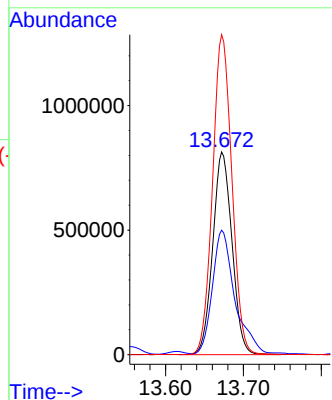
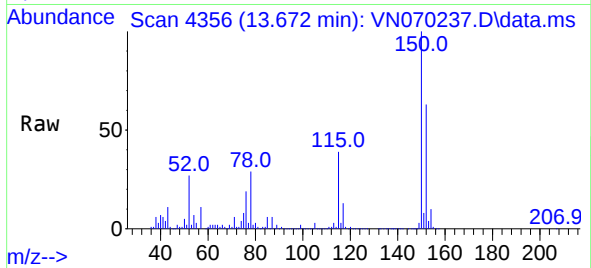




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

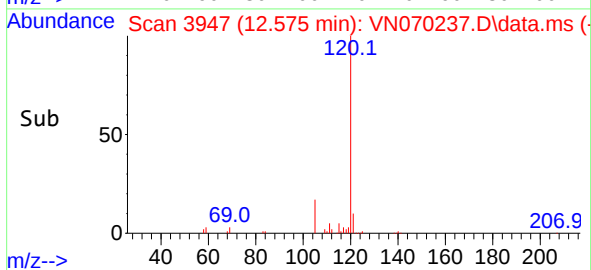
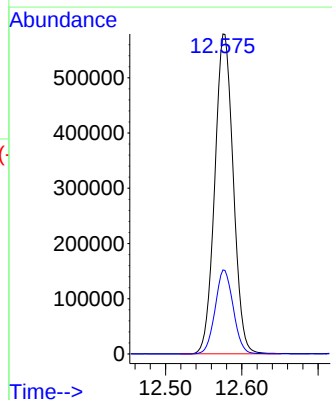
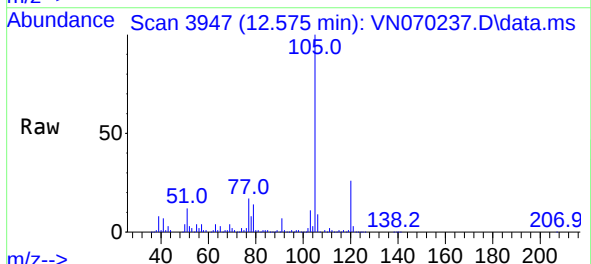
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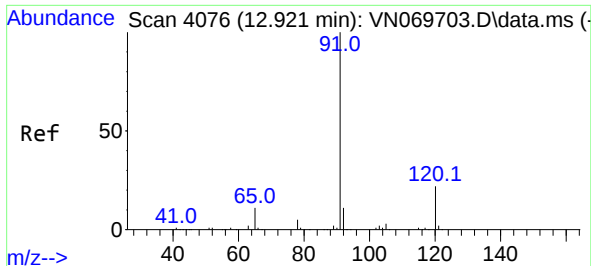
Tgt Ion:152 Resp: 1393000
Ion Ratio Lower Upper
152 100
115 73.0 27.5 82.5
150 158.5 0.0 344.4



#73
Isopropylbenzene
Concen: 7.86 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:105 Resp: 974380
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

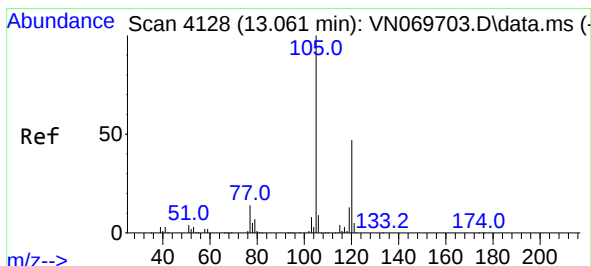
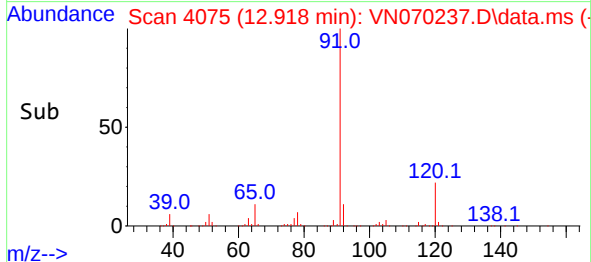
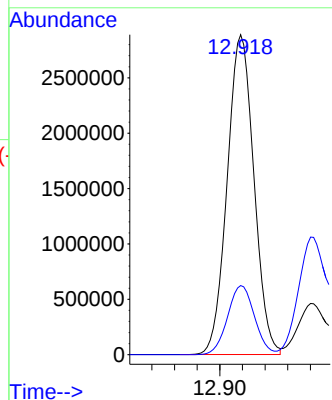
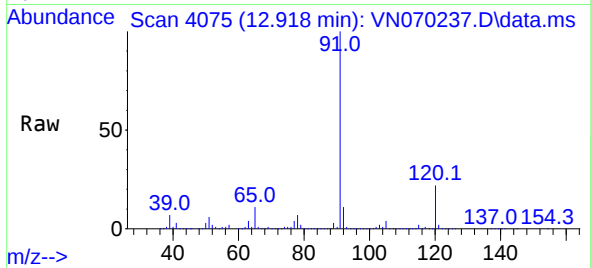




#78
n-propylbenzene
Concen: 34.29 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

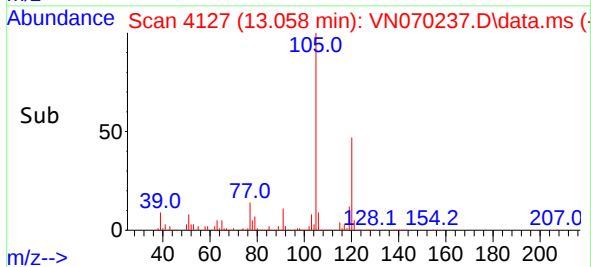
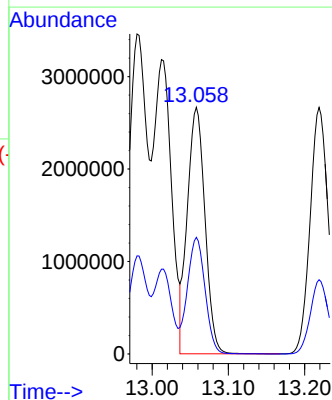
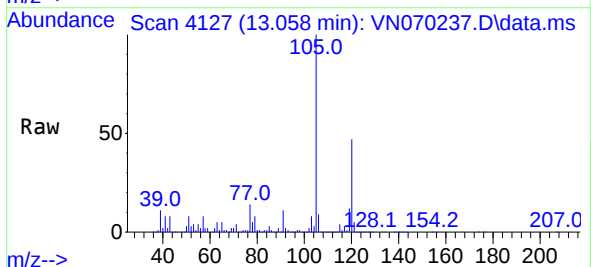
Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

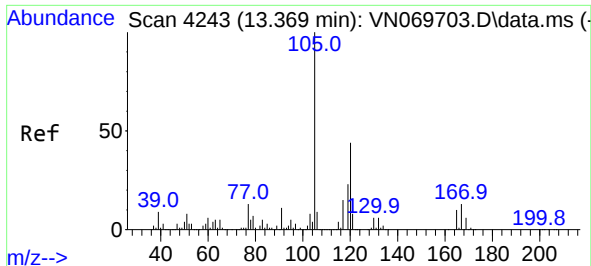
Tgt Ion: 91 Resp: 4729016
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 42.95 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 105 Resp: 4284301
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6

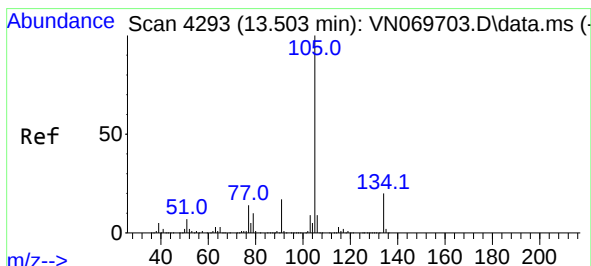
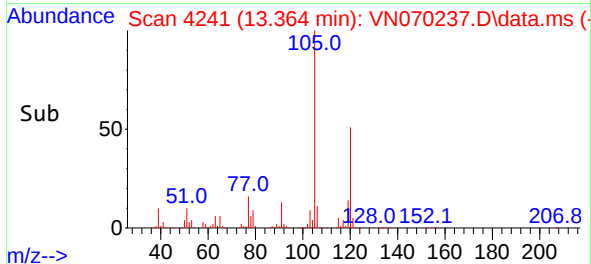
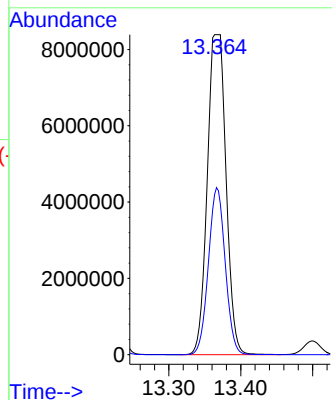
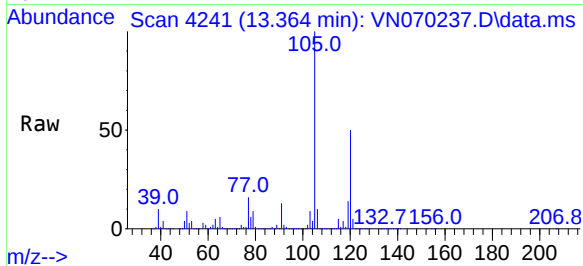




#84
1,2,4-Trimethylbenzene
Concen: 160.36 ug/l
RT: 13.364 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

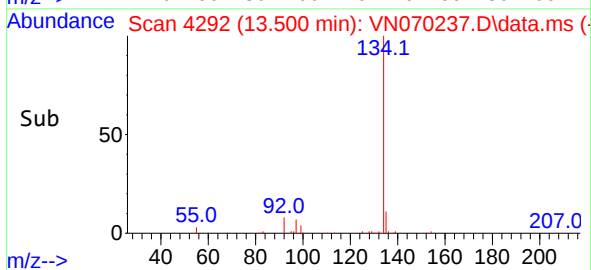
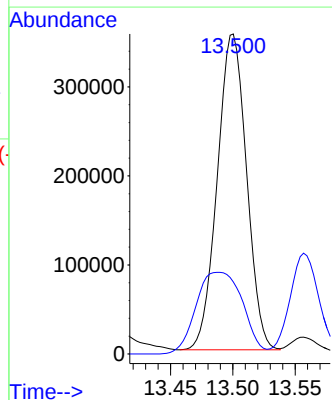
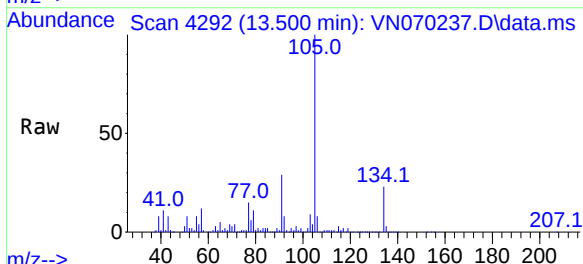
Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

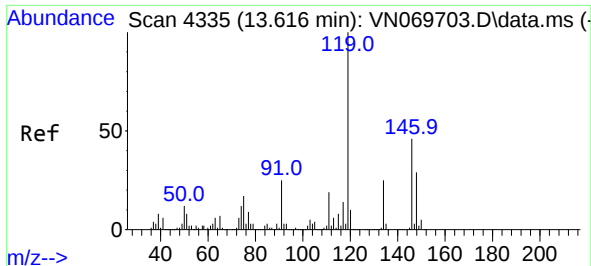
Tgt Ion:105 Resp:15234902
Ion Ratio Lower Upper
105 100
120 46.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.84 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:105 Resp: 580057
Ion Ratio Lower Upper
105 100
134 40.9 10.4 31.1#

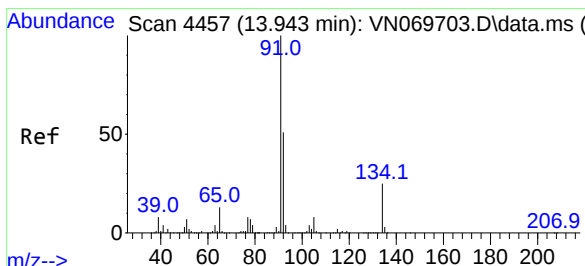
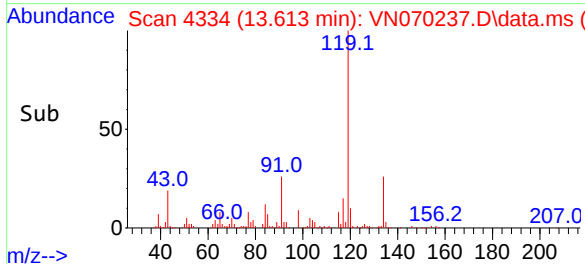
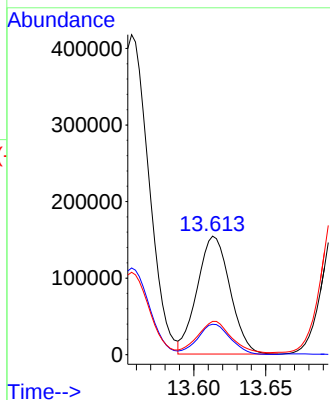
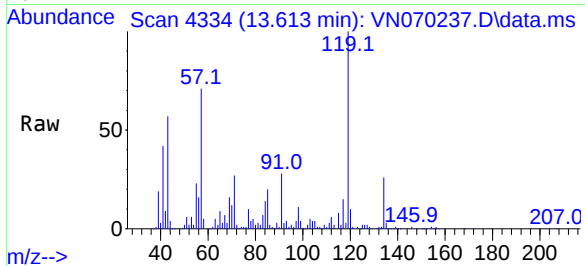




#86
p-Isopropyltoluene
Concen: 2.61 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

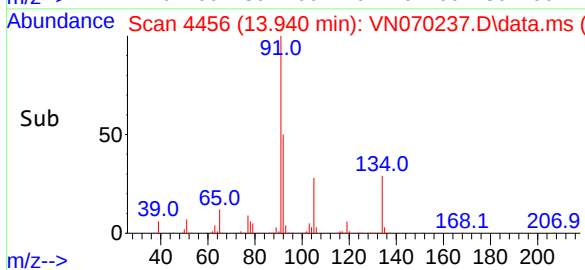
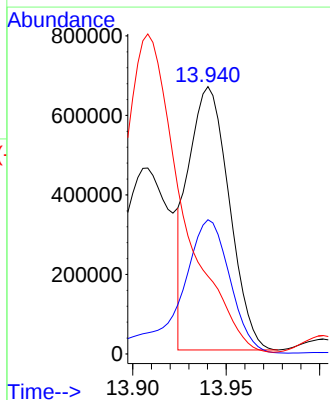
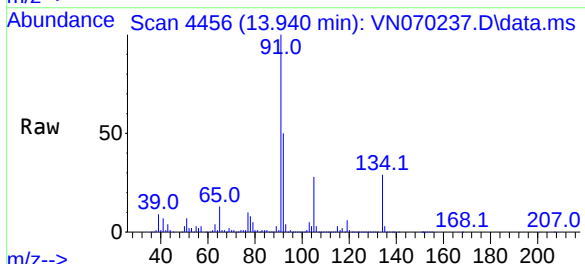
Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5

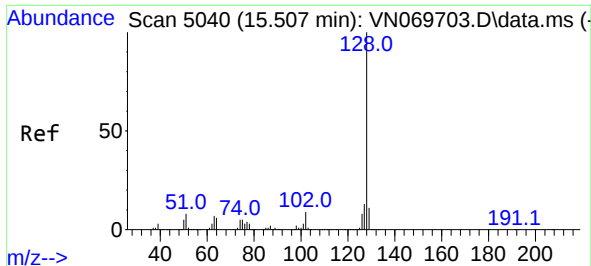
Tgt Ion:119 Resp: 244468
Ion Ratio Lower Upper
119 100
134 25.4 13.6 40.7
91 26.1 11.4 34.1



#89
n-Butylbenzene
Concen: 13.20 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

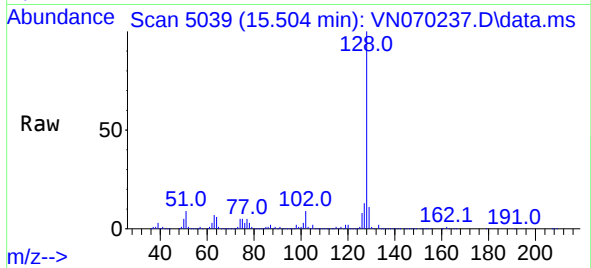
Tgt Ion: 91 Resp: 1002574
Ion Ratio Lower Upper
91 100
92 61.0 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 25.54 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
DA-21-4.5



Tgt Ion:128 Resp: 1594344
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.5 8.7 13.1

