

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070216.D
 Acq On : 18 Dec 2021 16:27
 Operator : JC/MD
 Sample : M5044-07 10X
 Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-7-4.5

Quant Time: Dec 19 08:47:31 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)

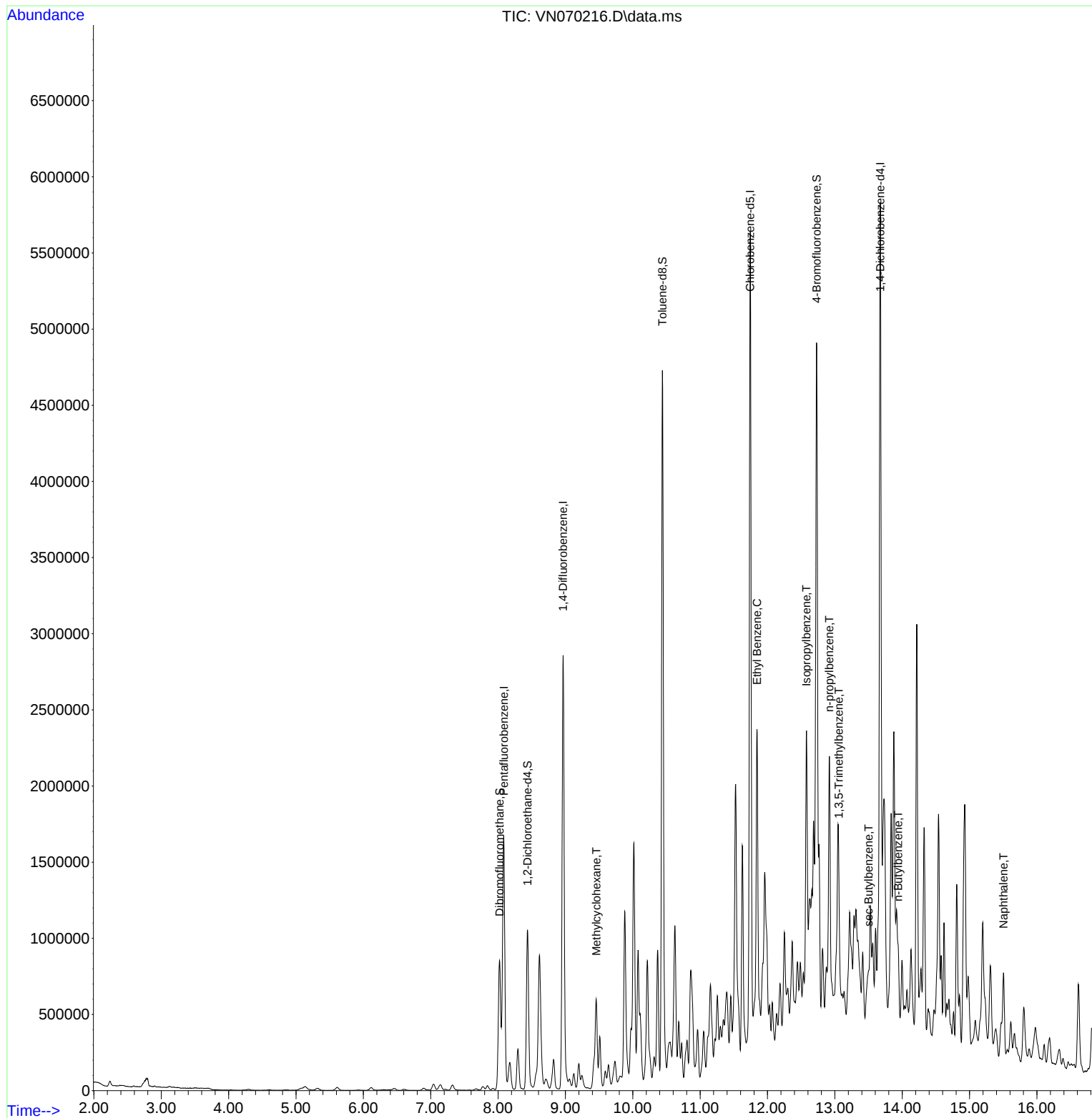
Internal Standards						
1) Pentafluorobenzene	8.086	168	1133333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2185072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2659724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1321755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	903593	51.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.28%			
35) Dibromofluoromethane	8.021	113	621734	45.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 90.86%			
50) Toluene-d8	10.440	98	2950404	53.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.38%			
62) 4-Bromofluorobenzene	12.731	95	1470983	73.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 147.76%#			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.459	83	118202	4.78	ug/l #	71
67) Ethyl Benzene	11.843	91	1103226	11.26	ug/l	95
73) Isopropylbenzene	12.578	105	1241245	10.55	ug/l	100
78) n-propylbenzene	12.919	91	1135672	8.68	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	202206	2.14	ug/l	96
85) sec-Butylbenzene	13.501	105	146657	1.29	ug/l #	63
89) n-Butylbenzene	13.940	91	318572	4.42	ug/l #	77
95) Naphthalene	15.504	128	486389	10.91	ug/l	100

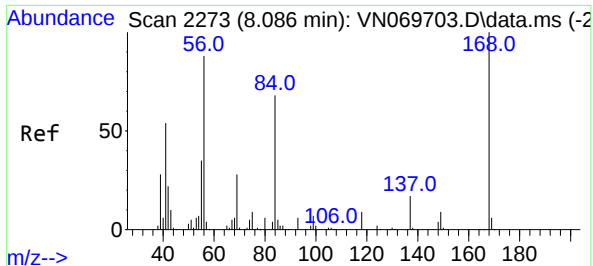
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 08:47:31 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

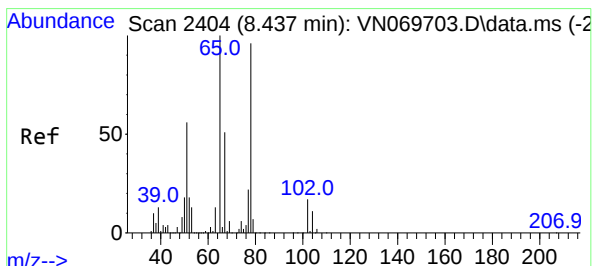
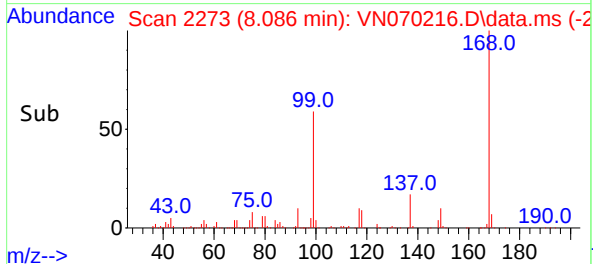
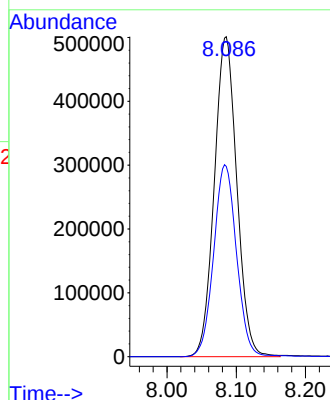
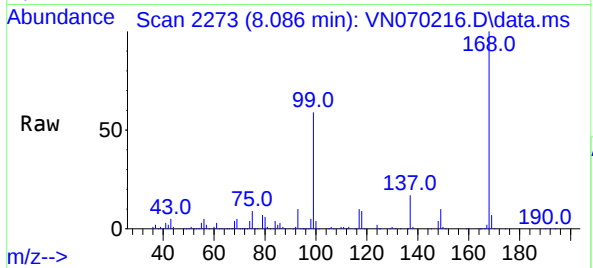




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

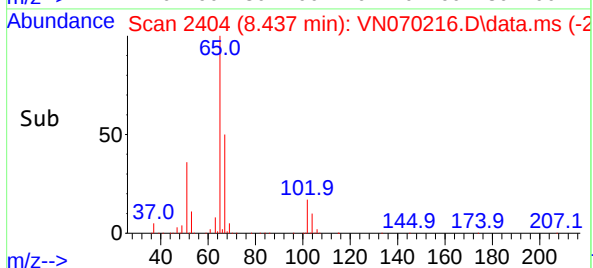
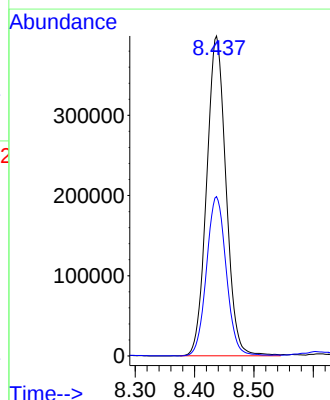
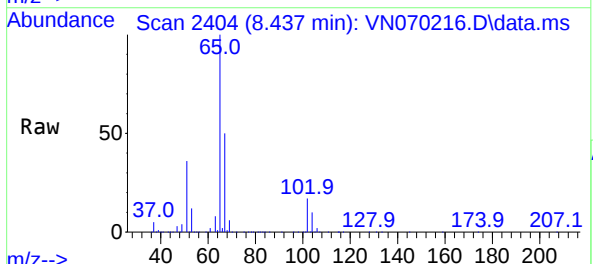
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

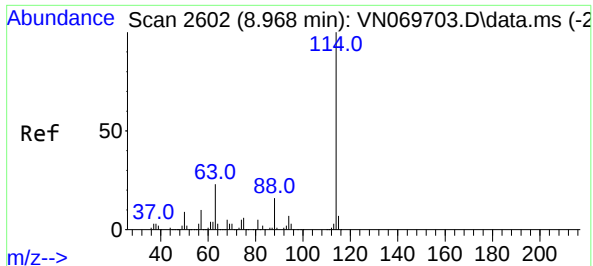
Tgt Ion:168 Resp: 1133333
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.64 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 65 Resp: 903593
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

DA-7-4.5

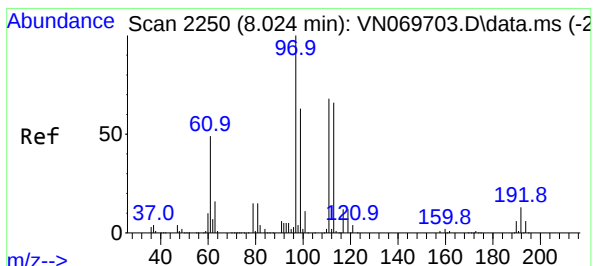
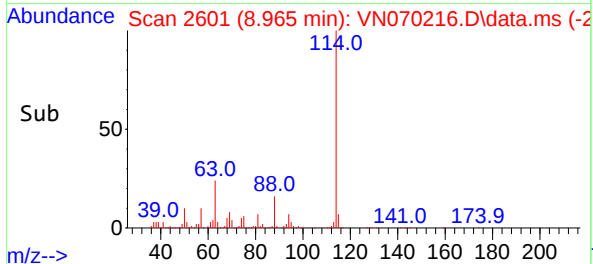
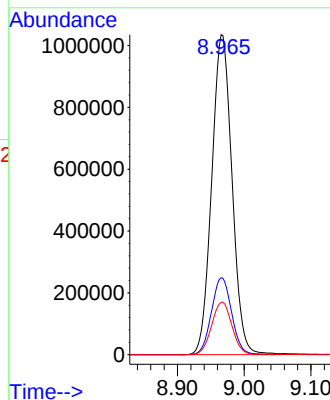
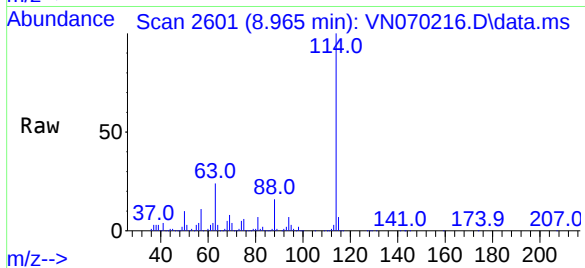
Tgt Ion:114 Resp: 2185072

Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.43 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

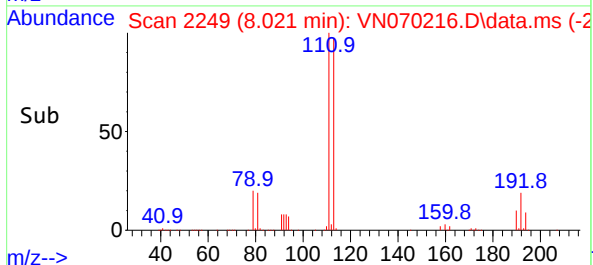
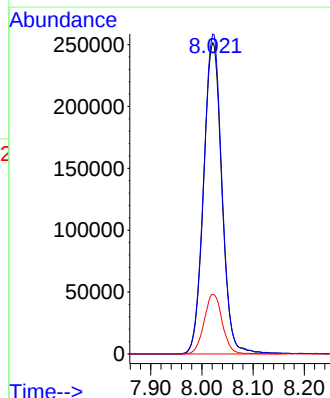
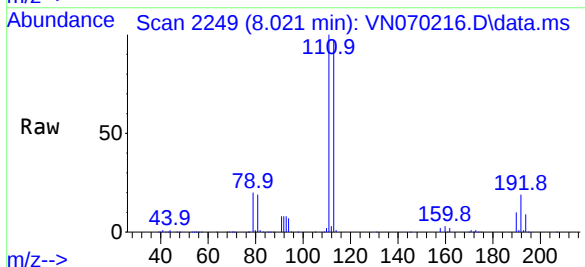
Tgt Ion:113 Resp: 621734

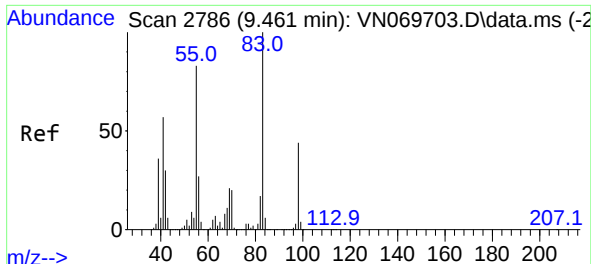
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 19.0 16.9 25.3





#39

Methylcyclohexane

Concen: 4.78 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

DA-7-4.5

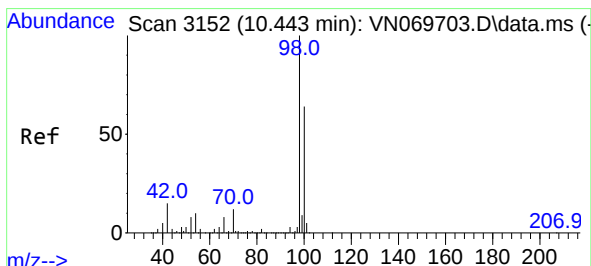
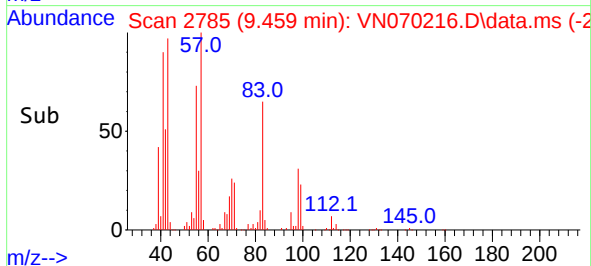
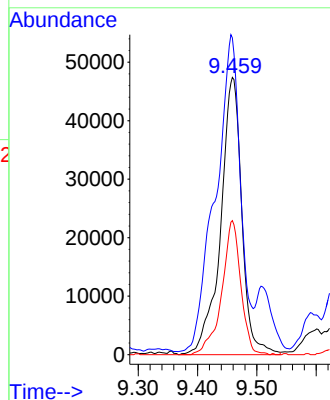
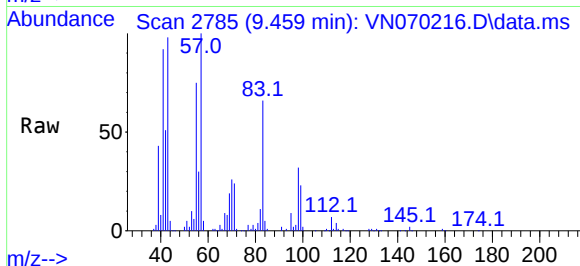
Tgt Ion: 83 Resp: 118202

Ion Ratio Lower Upper

83 100

55 113.1 58.1 87.1#

98 48.4 38.4 57.6



#50

Toluene-d8

Concen: 53.69 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070216.D

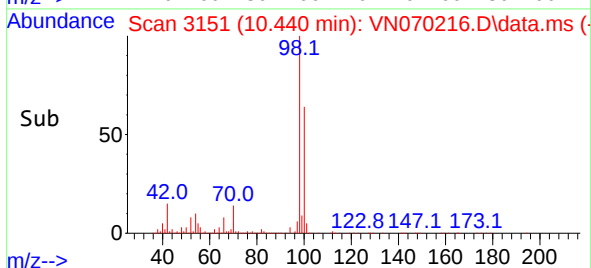
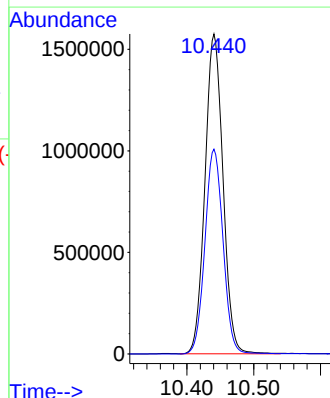
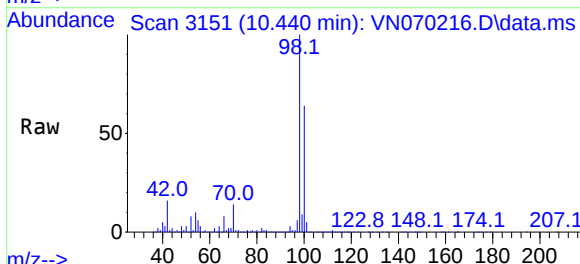
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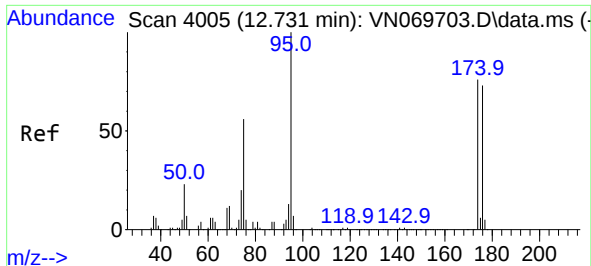
Tgt Ion: 98 Resp: 2950404

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

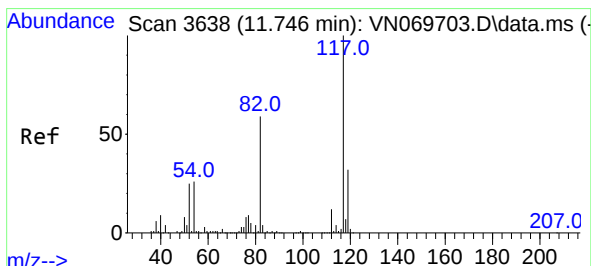
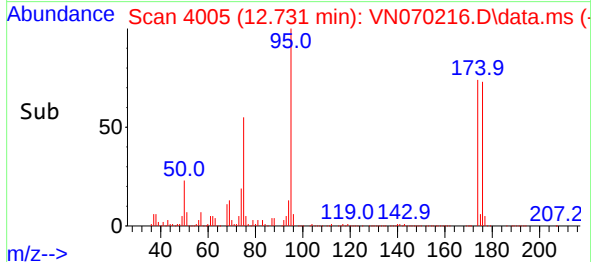
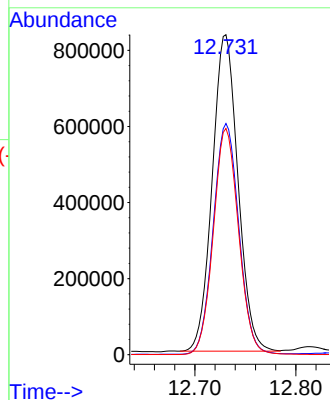
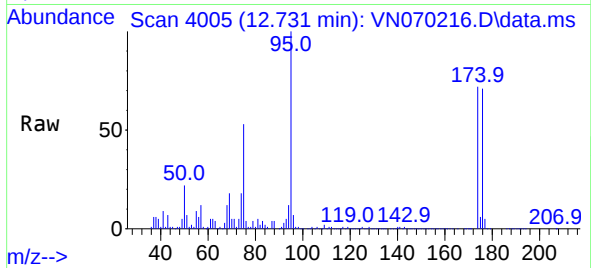




#62
4-Bromofluorobenzene
Concen: 73.88 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

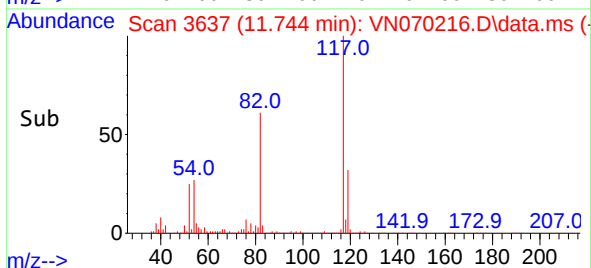
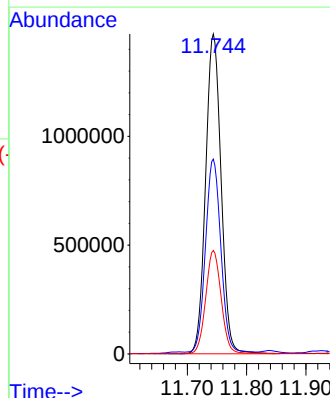
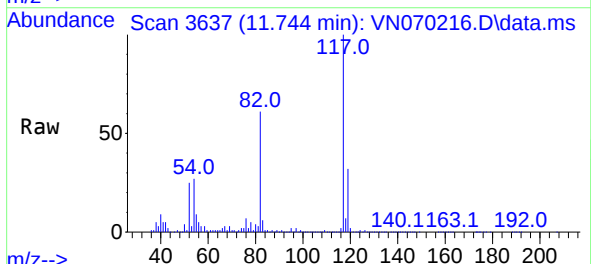
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

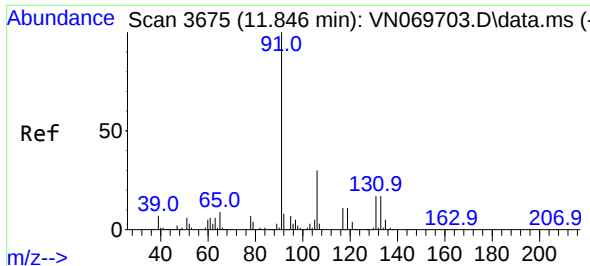
Tgt Ion: 95 Resp: 1470983
Ion Ratio Lower Upper
95 100
174 72.5 0.0 187.2
176 70.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 117 Resp: 2659724
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.3 25.4 38.2

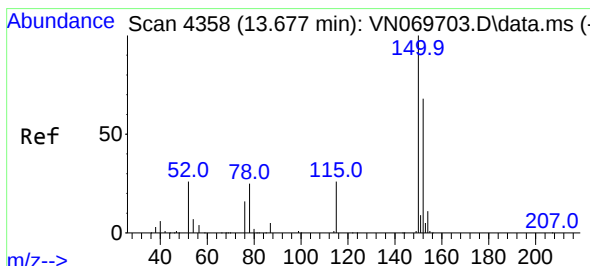
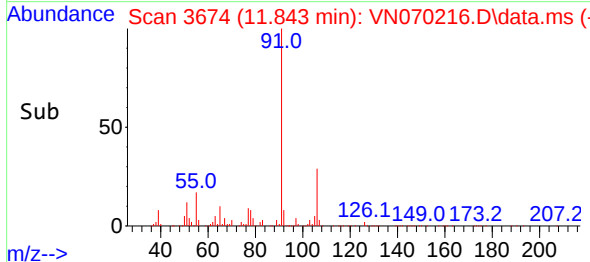
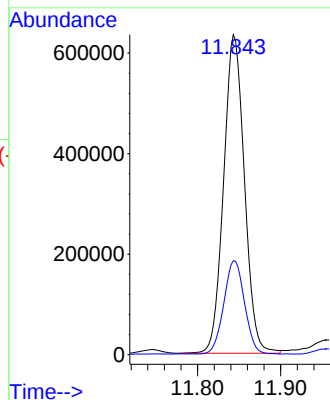
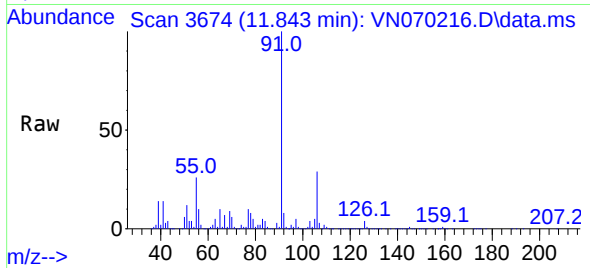




#67
Ethyl Benzene
Concen: 11.26 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

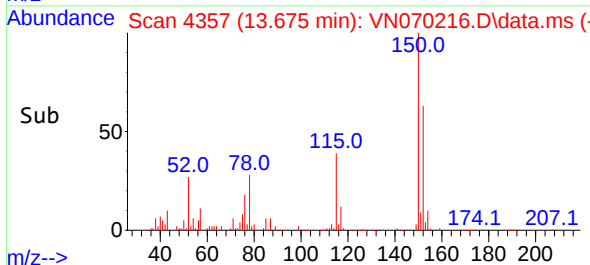
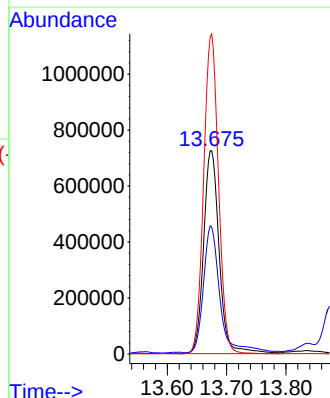
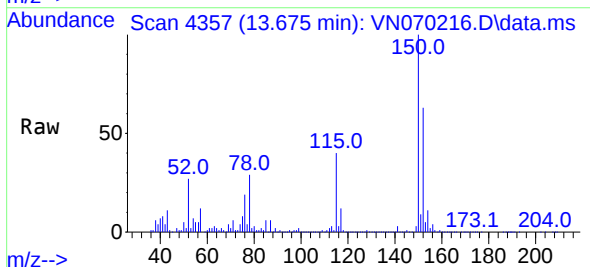
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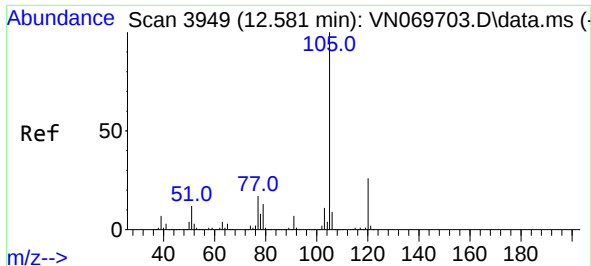
Tgt Ion: 91 Resp: 1103226
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:152 Resp: 1321755
Ion Ratio Lower Upper
152 100
115 65.9 27.5 82.5
150 149.6 0.0 344.4

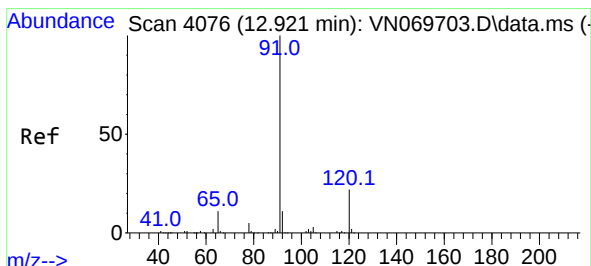
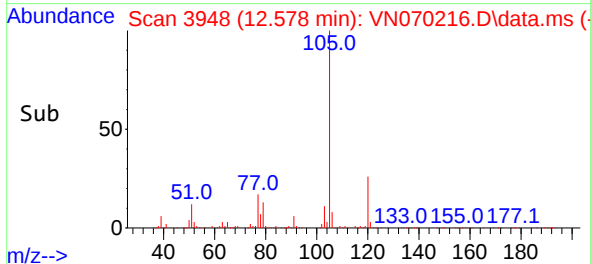
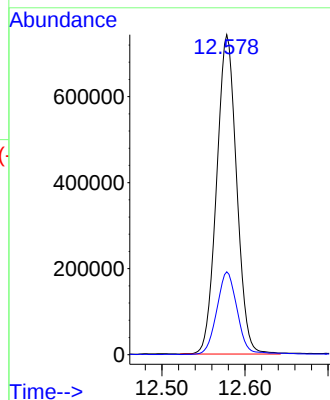
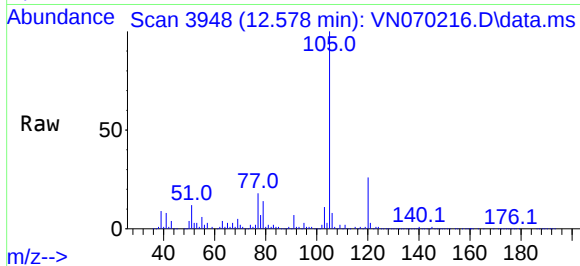




#73
Isopropylbenzene
Concen: 10.55 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

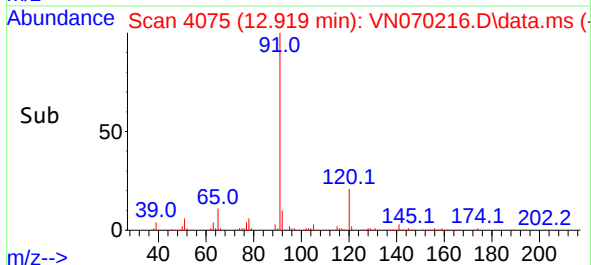
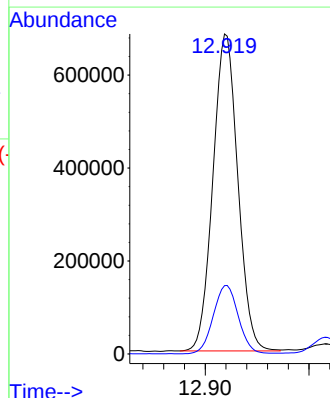
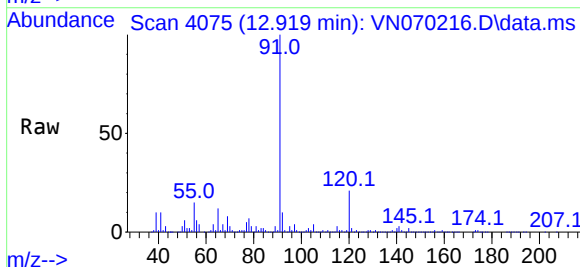
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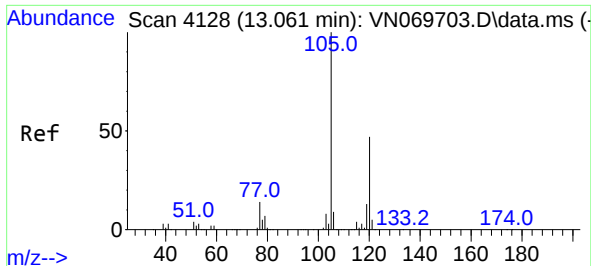
Tgt Ion:105 Resp: 1241245
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#78
n-propylbenzene
Concen: 8.68 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 91 Resp: 1135672
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

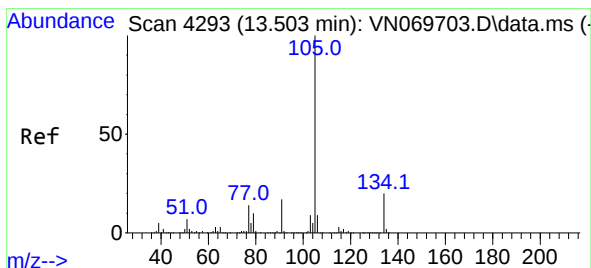
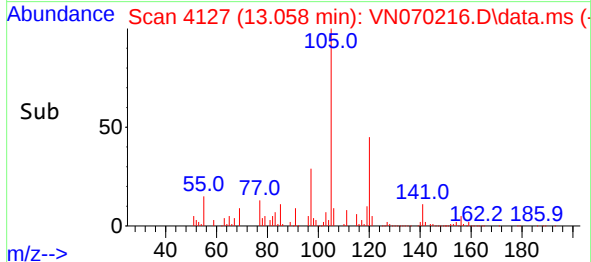
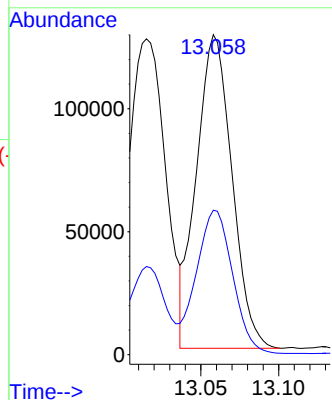
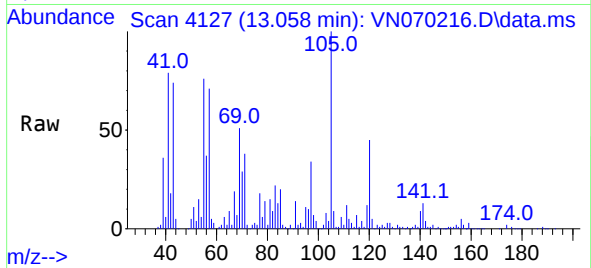




#80
1,3,5-Trimethylbenzene
Concen: 2.14 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

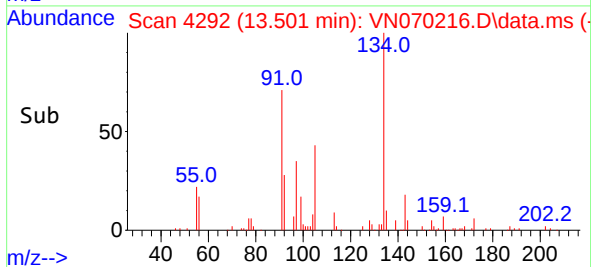
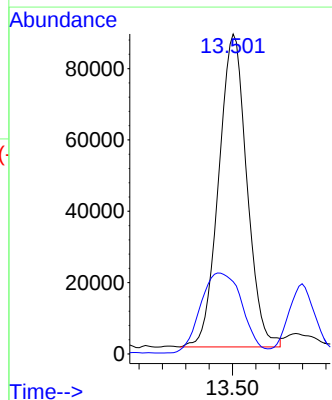
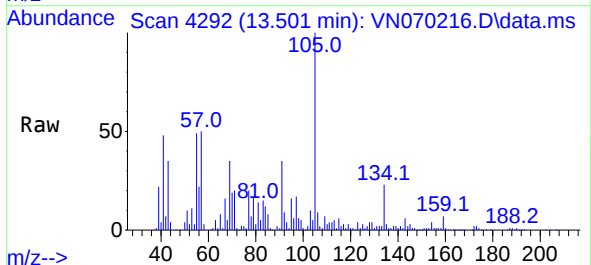
Instrument :
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DA-7-4.5

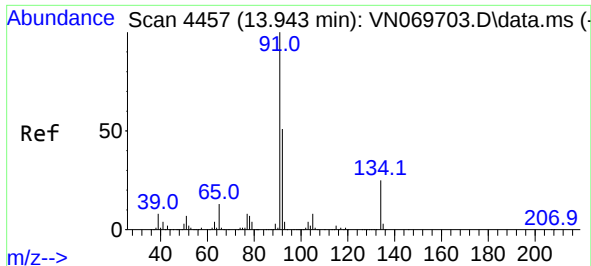
Tgt Ion:105 Resp: 202206
Ion Ratio Lower Upper
105 100
120 46.2 24.6 73.6



#85
sec-Butylbenzene
Concen: 1.29 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:105 Resp: 146657
Ion Ratio Lower Upper
105 100
134 37.8 10.4 31.1#

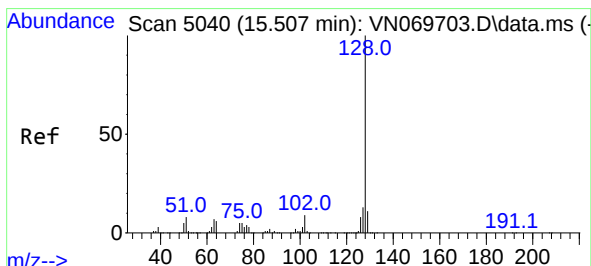
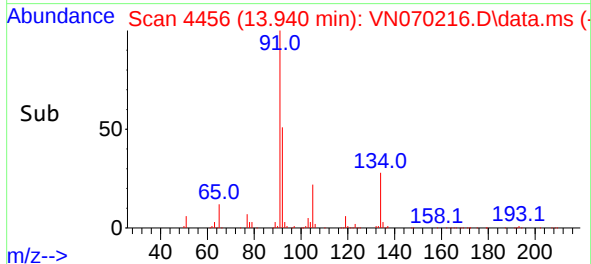
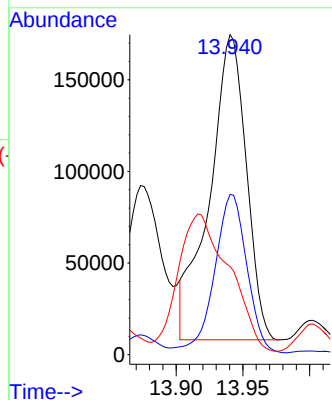
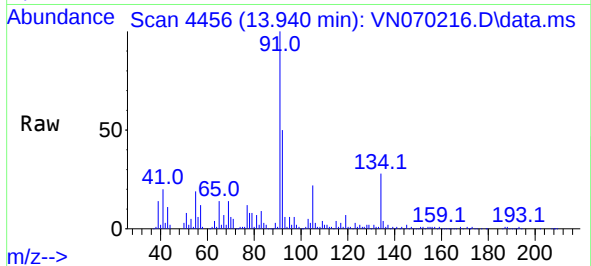




#89
n-Butylbenzene
Concen: 4.42 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Tgt Ion: 91 Resp: 318572
Ion Ratio Lower Upper
91 100
92 45.5 25.4 76.0
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 10.91 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:128 Resp: 486389
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

