

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070240.D
 Acq On : 20 Dec 2021 15:03
 Operator : JC/MD
 Sample : M5044-01
 Misc : 6.43g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

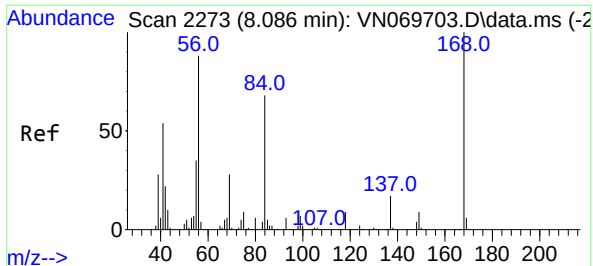
Instrument :
 MSVOA_N
 ClientSampleId :
 DA-1-4.5

Quant Time: Dec 21 04:01:34 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	1251415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2379568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2583046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1322728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	985621	51.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.02%	
35) Dibromofluoromethane	8.016	113	667538	44.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 89.58%	
50) Toluene-d8	10.440	98	3043604	50.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.70%	
62) 4-Bromofluorobenzene	12.731	95	1385808	63.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.84%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.451	83	31430	1.17	ug/l	88
40) Benzene	8.453	78	140927	2.04	ug/l	100
52) Toluene	10.505	92	2784404	65.87	ug/l	98
67) Ethyl Benzene	11.843	91	1615016	16.97	ug/l	96
68) m/p-Xylenes	11.950	106	2414404	69.66	ug/l	92
69) o-Xylene	12.280	106	1090870	31.25	ug/l	90
73) Isopropylbenzene	12.578	105	159907	1.36	ug/l	97
78) n-propylbenzene	12.919	91	588546	4.49	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	636244	6.72	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	2923434	32.41	ug/l	97
95) Naphthalene	15.504	128	446701	10.34	ug/l	100

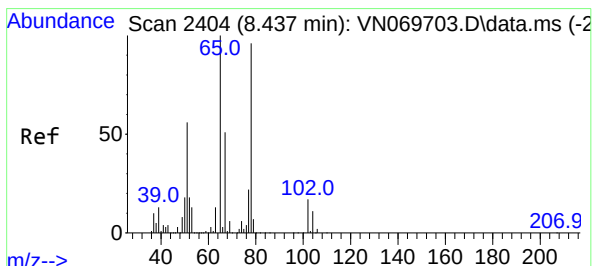
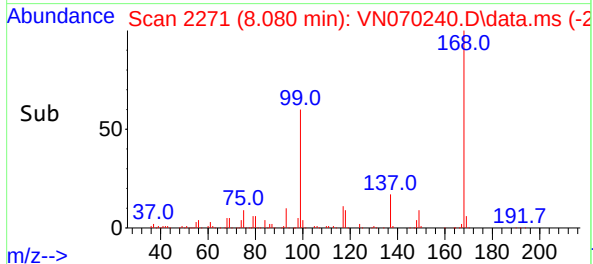
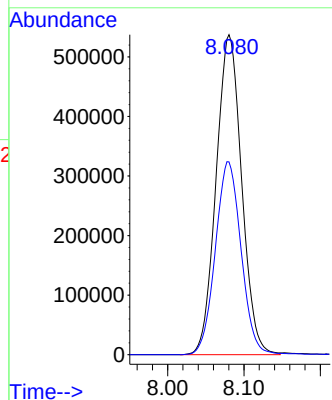
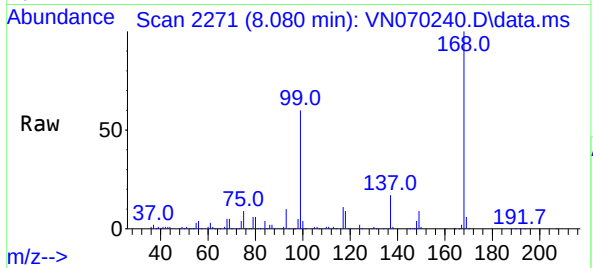
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

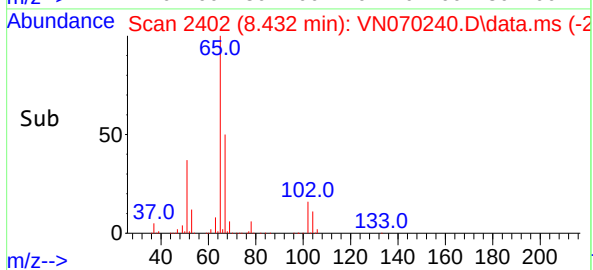
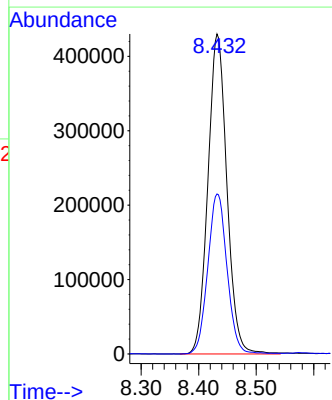
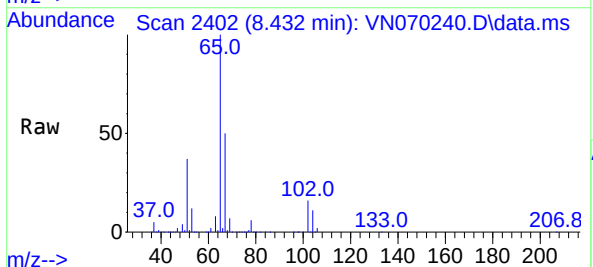
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

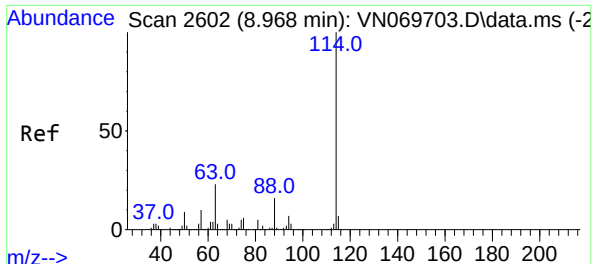
Tgt Ion:168 Resp: 1251415
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.01 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion: 65 Resp: 985621
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

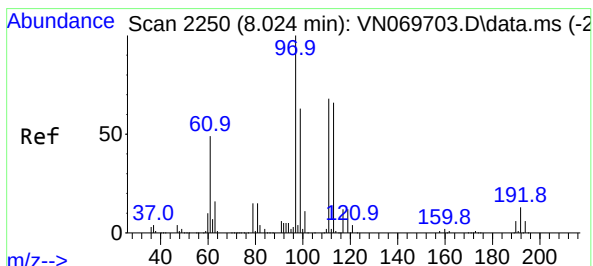
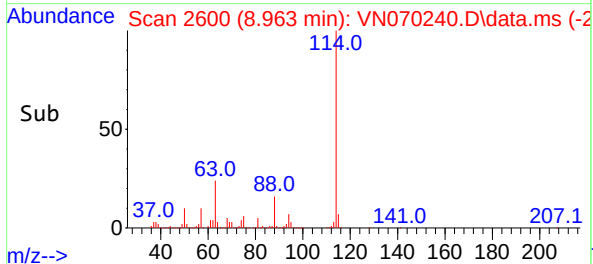
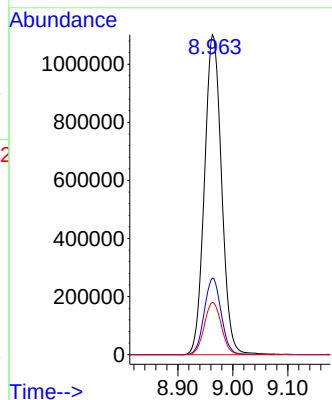
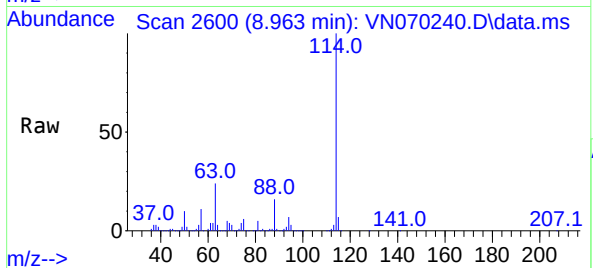




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.963 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

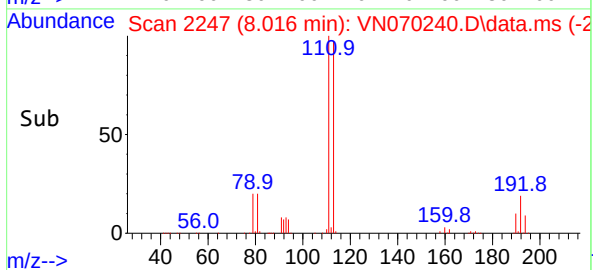
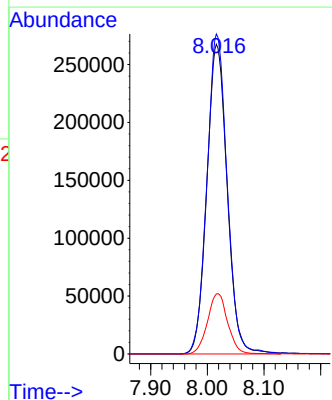
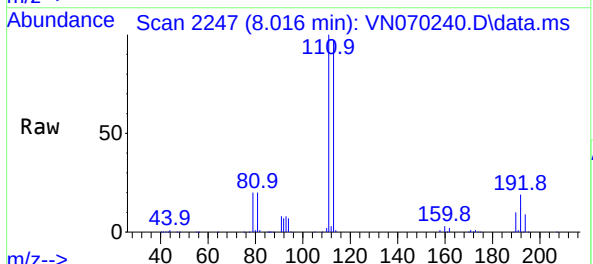
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MSVOA_N
ClientSampleId :
DA-1-4.5

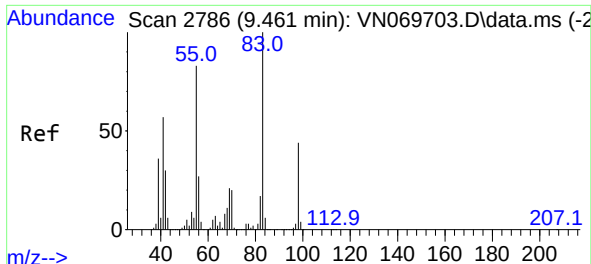
Tgt Ion:114 Resp: 2379568
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 44.79 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion:113 Resp: 667538
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.3 16.9 25.3





#39

Methylcyclohexane

Concen: 1.17 ug/l

RT: 9.451 min Scan# 21

Delta R.T. -0.011 min

Lab File: VN070240.D

Acq: 20 Dec 2021 15:03

Instrument :

MSVOA_N

ClientSampleId :

DA-1-4.5

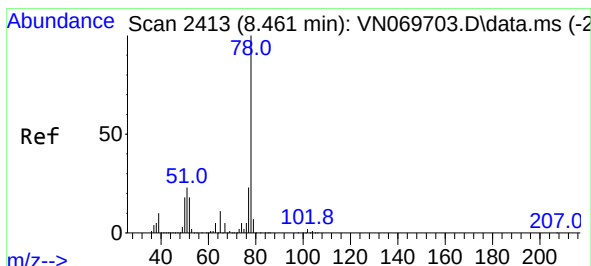
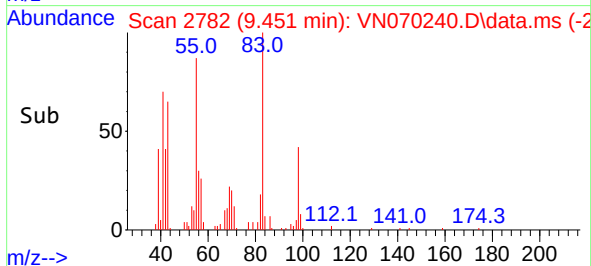
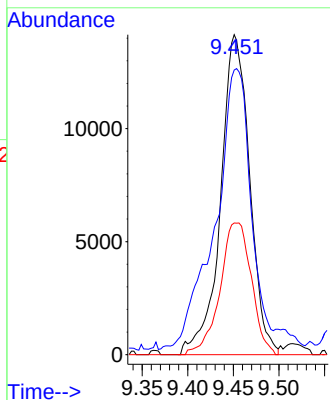
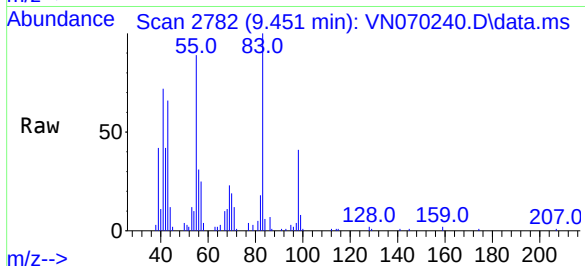
Tgt Ion: 83 Resp: 31430

Ion Ratio Lower Upper

83 100

55 84.2 58.1 87.1

98 41.2 38.4 57.6



#40

Benzene

Concen: 2.04 ug/l

RT: 8.453 min Scan# 2410

Delta R.T. -0.008 min

Lab File: VN070240.D

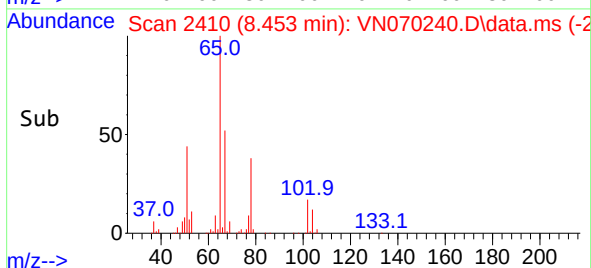
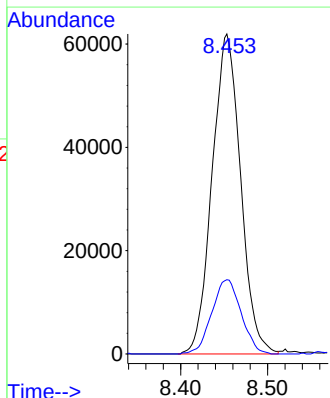
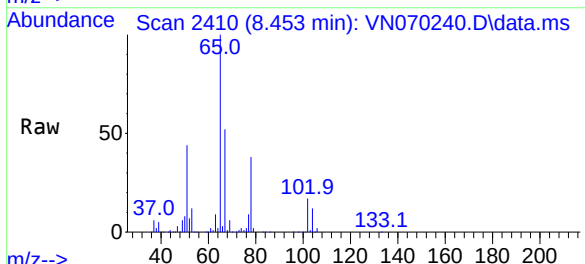
Acq: 20 Dec 2021 15:03

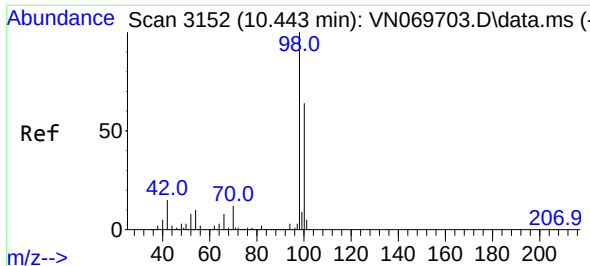
Tgt Ion: 78 Resp: 140927

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

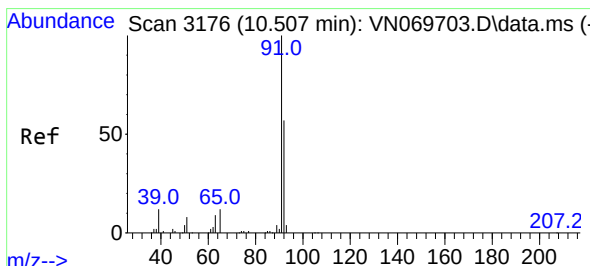
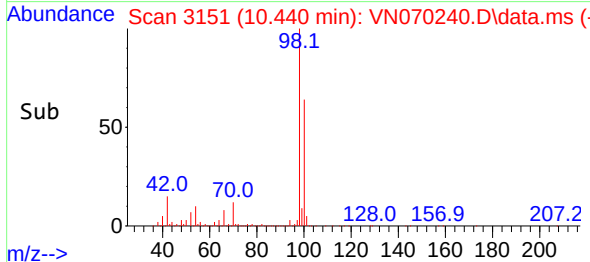
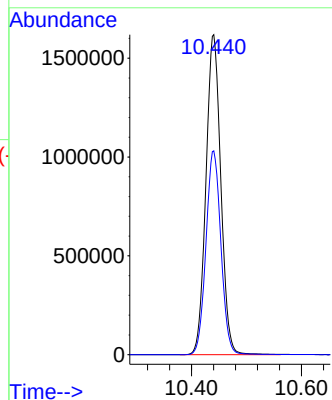
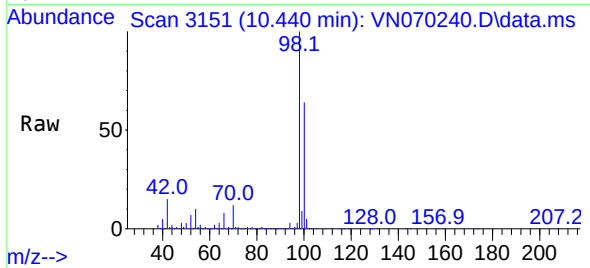




#50
Toluene-d8
Concen: 50.85 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

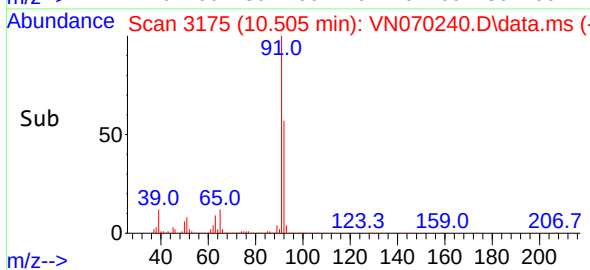
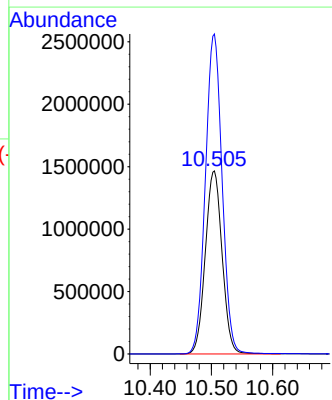
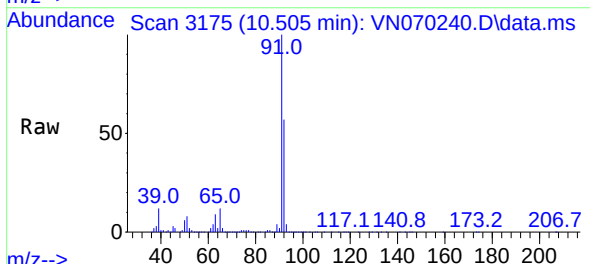
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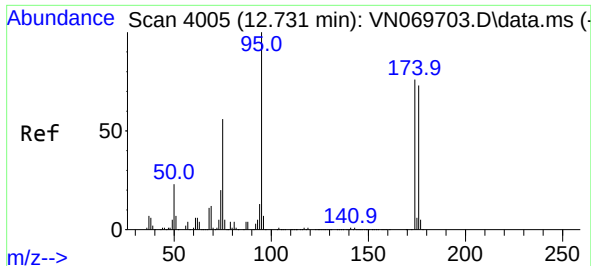
Tgt Ion: 98 Resp: 3043604
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#52
Toluene
Concen: 65.87 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion: 92 Resp: 2784404
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0

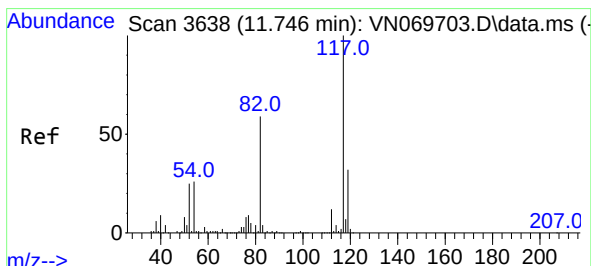
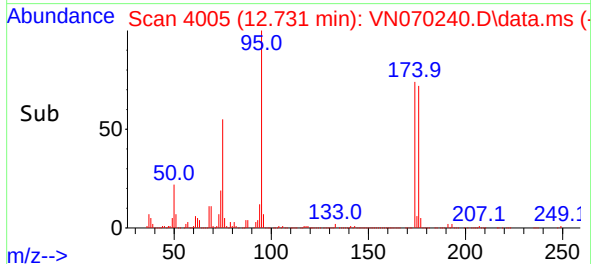
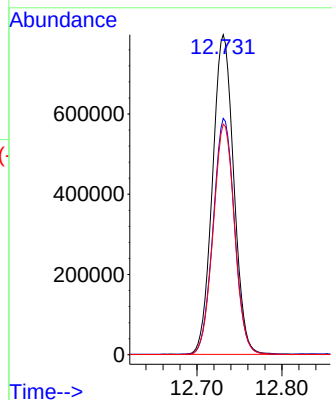
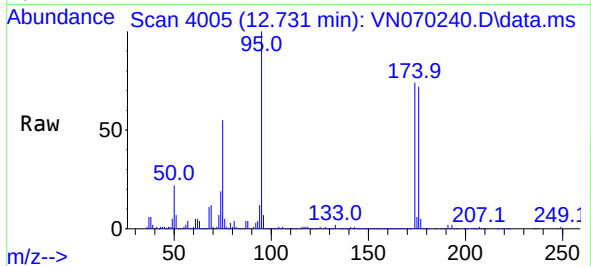




#62
4-Bromofluorobenzene
Concen: 63.92 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

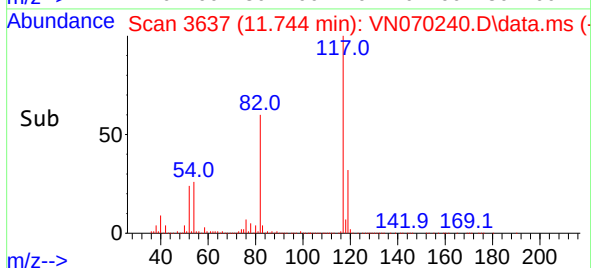
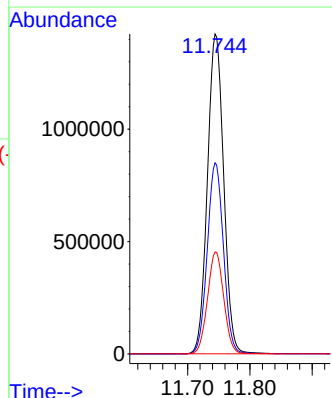
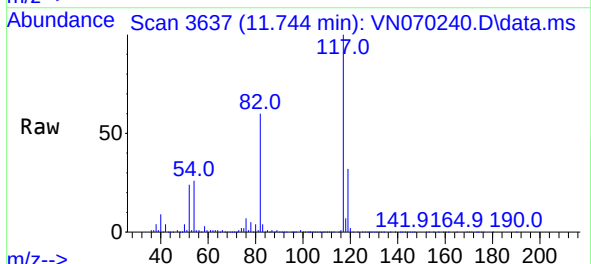
Instrument :
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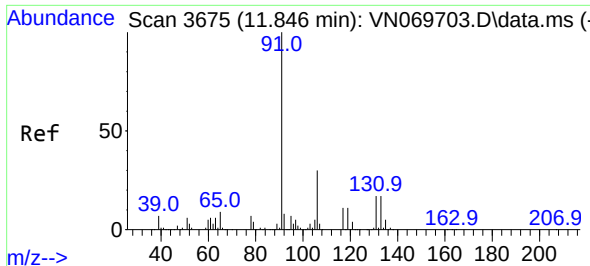
Tgt Ion: 95 Resp: 1385808
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion: 117 Resp: 2583046
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.9 25.4 38.2





#67

Ethyl Benzene

Concen: 16.97 ug/l

RT: 11.843 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN070240.D

Acq: 20 Dec 2021 15:03

Instrument :

MSVOA_N

ClientSampleId :

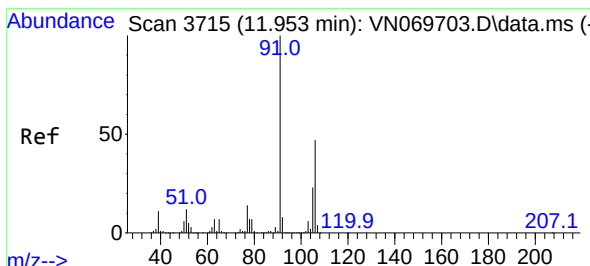
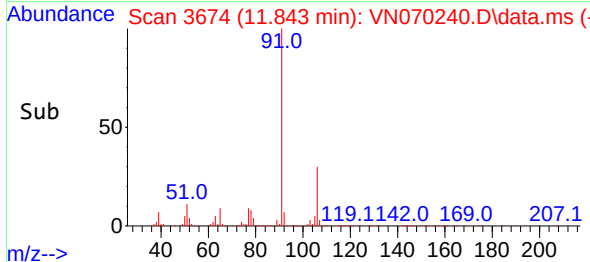
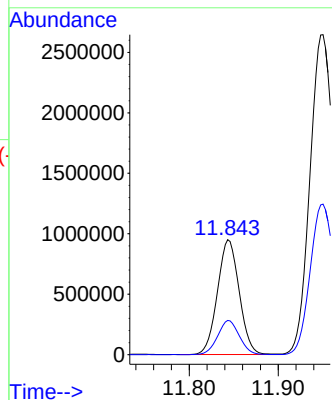
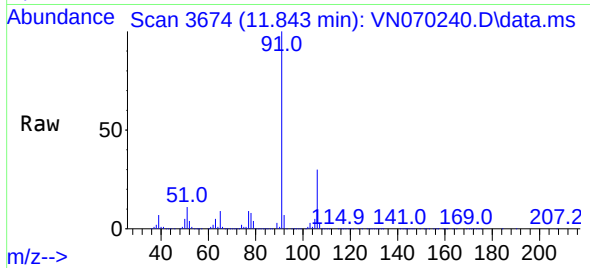
DA-1-4.5

Tgt Ion: 91 Resp: 1615016

Ion Ratio Lower Upper

91 100

106 29.7 25.7 38.5



#68

m/p-Xylenes

Concen: 69.66 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. -0.002 min

Lab File: VN070240.D

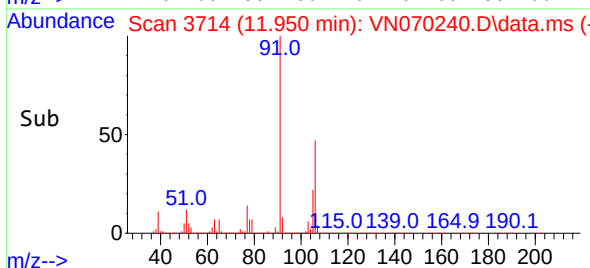
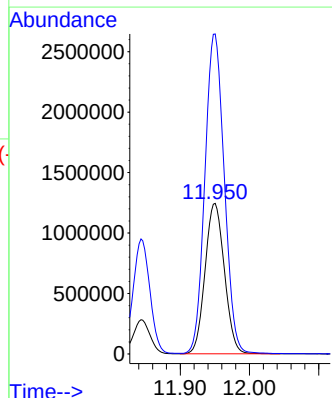
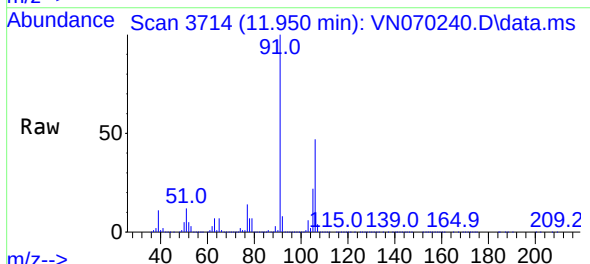
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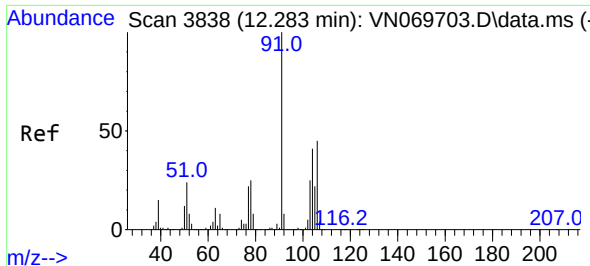
Tgt Ion:106 Resp: 2414404

Ion Ratio Lower Upper

106 100

91 213.5 160.6 240.8

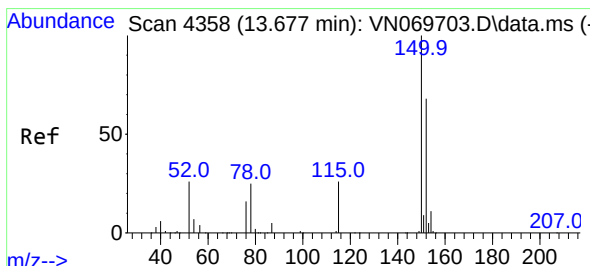
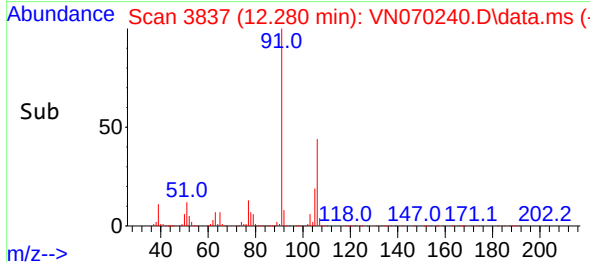
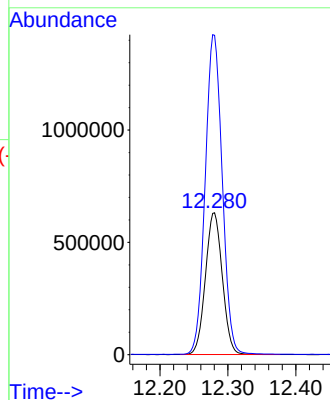
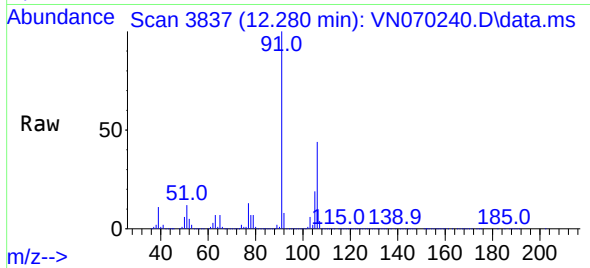




#69
o-Xylene
Concen: 31.25 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

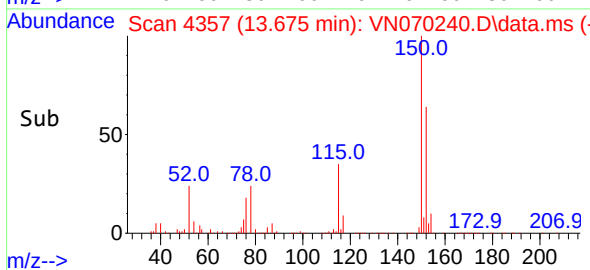
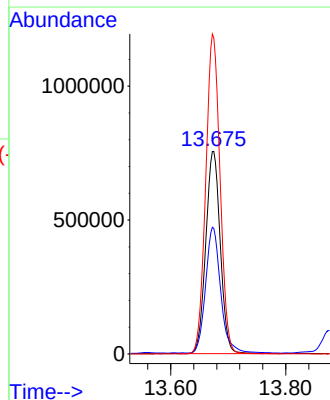
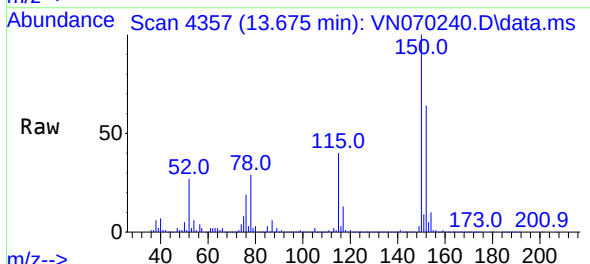
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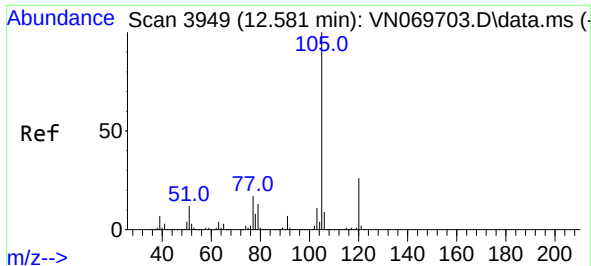
Tgt Ion:106 Resp: 1090870
Ion Ratio Lower Upper
106 100
91 226.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion:152 Resp: 1322728
Ion Ratio Lower Upper
152 100
115 64.6 27.5 82.5
150 155.8 0.0 344.4

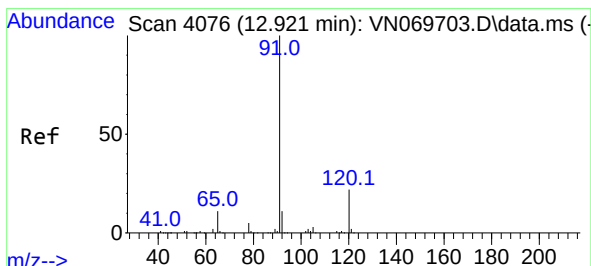
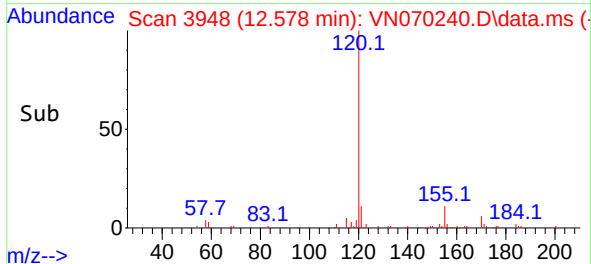
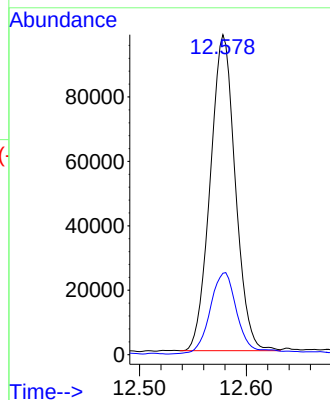
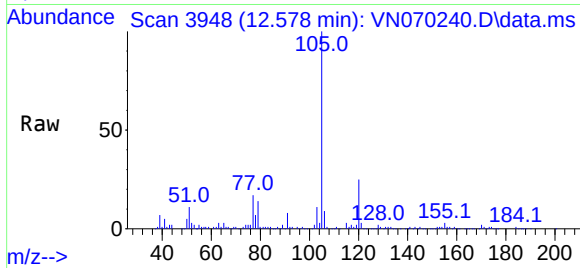




#73
Isopropylbenzene
Concen: 1.36 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

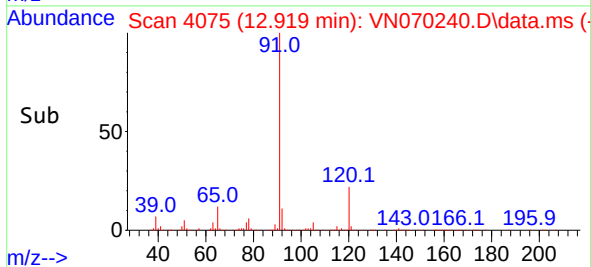
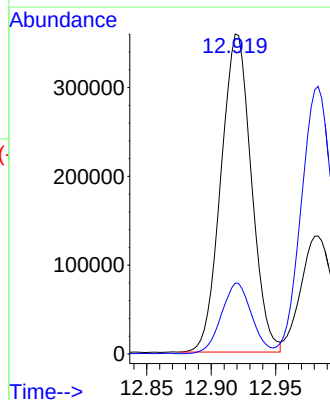
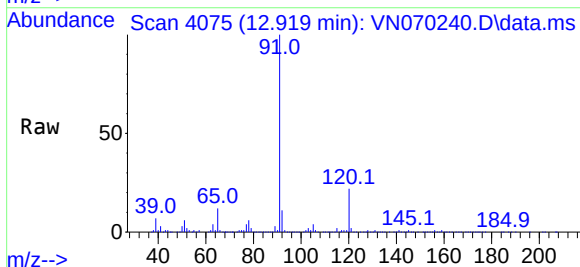
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

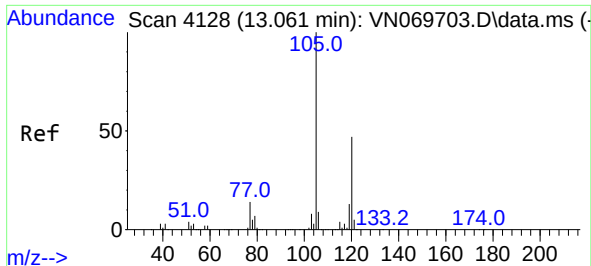
Tgt Ion:105 Resp: 159907
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#78
n-propylbenzene
Concen: 4.49 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion: 91 Resp: 588546
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

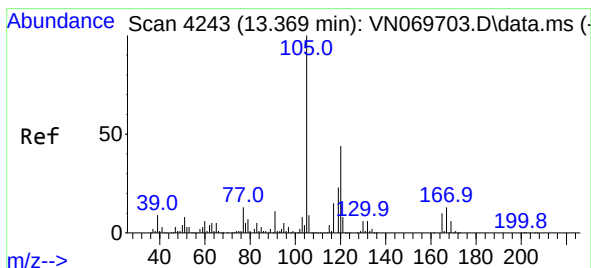
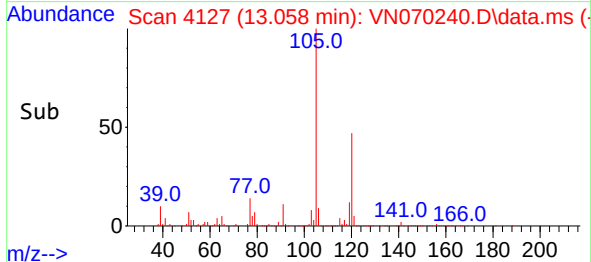
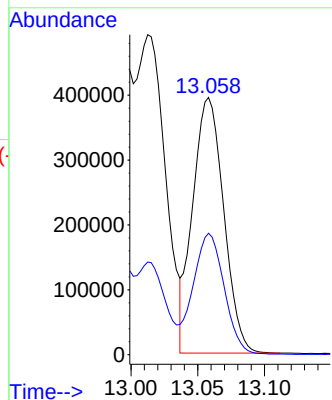
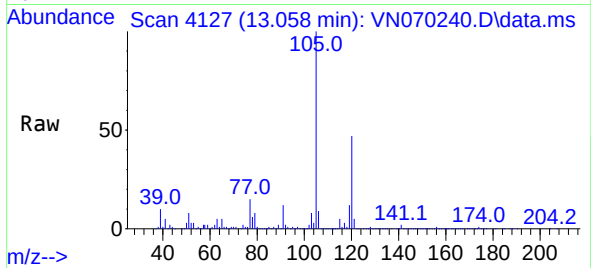




#80
1,3,5-Trimethylbenzene
Concen: 6.72 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

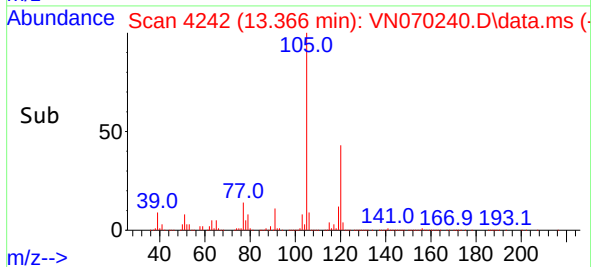
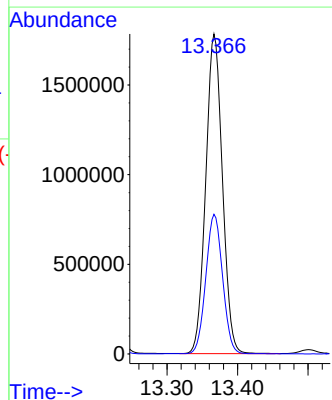
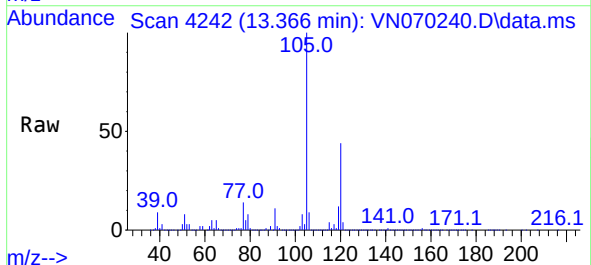
Instrument :
MSVOA_N
ClientSampleId :
DA-1-4.5

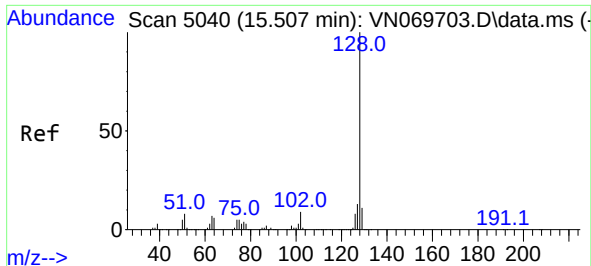
Tgt Ion:105 Resp: 636244
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 32.41 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070240.D
Acq: 20 Dec 2021 15:03

Tgt Ion:105 Resp: 2923434
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#95

Naphthalene

Concen: 10.34 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN070240.D

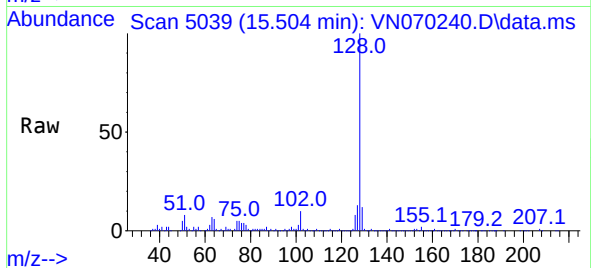
Acq: 20 Dec 2021 15:03

Instrument :

MSVOA_N

ClientSampleId :

DA-1-4.5



Tgt Ion:128 Resp: 446701

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.7 13.1

