

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070967.D
 Acq On : 16 Feb 2022 18:41
 Operator : JC\MD
 Sample : N1573-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22R

Quant Time: Feb 17 04:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

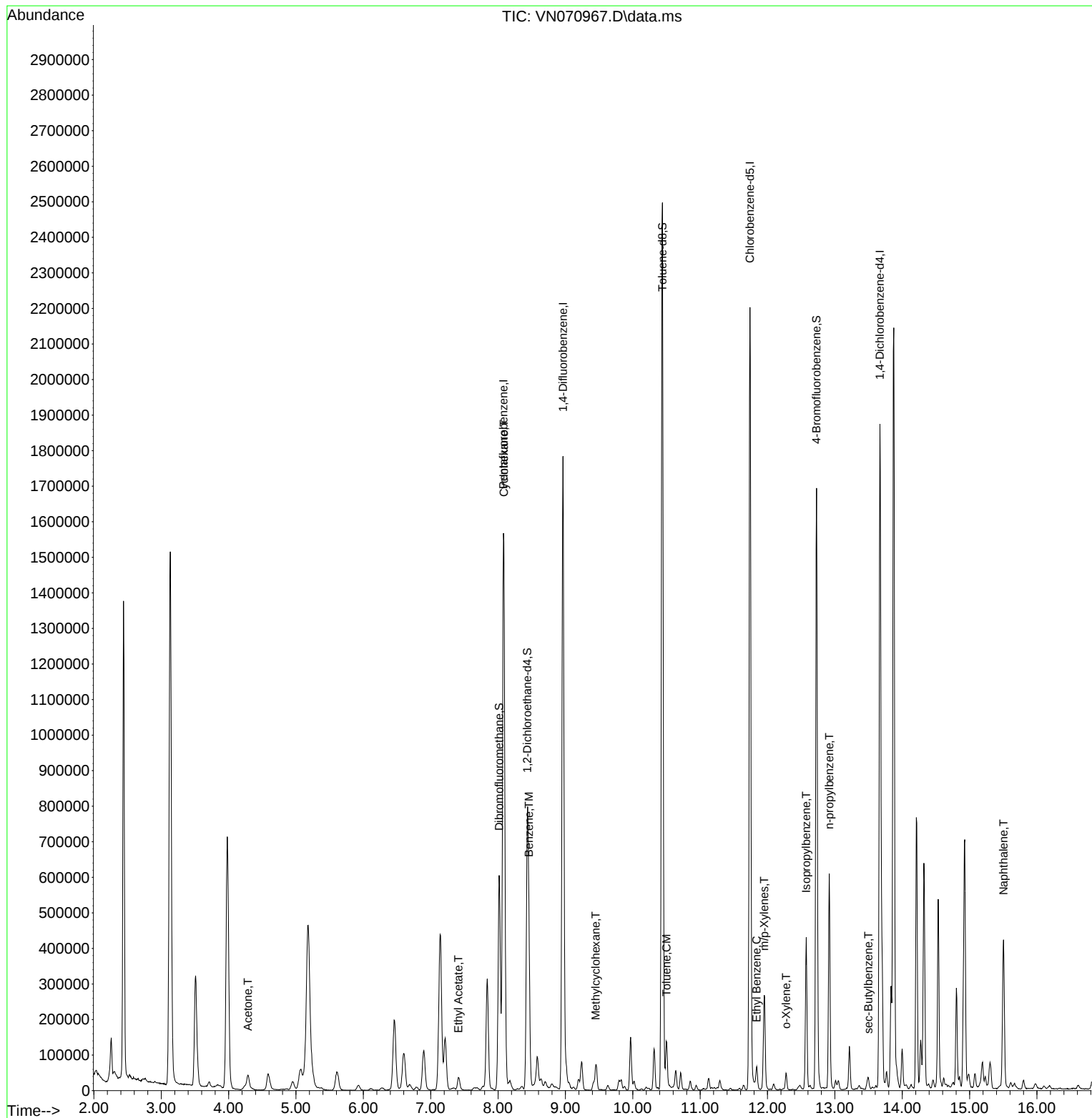
Internal Standards						
1) Pentafluorobenzene	8.081	168	991749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1496380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1330762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	535647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	541254	47.776	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.560%		
35) Dibromofluoromethane	8.016	113	441355	49.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.180%		
50) Toluene-d8	10.439	98	1782221	49.861	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.727	95	601846	47.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.220%		
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	77844	12.477	ug/l	99
31) Cyclohexane	8.087	56	250195	12.770	ug/l	96
37) Ethyl Acetate	7.410	43	56396	3.606	ug/l	98
39) Methylcyclohexane	9.451	83	30506	1.626	ug/l	94
40) Benzene	8.457	78	348263	8.074	ug/l	99
52) Toluene	10.498	92	54237	2.001	ug/l	98
67) Ethyl Benzene	11.839	91	41432	0.826	ug/l	94
68) m/p-Xylenes	11.951	106	91251	4.707	ug/l	99
69) o-Xylene	12.275	106	13566	0.716	ug/l	93
73) Isopropylbenzene	12.574	105	273270	6.338	ug/l	100
78) n-propylbenzene	12.916	91	483560	9.982	ug/l	98
85) sec-Butylbenzene	13.498	105	20386	0.467	ug/l	78
95) Naphthalene	15.504	128	408400	20.342	ug/l	99

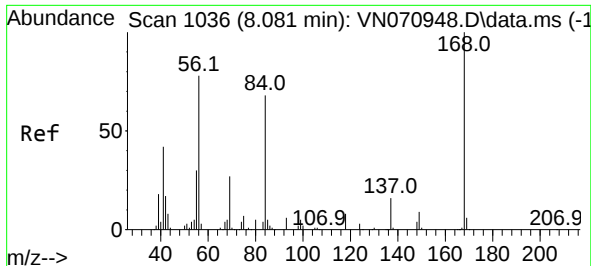
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

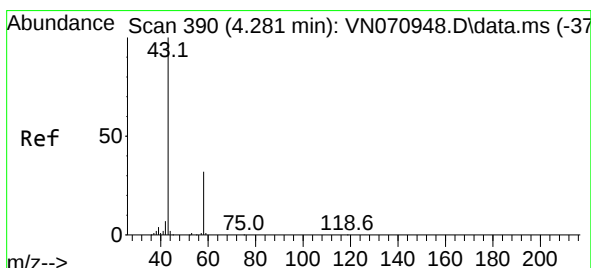
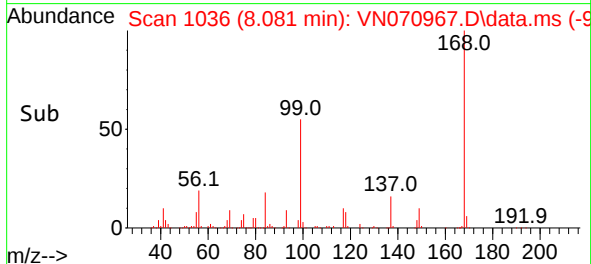
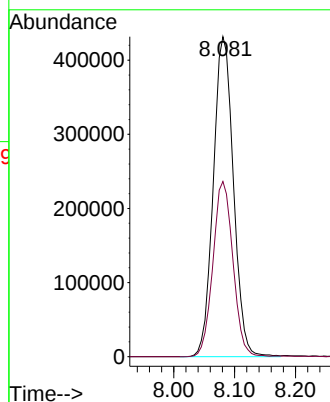
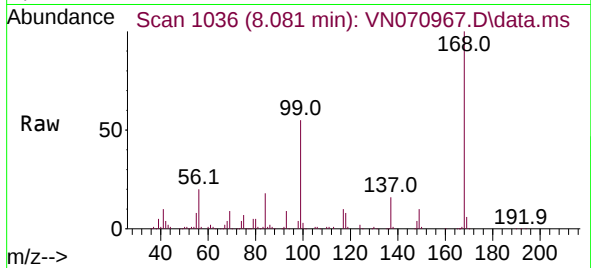




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

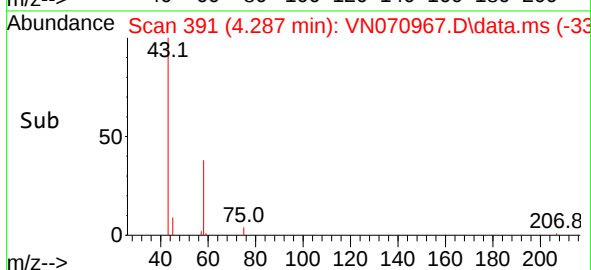
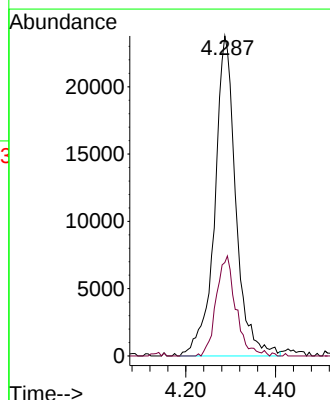
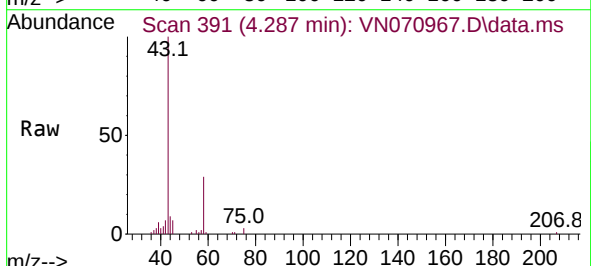
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

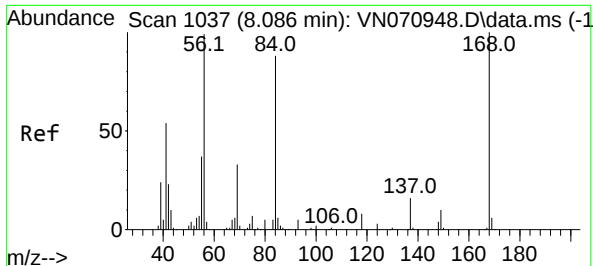
Tgt Ion:168 Resp: 991749
Ion Ratio Lower Upper
168 100
99 54.8 41.3 61.9



#16
Acetone
Concen: 12.477 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 43 Resp: 77844
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7

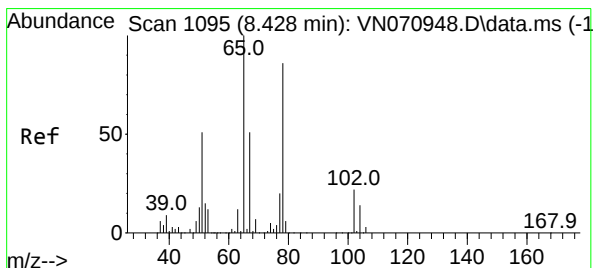
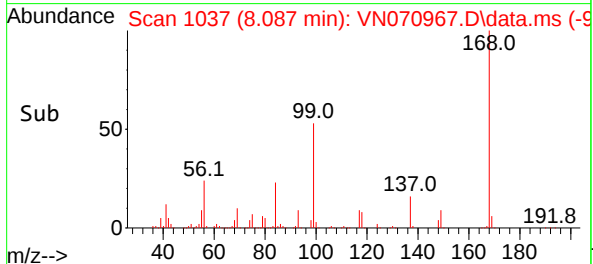
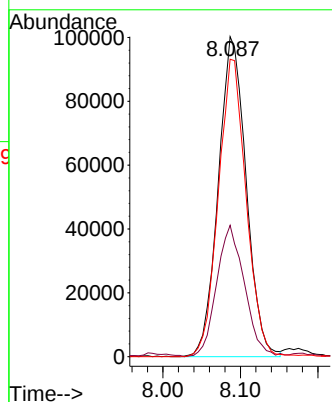
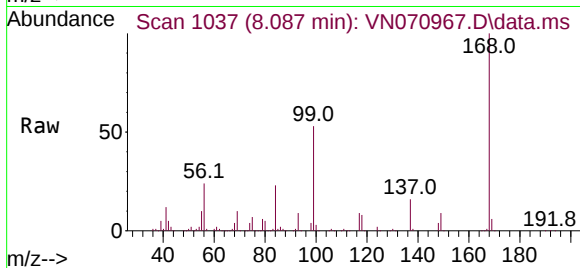




#31
Cyclohexane
Concen: 12.770 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

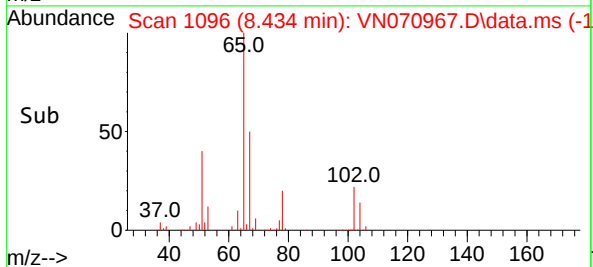
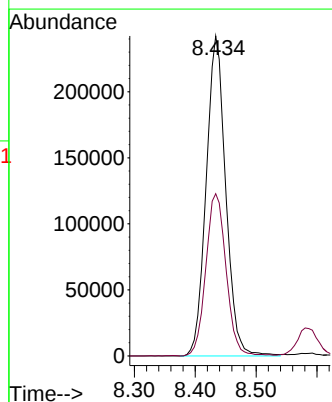
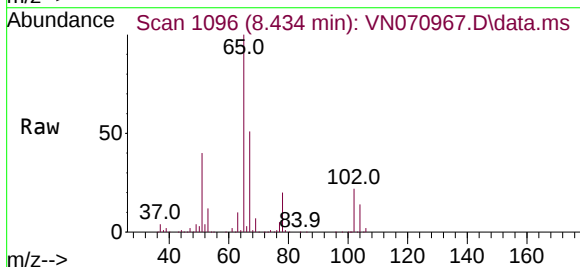
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

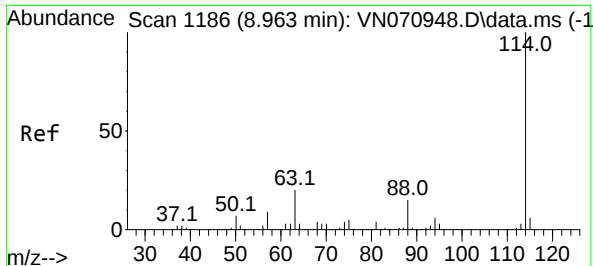
Tgt Ion: 56 Resp: 250195
Ion Ratio Lower Upper
56 100
69 40.7 27.1 40.7
84 93.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 47.776 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 65 Resp: 541254
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN070967.D

Acq: 16 Feb 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

MW-22R

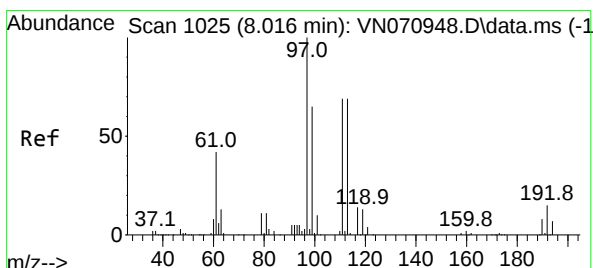
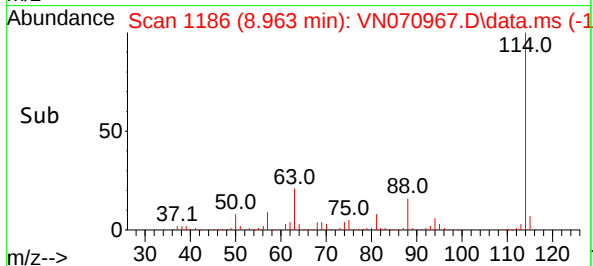
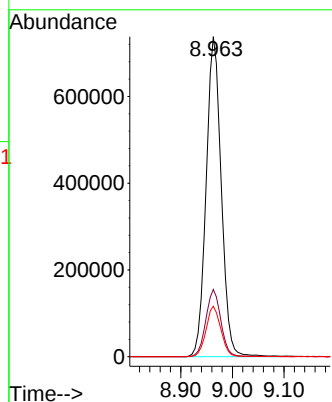
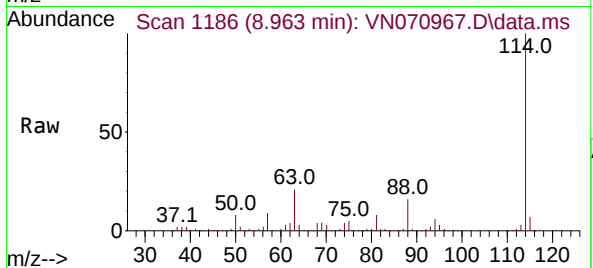
Tgt Ion:114 Resp: 1496380

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 15.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN070967.D

Acq: 16 Feb 2022 18:41

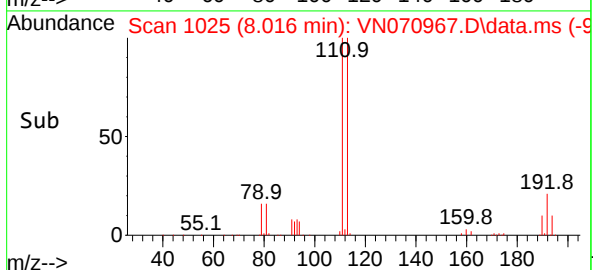
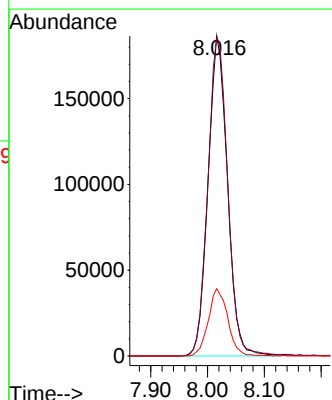
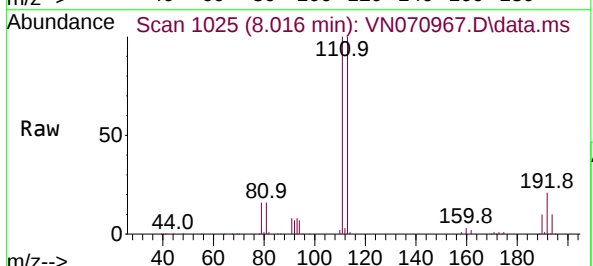
Tgt Ion:113 Resp: 441355

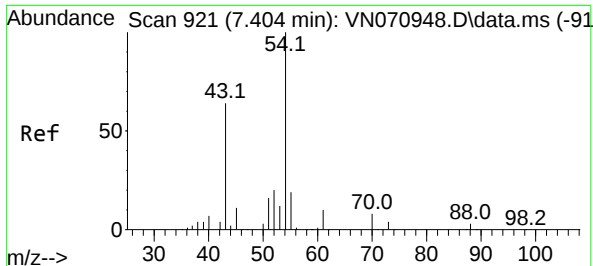
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.1 16.9 25.3

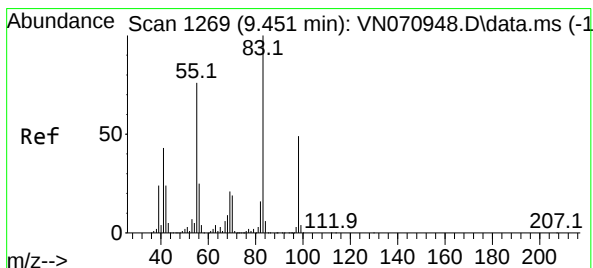
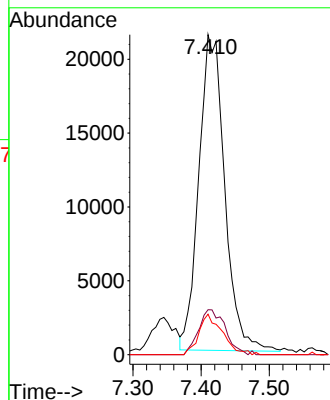
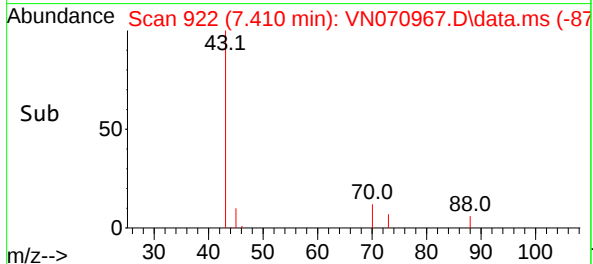
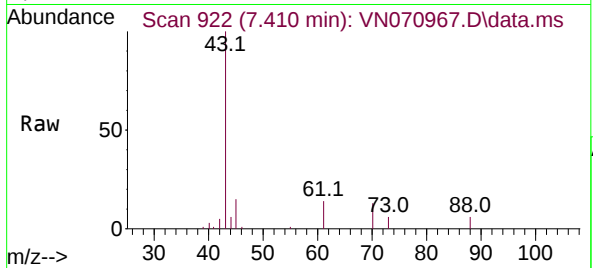




#37
Ethyl Acetate
Concen: 3.606 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

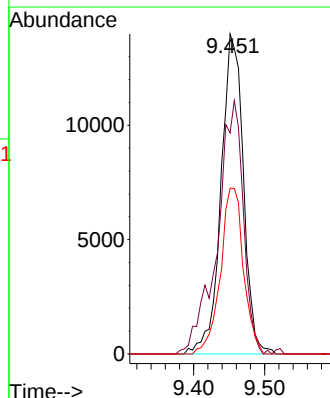
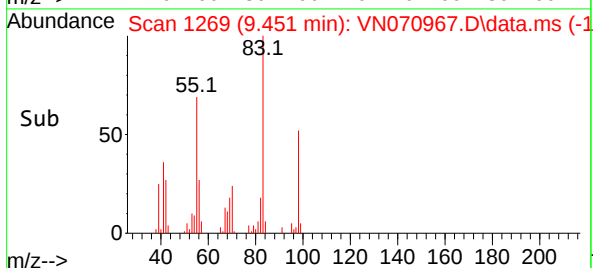
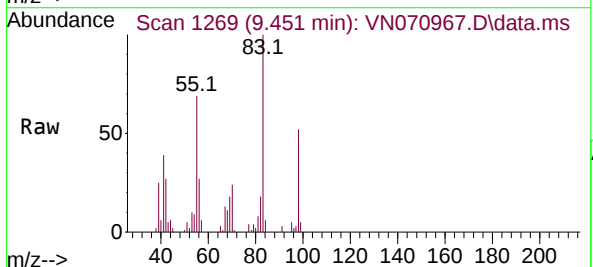
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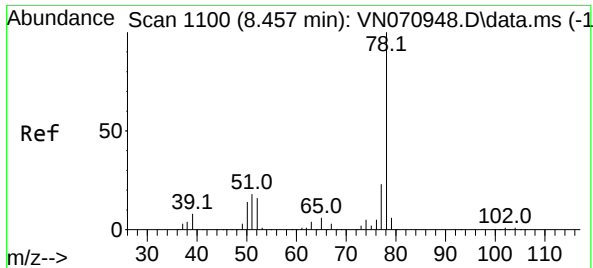
Tgt Ion: 43 Resp: 56396
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.7 7.9 11.9



#39
Methylcyclohexane
Concen: 1.626 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 83 Resp: 30506
Ion Ratio Lower Upper
83 100
55 68.0 58.1 87.1
98 51.8 38.4 57.6

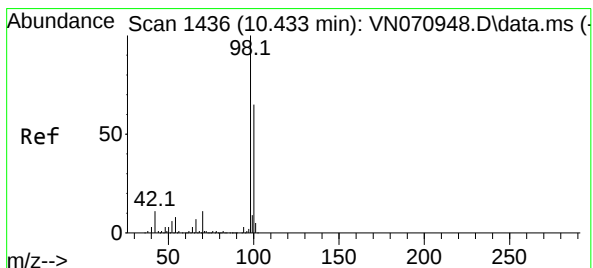
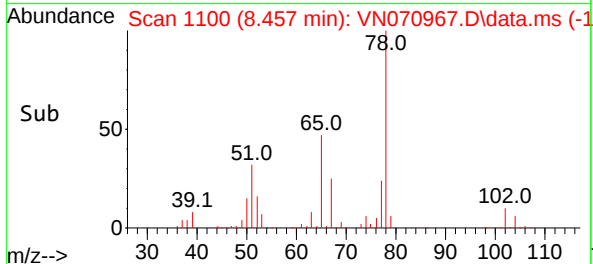
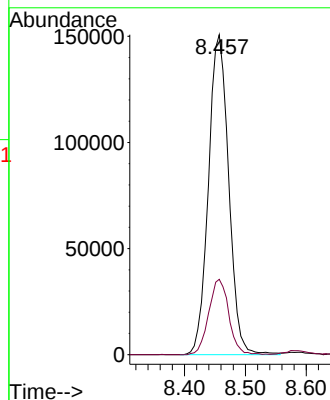
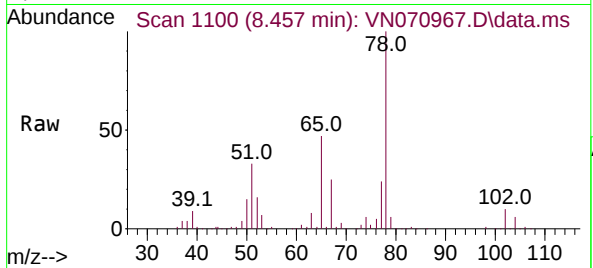




#40
Benzene
Concen: 8.074 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

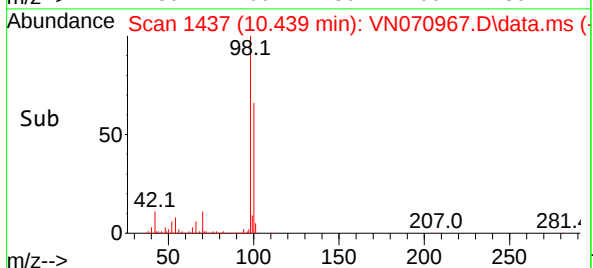
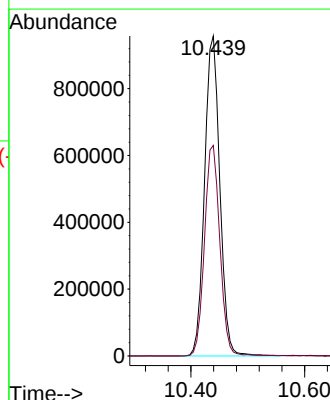
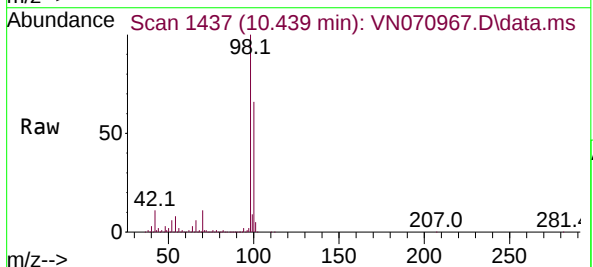
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ClientSampleId :
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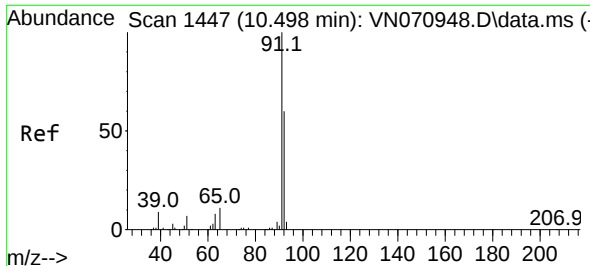
Tgt Ion: 78 Resp: 348263
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



#50
Toluene-d8
Concen: 49.861 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 98 Resp: 1782221
Ion Ratio Lower Upper
98 100
100 66.3 50.4 75.6

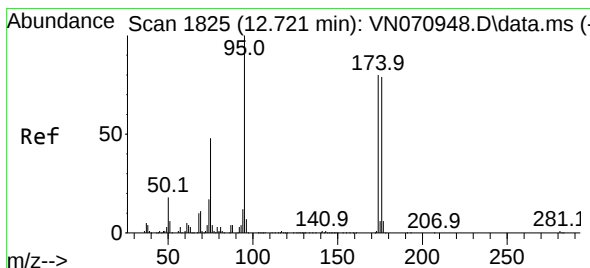
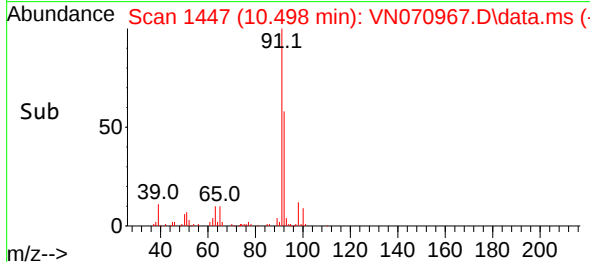
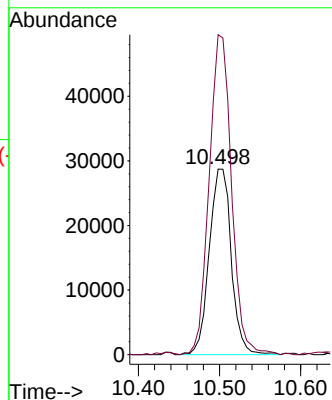
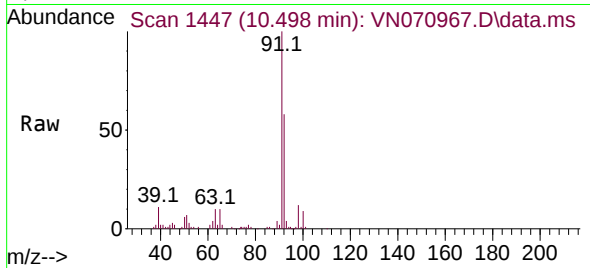




#52
Toluene
Concen: 2.001 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

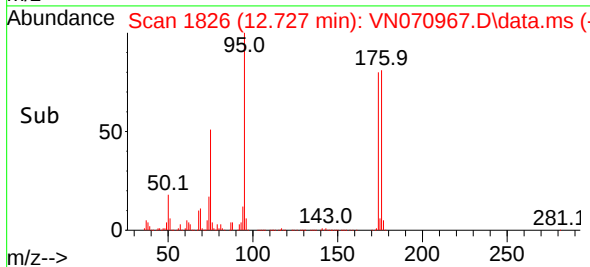
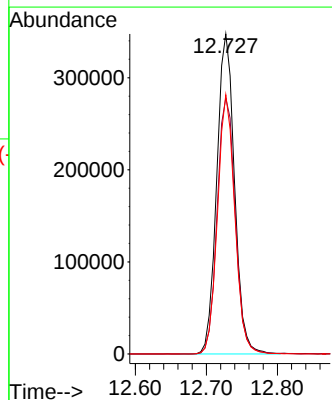
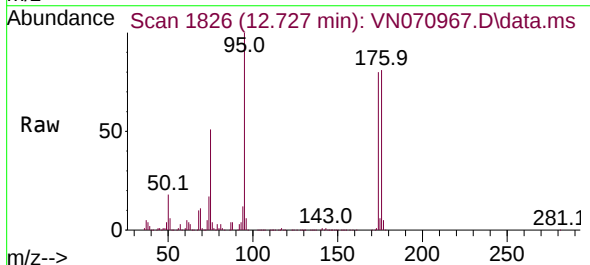
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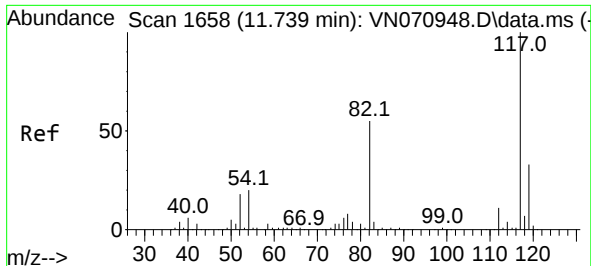
Tgt Ion: 92 Resp: 54237
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.106 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 95 Resp: 601846
Ion Ratio Lower Upper
95 100
174 81.7 0.0 187.2
176 79.0 0.0 181.4

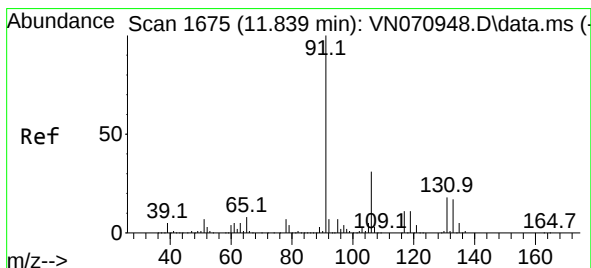
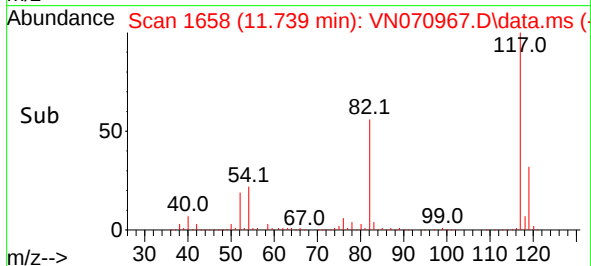
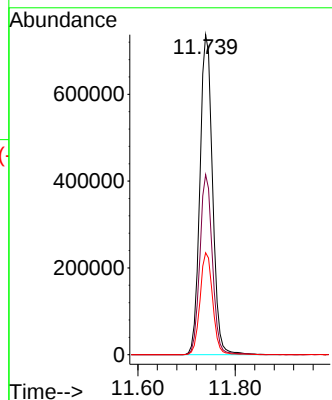
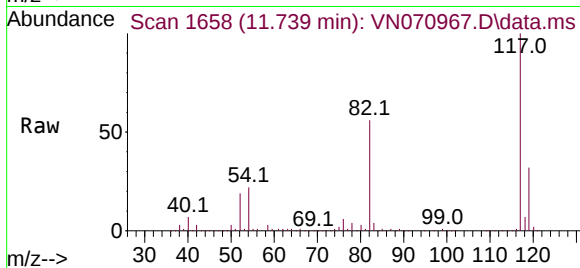




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

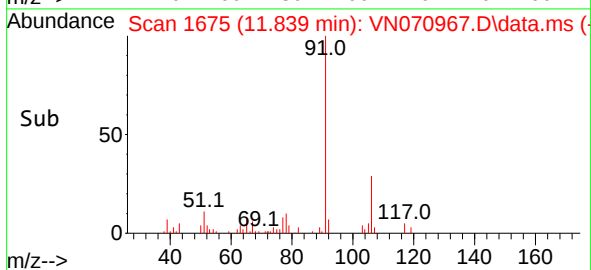
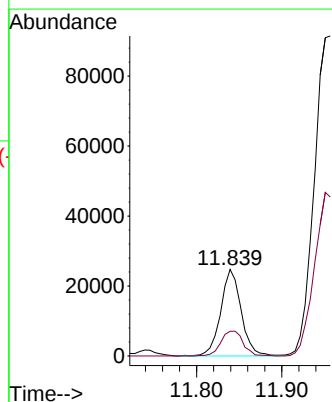
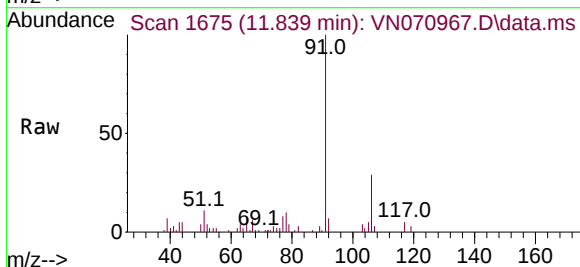
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

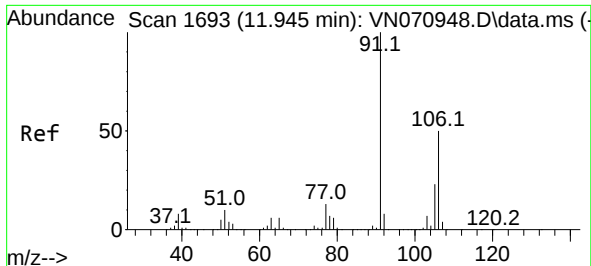
Tgt Ion:117 Resp: 1330762
Ion Ratio Lower Upper
117 100
82 56.2 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 0.826 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 91 Resp: 41432
Ion Ratio Lower Upper
91 100
106 28.5 25.7 38.5

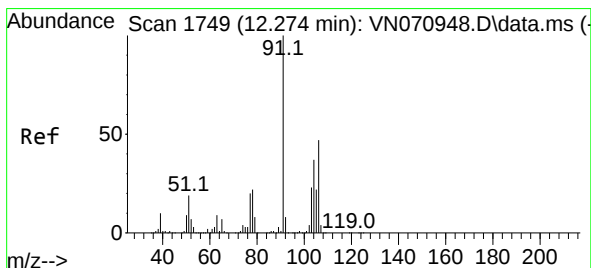
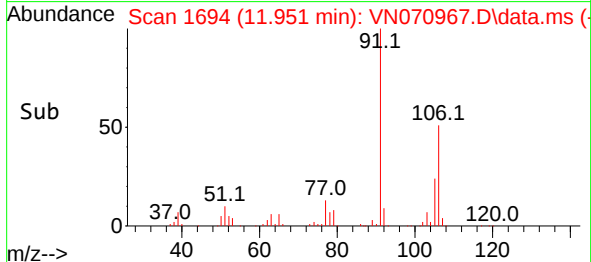
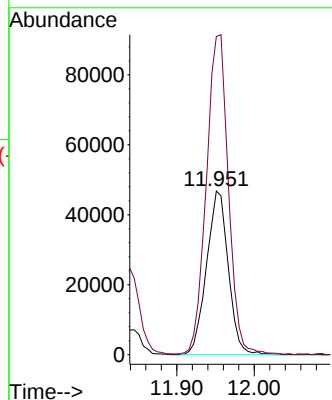
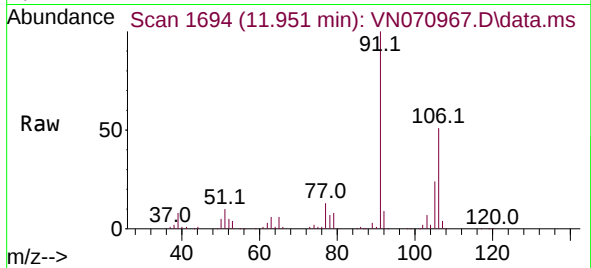




#68
m/p-Xylenes
Concen: 4.707 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

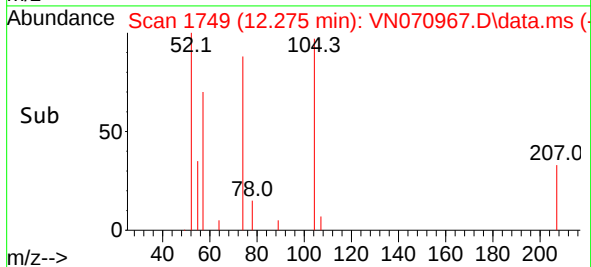
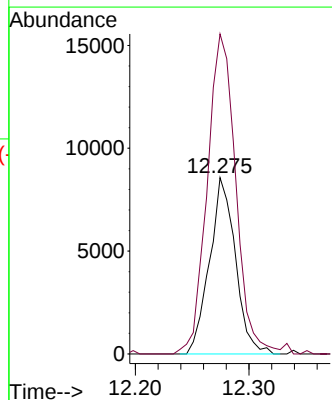
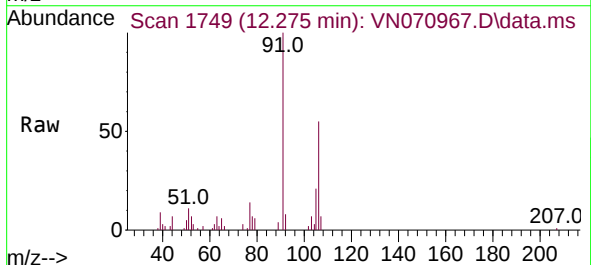
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

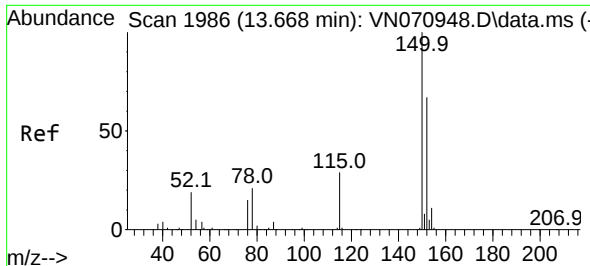
Tgt Ion:106 Resp: 91251
Ion Ratio Lower Upper
106 100
91 198.7 160.6 240.8



#69
o-Xylene
Concen: 0.716 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion:106 Resp: 13566
Ion Ratio Lower Upper
106 100
91 201.1 105.8 317.3

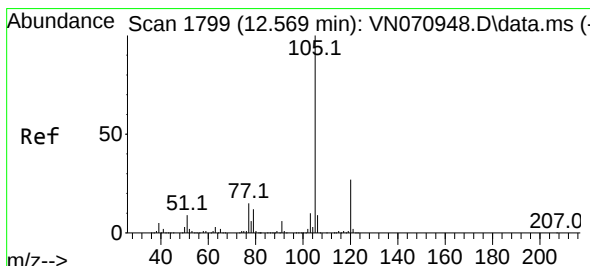
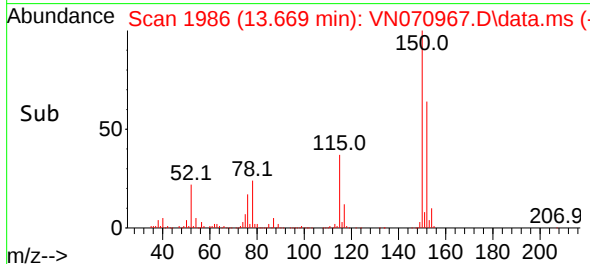
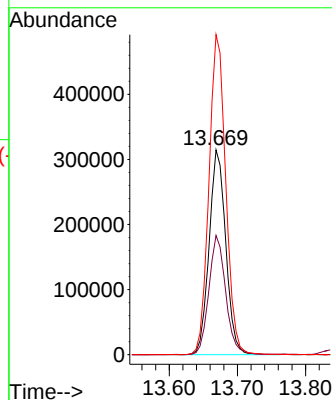
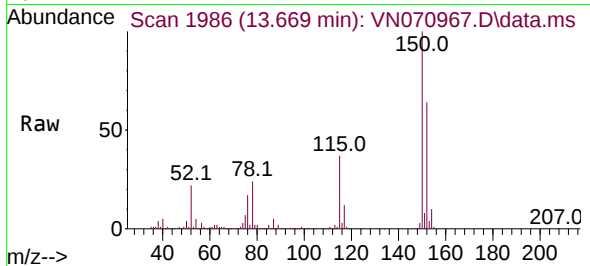




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

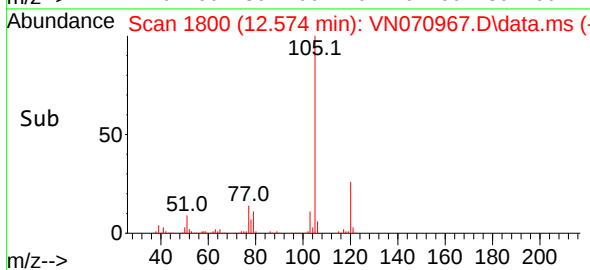
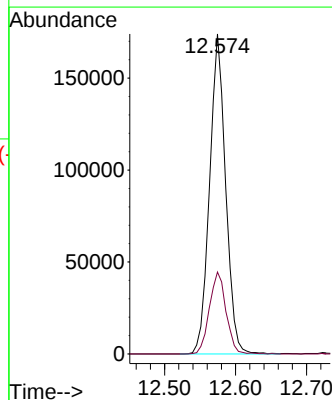
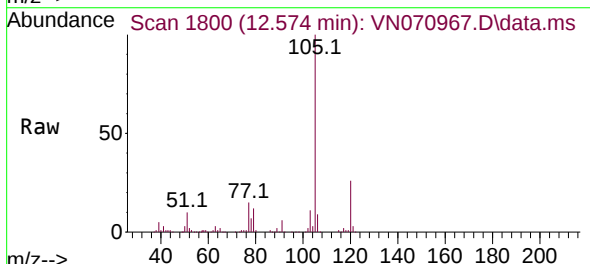
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

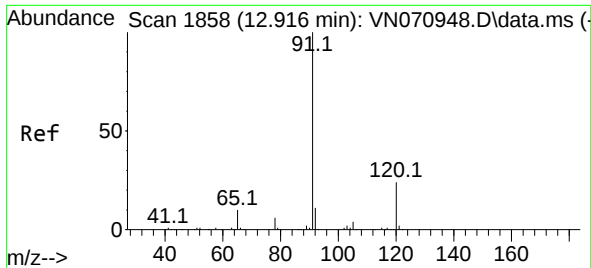
Tgt Ion:152 Resp: 535647
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 157.6 0.0 344.4



#73
Isopropylbenzene
Concen: 6.338 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion:105 Resp: 273270
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

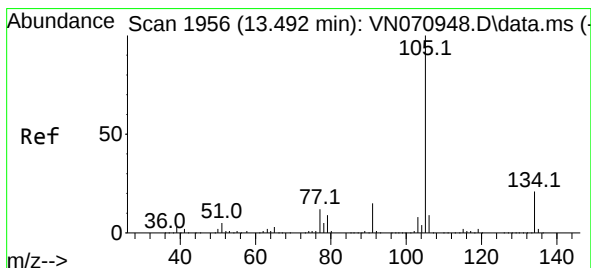
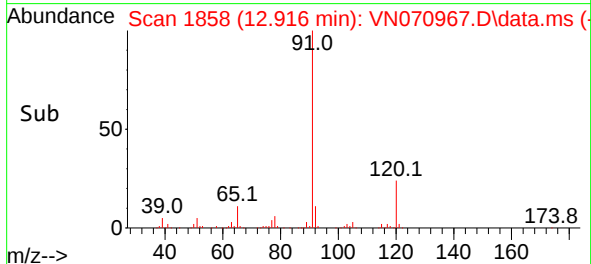
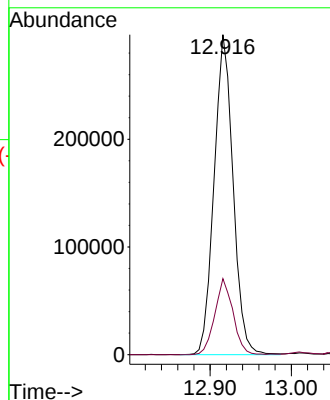
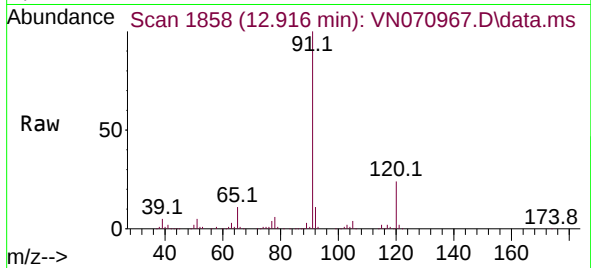




#78
n-propylbenzene
Concen: 9.982 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

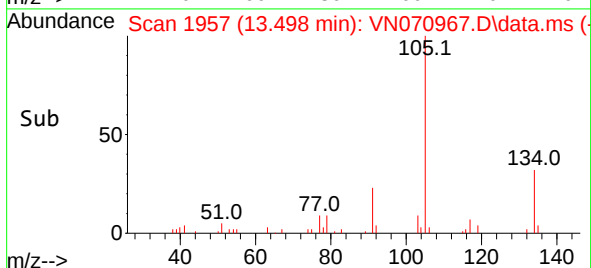
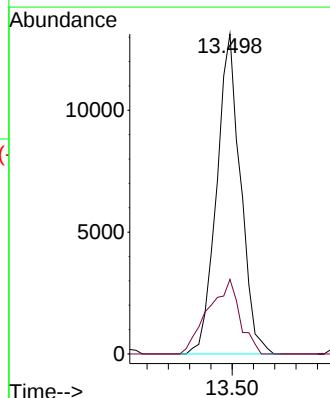
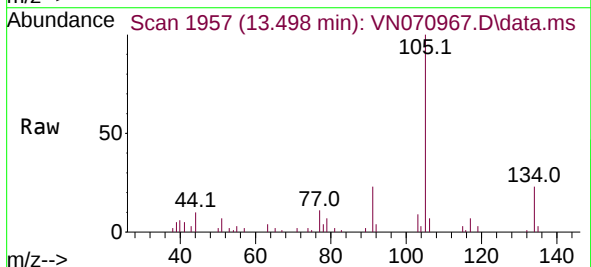
Instrument :
MSVOA_N
ClientSampleId :
MW-22R

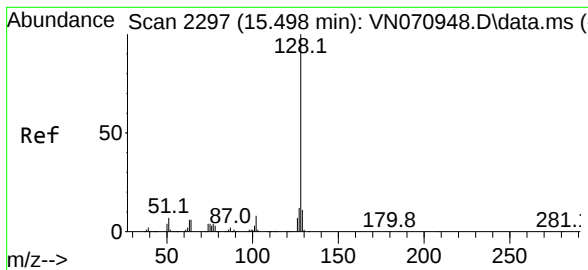
Tgt Ion: 91 Resp: 483560
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9



#85
sec-Butylbenzene
Concen: 0.467 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Tgt Ion: 105 Resp: 20386
Ion Ratio Lower Upper
105 100
134 30.9 10.4 31.1





#95
Naphthalene
Concen: 20.342 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070967.D
Acq: 16 Feb 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
MW-22R

Tgt Ion:	128	Resp:	408400
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.9	8.7	13.1

