

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072149.D
 Acq On : 22 Apr 2022 11:59
 Operator : JC\MD
 Sample : N2482-08DL2 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14RDL2

Quant Time: Apr 23 03:13:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

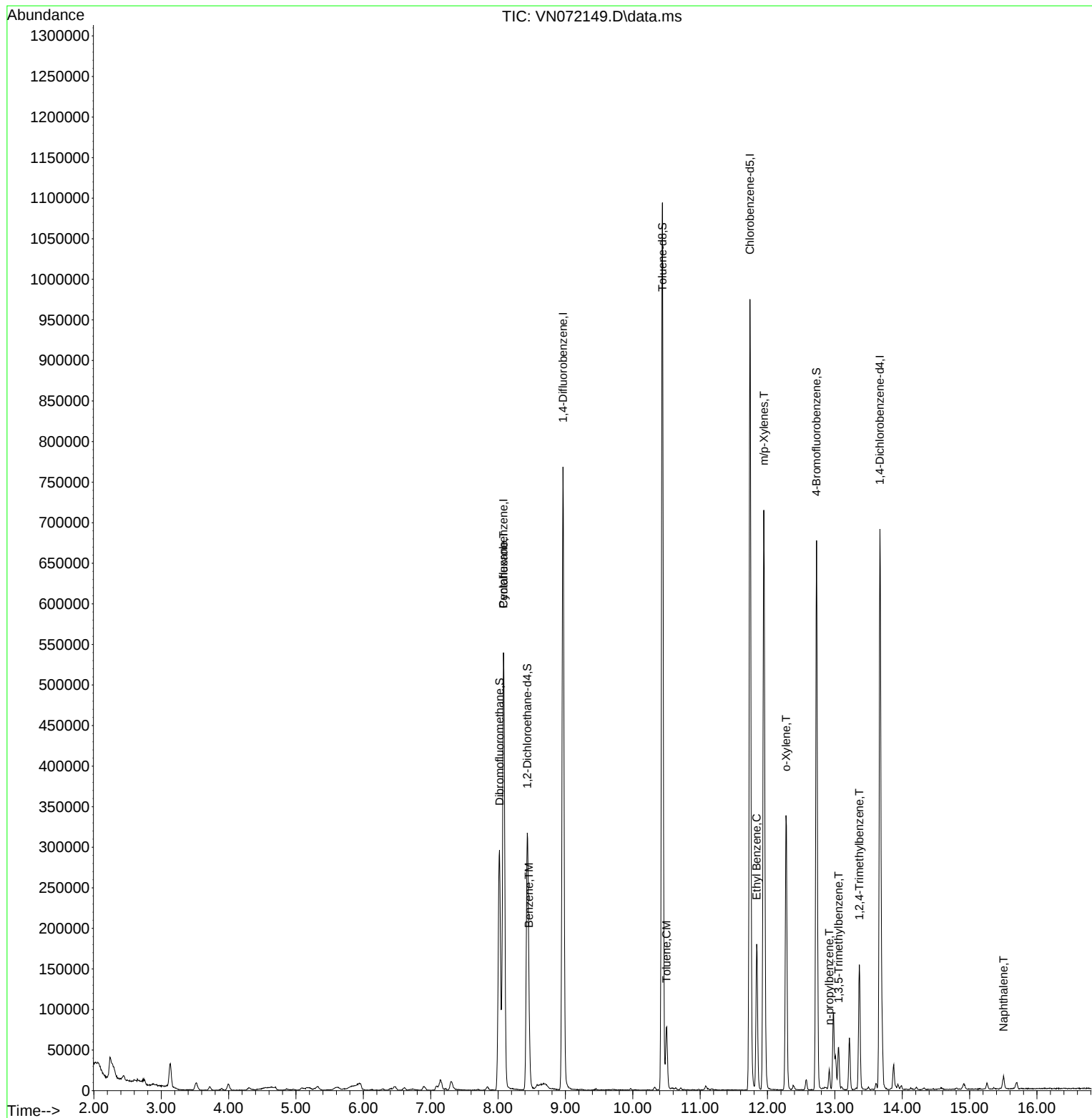
Internal Standards						
1) Pentafluorobenzene	8.081	168	454849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	713936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	618309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	210791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	250462	48.234	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.460%		
35) Dibromofluoromethane	8.022	113	224350	53.403	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.800%		
50) Toluene-d8	10.439	98	808465	47.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.080%		
62) 4-Bromofluorobenzene	12.727	95	239563	43.101	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.200%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.081	56	10001	1.416	ug/l #	2
40) Benzene	8.457	78	52997	2.860	ug/l	100
52) Toluene	10.498	92	33052	2.821	ug/l	99
67) Ethyl Benzene	11.839	91	135679	6.474	ug/l	100
68) m/p-Xylenes	11.945	106	251466	31.227	ug/l	97
69) o-Xylene	12.274	106	105275	13.171	ug/l	96
78) n-propylbenzene	12.916	91	19894	1.065	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	30095	2.138	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	94614	6.890	ug/l	100
95) Naphthalene	15.504	128	17800	5.516	ug/l	97

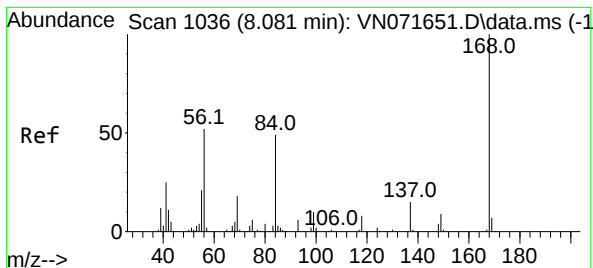
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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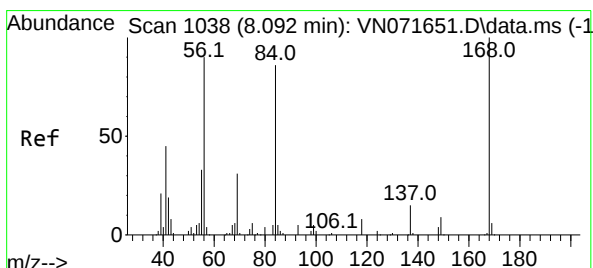
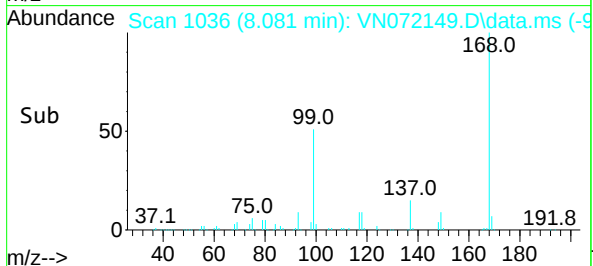
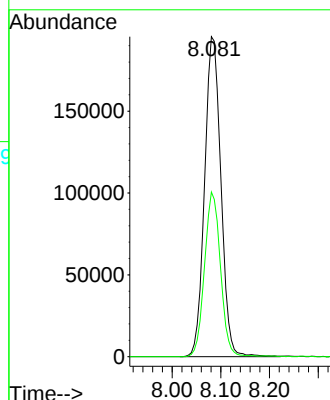
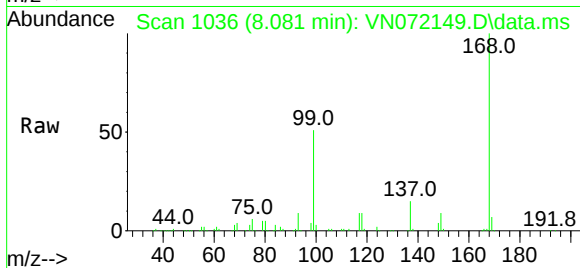




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

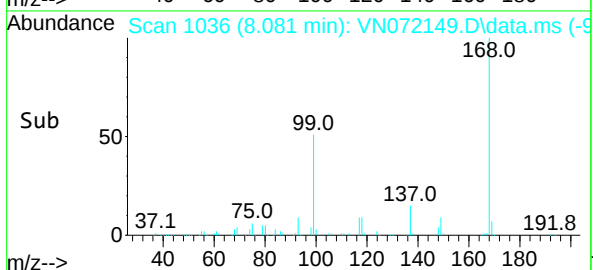
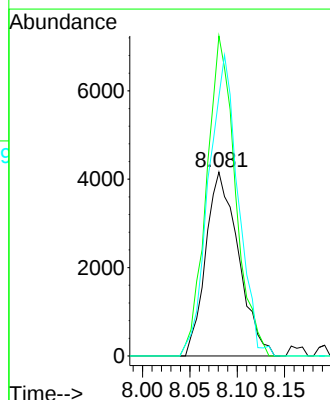
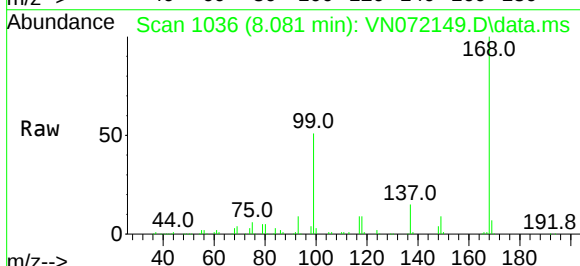
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL2

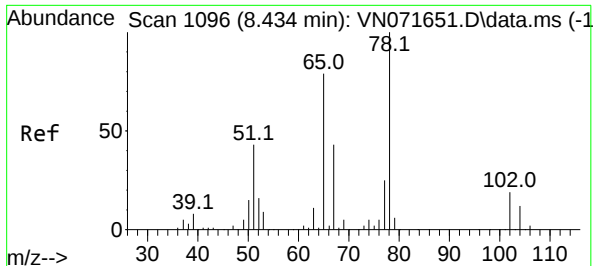
Tgt Ion:168 Resp: 454849
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 56 Resp: 10001
Ion Ratio Lower Upper
56 100
69 174.0 27.8 41.8#
84 141.0 76.9 115.3#

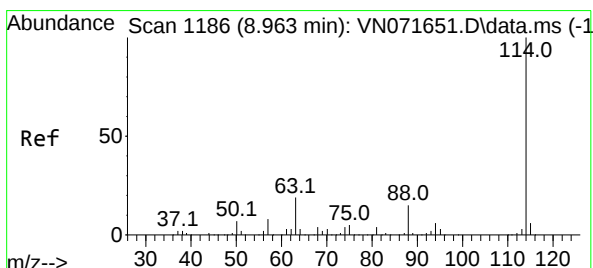
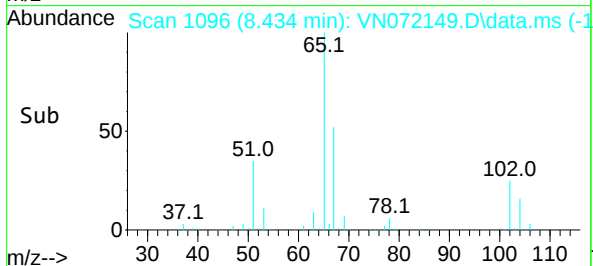
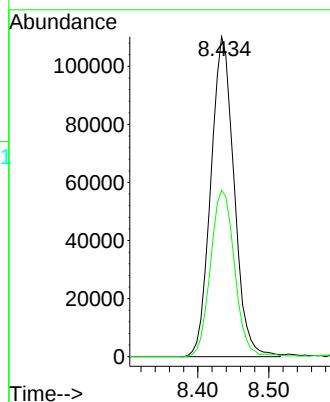
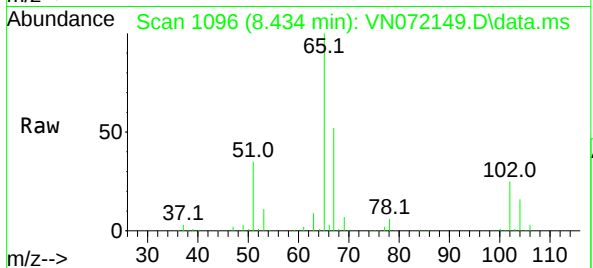




#33
 1,2-Dichloroethane-d4
 Concen: 48.234 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: VN072149.D
 Acq: 22 Apr 2022 11:59

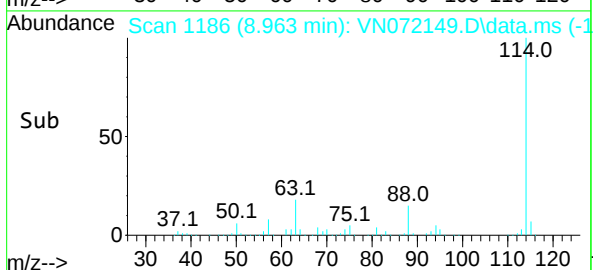
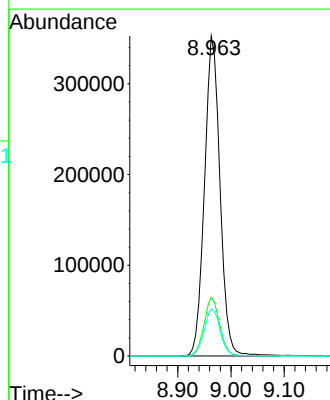
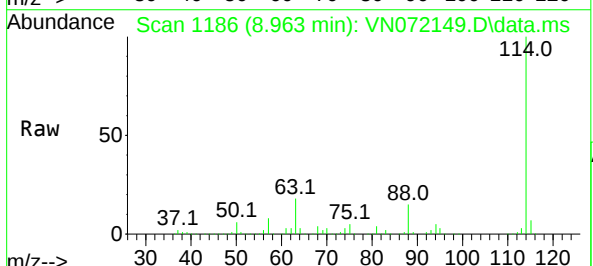
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14RDL2

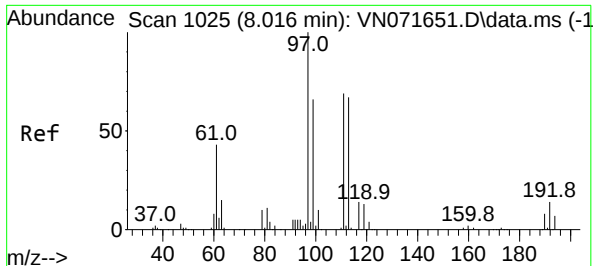
Tgt Ion: 65 Resp: 250462
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN072149.D
 Acq: 22 Apr 2022 11:59

Tgt Ion: 114 Resp: 713936
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.0
 88 14.8 0.0 32.6

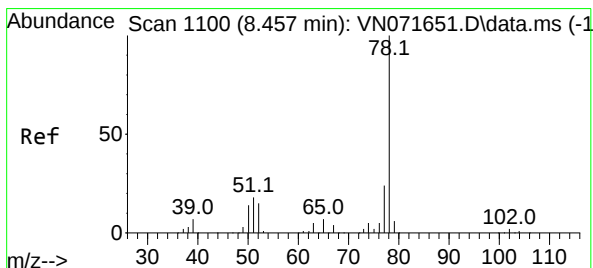
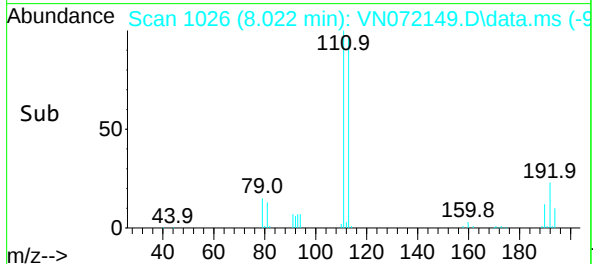
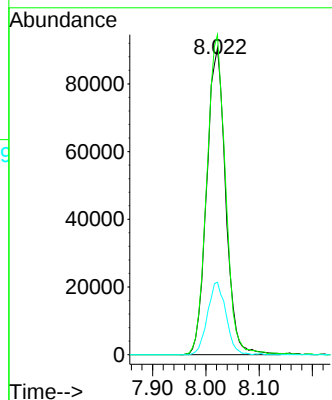
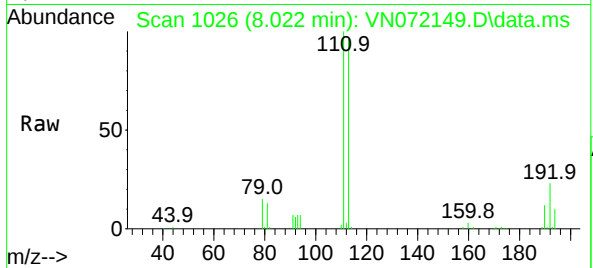




#35
Dibromofluoromethane
Concen: 53.403 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

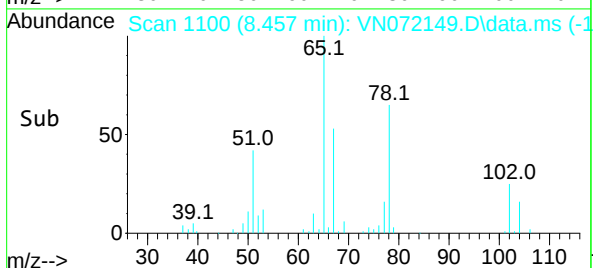
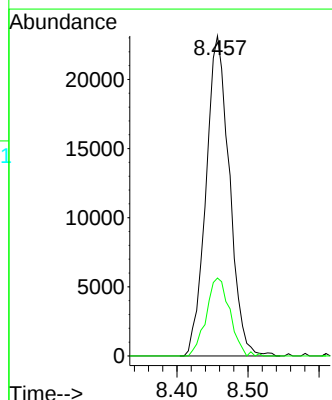
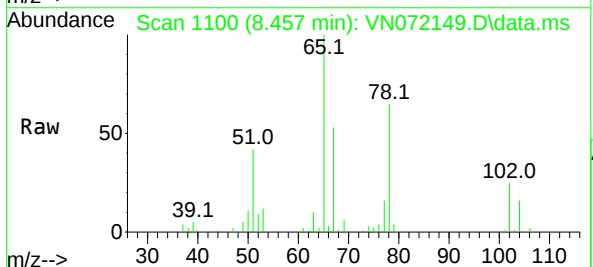
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL2

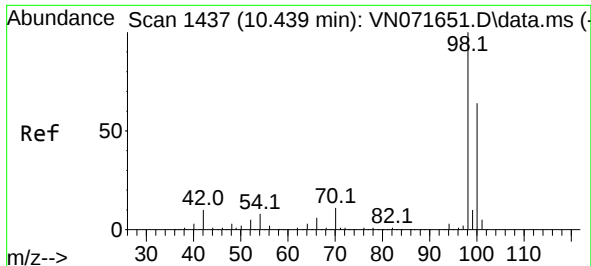
Tgt Ion:113 Resp: 224350
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 23.0 17.0 25.6



#40
Benzene
Concen: 2.860 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 78 Resp: 52997
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

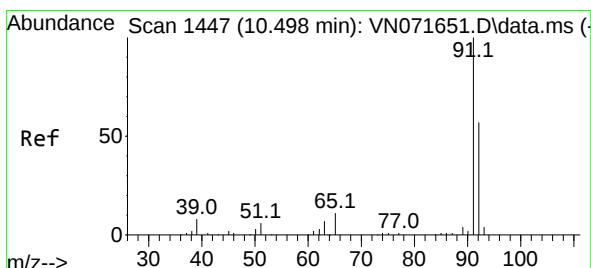
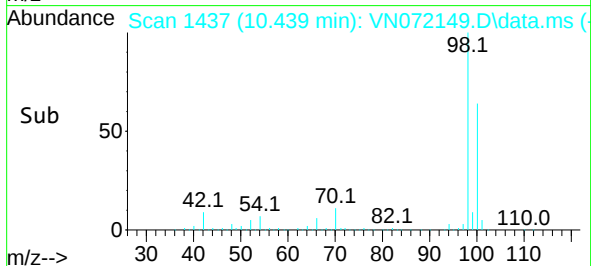
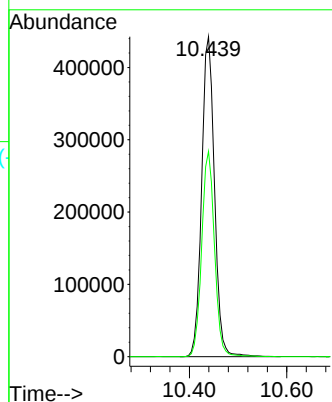
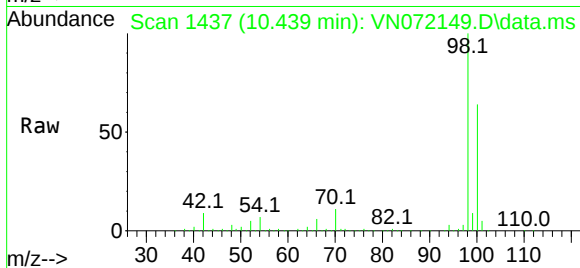




#50
Toluene-d8
Concen: 47.043 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

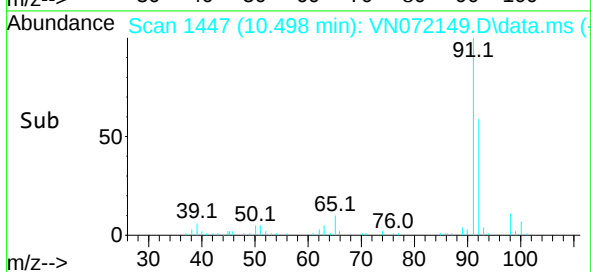
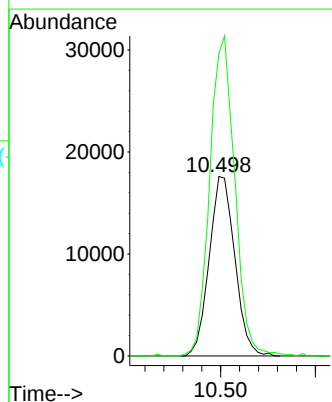
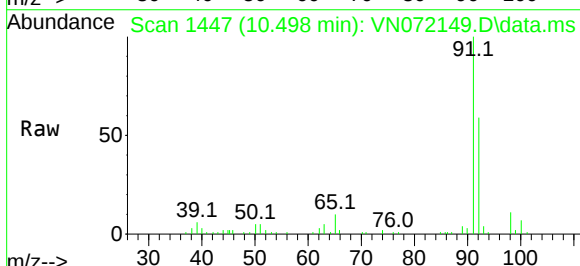
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL2

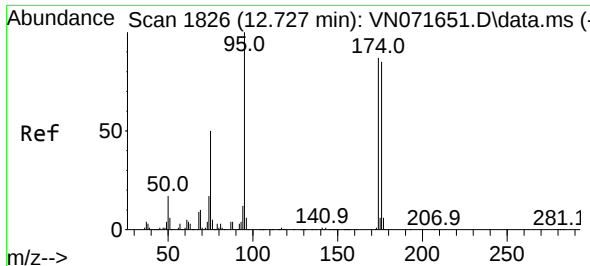
Tgt Ion: 98 Resp: 808465
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#52
Toluene
Concen: 2.821 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 92 Resp: 33052
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8

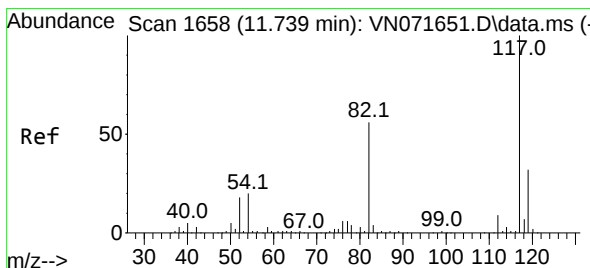
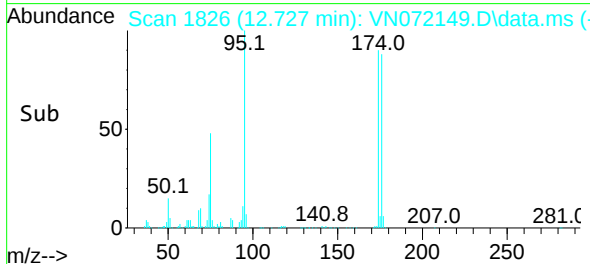
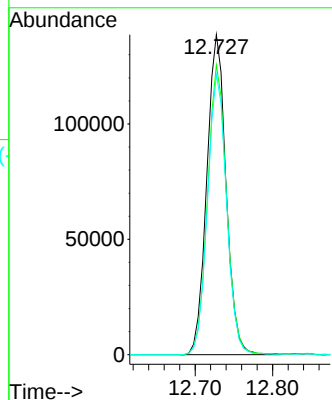
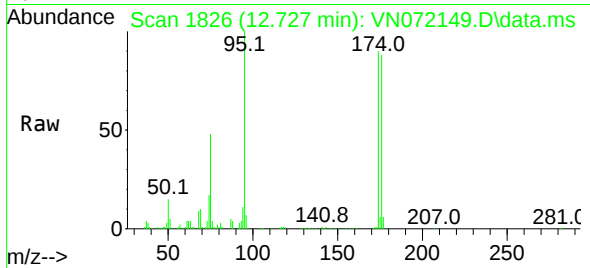




#62
4-Bromofluorobenzene
Concen: 43.101 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

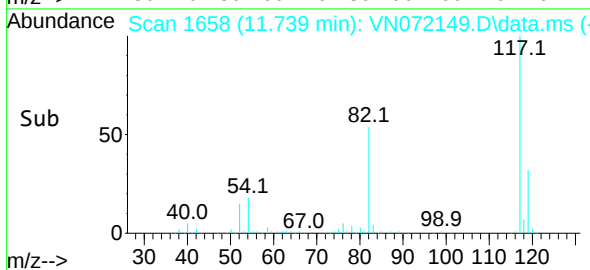
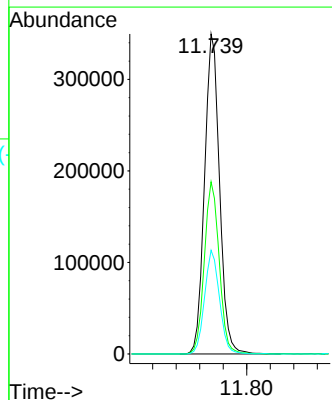
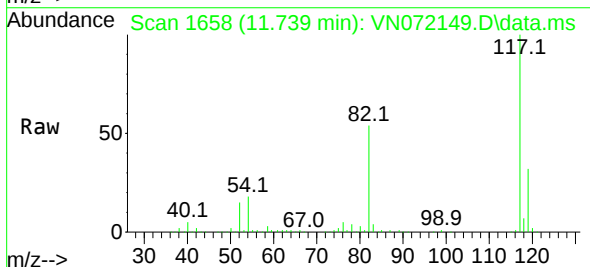
Instrument :
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ClientSampleId :
MW-14RDL2

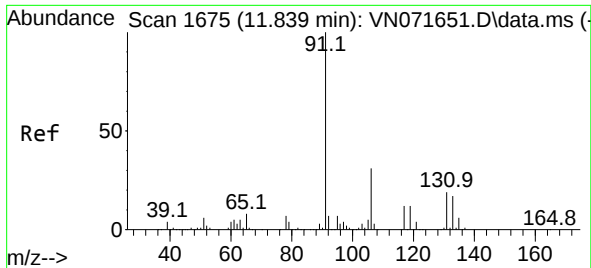
Tgt Ion: 95 Resp: 239563
Ion Ratio Lower Upper
95 100
174 89.8 0.0 167.6
176 86.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 117 Resp: 618309
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.4 25.4 38.0

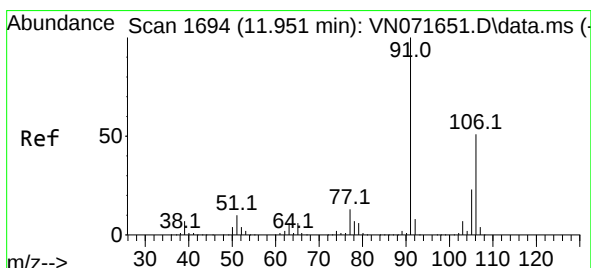
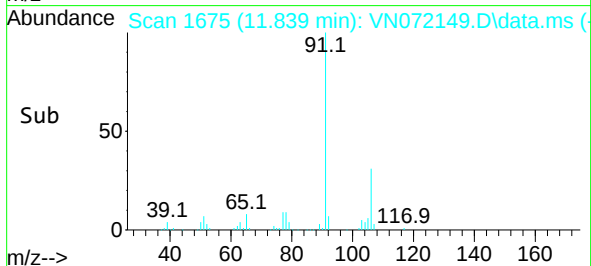
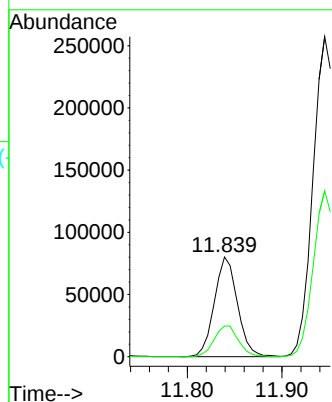
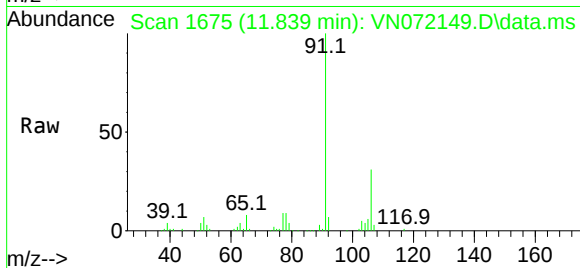




#67
Ethyl Benzene
Concen: 6.474 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

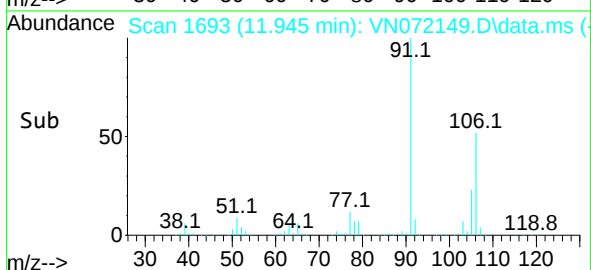
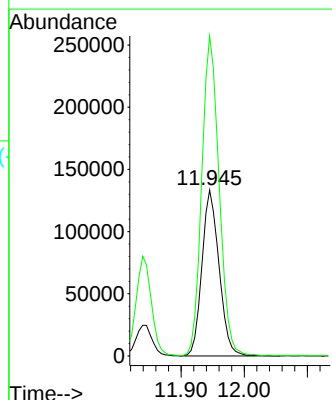
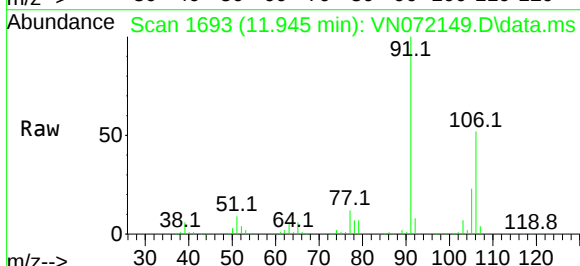
Instrument :
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MW-14RDL2

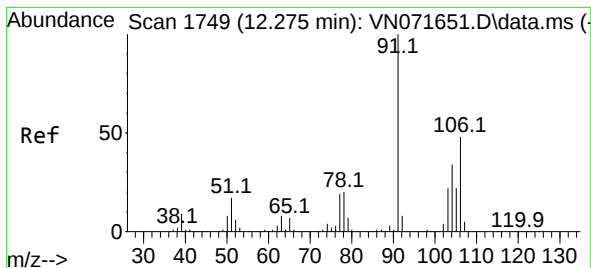
Tgt Ion: 91 Resp: 135679
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 31.227 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 106 Resp: 251466
Ion Ratio Lower Upper
106 100
91 194.8 158.9 238.3





#69

o-Xylene

Concen: 13.171 ug/l

RT: 12.274 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN072149.D

Acq: 22 Apr 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

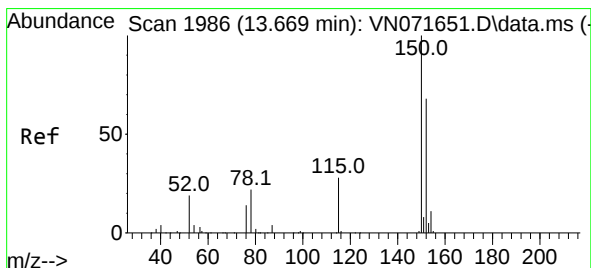
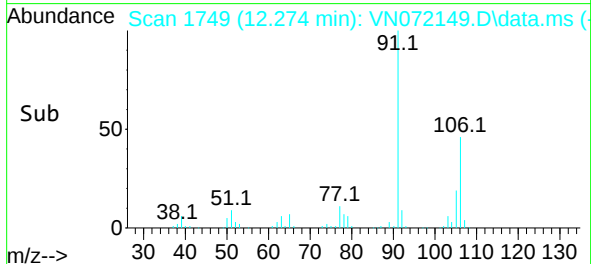
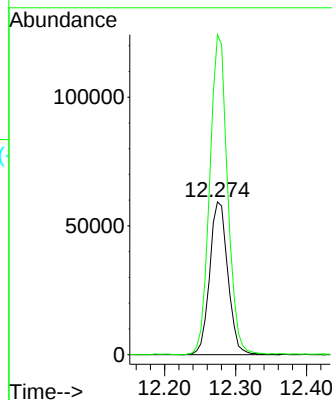
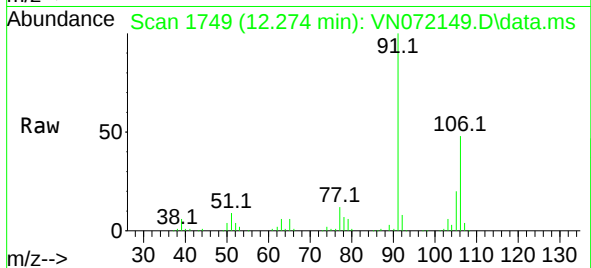
MW-14RDL2

Tgt Ion:106 Resp: 105275

Ion Ratio Lower Upper

106 100

91 206.4 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072149.D

Acq: 22 Apr 2022 11:59

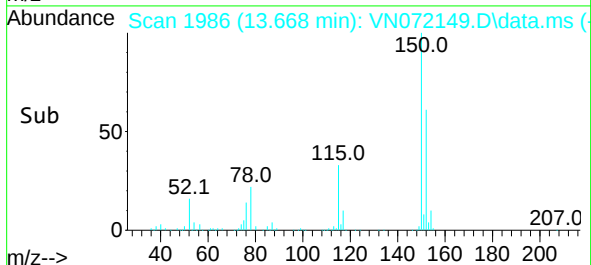
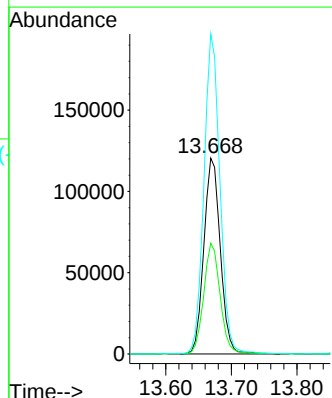
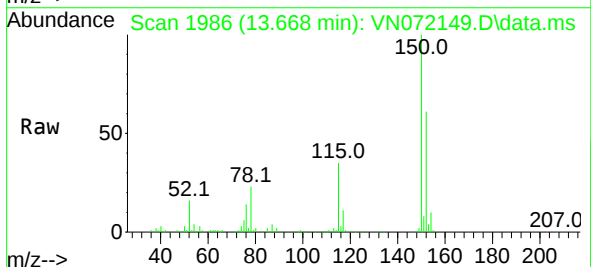
Tgt Ion:152 Resp: 210791

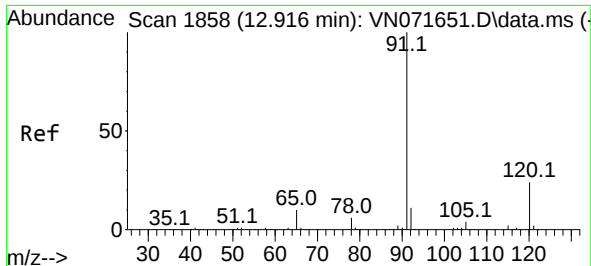
Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 159.0 0.0 356.2

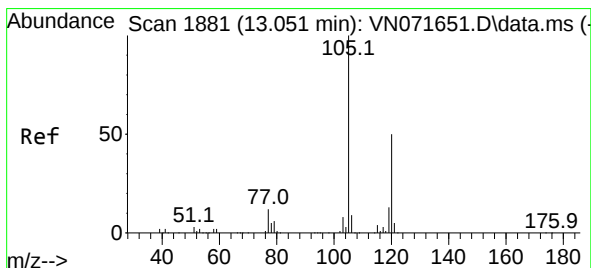
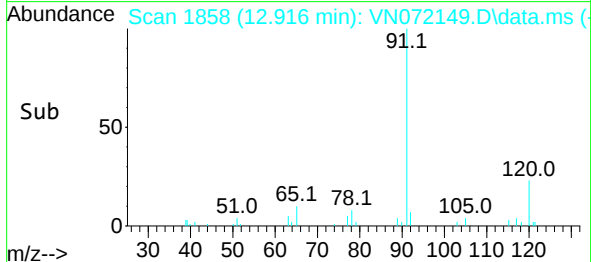
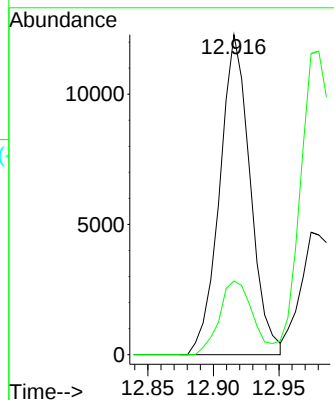
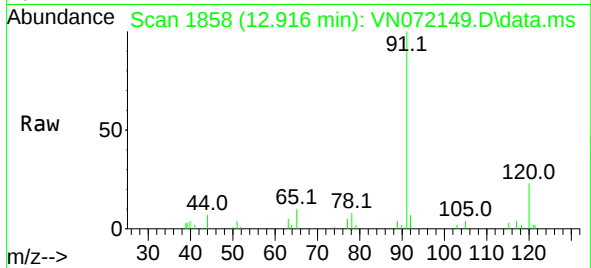




#78
n-propylbenzene
Concen: 1.065 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

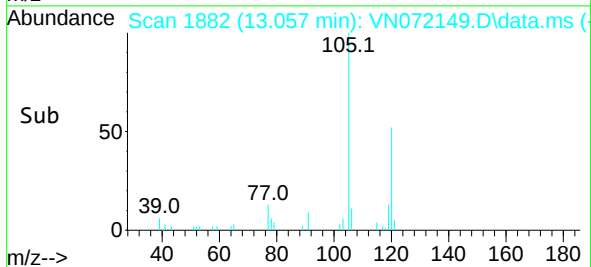
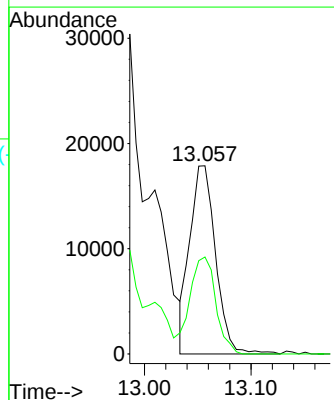
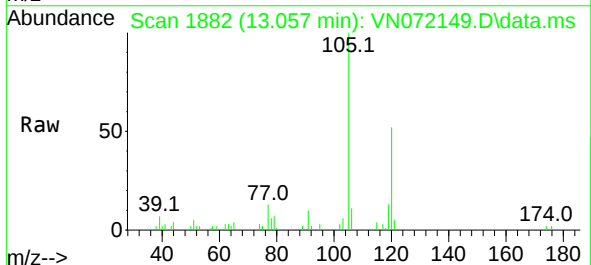
Instrument :
MSVOA_N
ClientSampleId :
MW-14RDL2

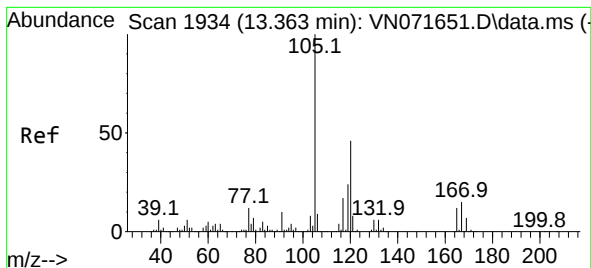
Tgt Ion: 91 Resp: 19894
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.138 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072149.D
Acq: 22 Apr 2022 11:59

Tgt Ion: 105 Resp: 30095
Ion Ratio Lower Upper
105 100
120 52.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 6.890 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072149.D

Acq: 22 Apr 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

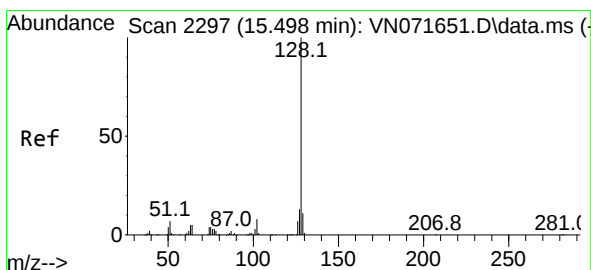
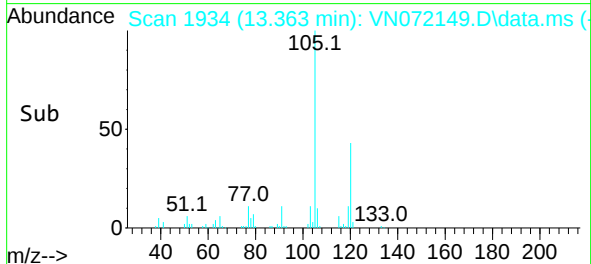
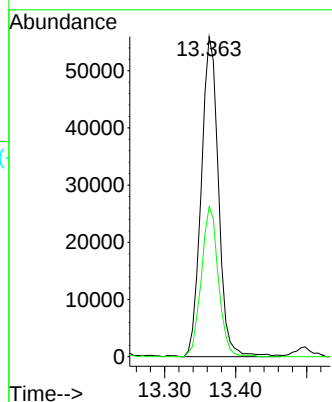
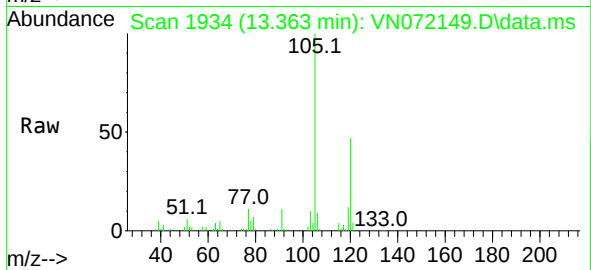
MW-14RDL2

Tgt Ion:105 Resp: 94614

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.8



#95

Naphthalene

Concen: 5.516 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072149.D

Acq: 22 Apr 2022 11:59

Tgt Ion:128 Resp: 17800

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 9.7 8.6 13.0

