

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072266.D
 Acq On : 29 Apr 2022 13:46
 Operator : JC\MD
 Sample : N2617-11DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Quant Time: Apr 30 03:13:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

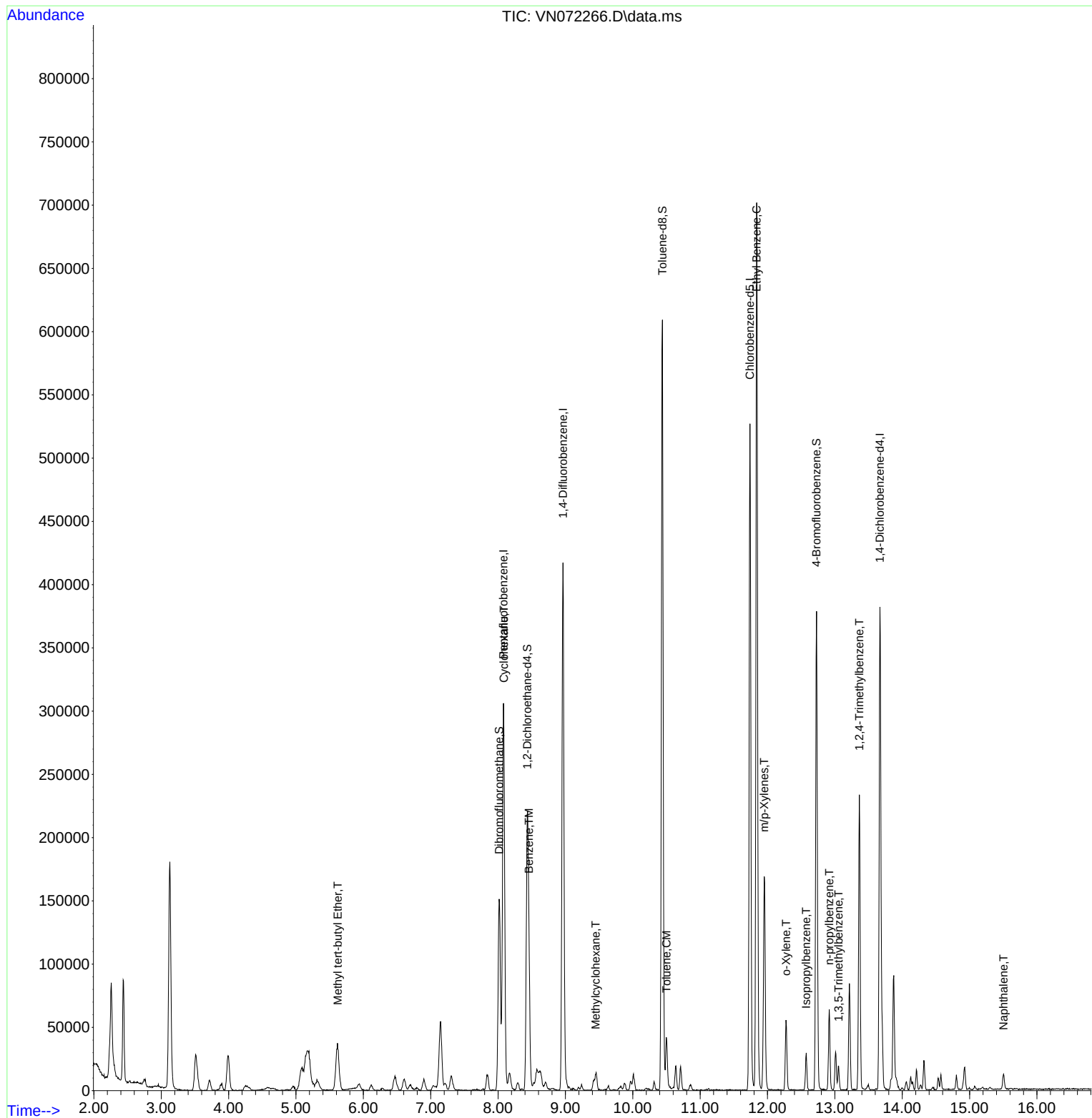
Internal Standards						
1) Pentafluorobenzene	8.081	168	196672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	332352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	288688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	97679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	172194	57.030	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.060%			
35) Dibromofluoromethane	8.016	113	111117	52.235	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.480%			
50) Toluene-d8	10.439	98	410702	49.134	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.260%			
62) 4-Bromofluorobenzene	12.727	95	132808	47.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.740%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	5.622	73	19038	2.586	ug/l	# 1
31) Cyclohexane	8.086	56	14887	3.690	ug/l	# 76
39) Methylcyclohexane	9.451	83	5356	1.547	ug/l	# 88
40) Benzene	8.457	78	85509	8.903	ug/l	99
52) Toluene	10.498	92	16193	2.820	ug/l	98
67) Ethyl Benzene	11.839	91	491841	48.350	ug/l	97
68) m/p-Xylenes	11.951	106	49755	13.172	ug/l	85
69) o-Xylene	12.274	106	14701	4.014	ug/l	92
73) Isopropylbenzene	12.574	105	17988	2.085	ug/l	98
78) n-propylbenzene	12.915	91	48991	5.155	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	9620	1.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	129128	18.576	ug/l	95
95) Naphthalene	15.504	128	12340	6.529	ug/l	98

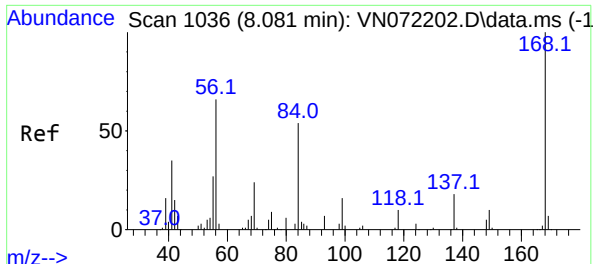
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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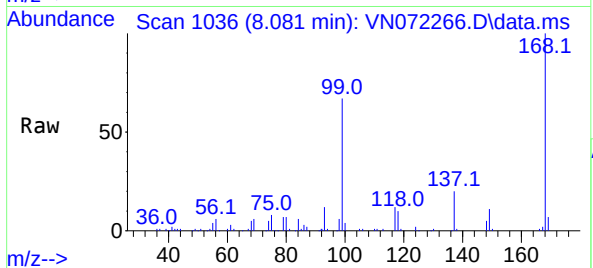
Quant Time: Apr 30 03:13:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
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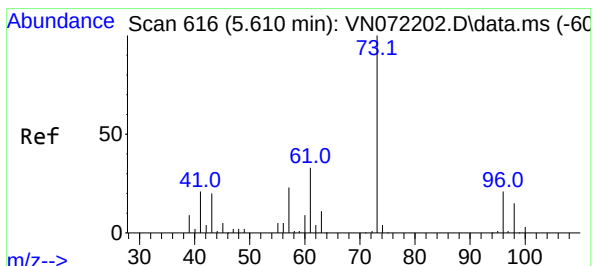
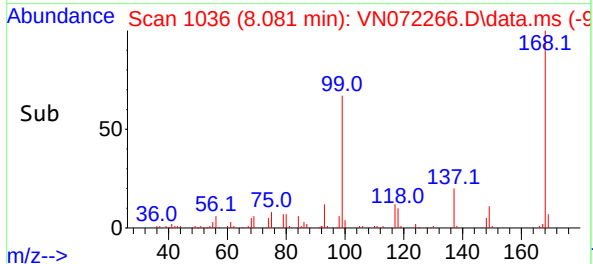
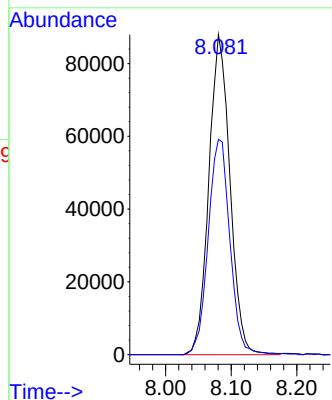


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

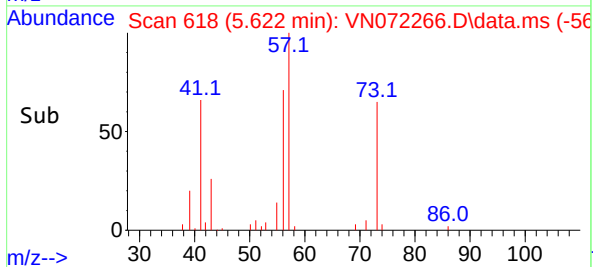
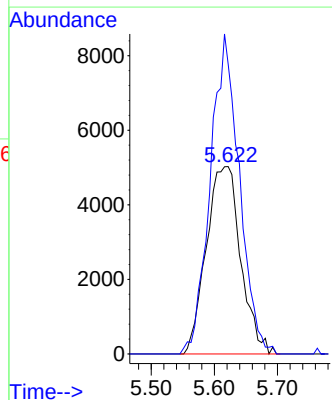
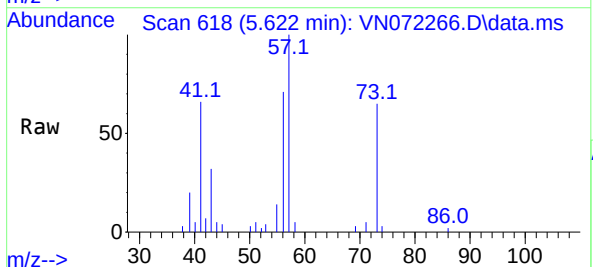


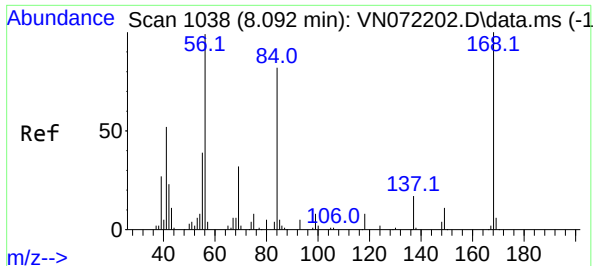
Tgt Ion:168 Resp: 196672
Ion Ratio Lower Upper
168 100
99 67.3 42.3 63.5#



#19
Methyl tert-butyl Ether
Concen: 2.586 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion: 73 Resp: 19038
Ion Ratio Lower Upper
73 100
57 154.6 17.6 26.4#





#31

Cyclohexane

Concen: 3.690 ug/l

RT: 8.086 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VN072266.D

Acq: 29 Apr 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

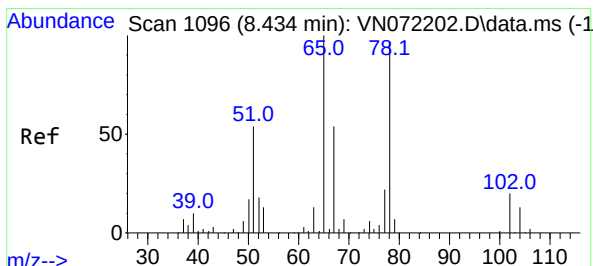
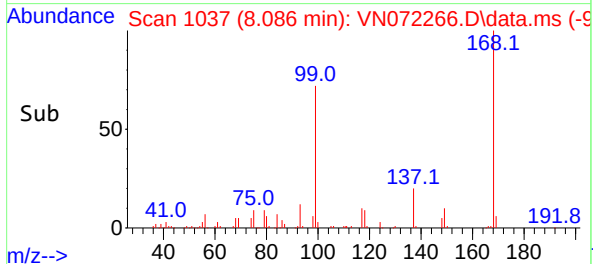
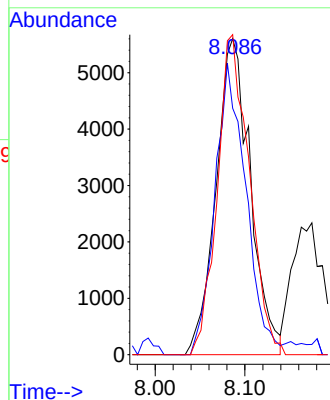
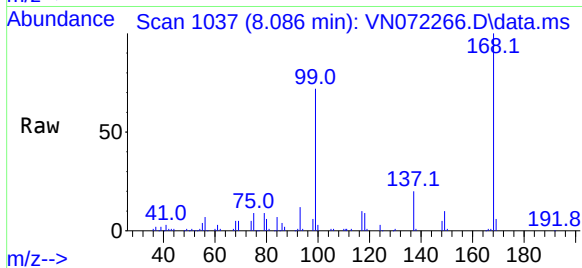
Tgt Ion: 56 Resp: 14887

Ion Ratio Lower Upper

56 100

69 78.0 27.8 41.8#

84 101.2 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 57.030 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072266.D

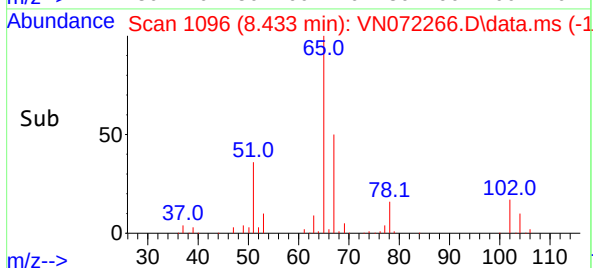
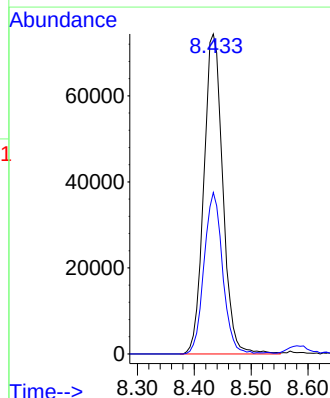
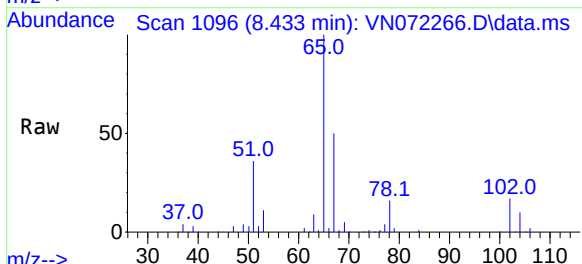
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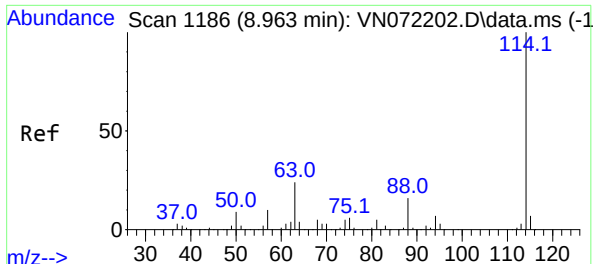
Tgt Ion: 65 Resp: 172194

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.8

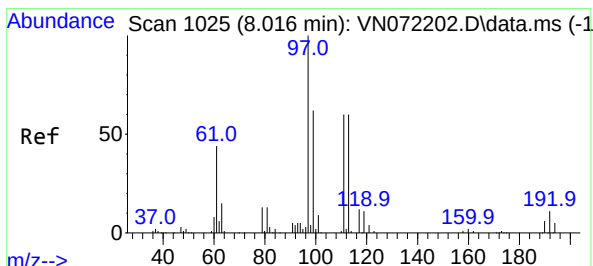
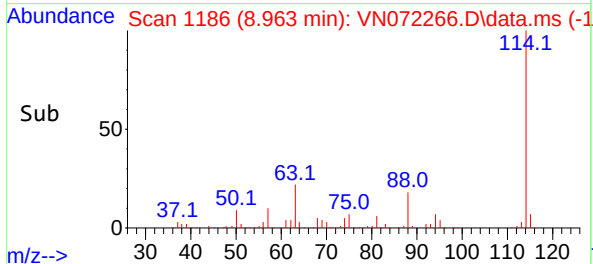
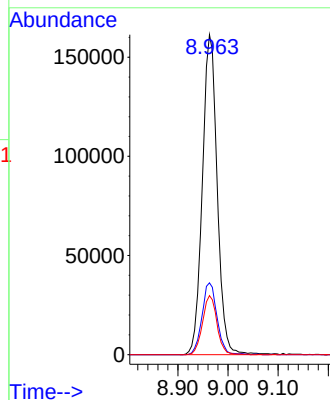
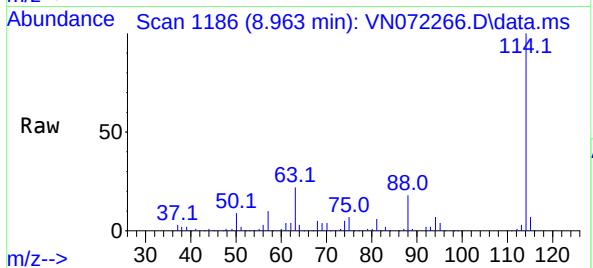




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

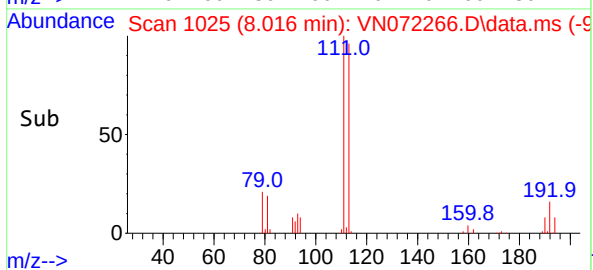
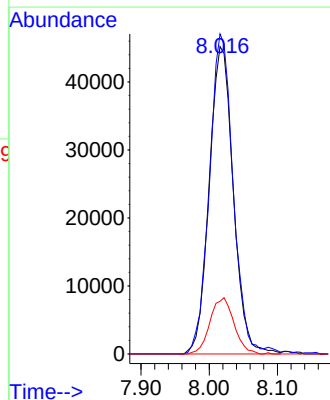
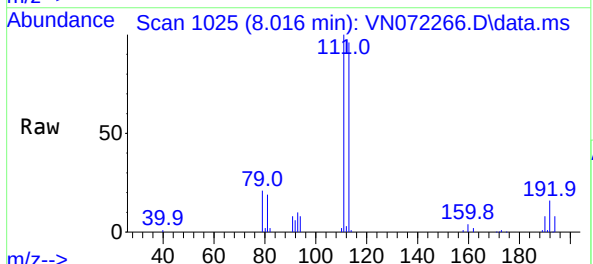
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

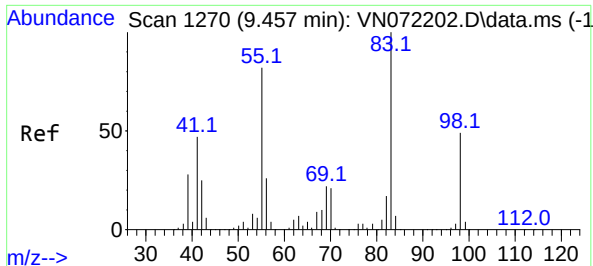
Tgt Ion:114 Resp: 332352
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 18.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.235 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion:113 Resp: 111117
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.2 17.0 25.6





#39

Methylcyclohexane

Concen: 1.547 ug/l

RT: 9.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN072266.D

Acq: 29 Apr 2022 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

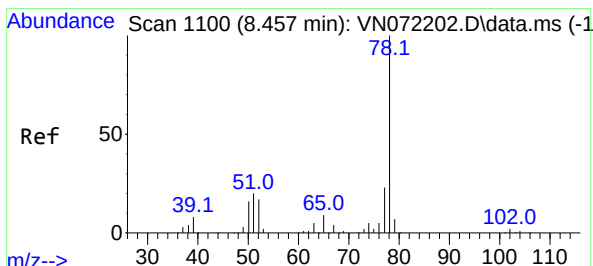
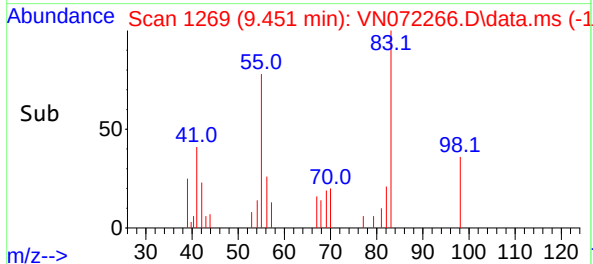
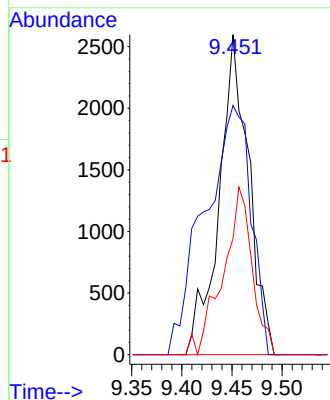
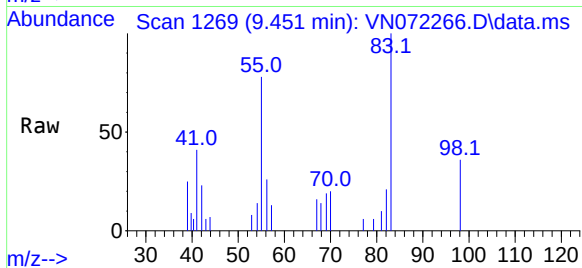
Tgt Ion: 83 Resp: 5356

Ion Ratio Lower Upper

83 100

55 77.9 57.8 86.8

98 36.2 39.4 59.2#



#40

Benzene

Concen: 8.903 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072266.D

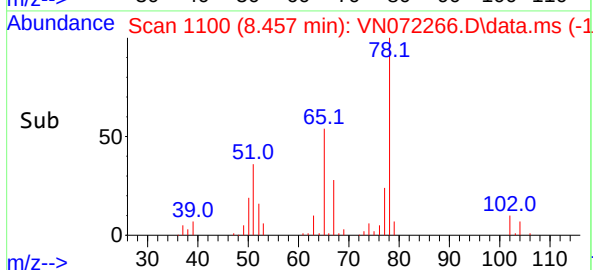
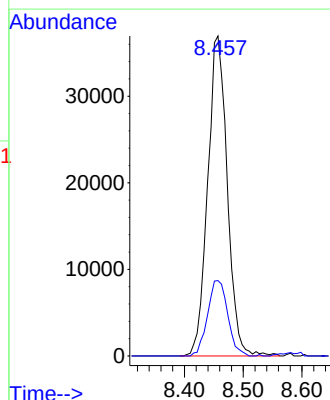
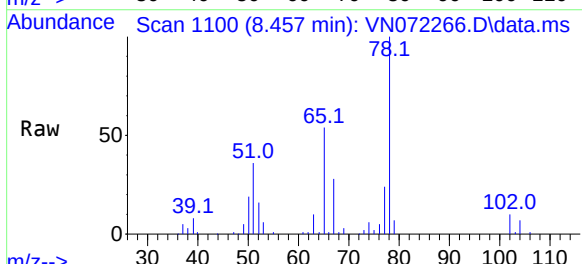
Acq: 29 Apr 2022 13:46

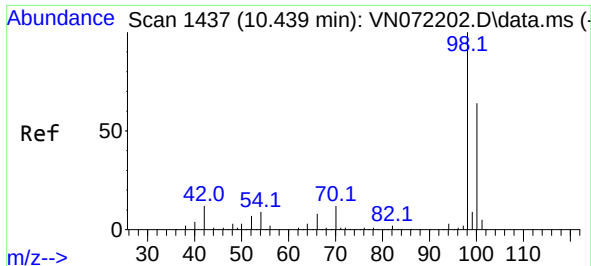
Tgt Ion: 78 Resp: 85509

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

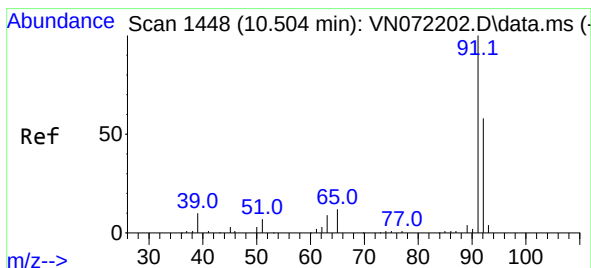
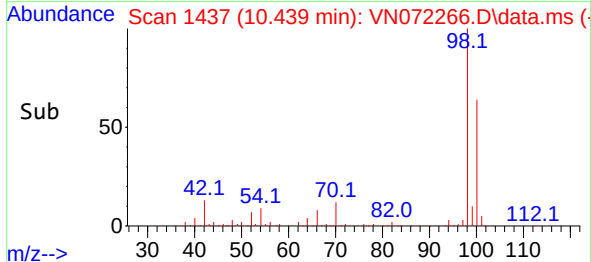
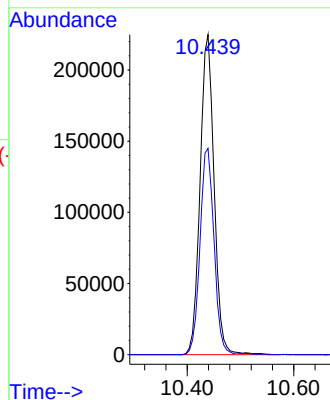
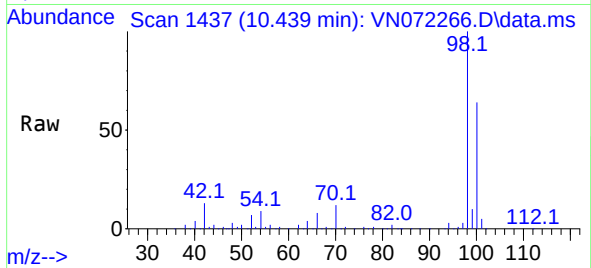




#50
Toluene-d8
Concen: 49.134 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

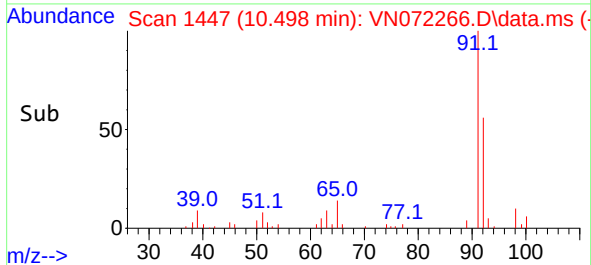
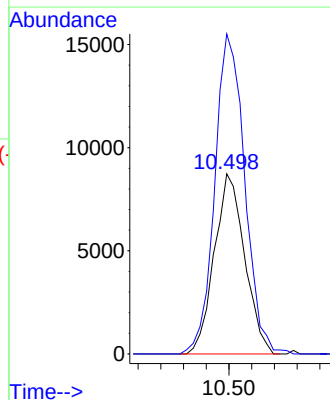
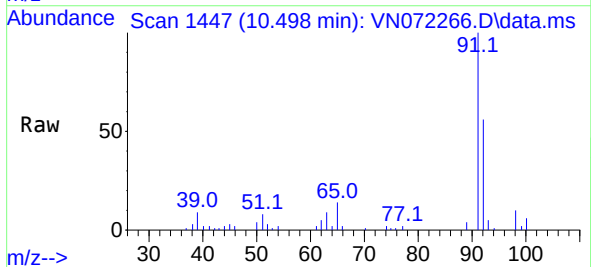
Instrument :
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MW-14DL

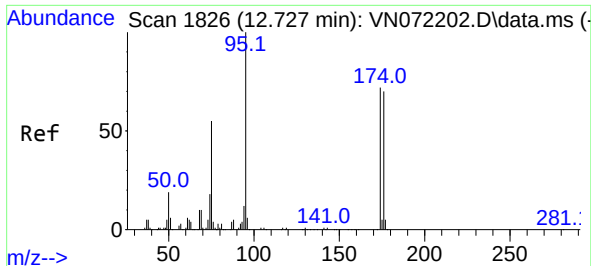
Tgt Ion: 98 Resp: 410702
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#52
Toluene
Concen: 2.820 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion: 92 Resp: 16193
Ion Ratio Lower Upper
92 100
91 175.5 138.6 207.8

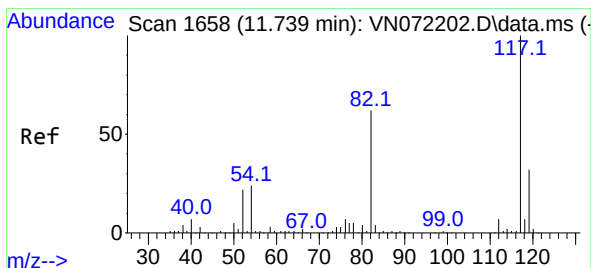
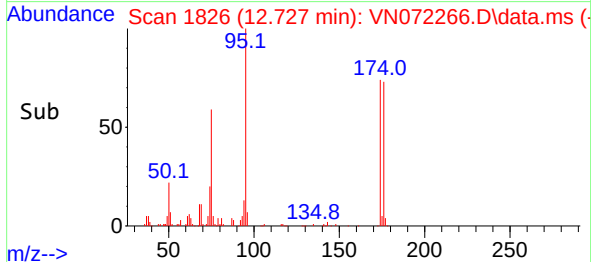
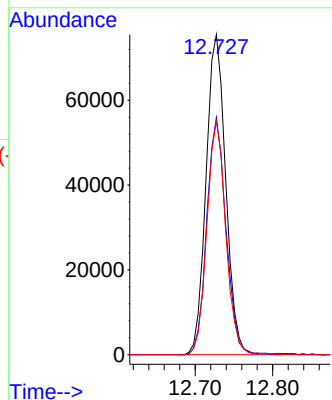
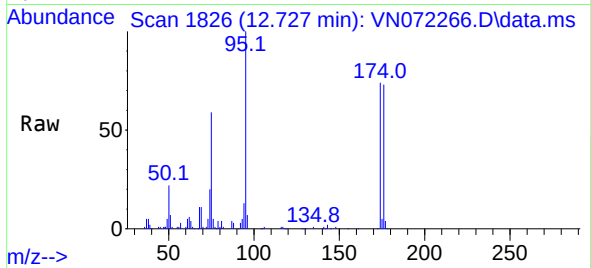




#62
4-Bromofluorobenzene
Concen: 47.868 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

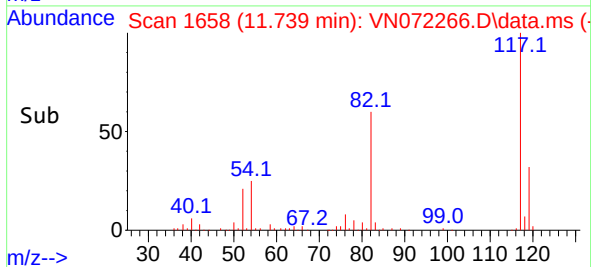
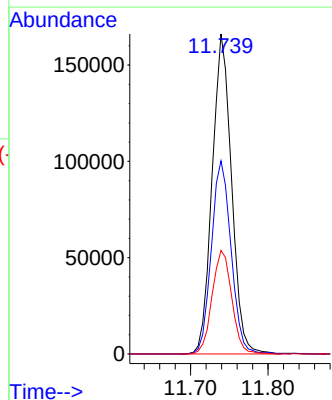
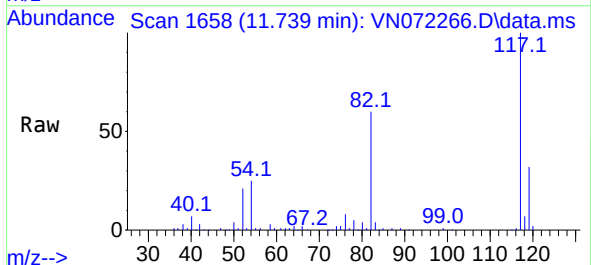
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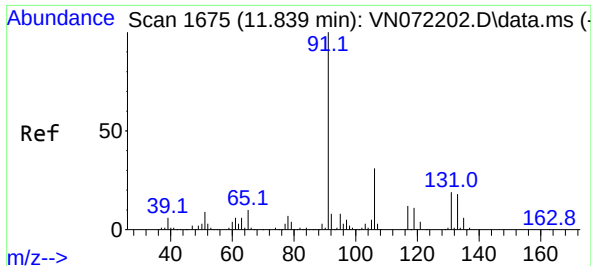
Tgt Ion: 95 Resp: 132808
Ion Ratio Lower Upper
95 100
174 72.5 0.0 167.6
176 70.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion: 117 Resp: 288688
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 32.3 25.4 38.0

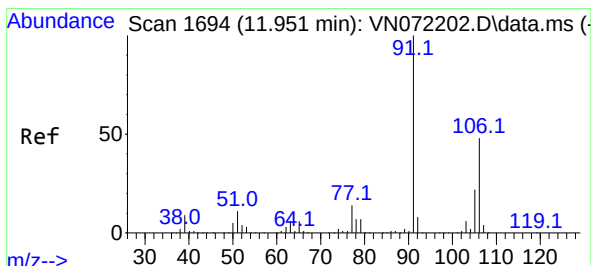
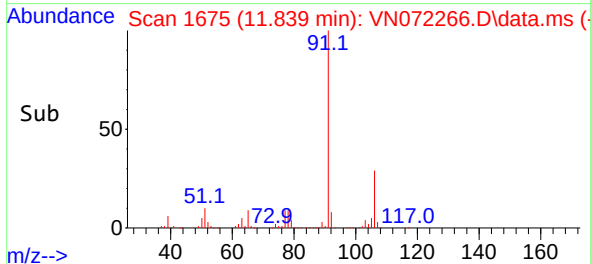
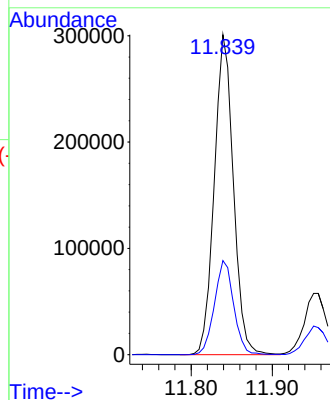
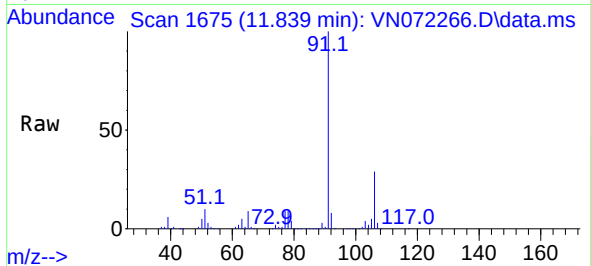




#67
Ethyl Benzene
Concen: 48.350 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

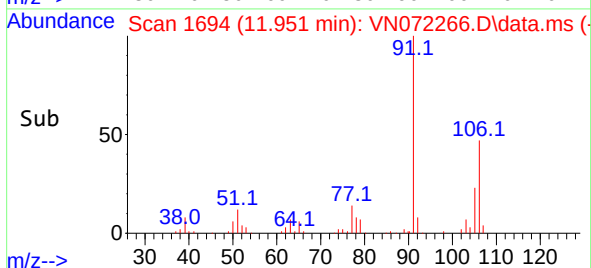
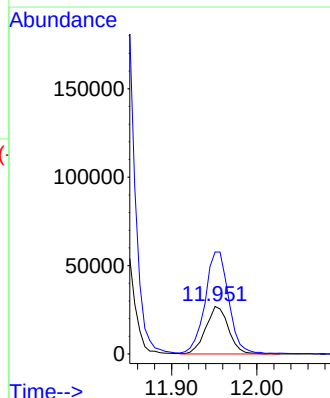
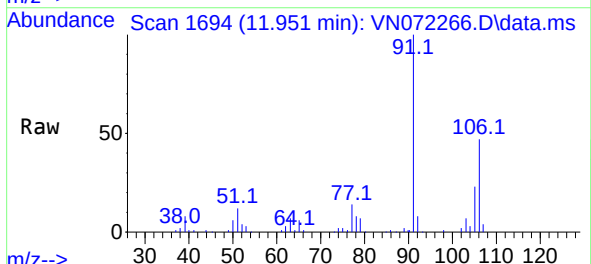
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

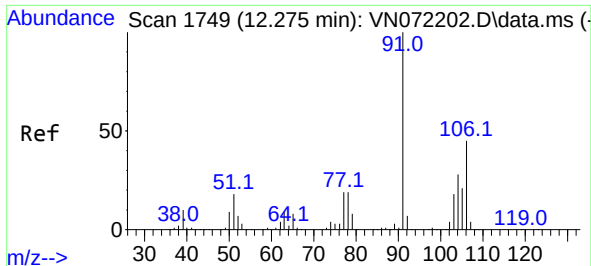
Tgt Ion: 91 Resp: 491841
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 13.172 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion:106 Resp: 49755
Ion Ratio Lower Upper
106 100
91 221.5 158.9 238.3

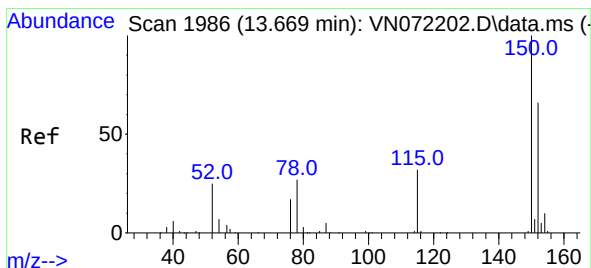
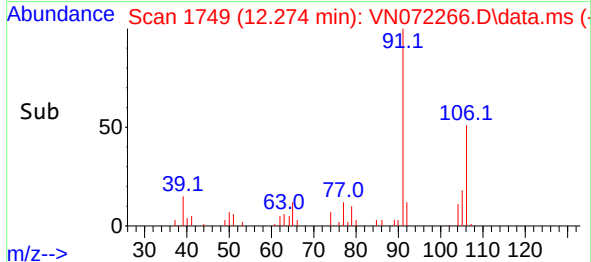
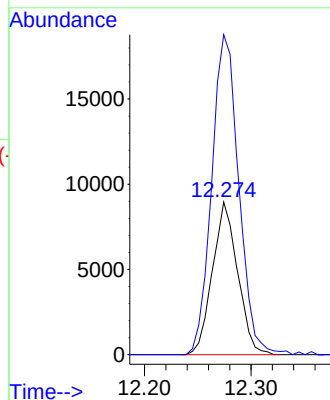
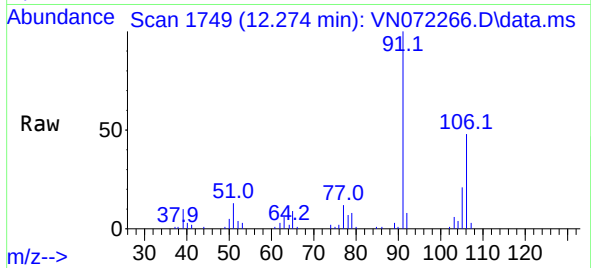




#69
o-Xylene
Concen: 4.014 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

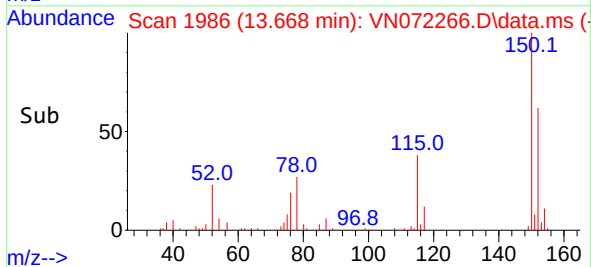
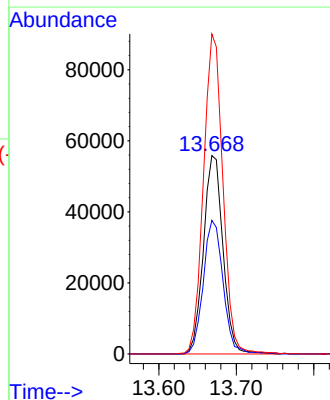
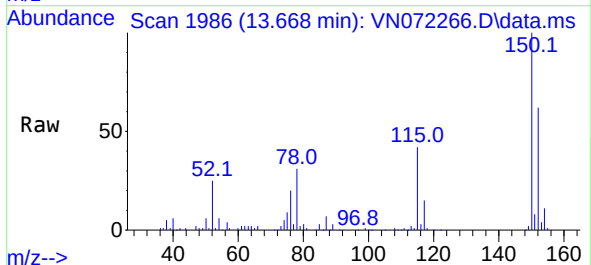
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

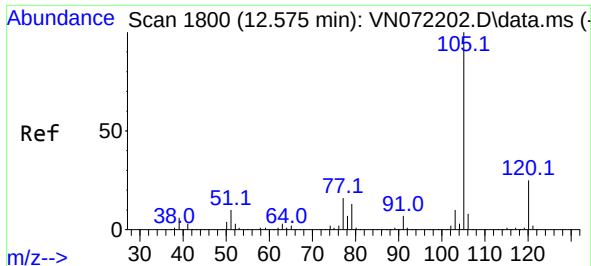
Tgt Ion:106 Resp: 14701
Ion Ratio Lower Upper
106 100
91 225.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion:152 Resp: 97679
Ion Ratio Lower Upper
152 100
115 68.6 28.9 86.7
150 160.2 0.0 356.2

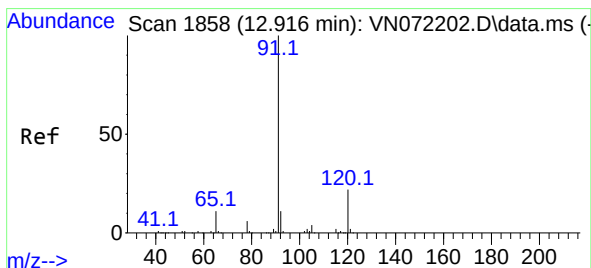
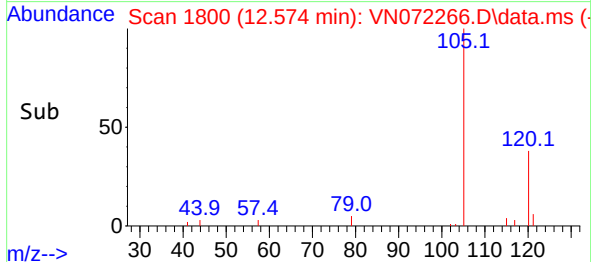
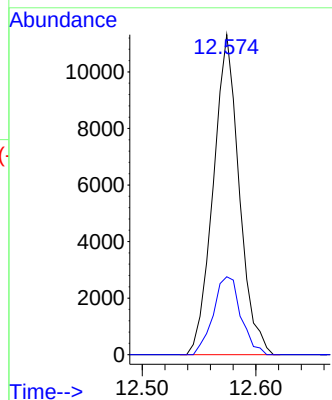
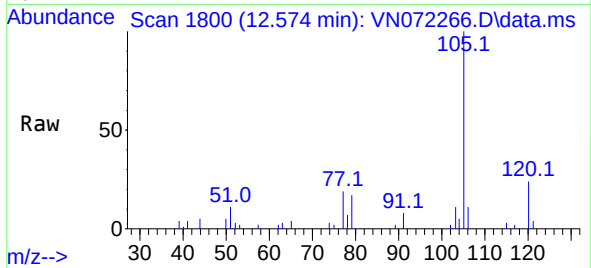




#73
Isopropylbenzene
Concen: 2.085 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

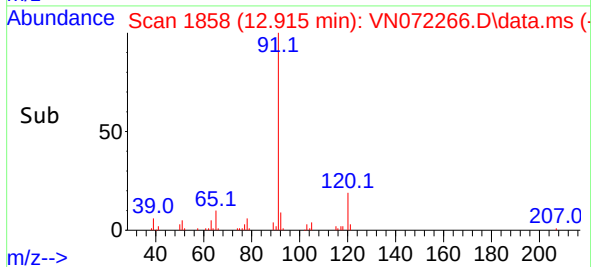
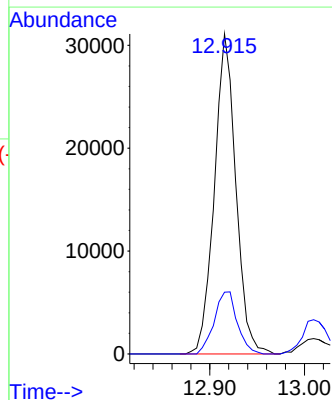
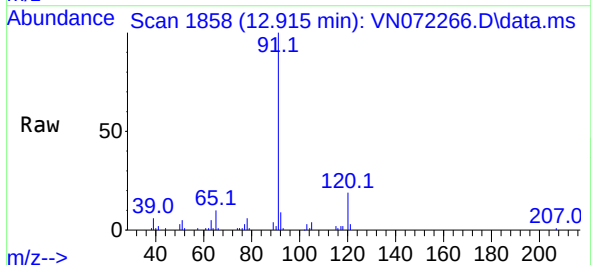
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

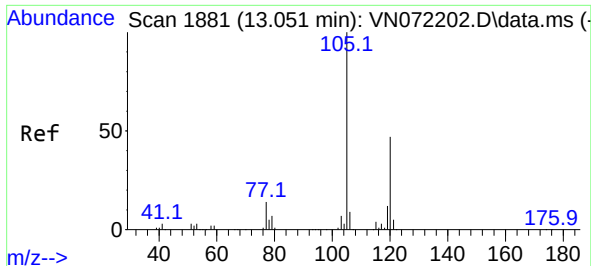
Tgt Ion:105 Resp: 17988
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



#78
n-propylbenzene
Concen: 5.155 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Tgt Ion: 91 Resp: 48991
Ion Ratio Lower Upper
91 100
120 20.8 11.9 35.5

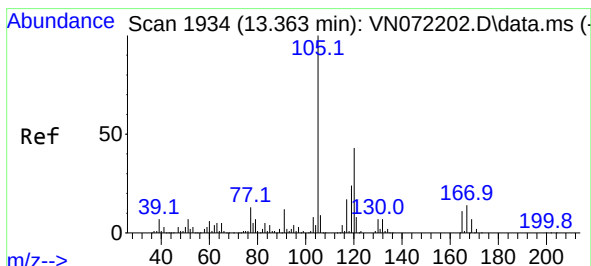
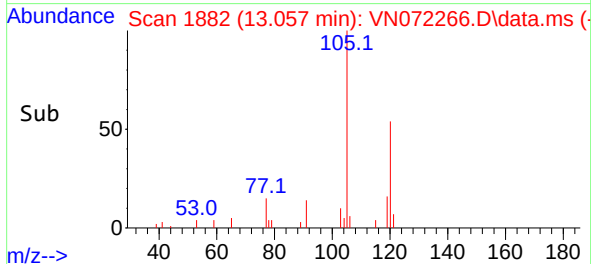
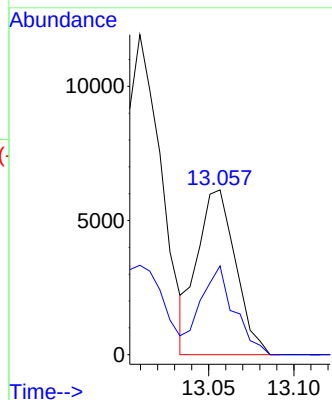
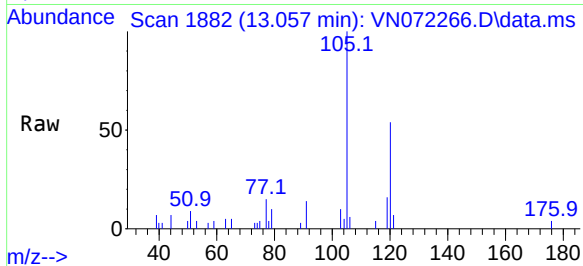




#80
1,3,5-Trimethylbenzene
Concen: 1.339 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

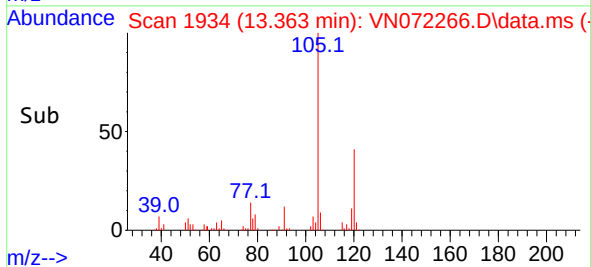
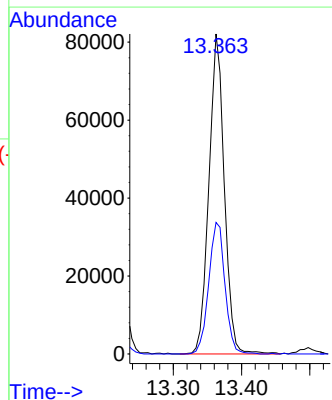
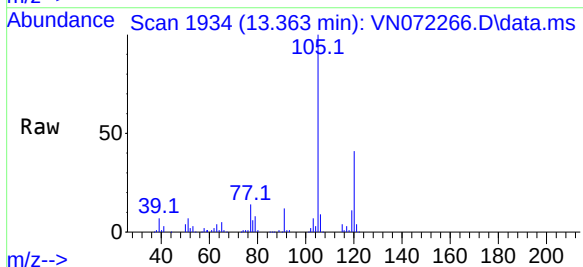
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

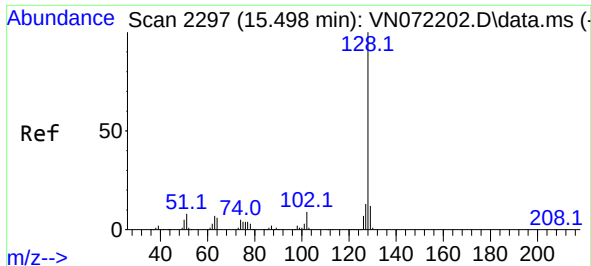
Tgt Ion:105 Resp: 9620
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 18.576 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

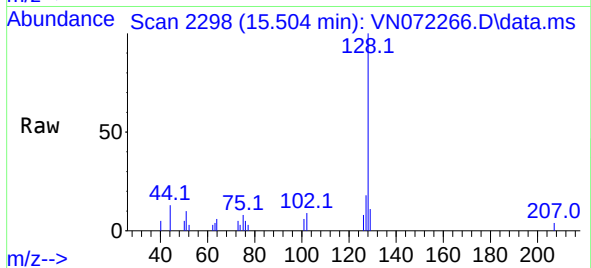
Tgt Ion:105 Resp: 129128
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8





#95
Naphthalene
Concen: 6.529 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072266.D
Acq: 29 Apr 2022 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



Tgt Ion:128 Resp: 12340

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	10.7	8.6	13.0

