

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071818.D
 Acq On : 02 Apr 2022 23:23
 Operator : JC\MD
 Sample : N2242-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Apr 04 01:12:41 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)

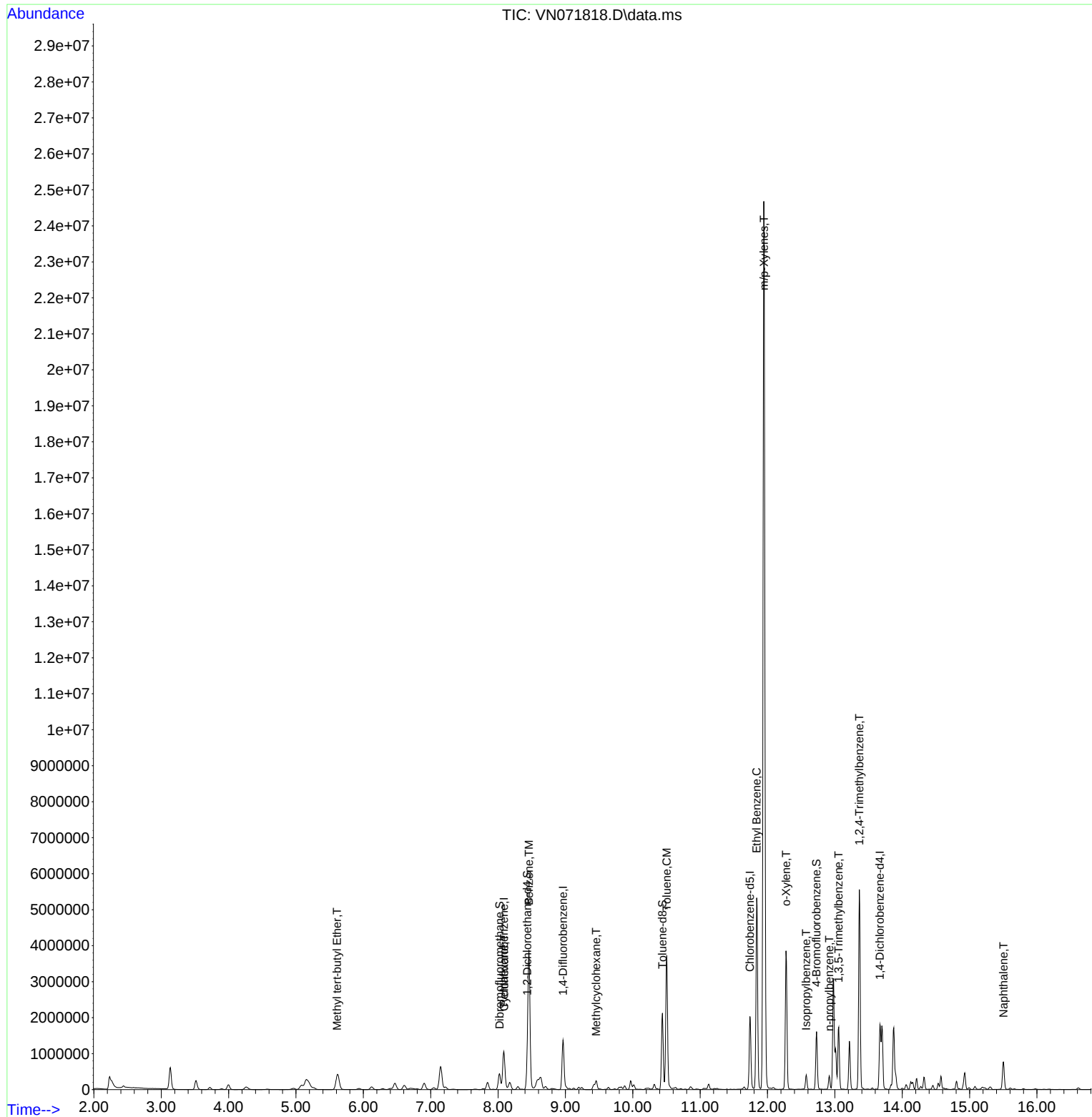
Internal Standards						
1) Pentafluorobenzene	8.086	168	694030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1154726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1218398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	519584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390506	49.287	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.580%
35) Dibromofluoromethane	8.022	113	327031	48.129	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.260%
50) Toluene-d8	10.439	98	1476039	53.102	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.727	95	552017	61.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.800%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.610	73	382894	17.992	ug/l #	1
31) Cyclohexane	8.092	56	152963	14.196	ug/l #	95
39) Methylcyclohexane	9.457	83	114025	10.095	ug/l	97
40) Benzene	8.457	78	4014440	133.927	ug/l	100
52) Toluene	10.504	92	1735357	91.586	ug/l	99
67) Ethyl Benzene	11.839	91	4000720	96.869	ug/l	98
68) m/p-Xylenes	11.945	106	8305203	523.375	ug/l	97
69) o-Xylene	12.274	106	1125290	71.444	ug/l	99
73) Isopropylbenzene	12.574	105	268654	6.136	ug/l	100
78) n-propylbenzene	12.916	91	305424	6.631	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	979868	28.246	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	3245561	95.888	ug/l	100
95) Naphthalene	15.504	128	748814	33.044	ug/l	100

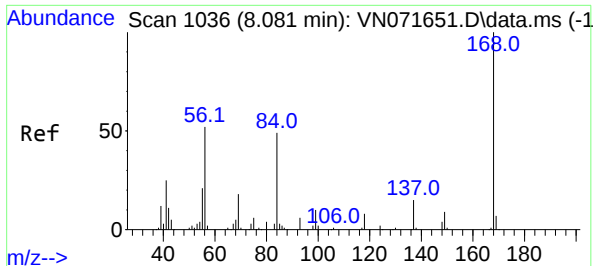
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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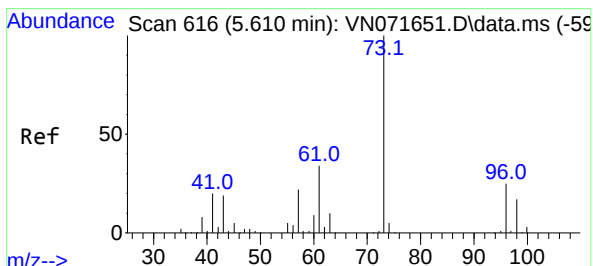
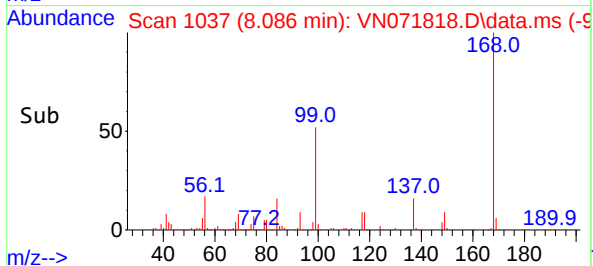
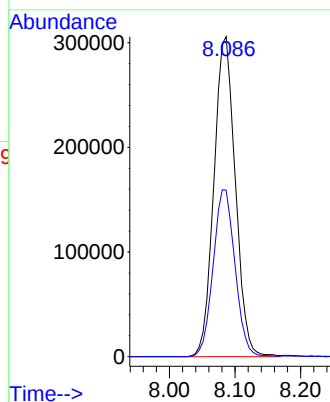
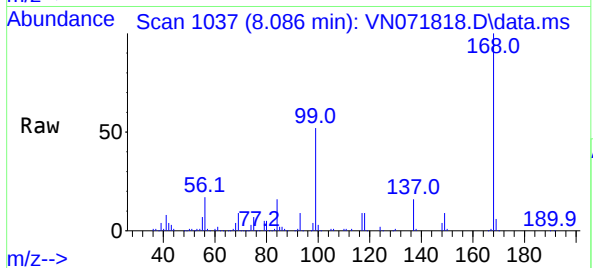




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

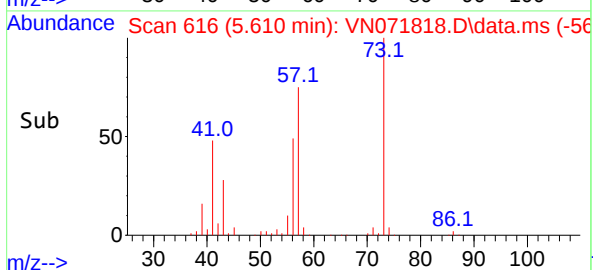
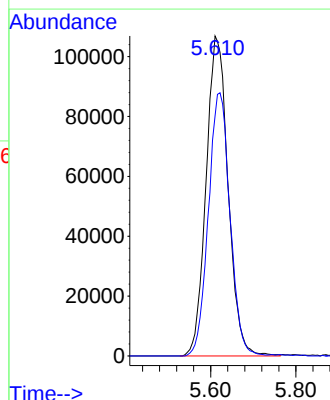
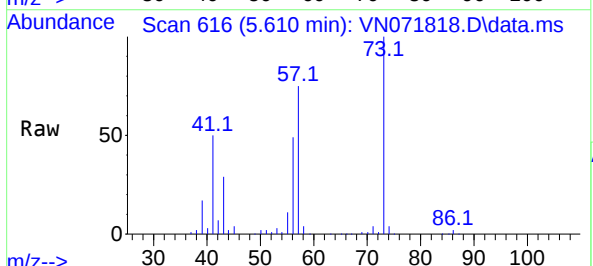
Instrument :
MSVOA_N
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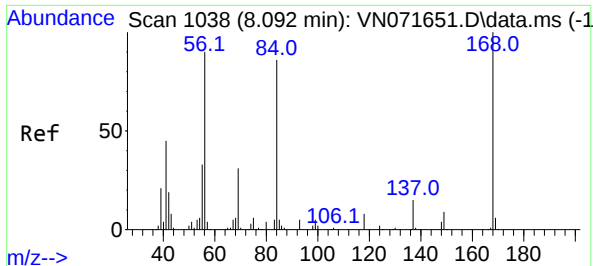
Tgt Ion:168 Resp: 694030
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 17.992 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion: 73 Resp: 382894
Ion Ratio Lower Upper
73 100
57 75.1 17.6 26.4#

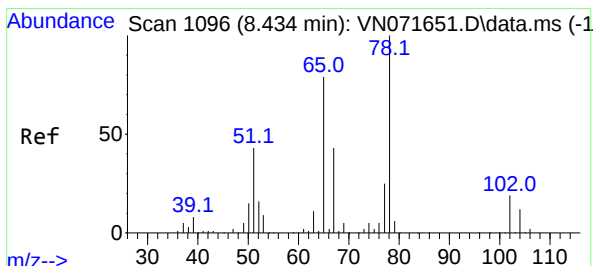
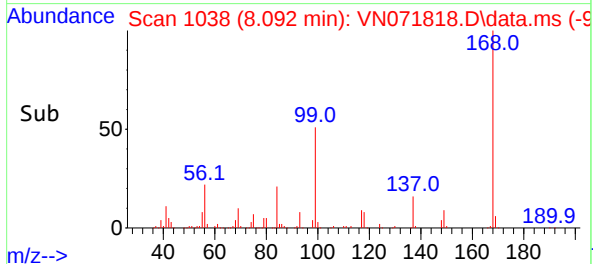
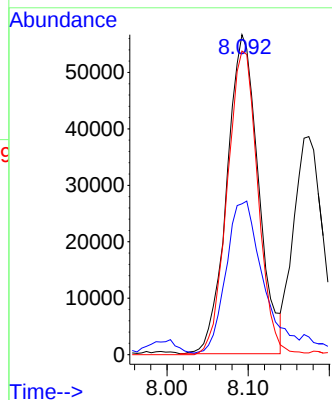
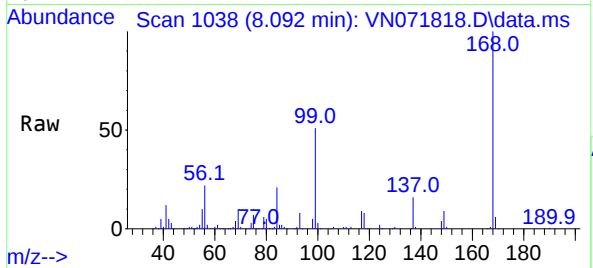




#31
Cyclohexane
Concen: 14.196 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

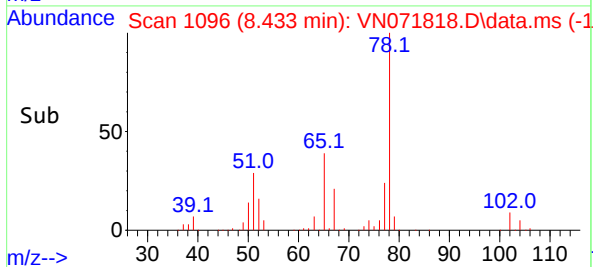
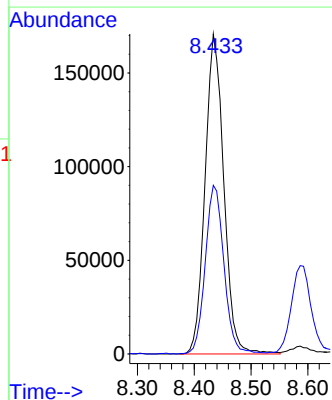
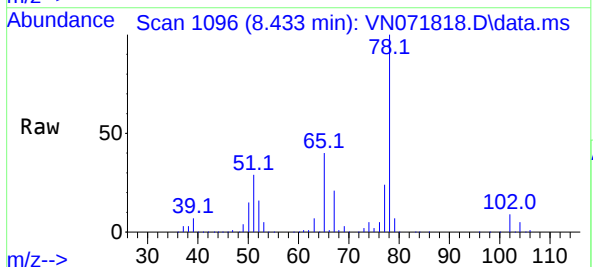
Instrument :
MSVOA_N
ClientSampleId :
MW-1

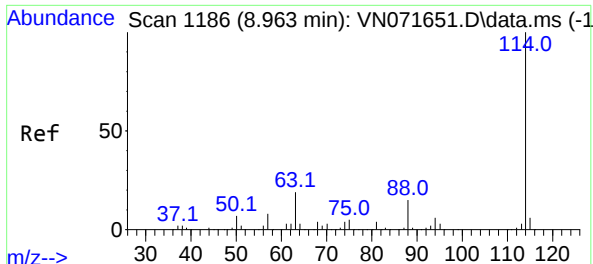
Tgt Ion: 56 Resp: 152963
Ion Ratio Lower Upper
56 100
69 45.2 27.8 41.8#
84 95.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 49.287 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion: 65 Resp: 390506
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

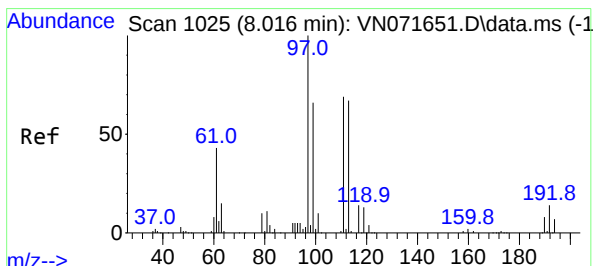
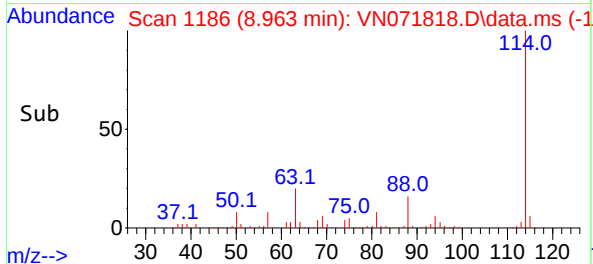
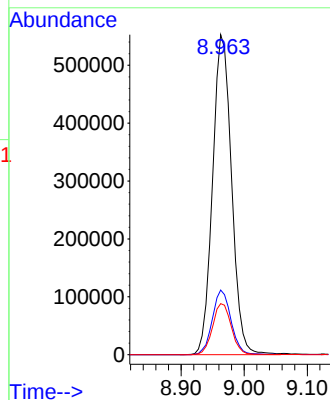
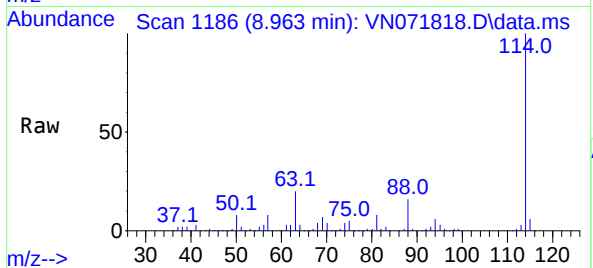




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

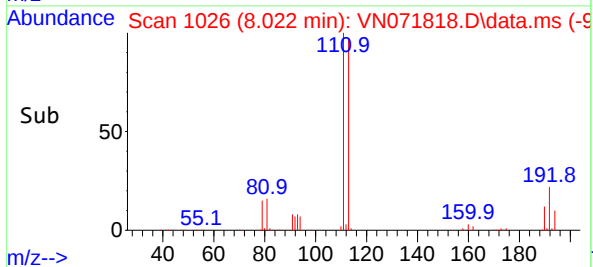
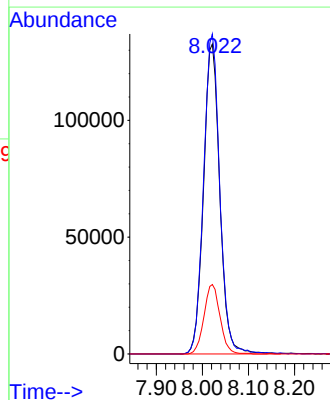
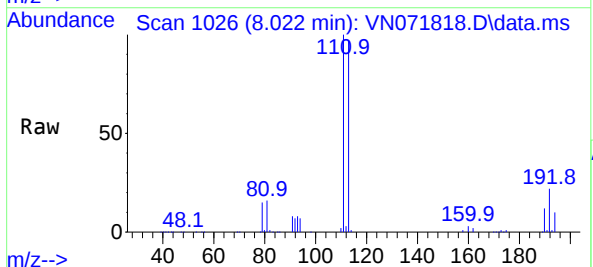
Instrument :
MSVOA_N
ClientSampleId :
MW-1

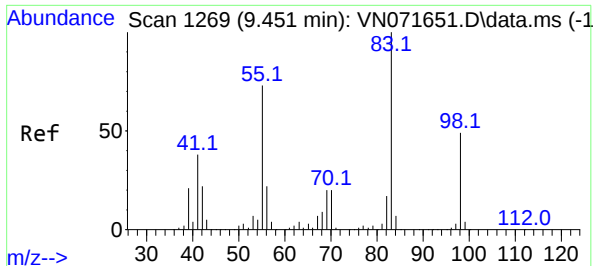
Tgt Ion:114 Resp: 1154726
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.129 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion:113 Resp: 327031
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 22.0 17.0 25.6





#39

Methylcyclohexane

Concen: 10.095 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071818.D

Acq: 02 Apr 2022 23:23

Instrument :

MSVOA_N

ClientSampleId :

MW-1

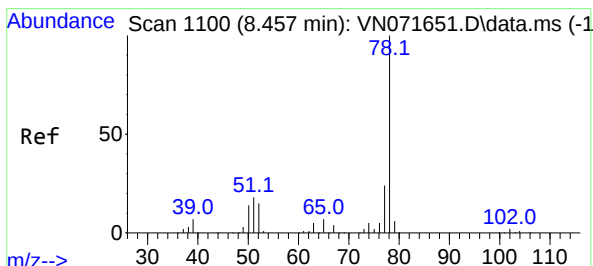
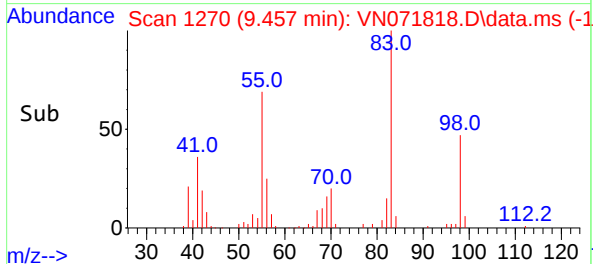
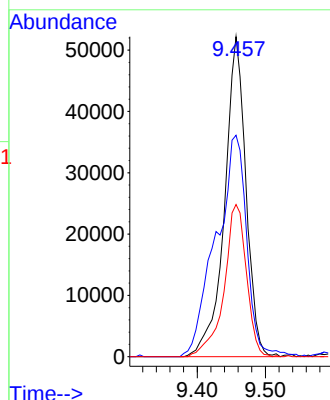
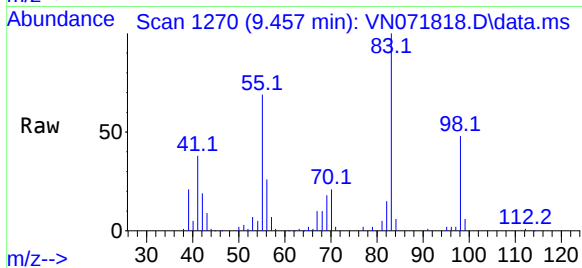
Tgt Ion: 83 Resp: 114025

Ion Ratio Lower Upper

83 100

55 69.2 57.8 86.8

98 47.6 39.4 59.2



#40

Benzene

Concen: 133.927 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071818.D

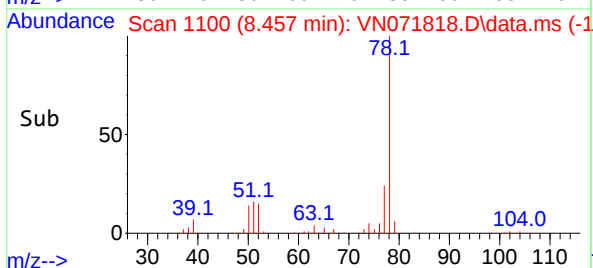
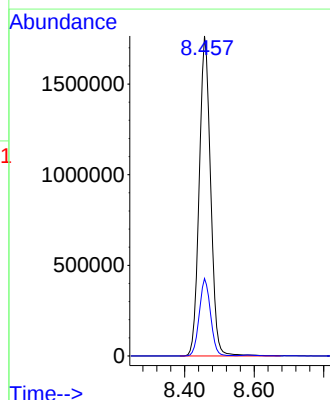
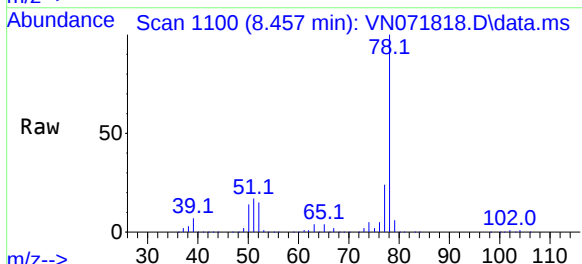
Acq: 02 Apr 2022 23:23

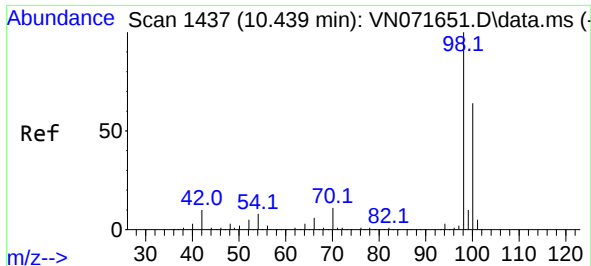
Tgt Ion: 78 Resp: 4014440

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

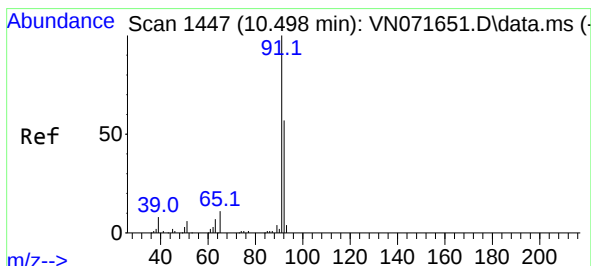
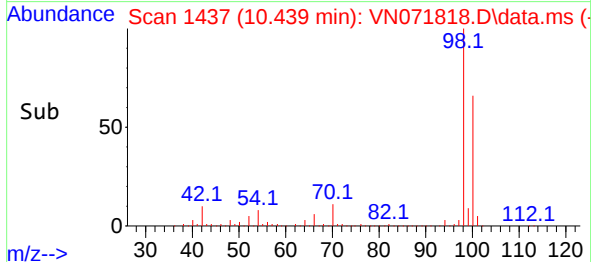
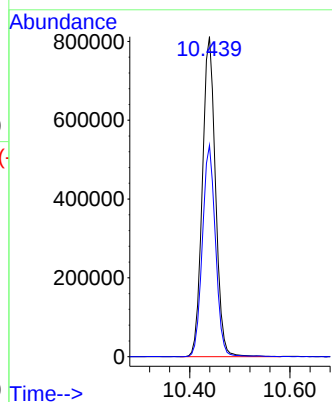
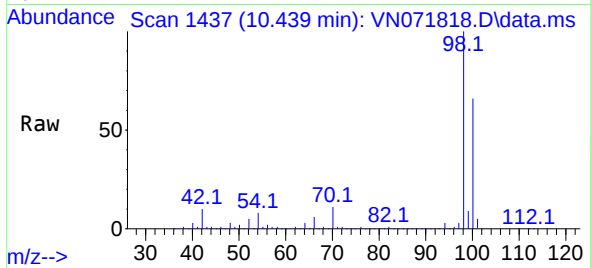




#50
Toluene-d8
Concen: 53.102 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

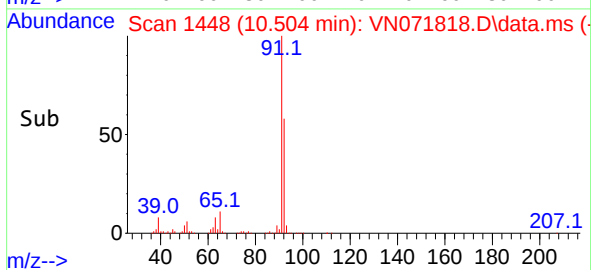
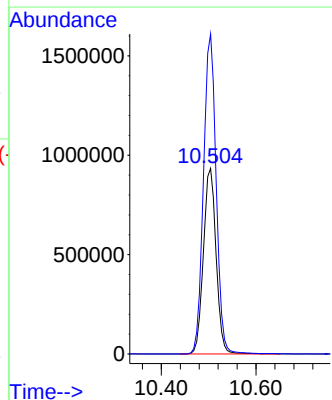
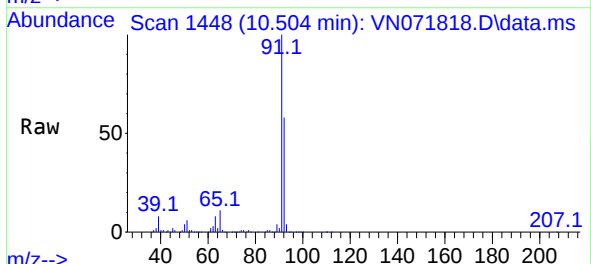
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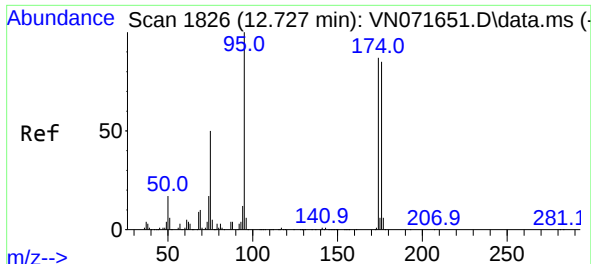
Tgt Ion: 98 Resp: 1476039
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 91.586 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion: 92 Resp: 1735357
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

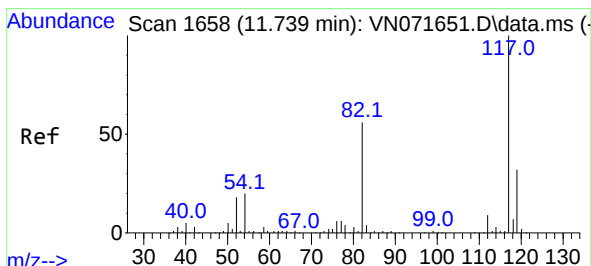
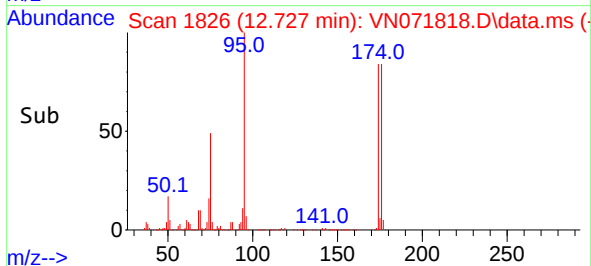
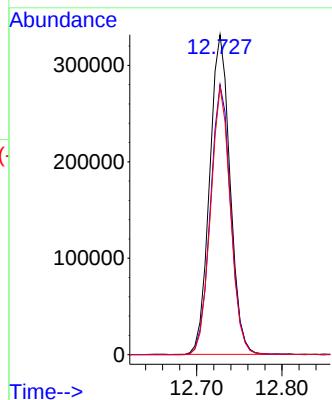
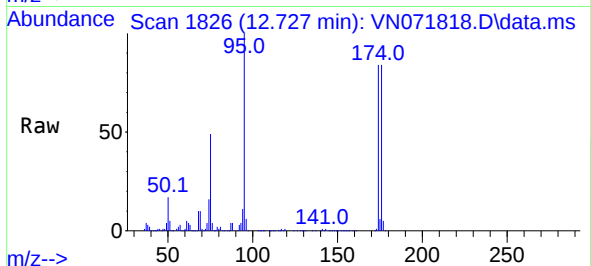




#62
4-Bromofluorobenzene
Concen: 61.405 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

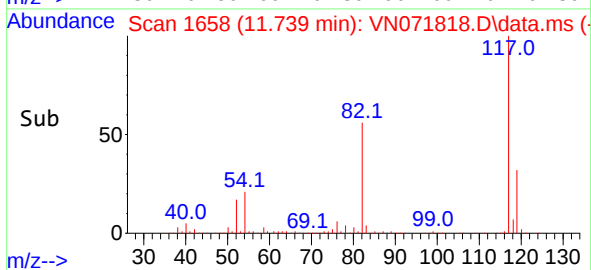
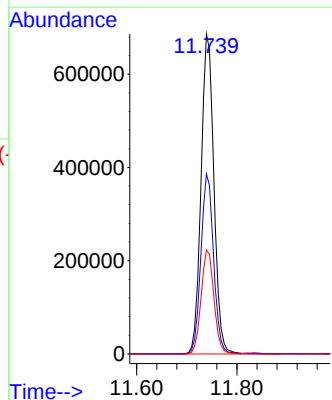
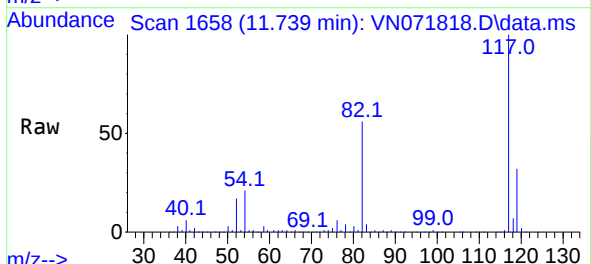
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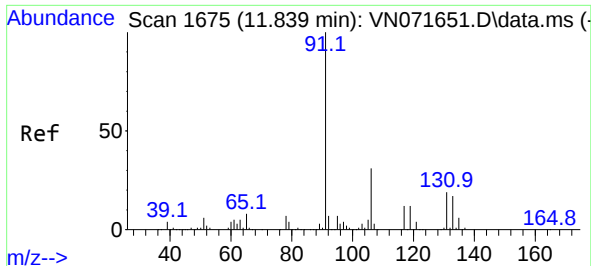
Tgt Ion: 95 Resp: 552017
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion: 117 Resp: 1218398
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.5 25.4 38.0

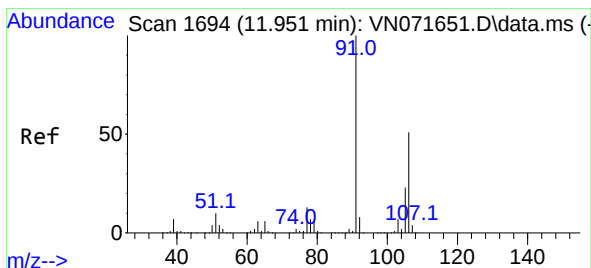
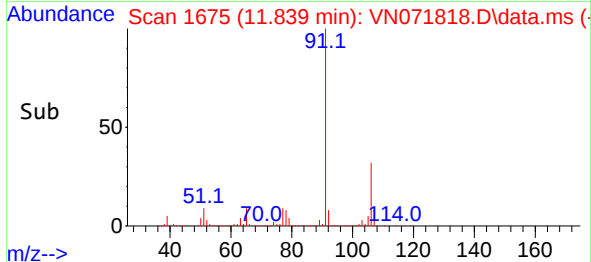
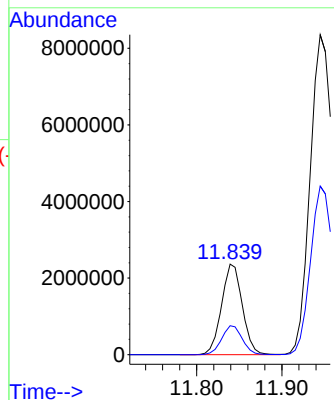
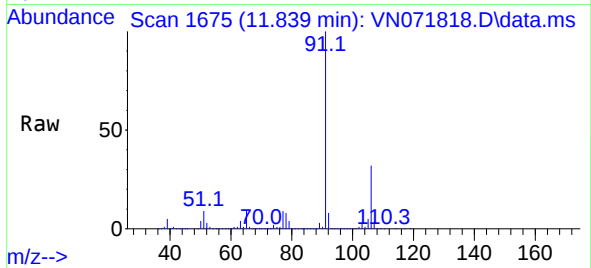




#67
Ethyl Benzene
Concen: 96.869 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

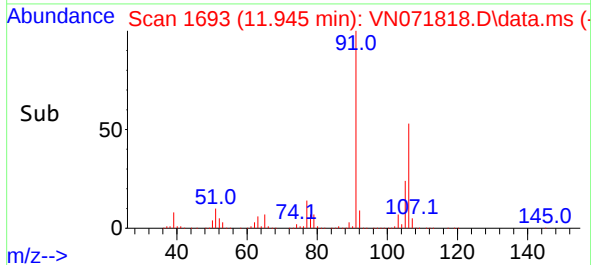
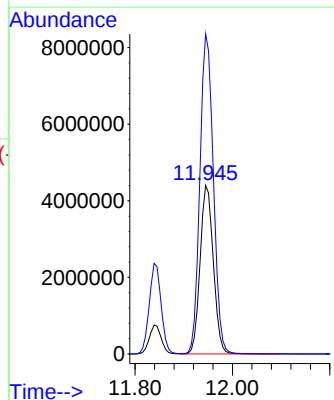
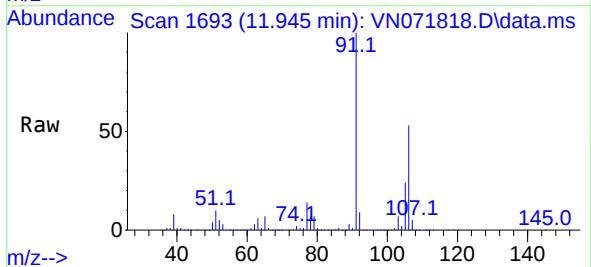
Instrument :
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ClientSampleId :
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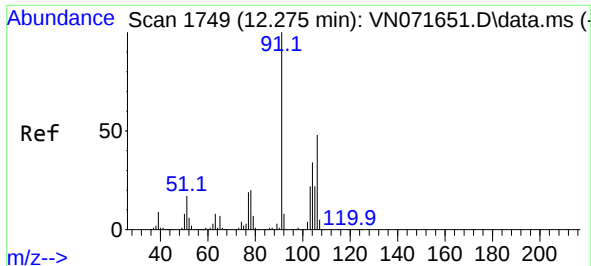
Tgt Ion: 91 Resp: 4000720
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 523.375 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion:106 Resp: 8305203
Ion Ratio Lower Upper
106 100
91 193.7 158.9 238.3

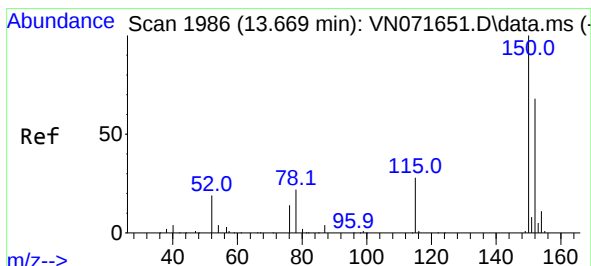
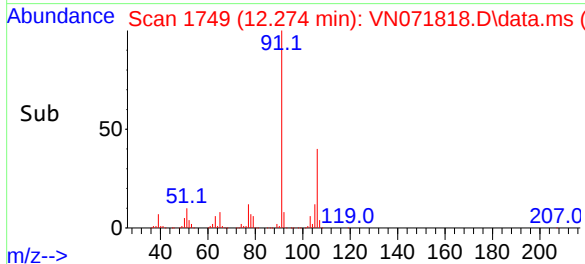
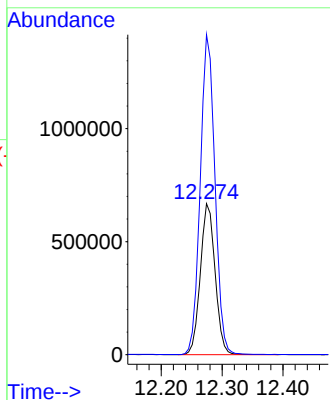
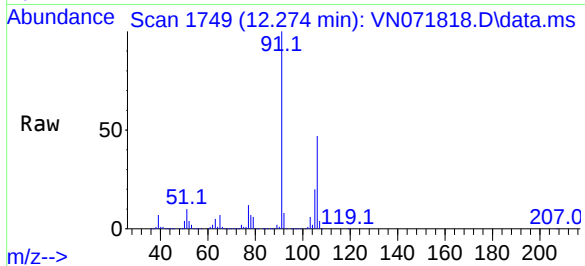




#69
o-Xylene
Concen: 71.444 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

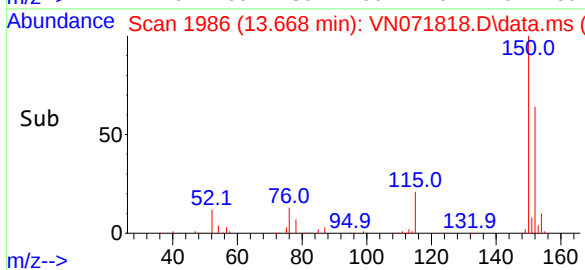
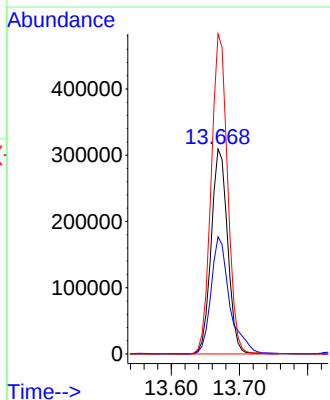
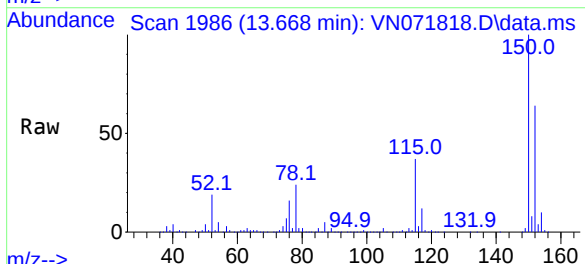
Instrument :
MSVOA_N
ClientSampleId :
MW-1

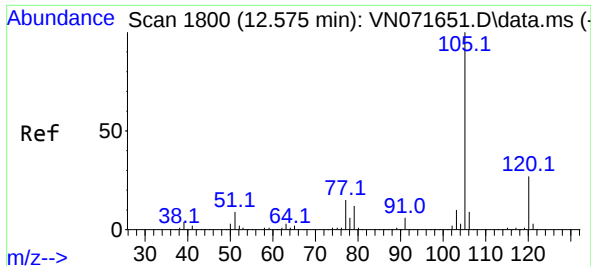
Tgt Ion:106 Resp: 1125290
Ion Ratio Lower Upper
106 100
91 210.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion:152 Resp: 519584
Ion Ratio Lower Upper
152 100
115 64.8 28.9 86.7
150 155.9 0.0 356.2

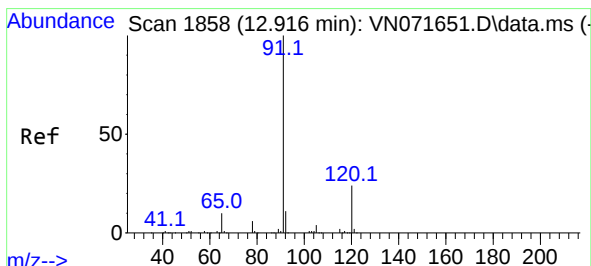
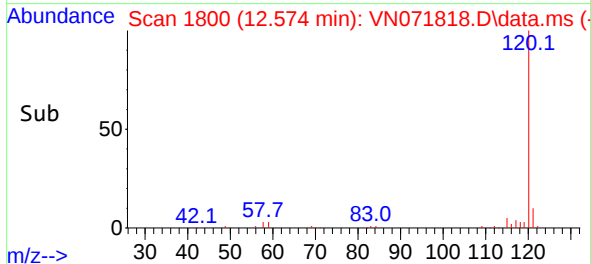
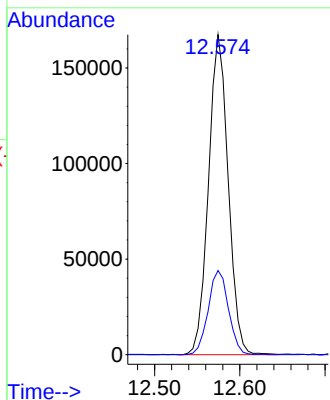
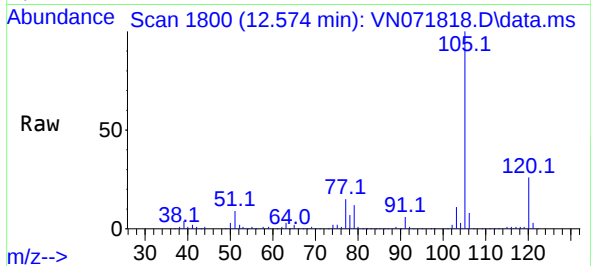




#73
Isopropylbenzene
Concen: 6.136 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

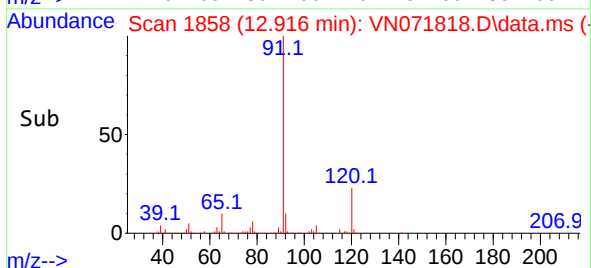
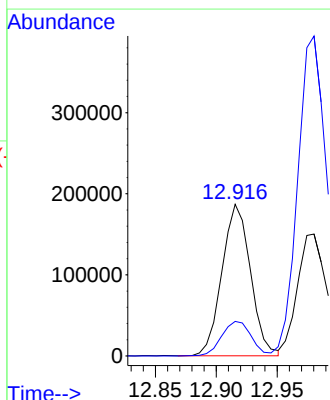
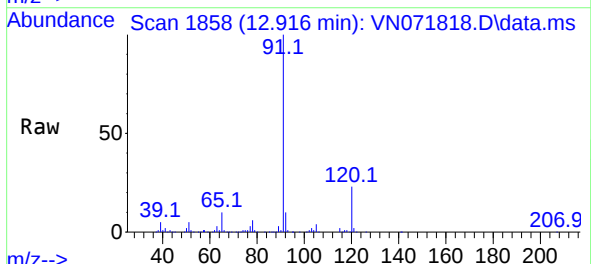
Instrument :
MSVOA_N
ClientSampleId :
MW-1

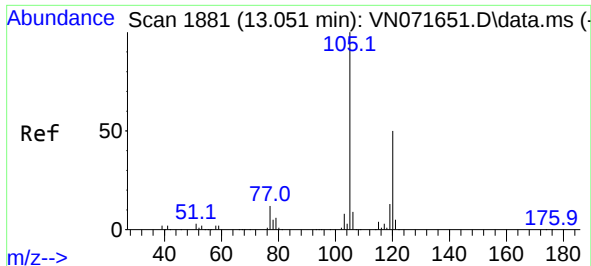
Tgt Ion:105 Resp: 268654
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#78
n-propylbenzene
Concen: 6.631 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion: 91 Resp: 305424
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

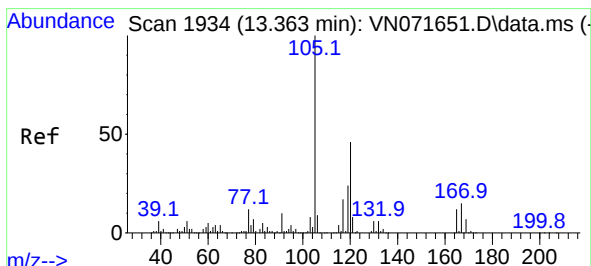
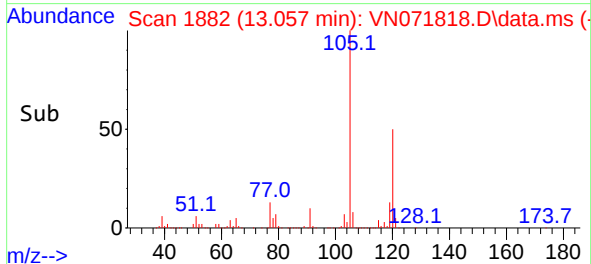
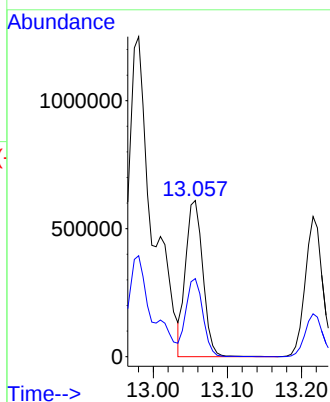
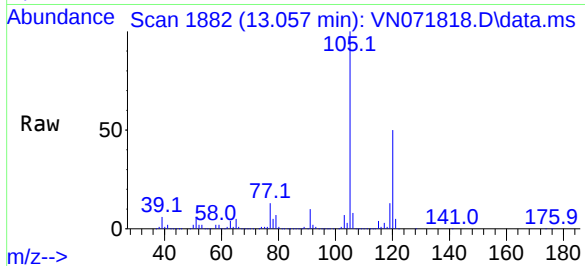




#80
1,3,5-Trimethylbenzene
Concen: 28.246 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

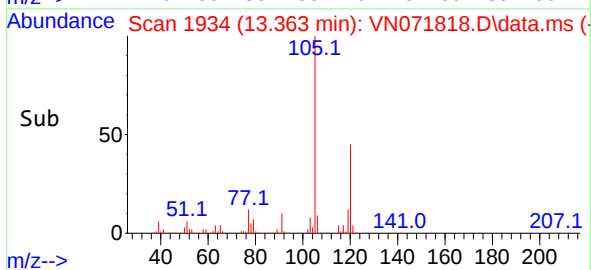
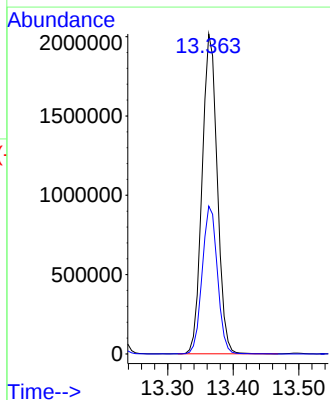
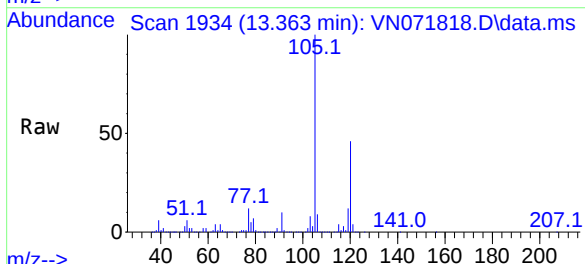
Instrument :
MSVOA_N
ClientSampleId :
MW-1

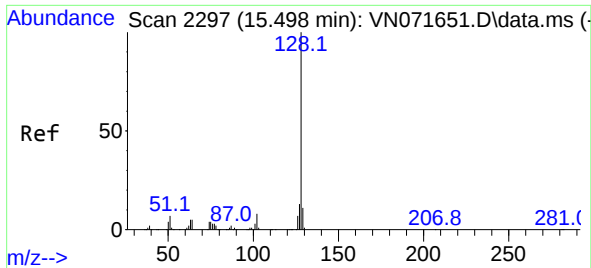
Tgt Ion:105 Resp: 979868
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 95.888 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071818.D
Acq: 02 Apr 2022 23:23

Tgt Ion:105 Resp: 3245561
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#95

Naphthalene

Concen: 33.044 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071818.D

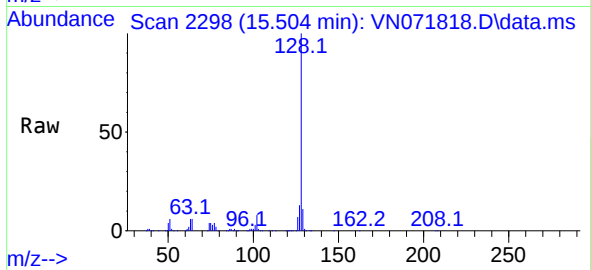
Acq: 02 Apr 2022 23:23

Instrument :

MSVOA_N

ClientSampleId :

MW-1



Tgt Ion:128 Resp: 748814

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 13.0

