

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072107.D
 Acq On : 21 Apr 2022 03:54
 Operator : JC\MD
 Sample : N2482-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23R

Quant Time: Apr 21 07:14:23 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)

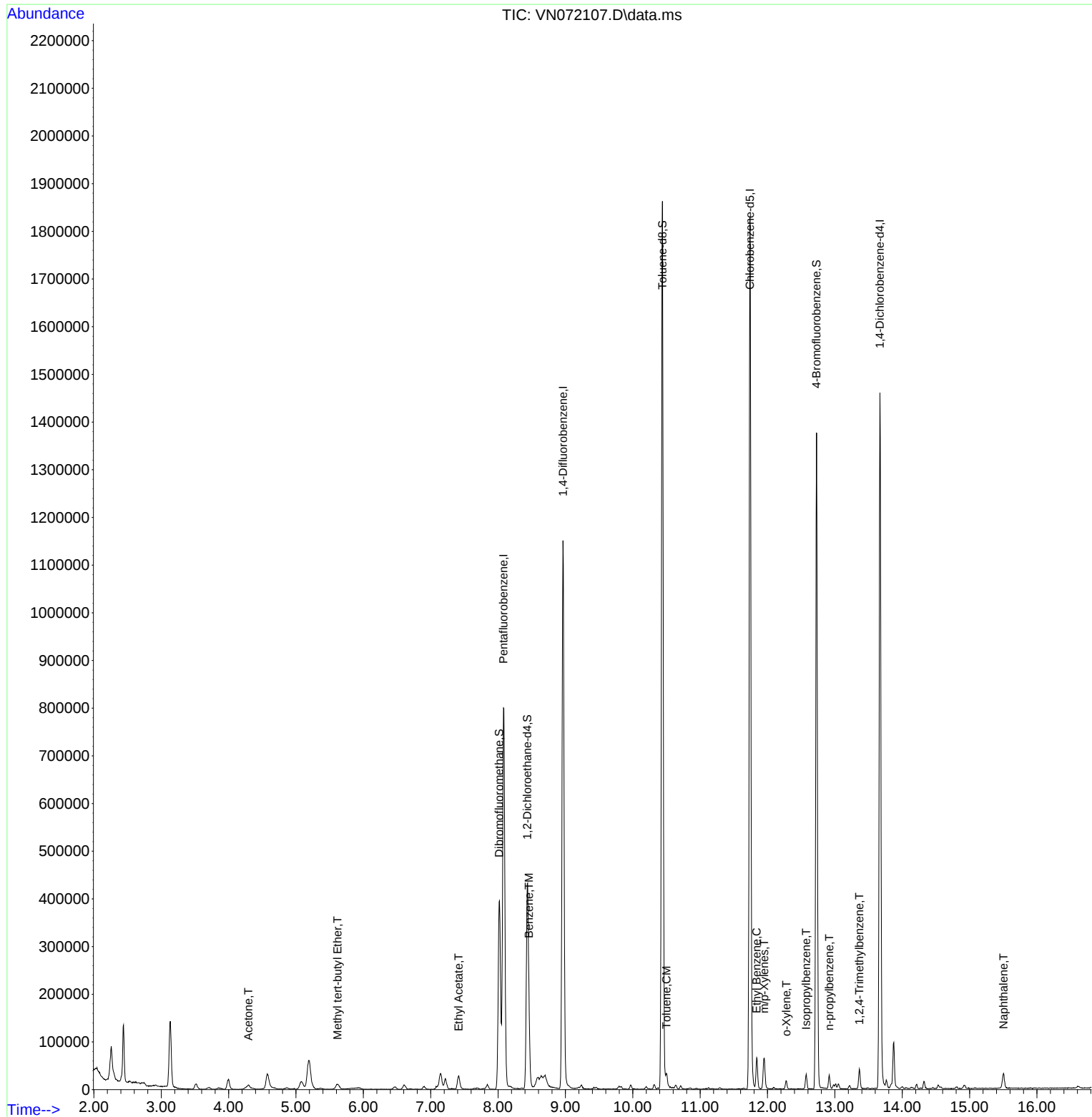
Internal Standards						
1) Pentafluorobenzene	8.081	168	634058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1087697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1143079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	448281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	338201	46.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.440%		
35) Dibromofluoromethane	8.016	113	304736	47.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.220%		
50) Toluene-d8	10.439	98	1365704	52.160	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.727	95	477813	56.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.860%		
Target Compounds						Qvalue
16) Acetone	4.293	43	14983	4.843	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	13637	0.701	ug/l #	45
37) Ethyl Acetate	7.416	43	46672	4.771	ug/l	97
40) Benzene	8.457	78	91490	3.240	ug/l	96
52) Toluene	10.498	92	9727	0.545	ug/l	98
67) Ethyl Benzene	11.839	91	49394	1.275	ug/l	99
68) m/p-Xylenes	11.951	106	23689	1.591	ug/l	99
69) o-Xylene	12.280	106	5458	0.369	ug/l	92
73) Isopropylbenzene	12.574	105	20824	0.551	ug/l	100
78) n-propylbenzene	12.916	91	22960	0.578	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	24682	0.845	ug/l	99
95) Naphthalene	15.504	128	36437	5.452	ug/l	99

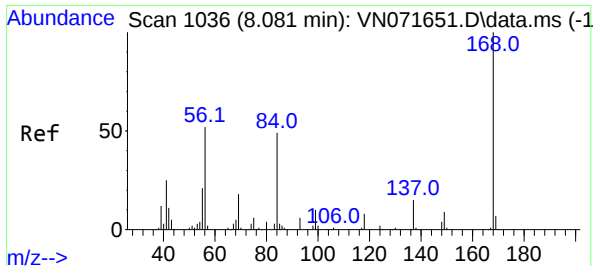
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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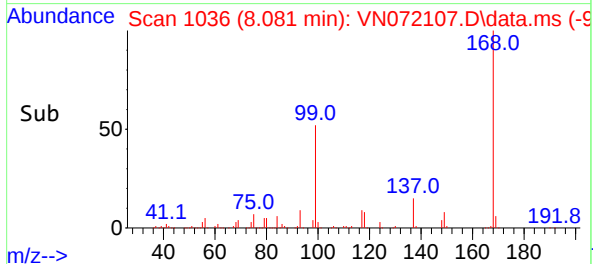
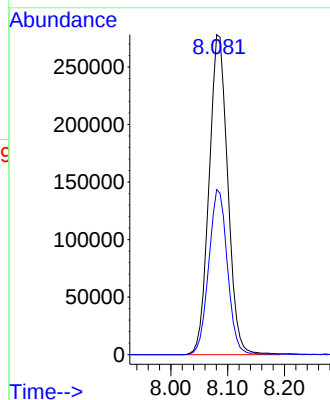
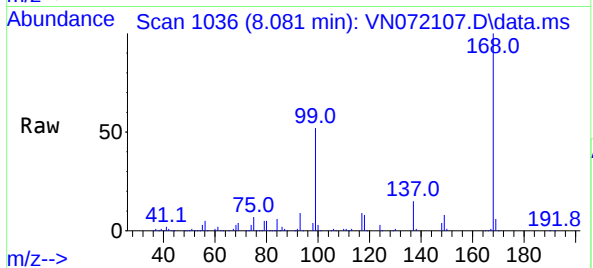




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

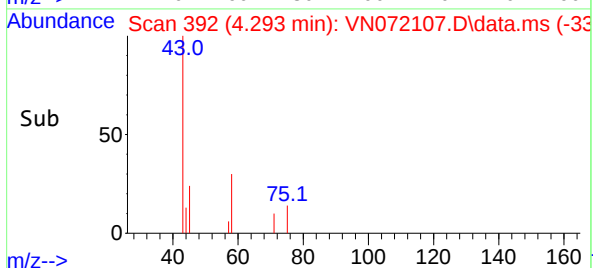
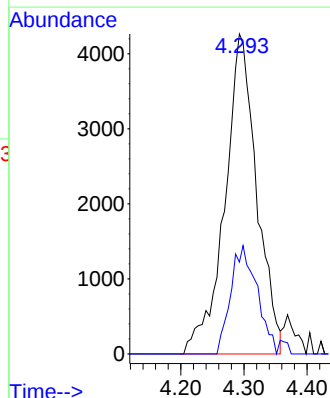
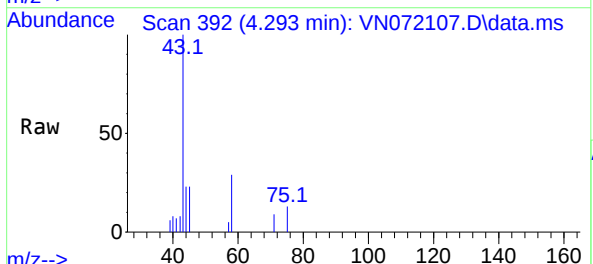
Instrument :
MSVOA_N
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MW-23R

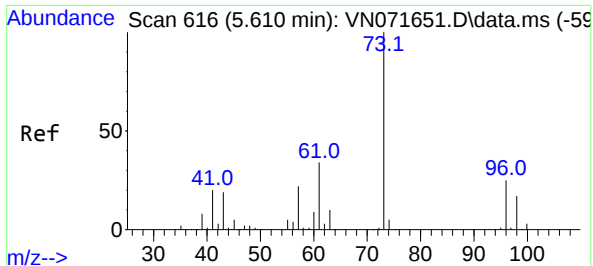
Tgt Ion:168 Resp: 634058
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#16
Acetone
Concen: 4.843 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 43 Resp: 14983
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0

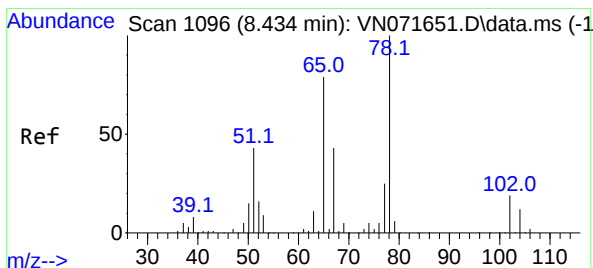
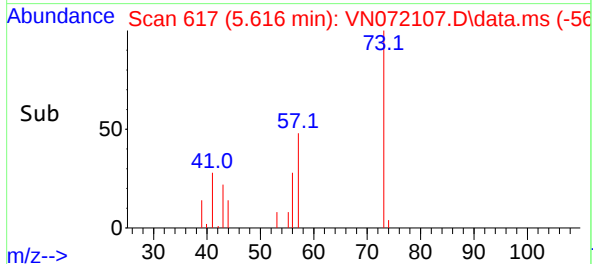
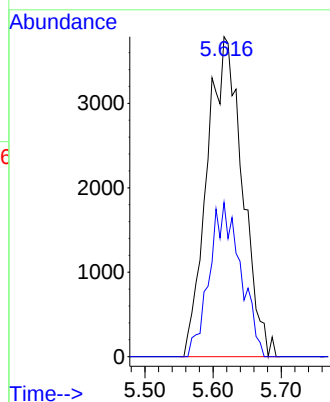
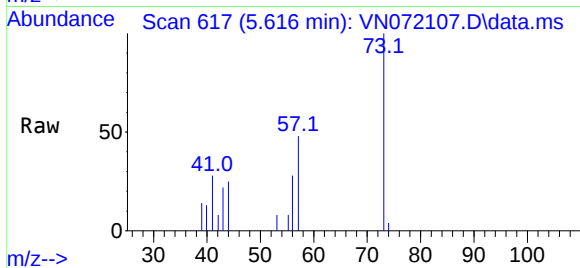




#19
Methyl tert-butyl Ether
Concen: 0.701 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

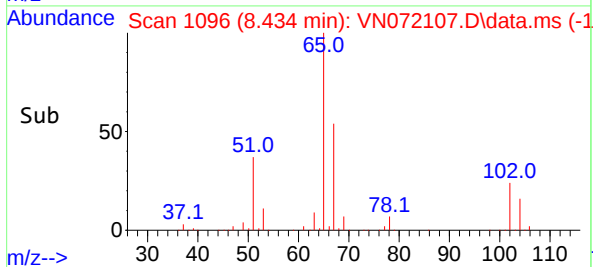
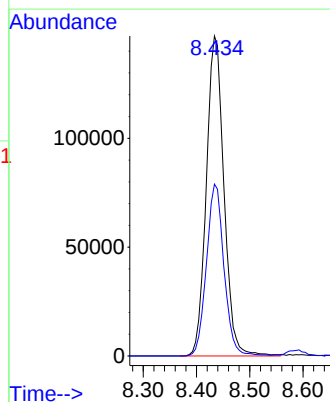
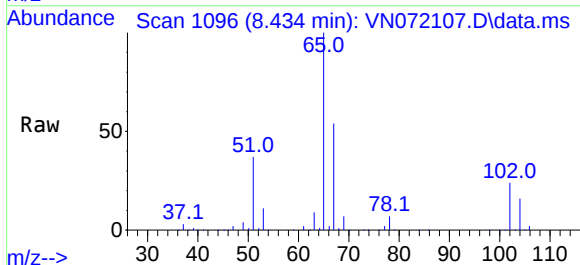
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

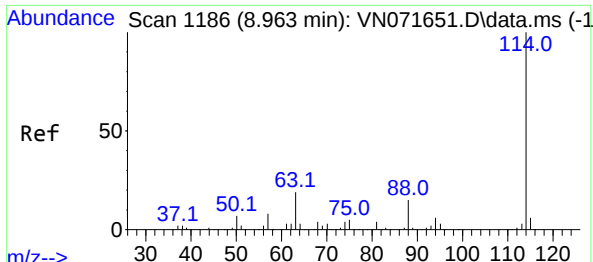
Tgt Ion: 73 Resp: 13637
Ion Ratio Lower Upper
73 100
57 48.1 17.6 26.4#



#33
1,2-Dichloroethane-d4
Concen: 46.722 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 65 Resp: 338201
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

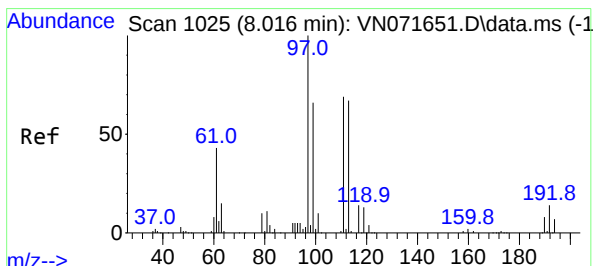
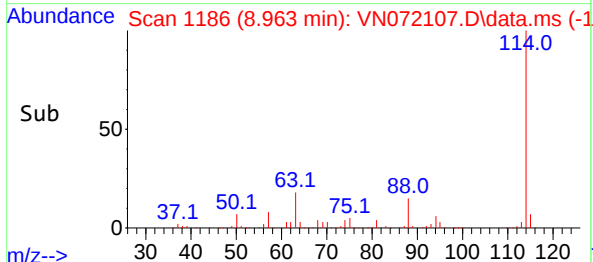
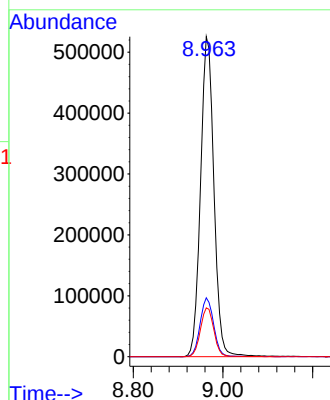
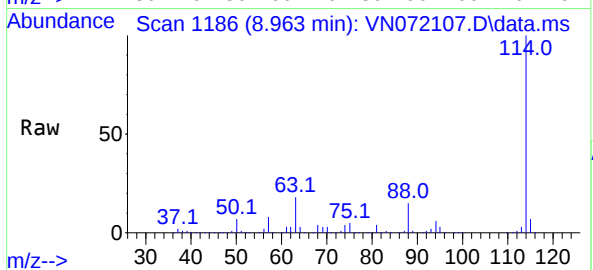




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

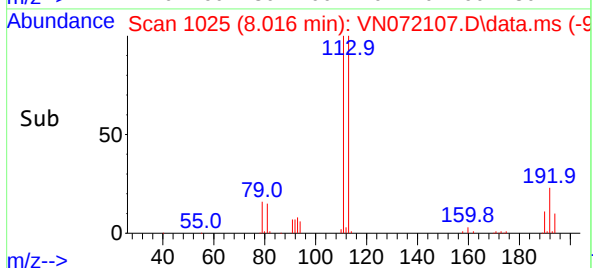
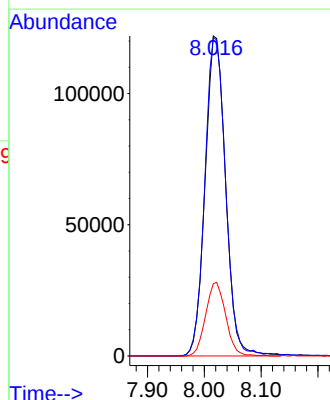
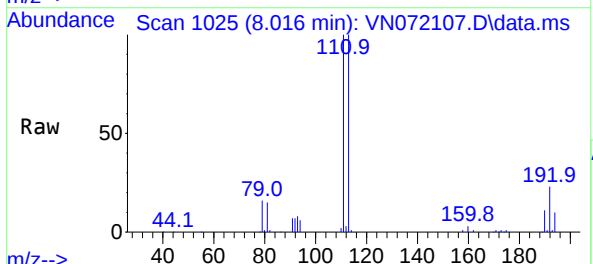
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

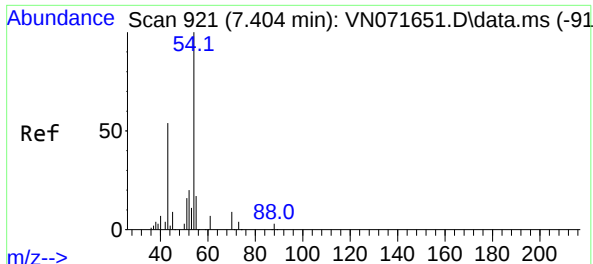
Tgt Ion:114 Resp: 1087697
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion:113 Resp: 304736
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 22.5 17.0 25.6

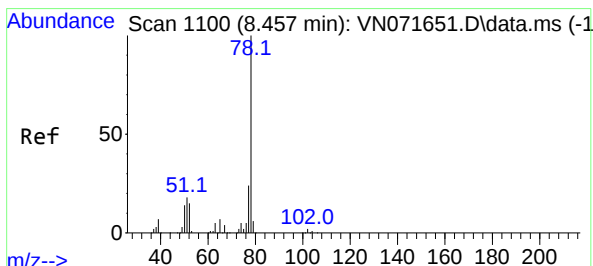
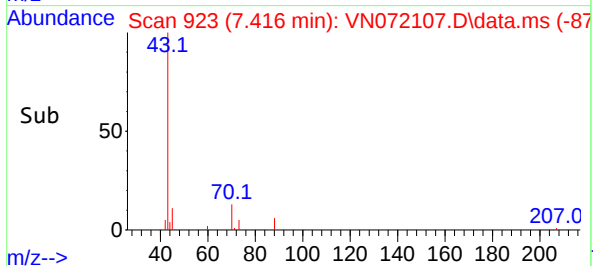
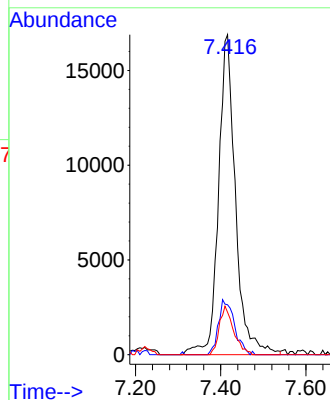
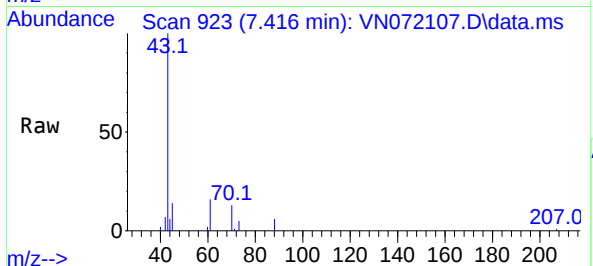




#37
Ethyl Acetate
Concen: 4.771 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

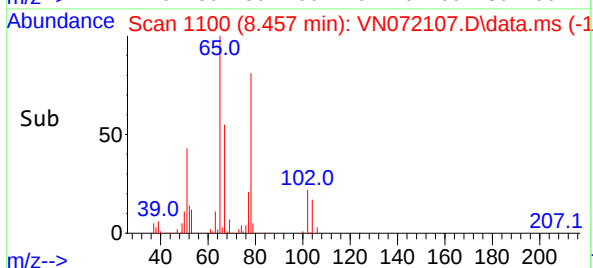
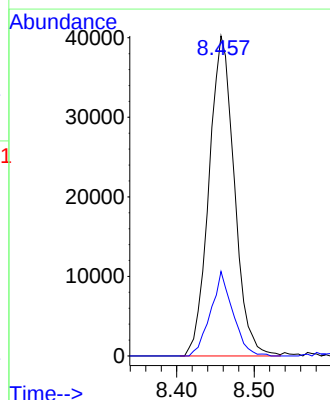
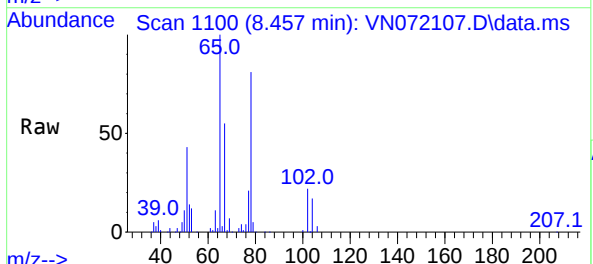
Instrument :
MSVOA_N
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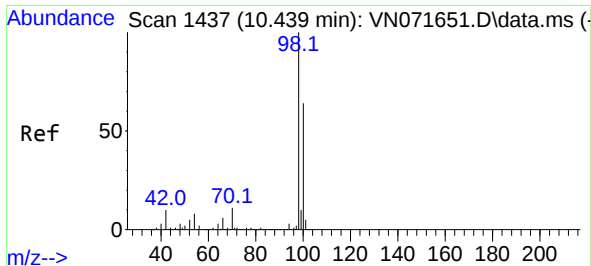
Tgt Ion: 43 Resp: 46672
Ion Ratio Lower Upper
43 100
61 16.3 11.8 17.6
70 12.7 9.3 13.9



#40
Benzene
Concen: 3.240 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 78 Resp: 91490
Ion Ratio Lower Upper
78 100
77 26.4 19.4 29.0

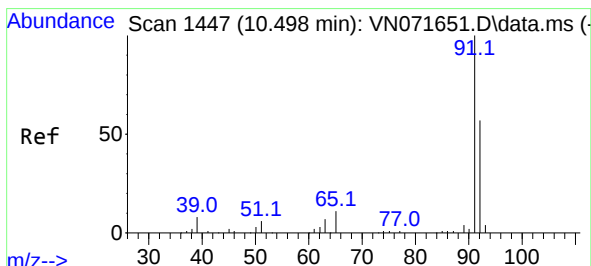
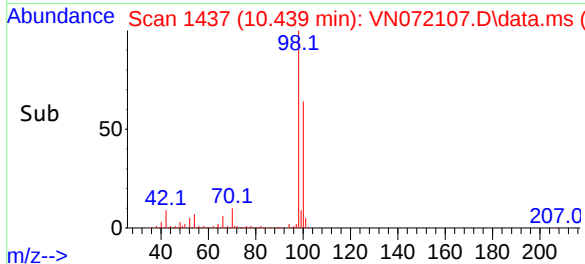
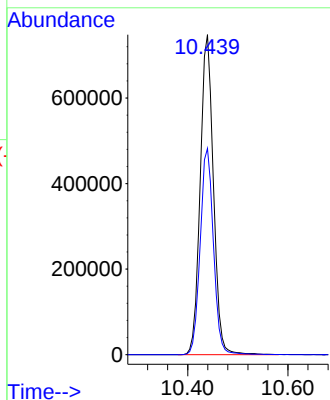
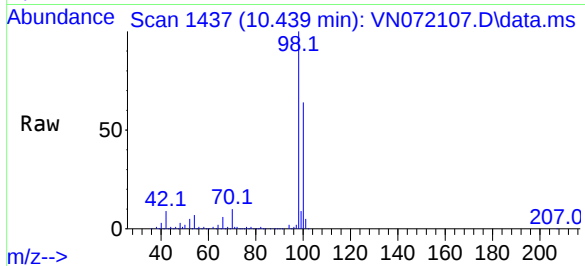




#50
Toluene-d8
Concen: 52.160 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

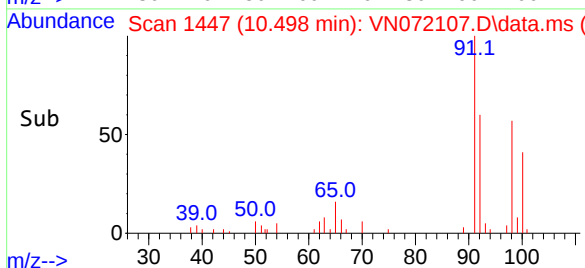
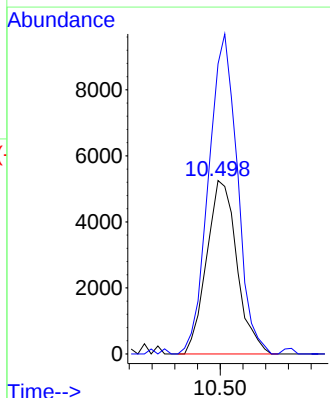
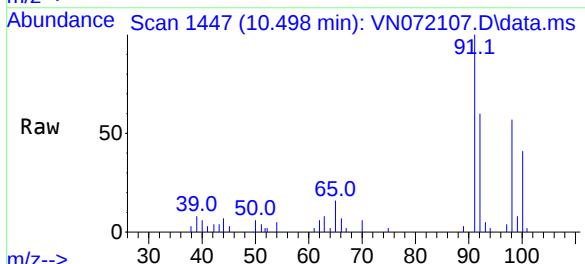
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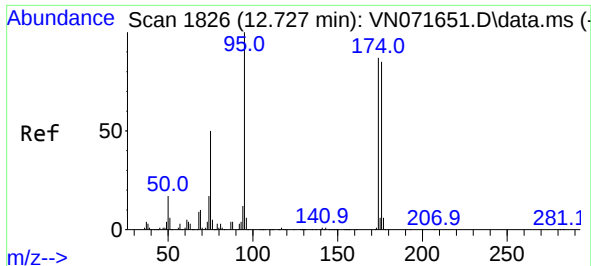
Tgt Ion: 98 Resp: 1365704
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#52
Toluene
Concen: 0.545 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 92 Resp: 9727
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

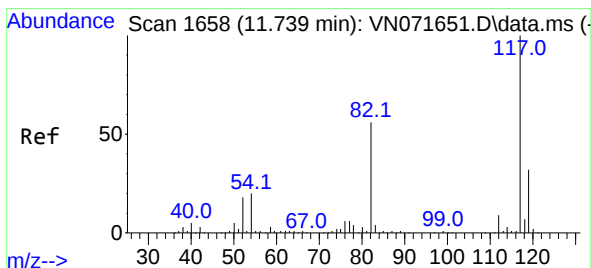
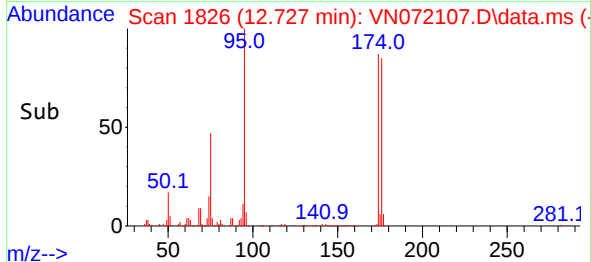
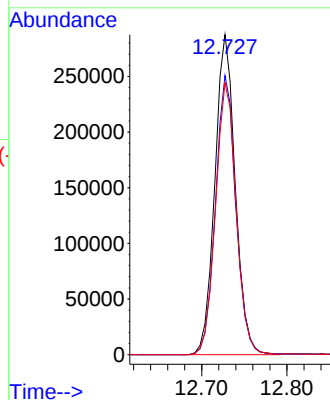
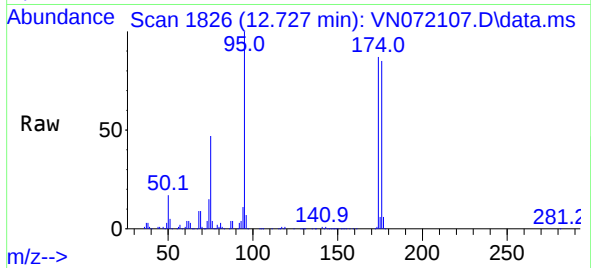




#62
4-Bromofluorobenzene
Concen: 56.426 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

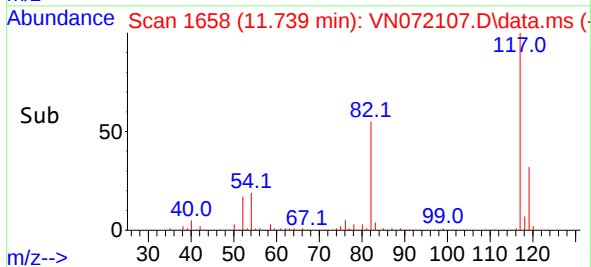
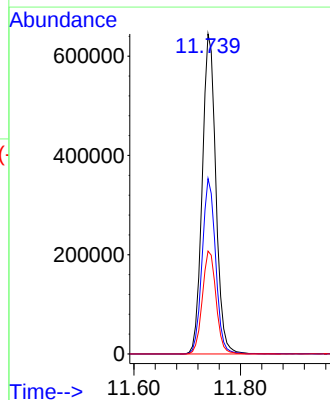
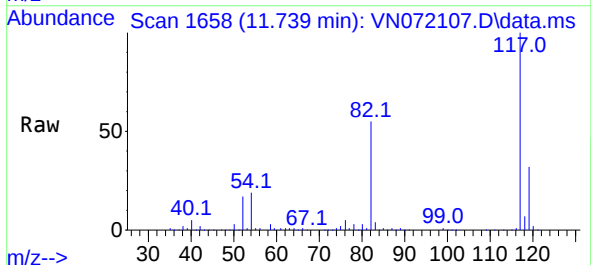
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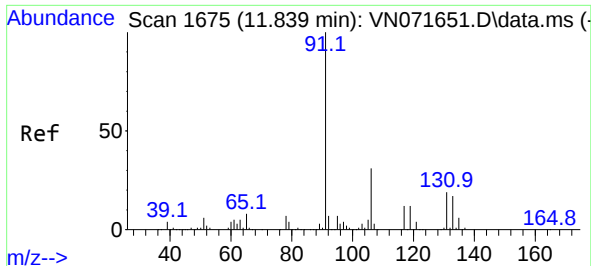
Tgt Ion: 95 Resp: 477813
Ion Ratio Lower Upper
95 100
174 87.5 0.0 167.6
176 85.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 117 Resp: 1143079
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.2 25.4 38.0

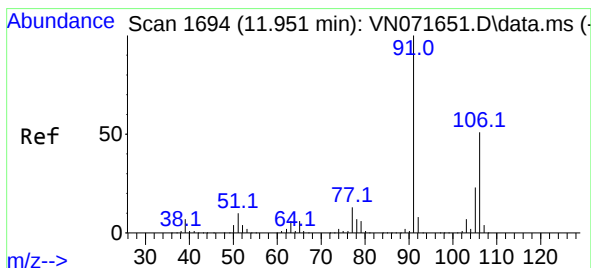
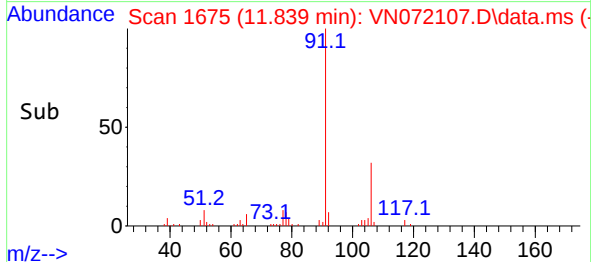
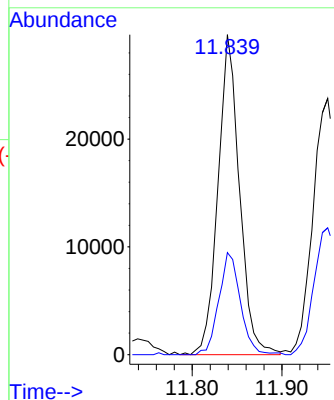
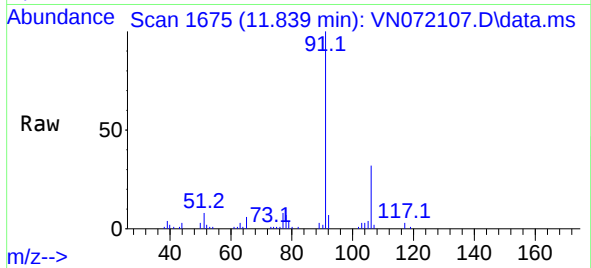




#67
Ethyl Benzene
Concen: 1.275 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

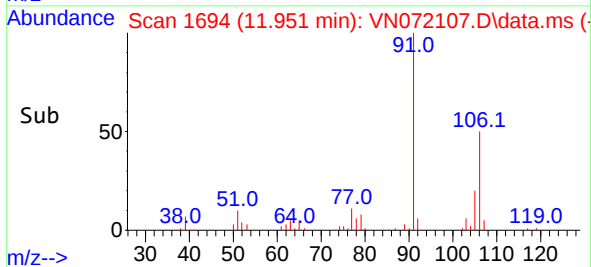
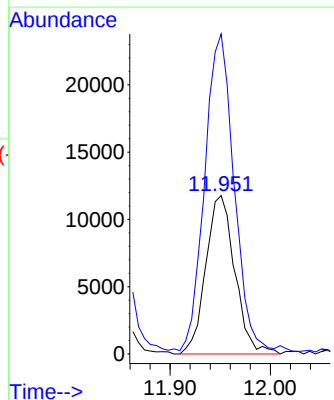
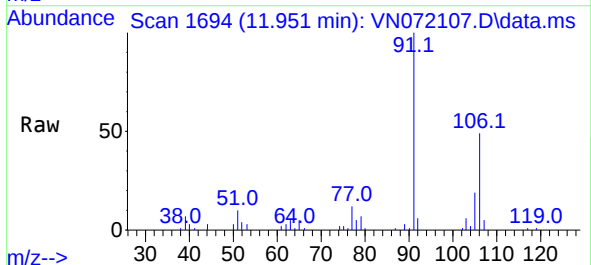
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

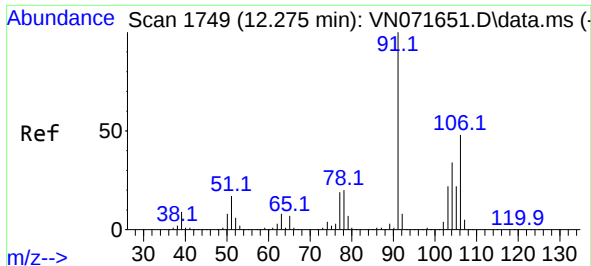
Tgt Ion: 91 Resp: 49394
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 1.591 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 106 Resp: 23689
Ion Ratio Lower Upper
106 100
91 200.1 158.9 238.3

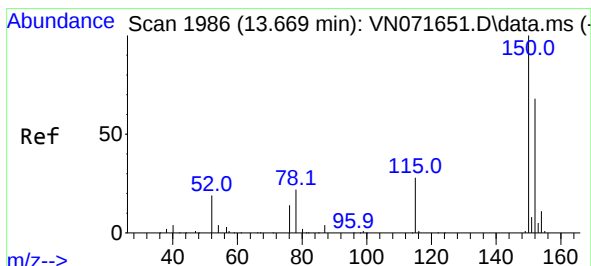
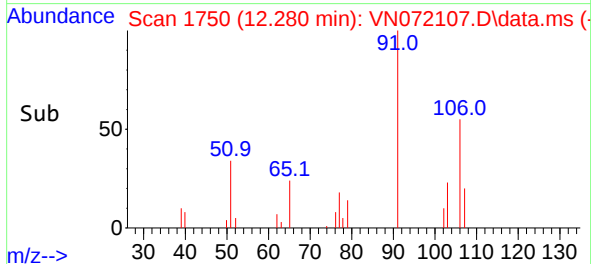
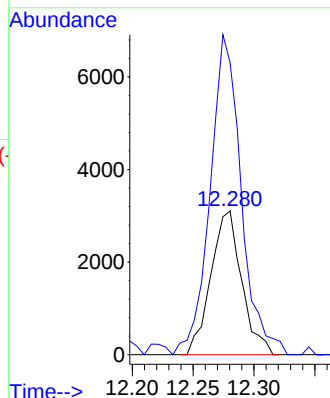
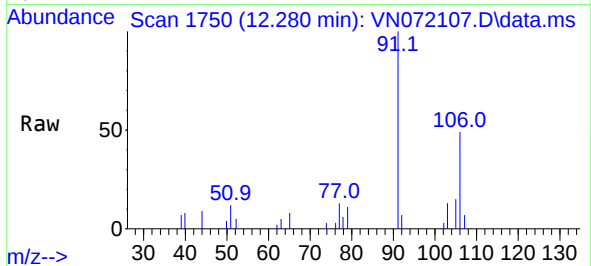




#69
o-Xylene
Concen: 0.369 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

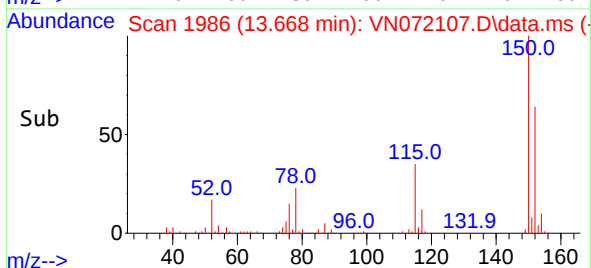
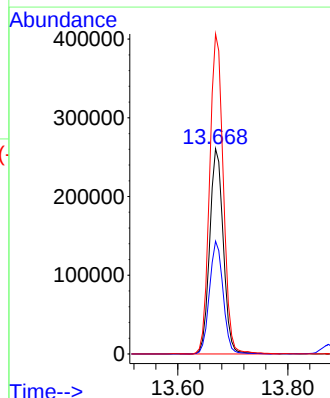
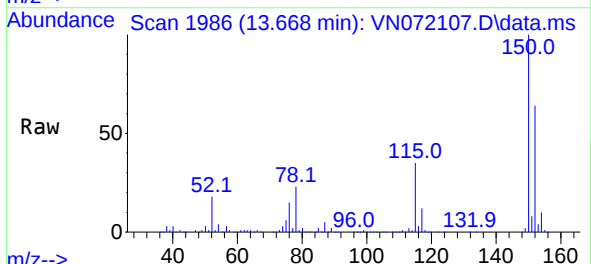
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

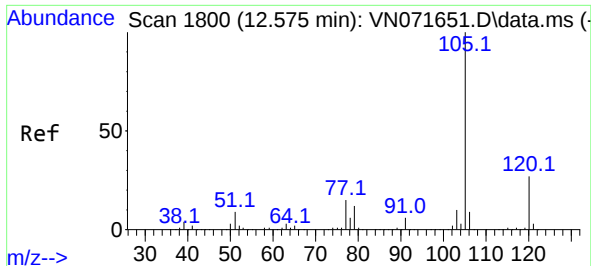
Tgt Ion:106 Resp: 5458
Ion Ratio Lower Upper
106 100
91 225.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion:152 Resp: 448281
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 156.7 0.0 356.2

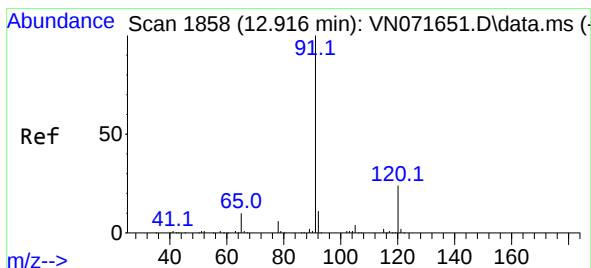
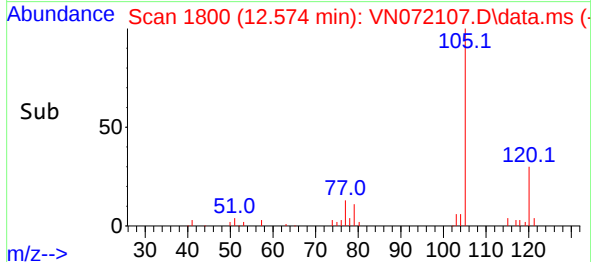
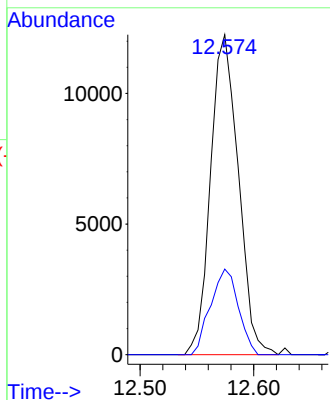
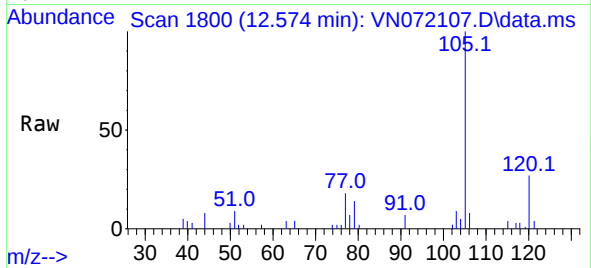




#73
Isopropylbenzene
Concen: 0.551 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

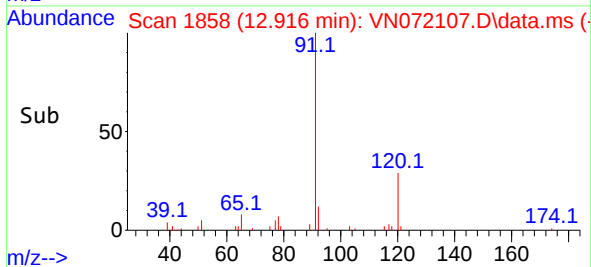
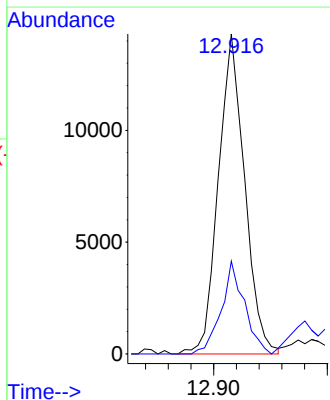
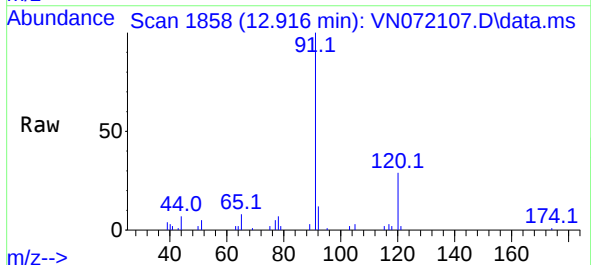
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

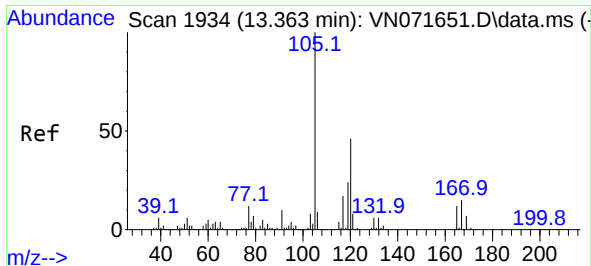
Tgt Ion:105 Resp: 20824
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.578 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion: 91 Resp: 22960
Ion Ratio Lower Upper
91 100
120 25.6 11.9 35.5

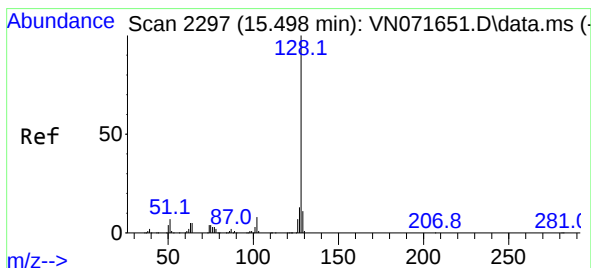
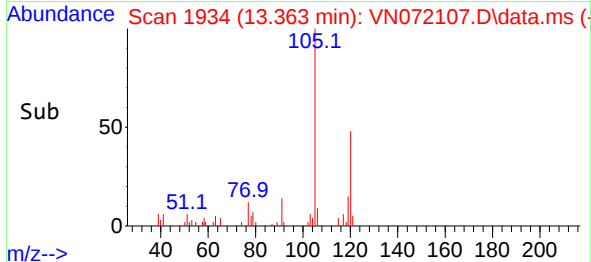
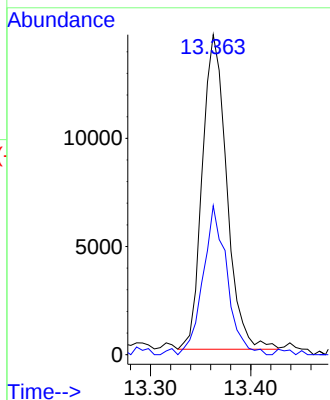
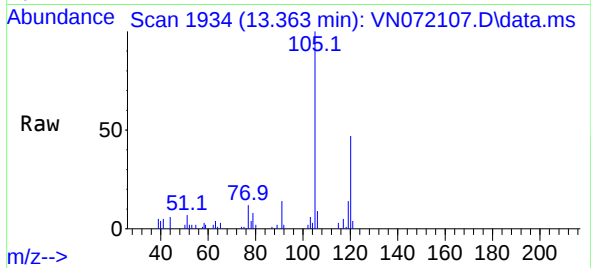




#84
1,2,4-Trimethylbenzene
Concen: 0.845 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:105 Resp: 24682
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8



#95
Naphthalene
Concen: 5.452 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072107.D
Acq: 21 Apr 2022 03:54

Tgt Ion:128 Resp: 36437
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.8 8.6 13.0

