

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071779.D
 Acq On : 02 Apr 2022 02:34
 Operator : JC\MD
 Sample : N2222-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18

Quant Time: Apr 02 05:33:39 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)

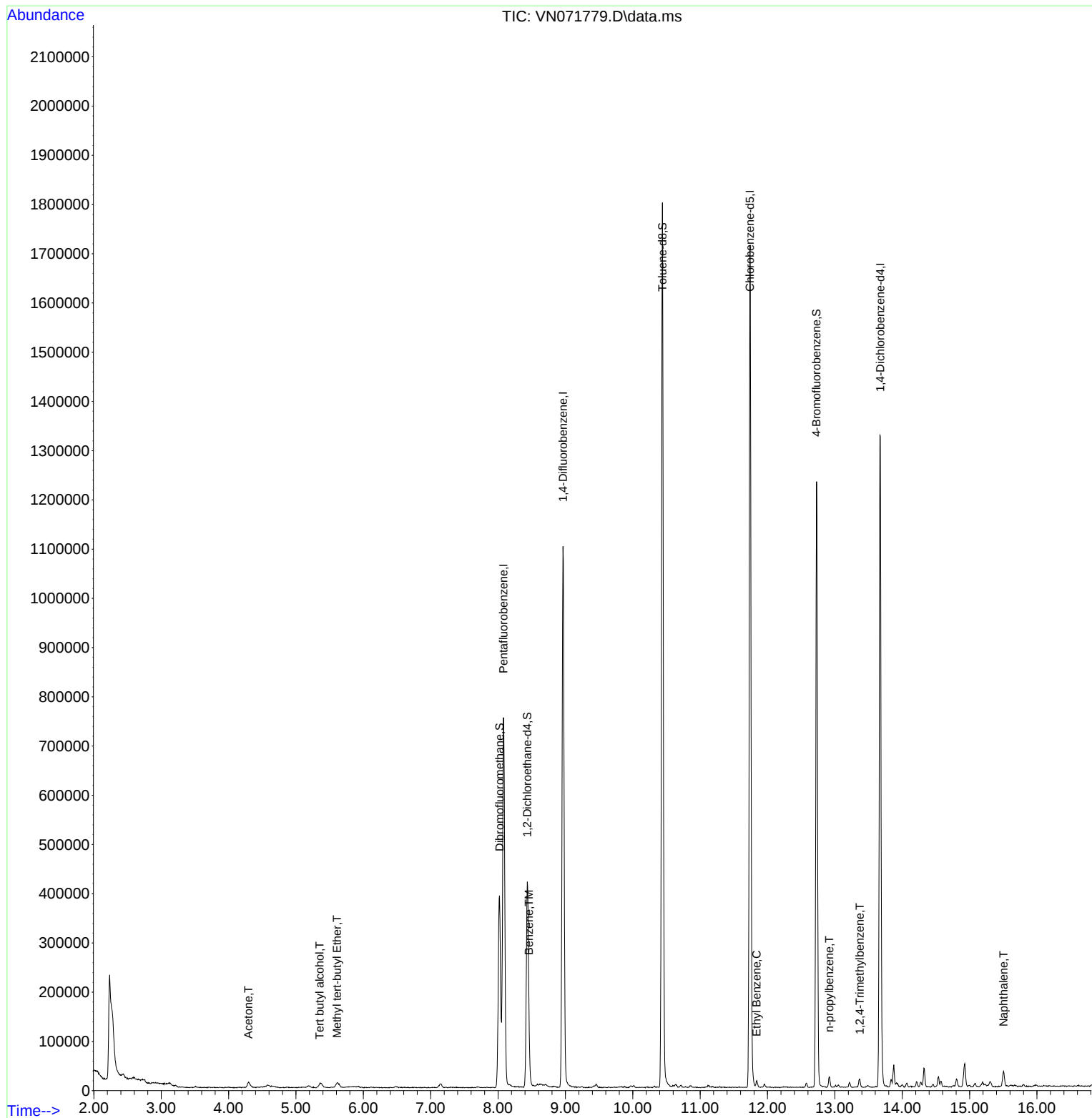
Internal Standards						
1) Pentafluorobenzene	8.081	168	604514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1032514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1064679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	402877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	348904	50.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.120%			
35) Dibromofluoromethane	8.022	113	296192	48.750	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.500%			
50) Toluene-d8	10.439	98	1287214	51.790	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.727	95	439743	54.706	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.351	59	19527	17.436	ug/l #	89
16) Acetone	4.293	43	17835	6.047	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	15419	0.832	ug/l #	78
40) Benzene	8.457	78	31226	1.165	ug/l	99
67) Ethyl Benzene	11.839	91	8695	0.241	ug/l #	80
78) n-propylbenzene	12.916	91	18929	0.530	ug/l	100
84) 1,2,4-Trimethylbenzene	13.368	105	10976	0.418	ug/l	98
95) Naphthalene	15.504	128	31389	5.384	ug/l	98

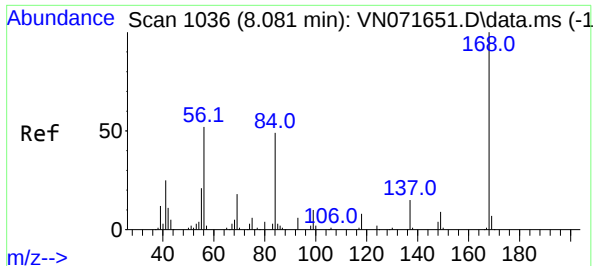
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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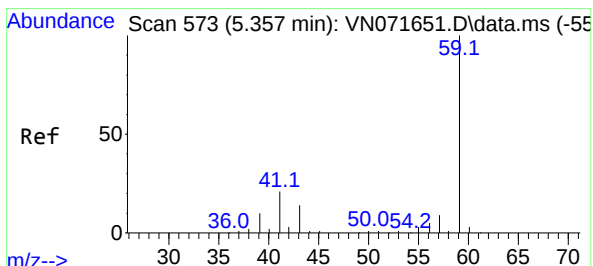
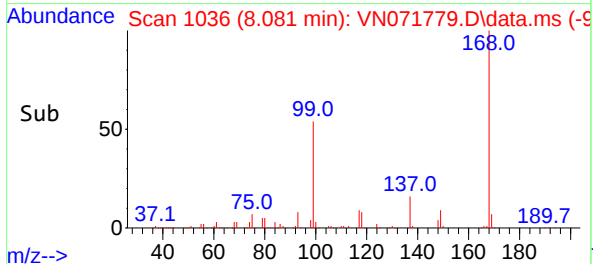
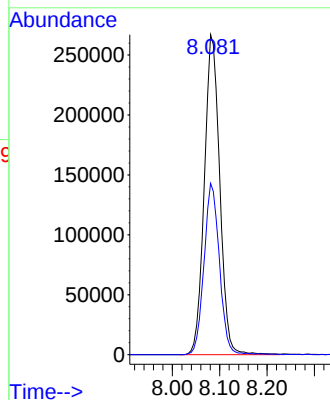
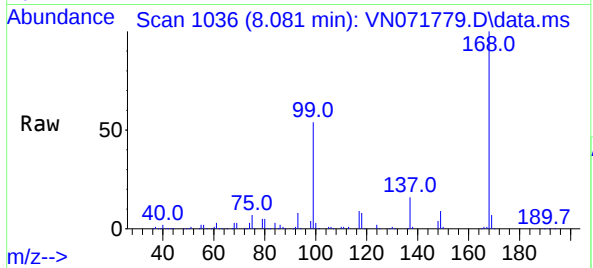




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

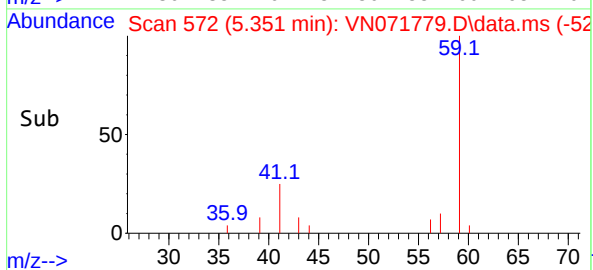
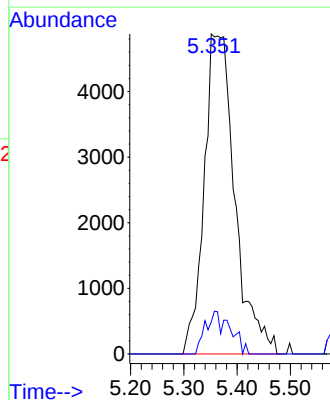
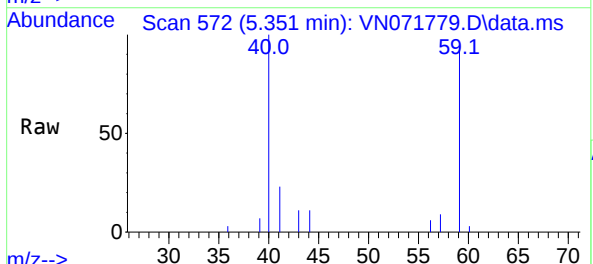
Instrument :
MSVOA_N
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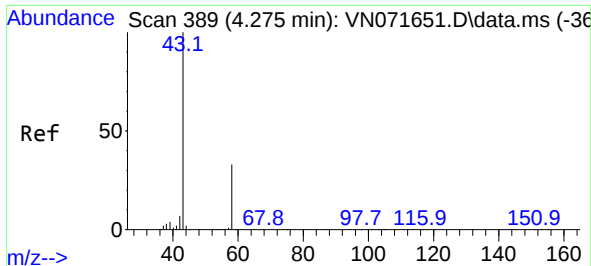
Tgt Ion:168 Resp: 604514
Ion Ratio Lower Upper
168 100
99 53.6 42.3 63.5



#11
Tert butyl alcohol
Concen: 17.436 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.006 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 59 Resp: 19527
Ion Ratio Lower Upper
59 100
57 6.2 8.3 12.5#

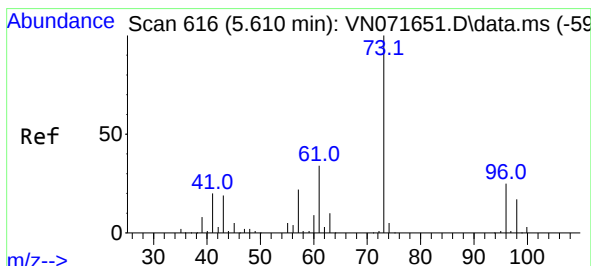
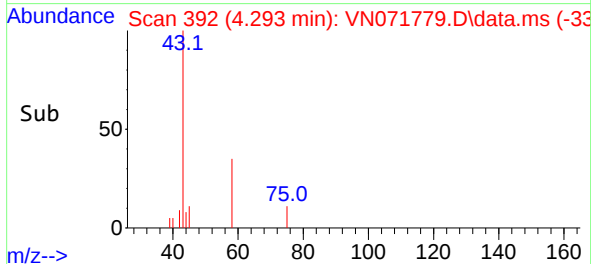
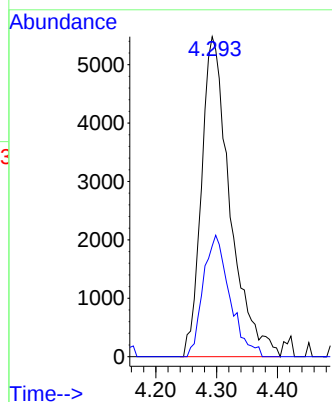
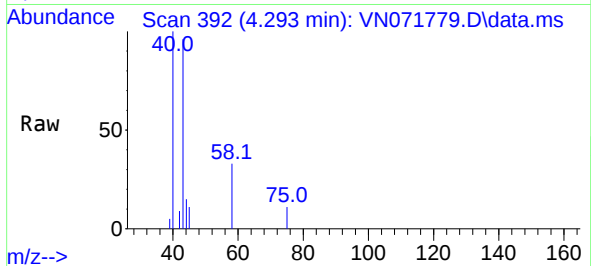




#16
Acetone
Concen: 6.047 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

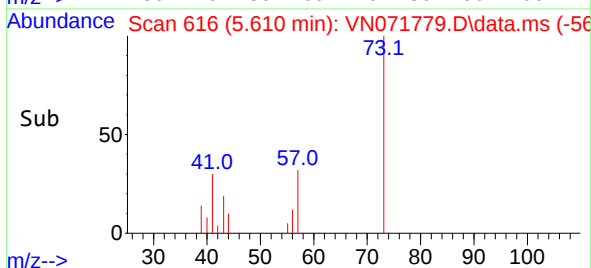
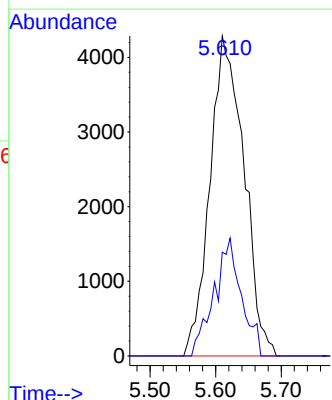
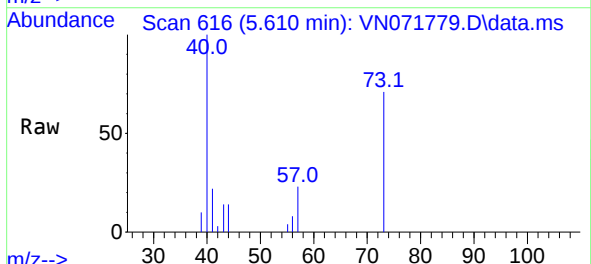
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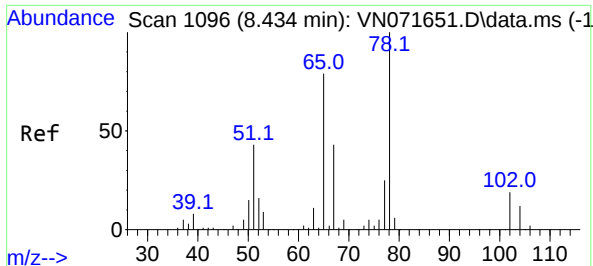
Tgt Ion: 43 Resp: 17835
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 0.832 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 73 Resp: 15419
Ion Ratio Lower Upper
73 100
57 32.4 17.6 26.4#

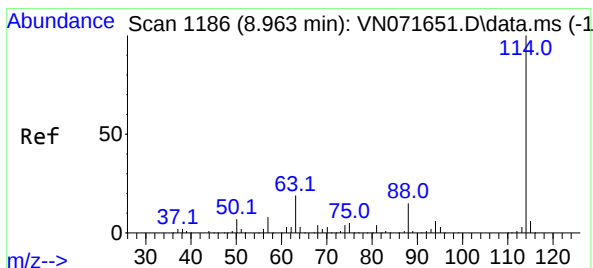
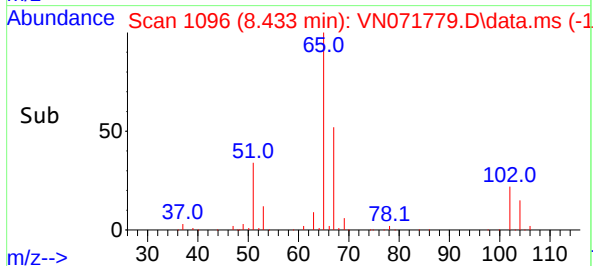
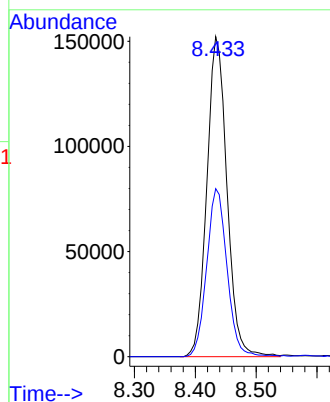
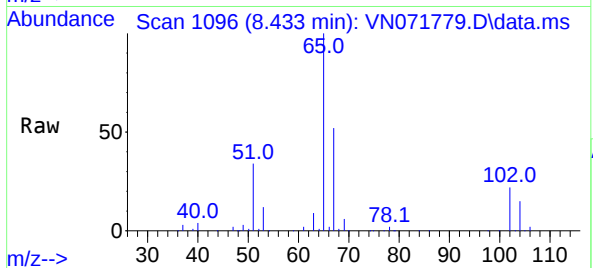




#33
1,2-Dichloroethane-d4
Concen: 50.557 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

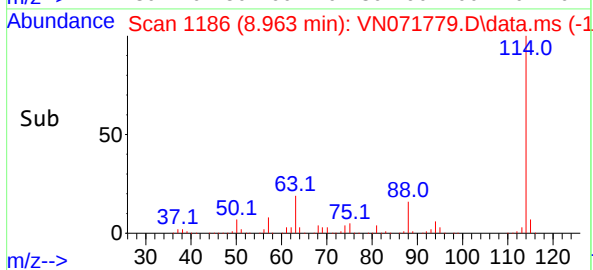
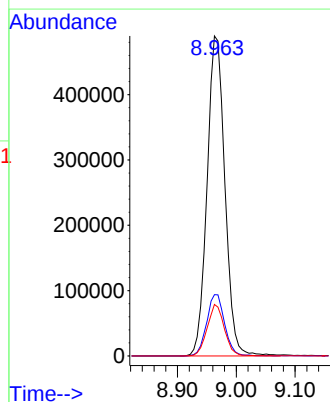
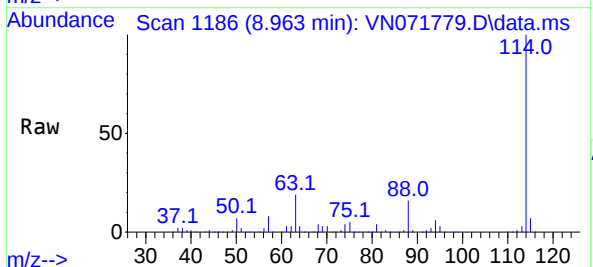
Instrument :
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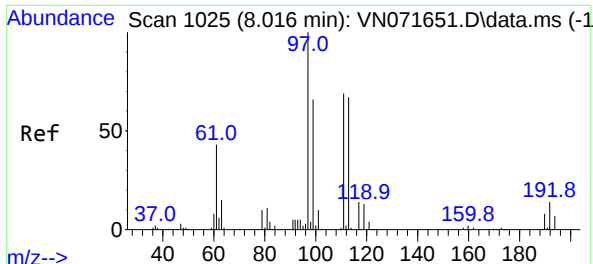
Tgt Ion: 65 Resp: 348904
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion:114 Resp: 1032514
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 16.1 0.0 32.6

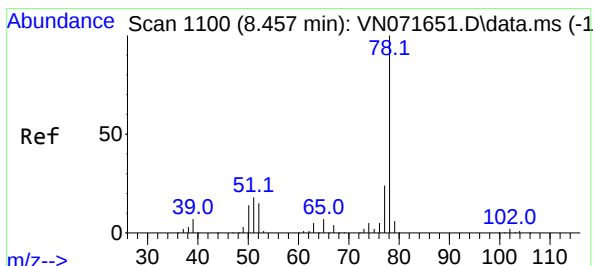
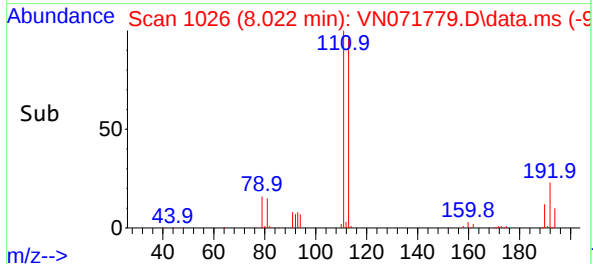
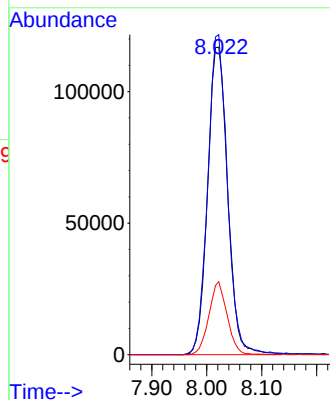
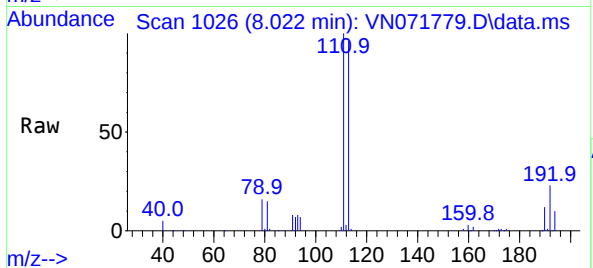




#35
Dibromofluoromethane
Concen: 48.750 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

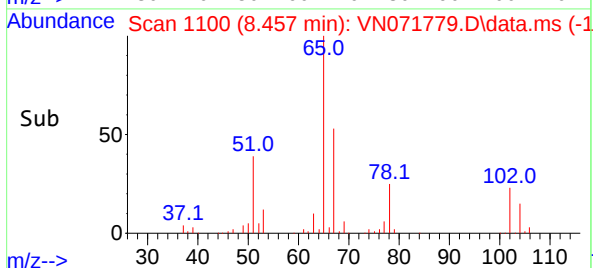
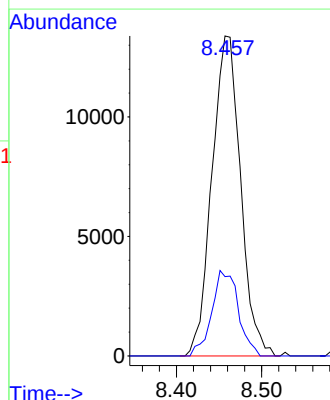
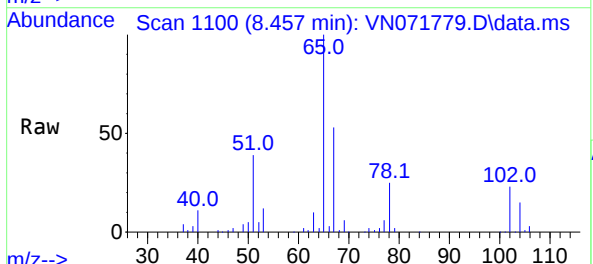
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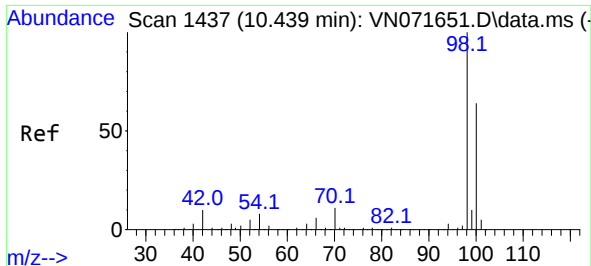
Tgt Ion:113 Resp: 296192
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.6 17.0 25.6



#40
Benzene
Concen: 1.165 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 78 Resp: 31226
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

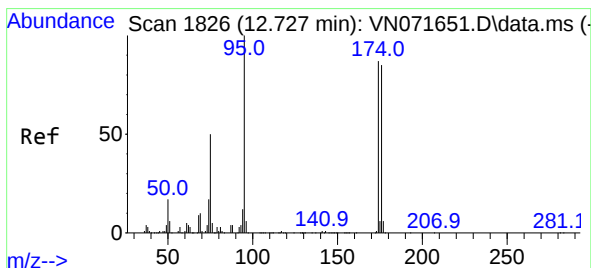
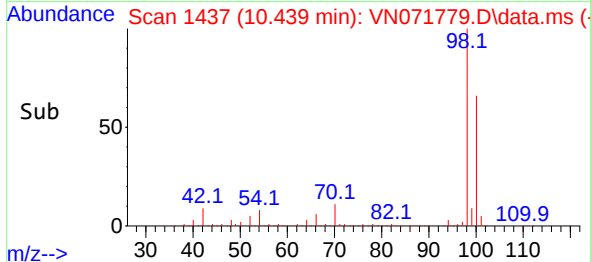
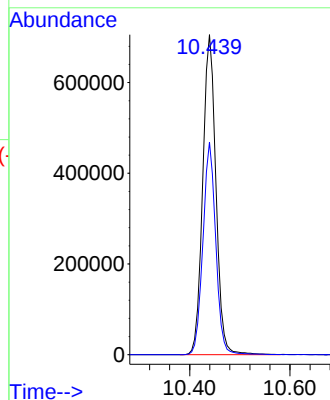
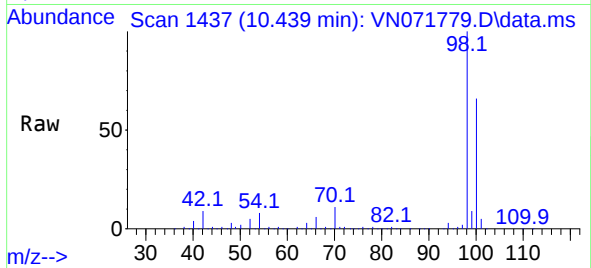




#50
Toluene-d8
Concen: 51.790 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

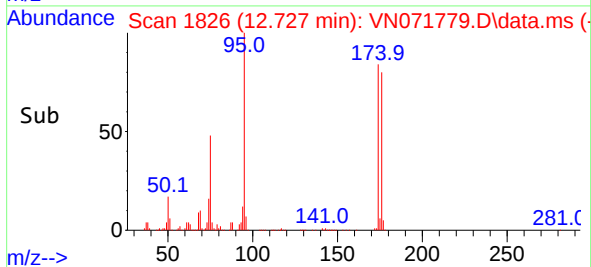
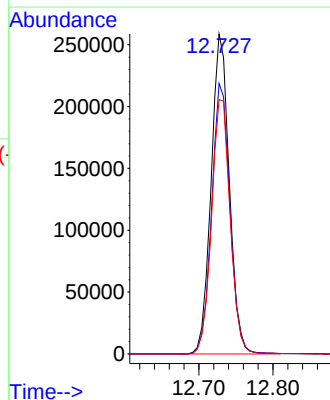
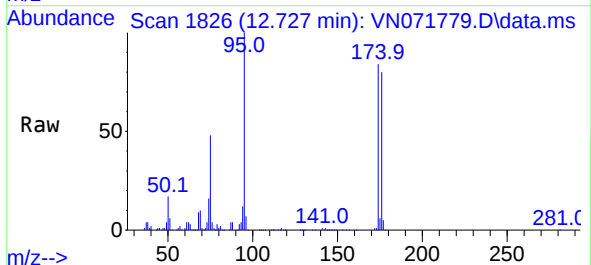
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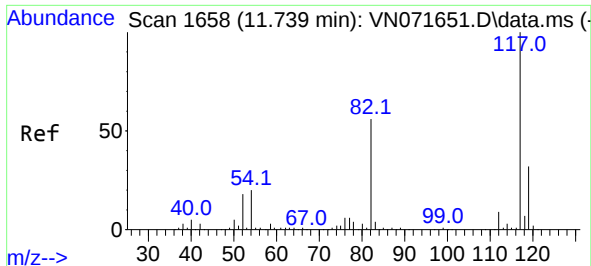
Tgt Ion: 98 Resp: 1287214
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.706 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 95 Resp: 439743
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 81.7 0.0 163.4

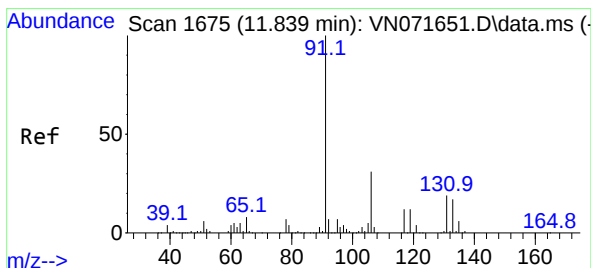
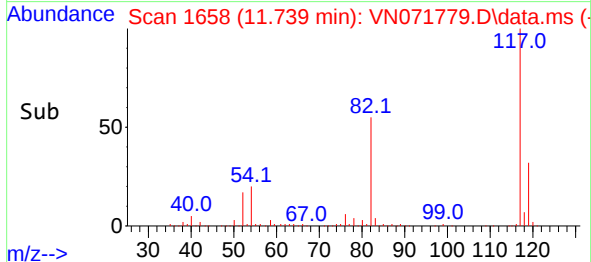
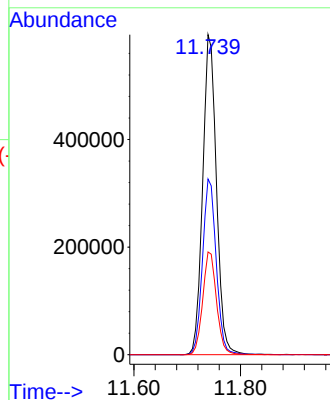
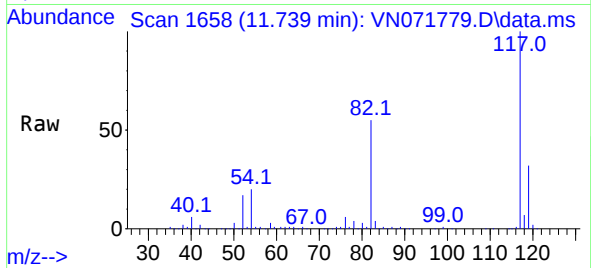




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

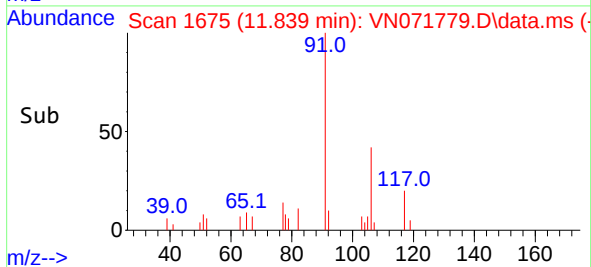
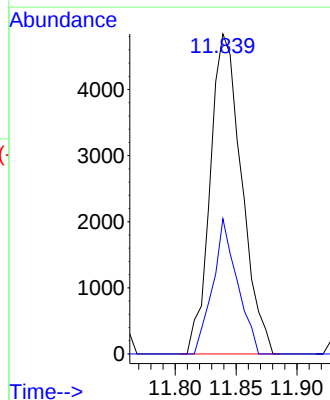
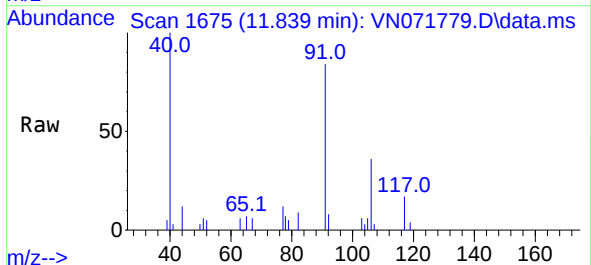
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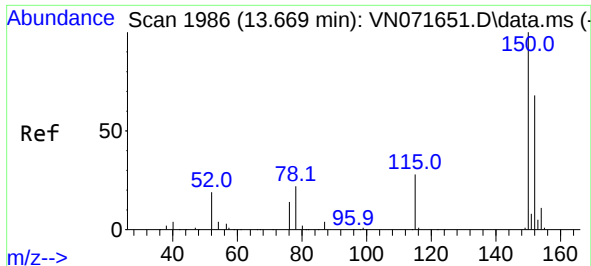
Tgt Ion:117 Resp: 1064679
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 91 Resp: 8695
Ion Ratio Lower Upper
91 100
106 42.3 24.9 37.3#

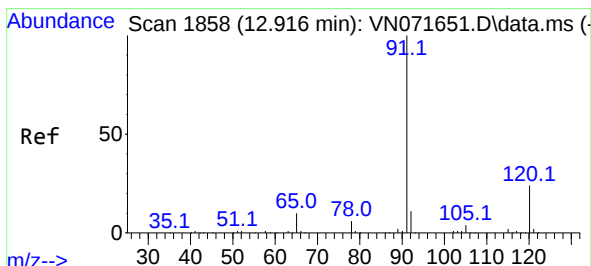
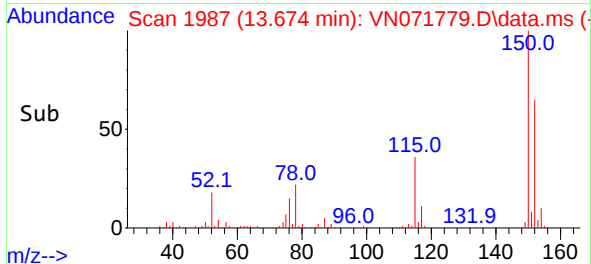
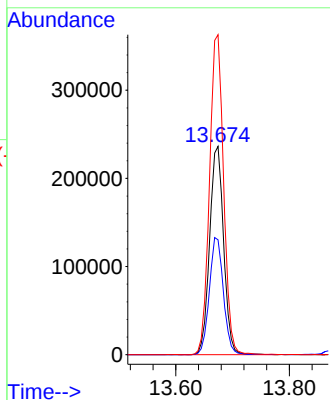
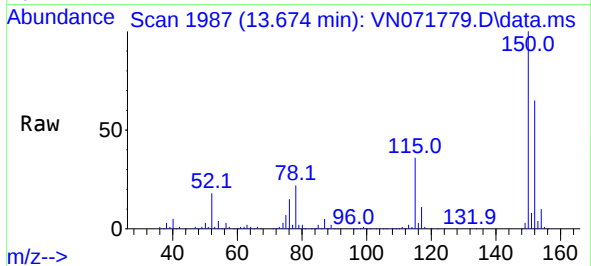




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

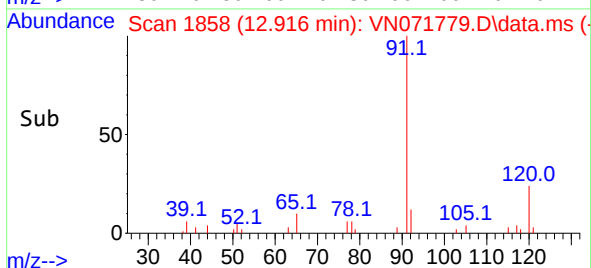
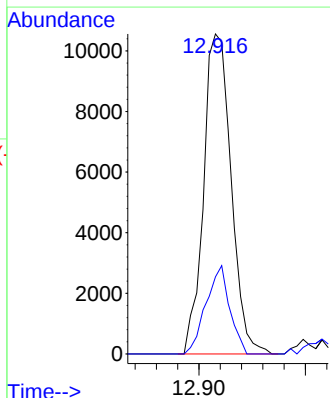
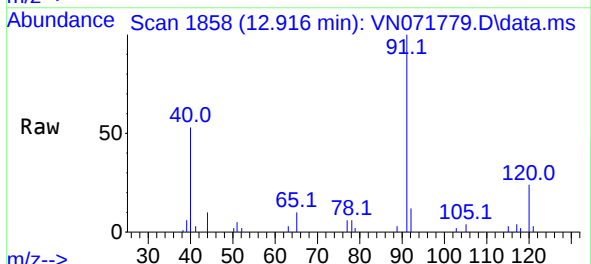
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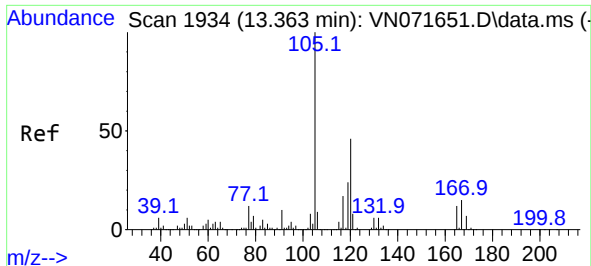
Tgt Ion:152 Resp: 402877
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 154.6 0.0 356.2



#78
n-propylbenzene
Concen: 0.530 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion: 91 Resp: 18929
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

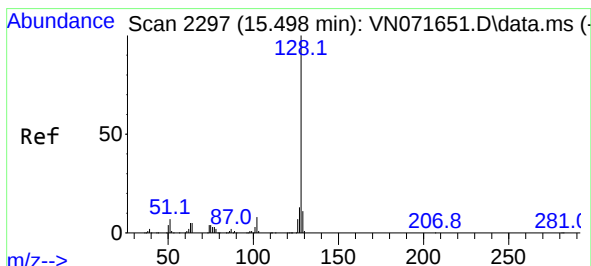
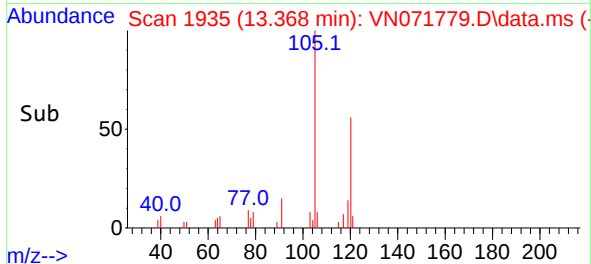
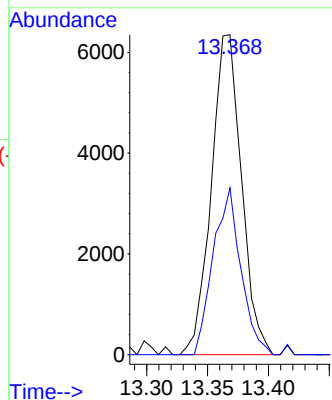
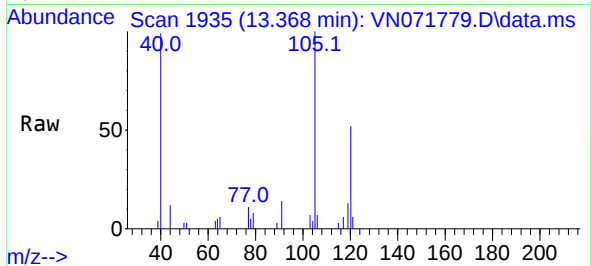




#84
1,2,4-Trimethylbenzene
Concen: 0.418 ug/l
RT: 13.368 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Instrument :
MSVOA_N
ClientSampleId :
MW-18

Tgt Ion:105 Resp: 10976
Ion Ratio Lower Upper
105 100
120 47.8 23.3 69.8



#95
Naphthalene
Concen: 5.384 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071779.D
Acq: 02 Apr 2022 02:34

Tgt Ion:128 Resp: 31389
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 12.1 8.6 13.0

