

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071108.D
 Acq On : 28 Feb 2022 20:44
 Operator : JC\MD
 Sample : N1689-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Quant Time: Mar 01 04:25:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

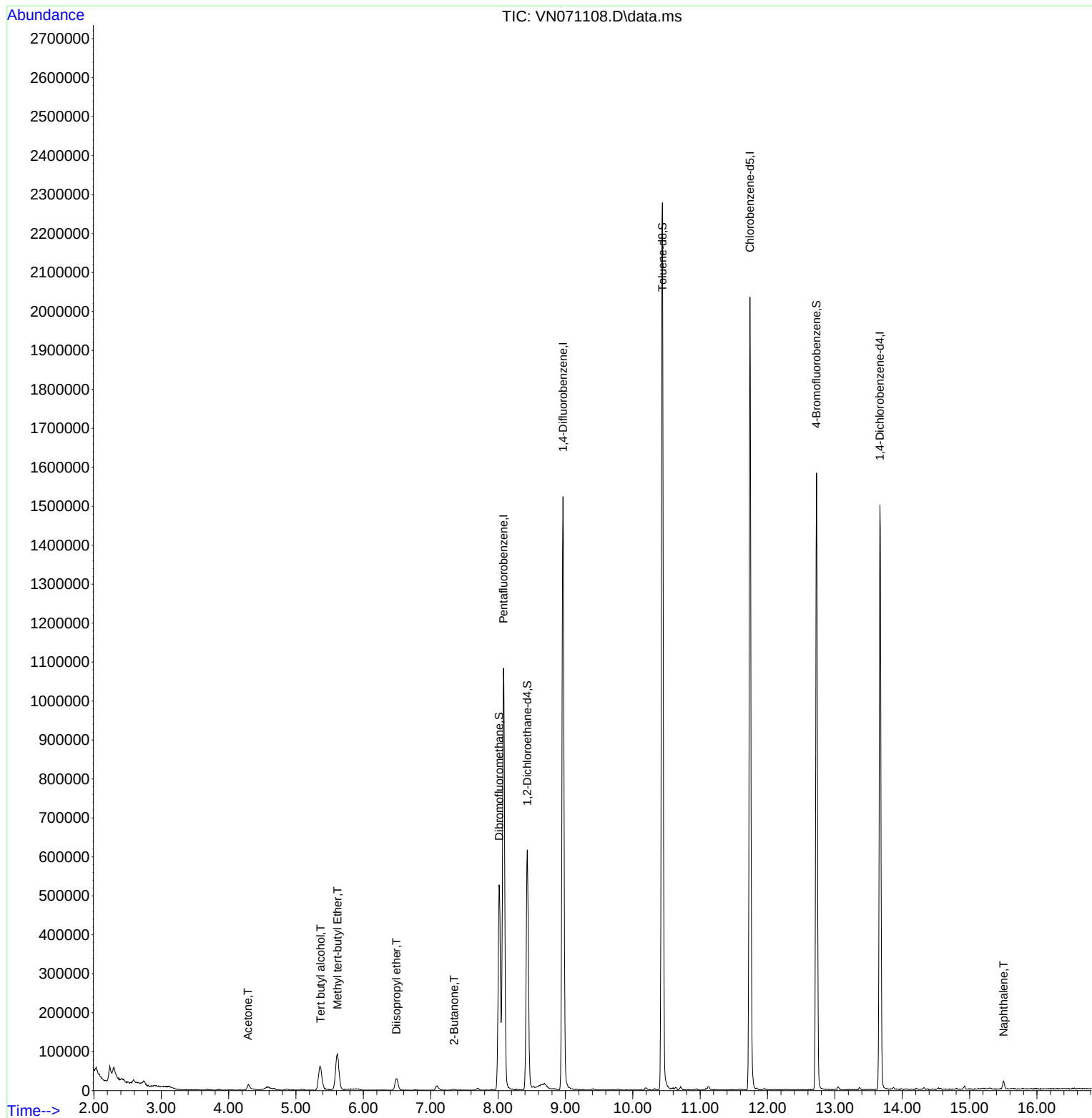
Internal Standards						
1) Pentafluorobenzene	8.081	168	854136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1343852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1173004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	422570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	511670	52.442	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.880%	
35) Dibromofluoromethane	8.016	113	391636	48.996	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.000%	
50) Toluene-d8	10.439	98	1628711	50.738	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.727	95	558302	48.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	114728	64.521	ug/l #	90
16) Acetone	4.287	43	22038	4.101	ug/l	98
18) Methyl Acetate	4.863	43	6135	Below Cal		96
19) Methyl tert-butyl Ether	5.616	73	152203	5.189	ug/l	93
22) Diisopropyl ether	6.492	45	38930	1.273	ug/l #	77
25) 2-Butanone	7.345	43	4565	0.639	ug/l	99
95) Naphthalene	15.504	128	20246	5.954	ug/l	99

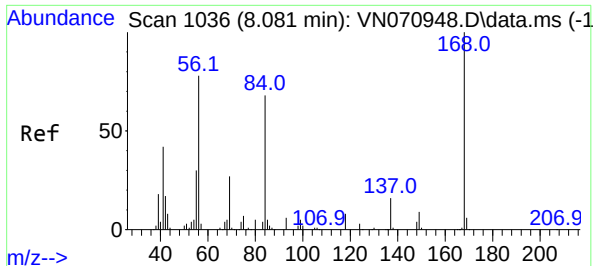
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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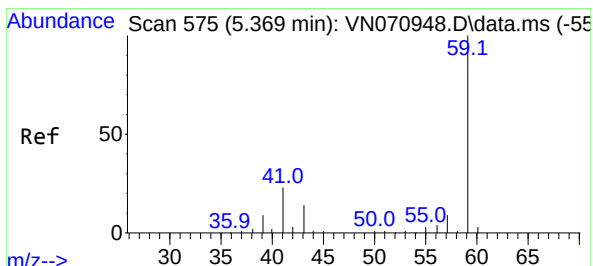
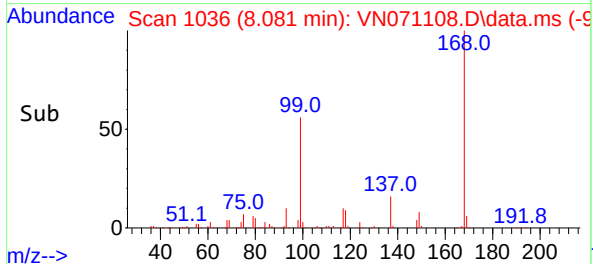
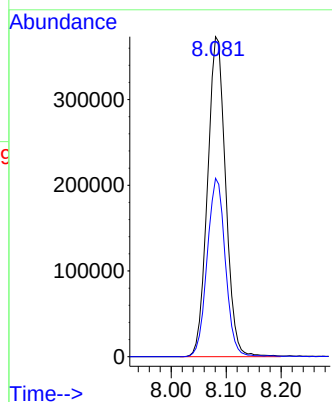
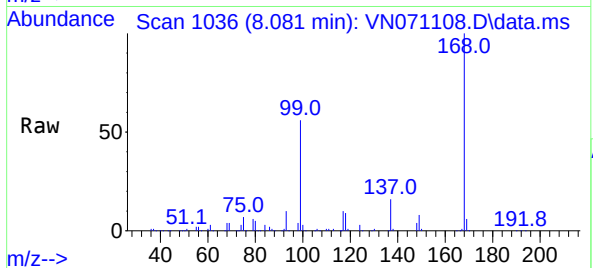




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

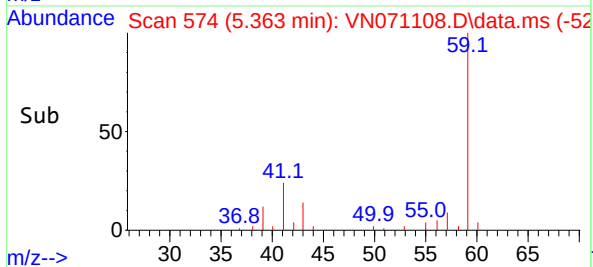
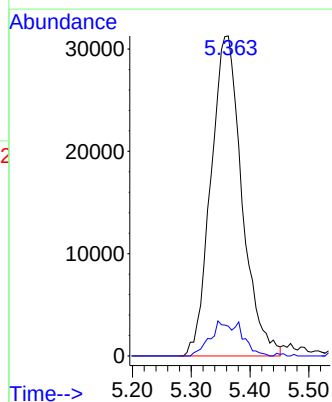
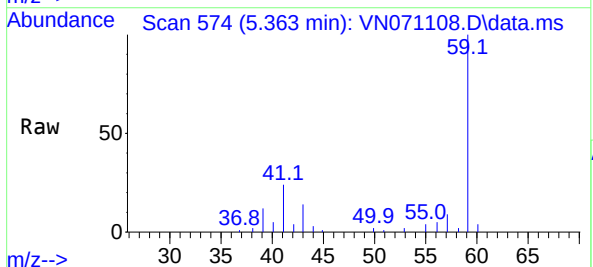
Instrument :
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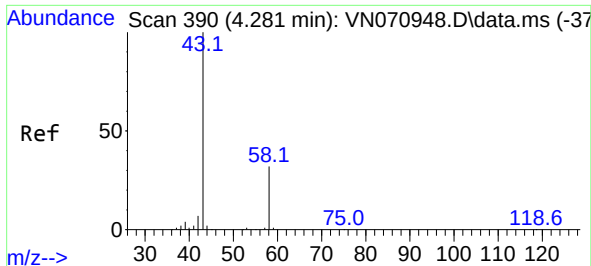
Tgt Ion:168 Resp: 854136
Ion Ratio Lower Upper
168 100
99 55.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 64.521 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 59 Resp: 114728
Ion Ratio Lower Upper
59 100
57 7.1 8.7 13.1#

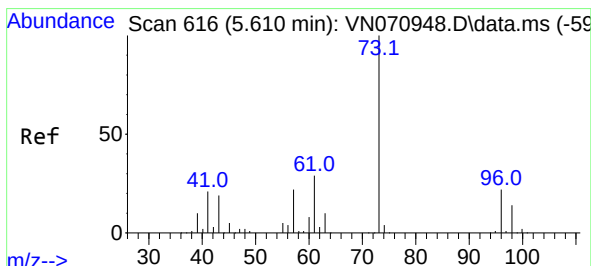
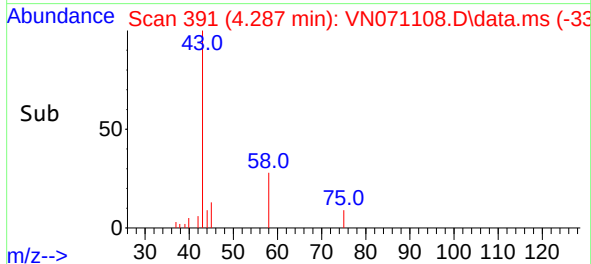
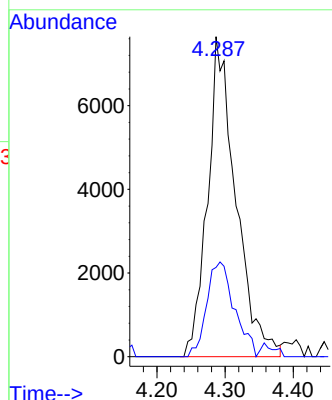
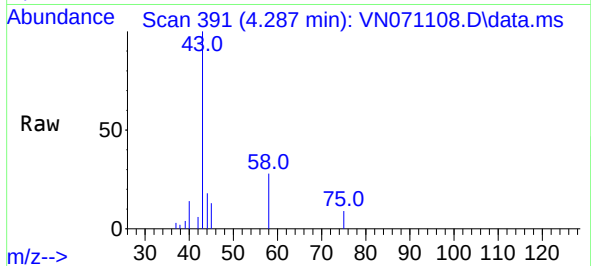




#16
Acetone
Concen: 4.101 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

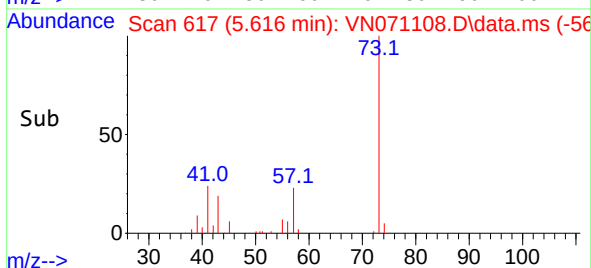
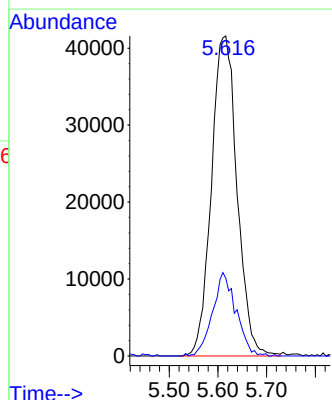
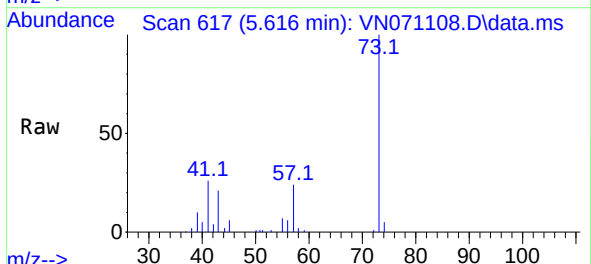
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ClientSampleId :
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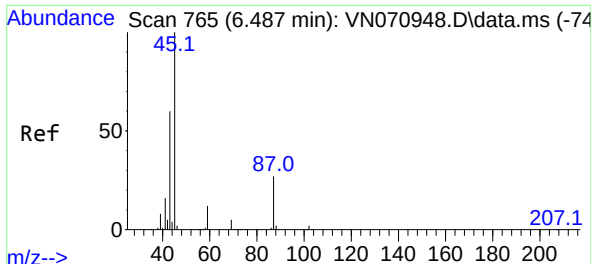
Tgt Ion: 43 Resp: 22038
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 5.189 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 73 Resp: 152203
Ion Ratio Lower Upper
73 100
57 24.3 16.8 25.2

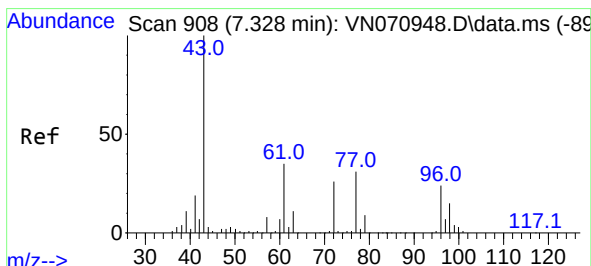
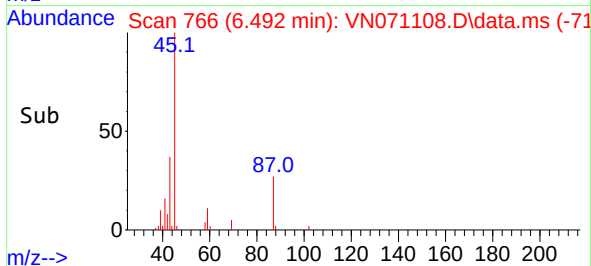
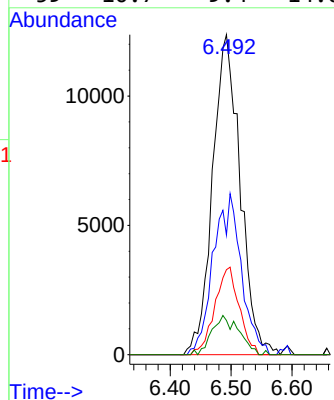
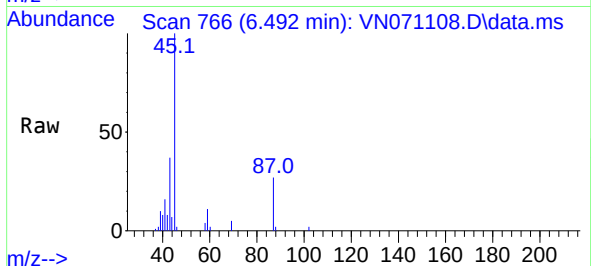




#22
Diisopropyl ether
Concen: 1.273 ug/l
RT: 6.492 min Scan# 711
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

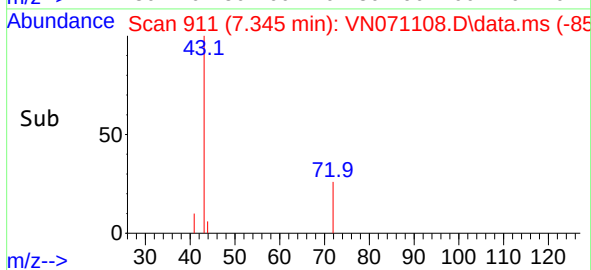
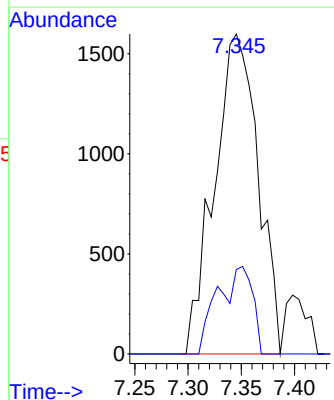
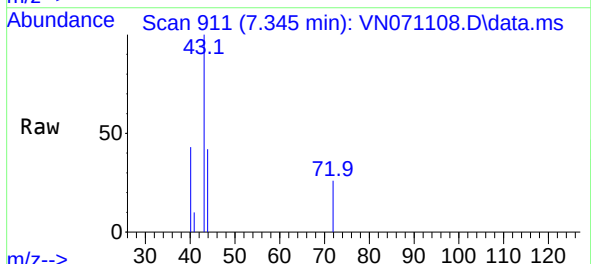
Instrument :
MSVOA_N
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MW-44

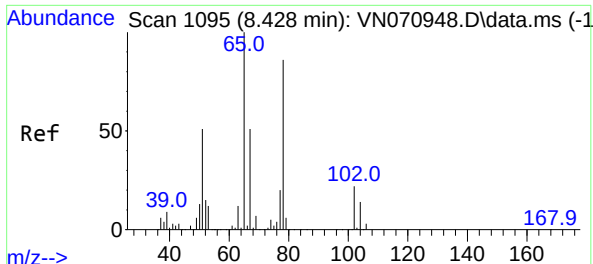
Tgt Ion: 45	Resp: 38930
Ion Ratio	Lower Upper
45 100	
43 37.4	51.7 77.5#
87 26.6	23.2 34.8
59 10.7	9.4 14.0



#25
2-Butanone
Concen: 0.639 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 43	Resp: 4565
Ion Ratio	Lower Upper
43 100	
72 26.4	21.7 32.5

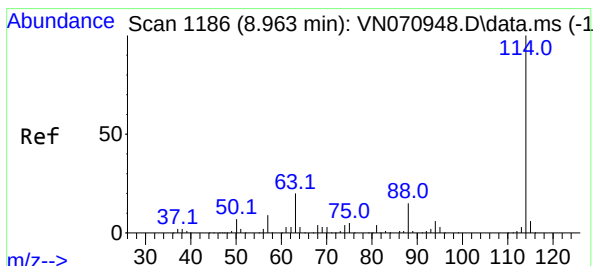
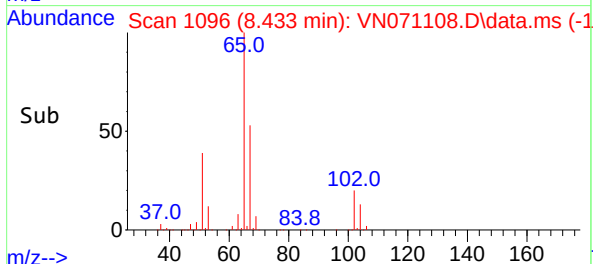
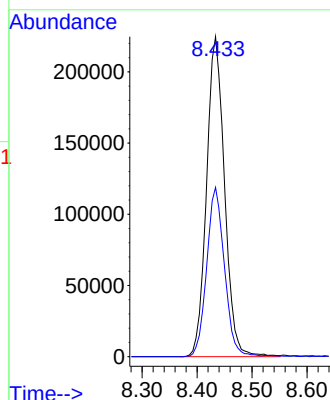
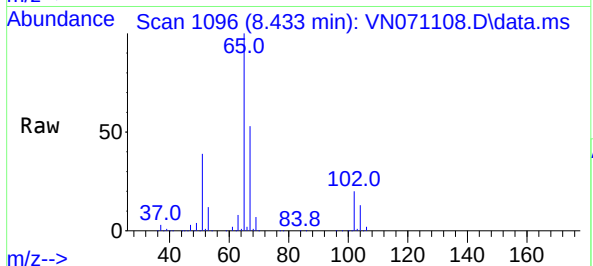




#33
1,2-Dichloroethane-d4
Concen: 52.442 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

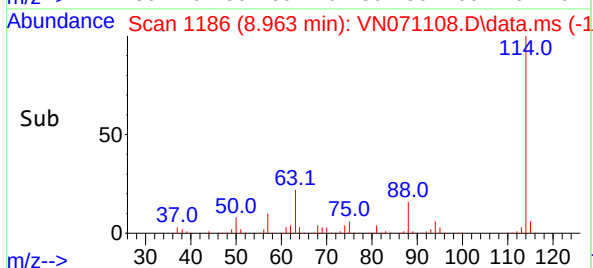
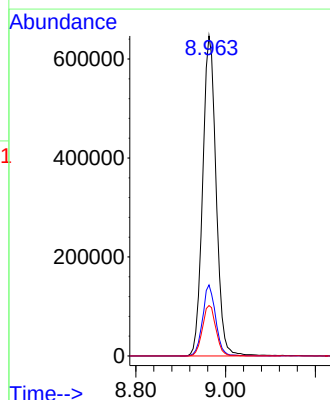
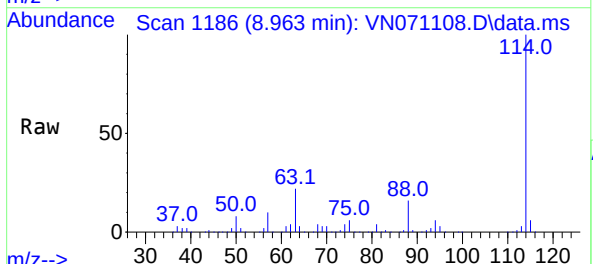
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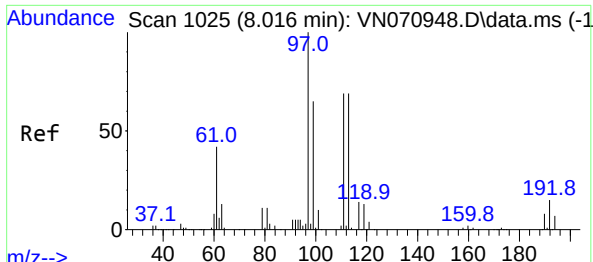
Tgt Ion: 65 Resp: 511670
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion:114 Resp: 1343852
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 15.8 0.0 27.4

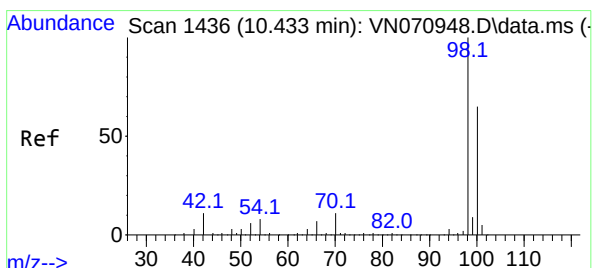
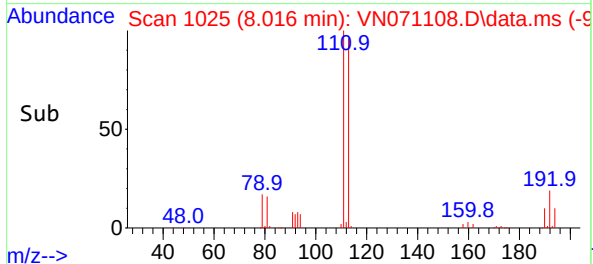
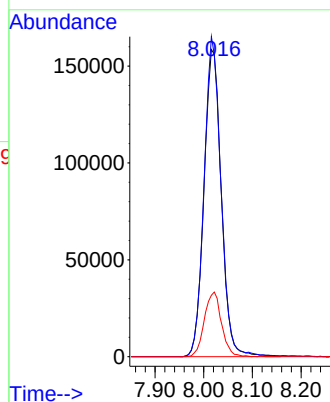
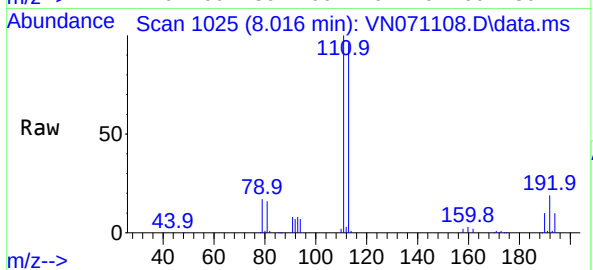




#35
Dibromofluoromethane
Concen: 48.996 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

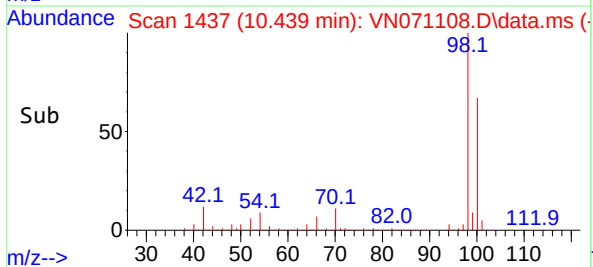
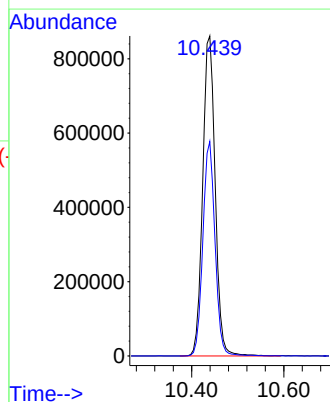
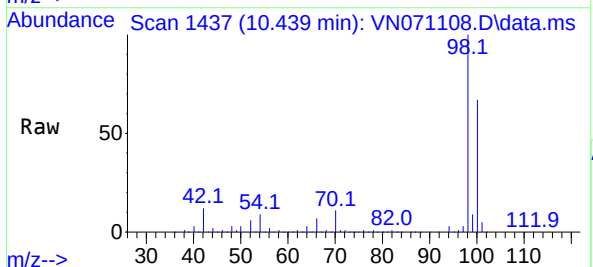
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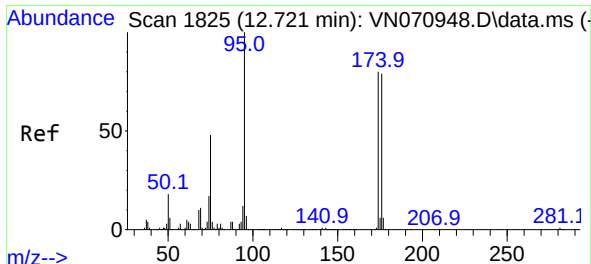
Tgt Ion:113 Resp: 391636
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.8 16.9 25.3



#50
Toluene-d8
Concen: 50.738 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 98 Resp: 1628711
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

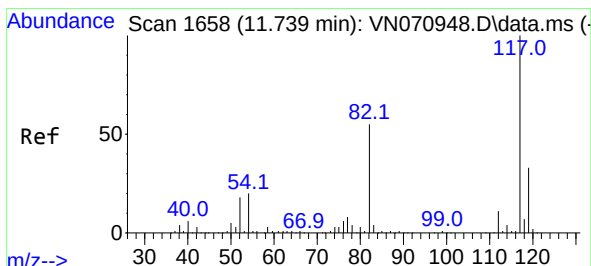
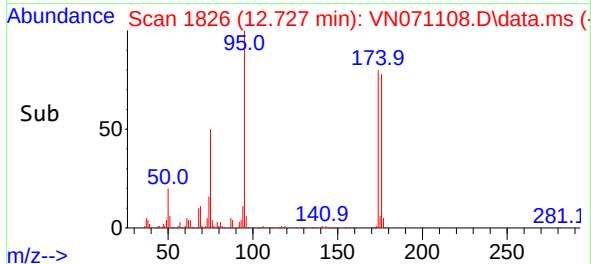
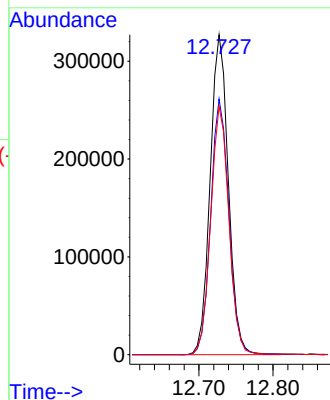
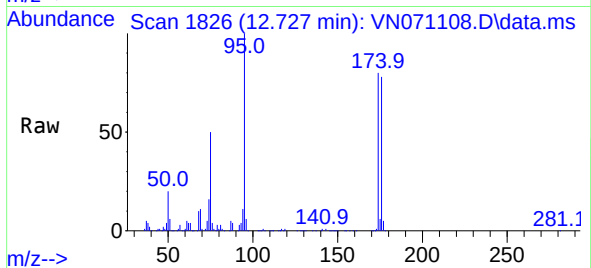




#62
4-Bromofluorobenzene
Concen: 48.658 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

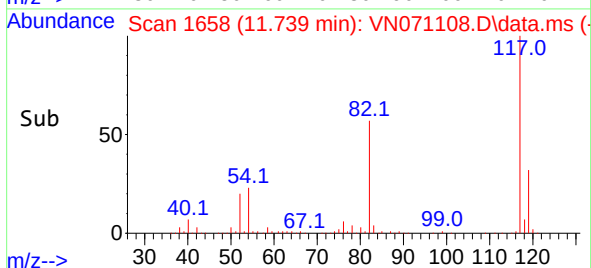
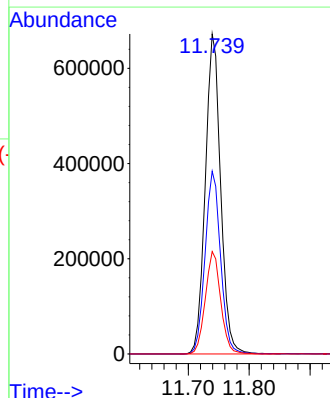
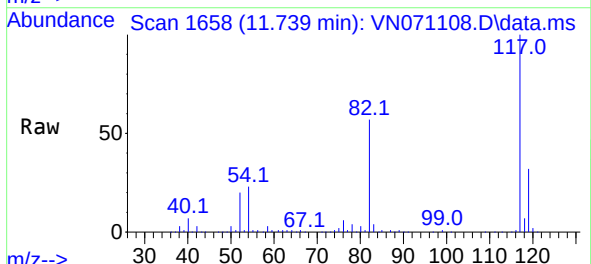
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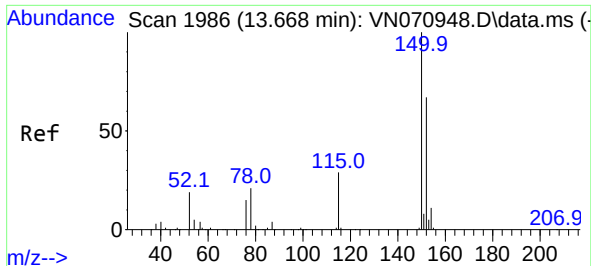
Tgt Ion: 95 Resp: 558302
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 77.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 117 Resp: 1173004
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.0 25.4 38.2

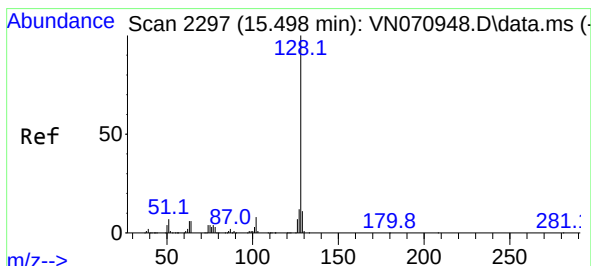
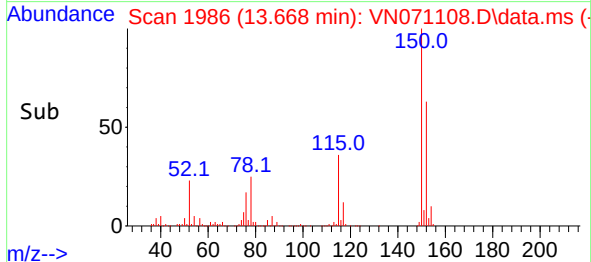
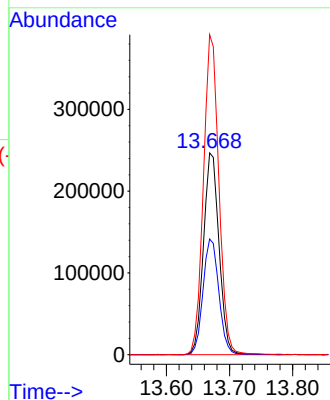
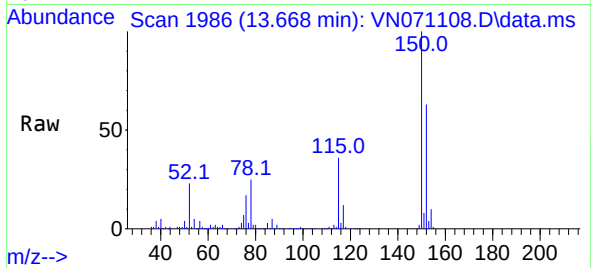




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Instrument :
MSVOA_N
ClientSampleId :
MW-44

Tgt Ion:152 Resp: 422570
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 157.6 0.0 344.4



#95
Naphthalene
Concen: 5.954 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071108.D
Acq: 28 Feb 2022 20:44

Tgt Ion:128 Resp: 20246
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.4 8.7 13.1

