

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070823.D
 Acq On : 28 Jan 2022 12:47
 Operator : JC/MD
 Sample : PB142316TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316TB

Quant Time: Jan 28 23:16:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

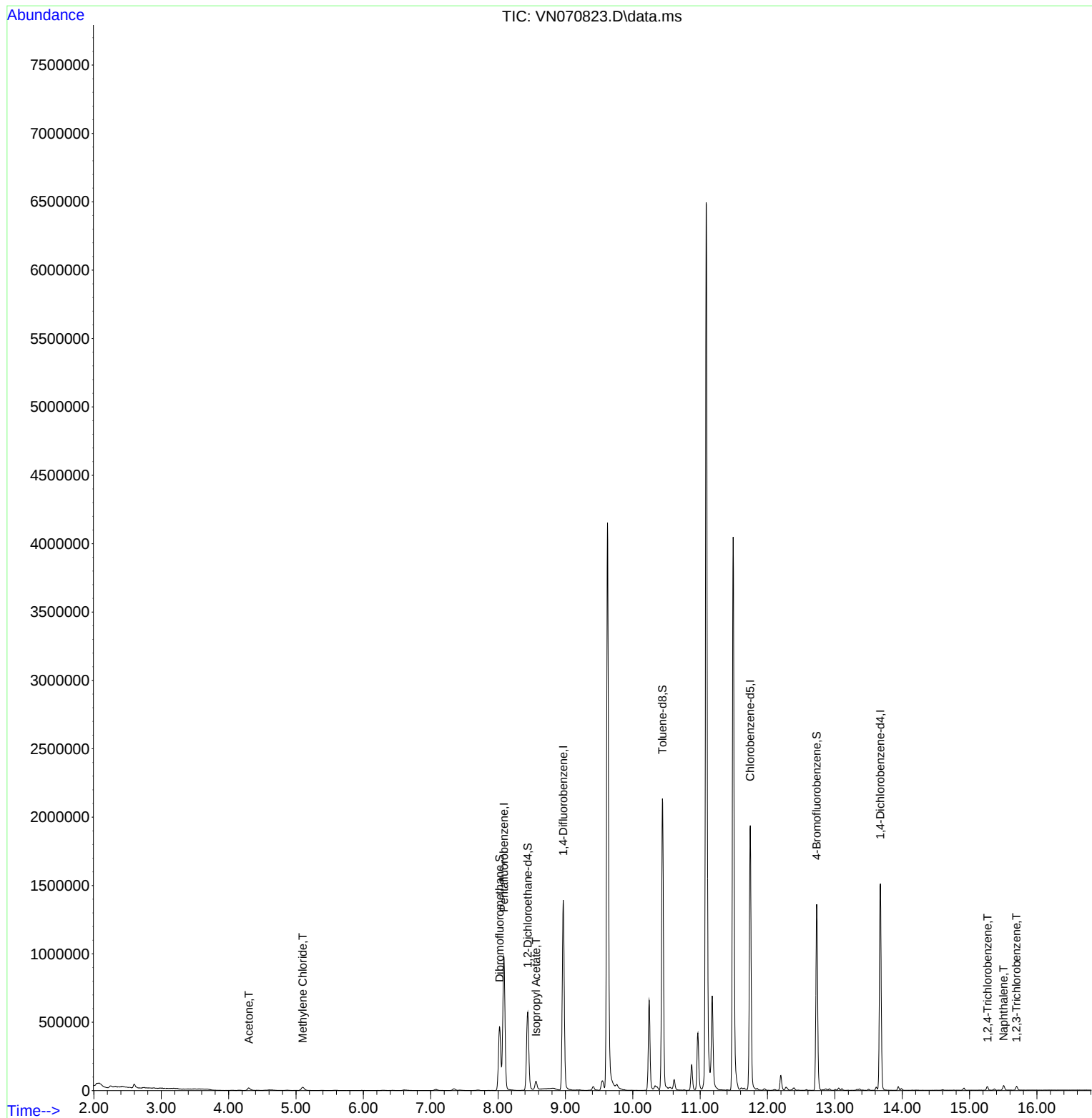
Internal Standards						
1) Pentafluorobenzene	8.086	168	724845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1179908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1102709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	415983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	521223	50.175	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.340%	
35) Dibromofluoromethane	8.021	113	349198	47.711	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.420%	
50) Toluene-d8	10.440	98	1501355	48.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.731	95	501565	45.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.300%	
Target Compounds						
						Qvalue
16) Acetone	4.299	43	36923	5.121	ug/l	99
20) Methylene Chloride	5.101	84	17269	1.818	ug/l	91
43) Isopropyl Acetate	8.563	43	83498	3.342	ug/l	# 85
93) 1,2,4-Trichlorobenzene	15.268	180	9704	4.601	ug/l	95
95) Naphthalene	15.504	128	33195	6.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	10121	4.505	ug/l	92

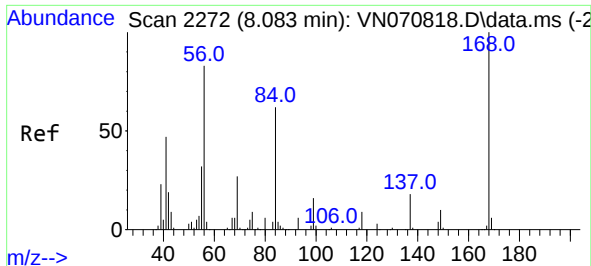
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

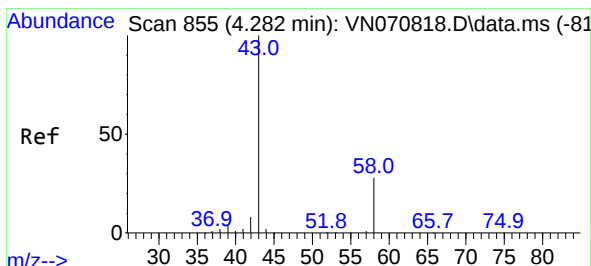
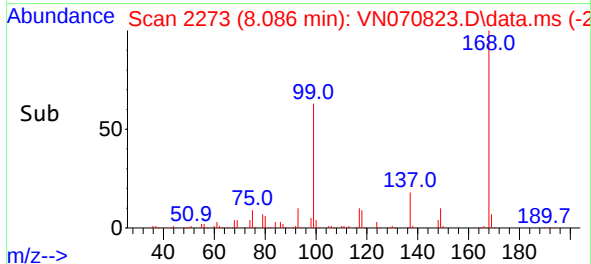
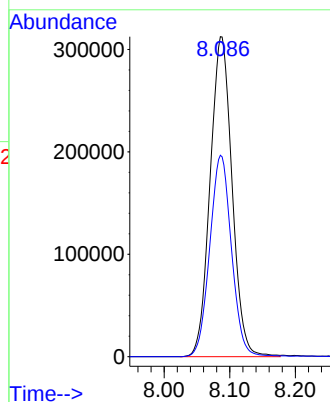
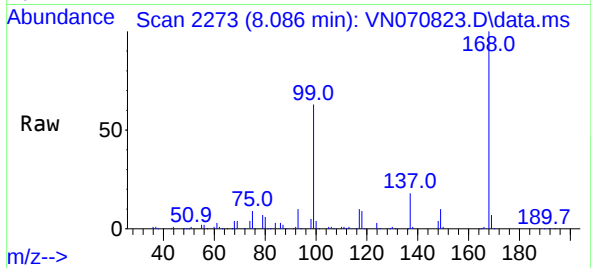




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

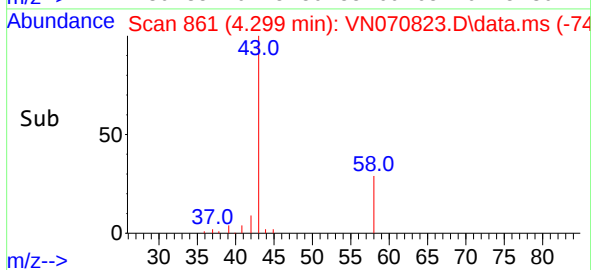
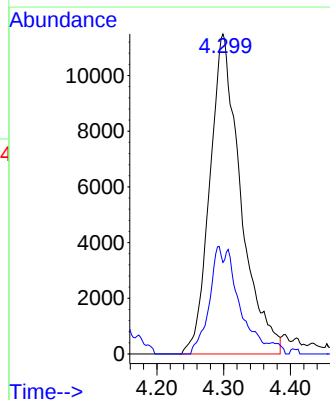
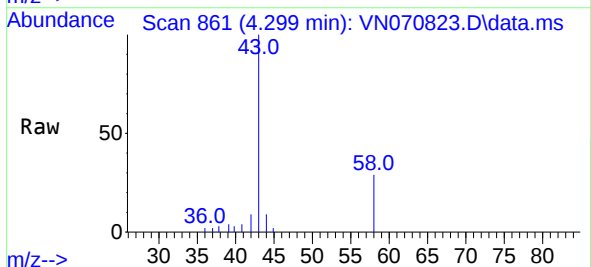
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

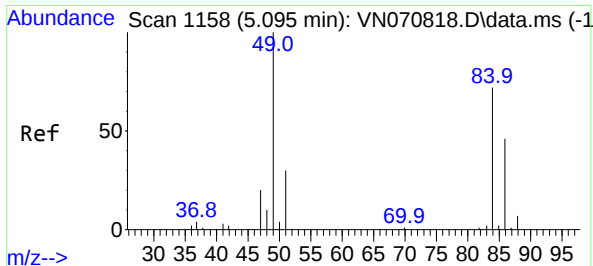
Tgt Ion:168 Resp: 724845
Ion Ratio Lower Upper
168 100
99 62.9 41.3 61.9#



#16
Acetone
Concen: 5.121 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 43 Resp: 36923
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7



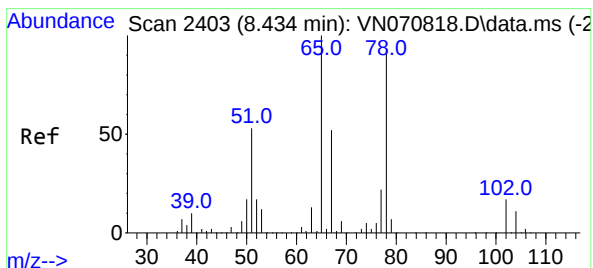
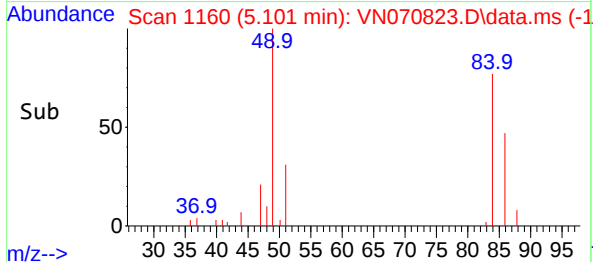
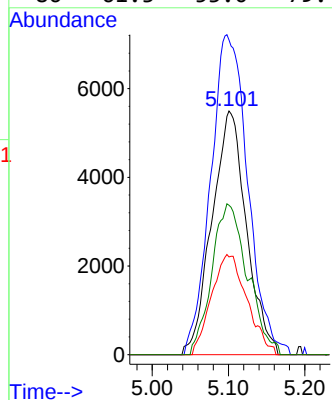
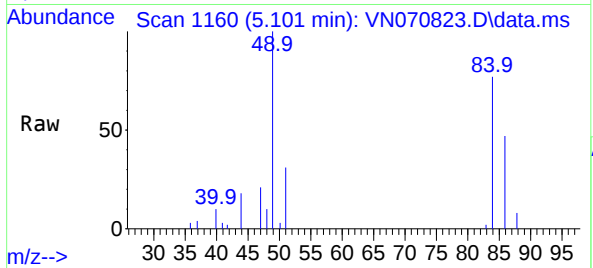


#20
Methylene Chloride
Concen: 1.818 ug/l
RT: 5.101 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

Tgt Ion: 84 Resp: 17269

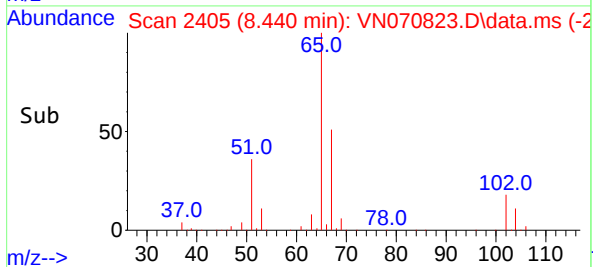
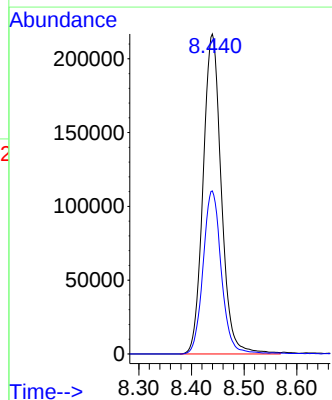
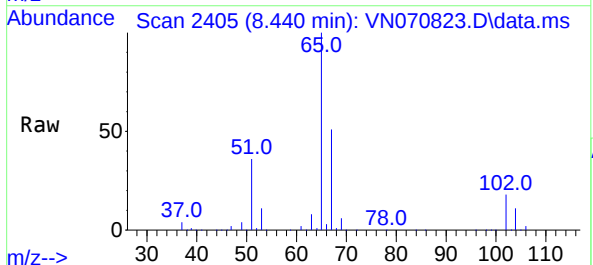
Ion	Ratio	Lower	Upper
84	100		
49	129.2	93.5	140.3
51	40.1	29.4	44.2
86	61.3	53.0	79.4

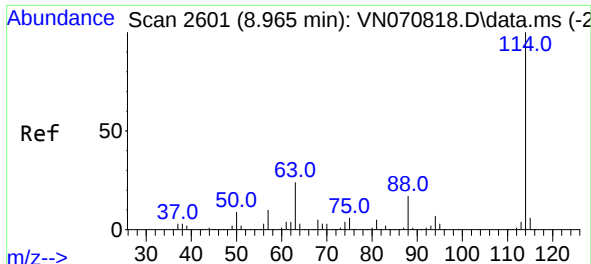


#33
1,2-Dichloroethane-d4
Concen: 50.175 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.006 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 65 Resp: 521223

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

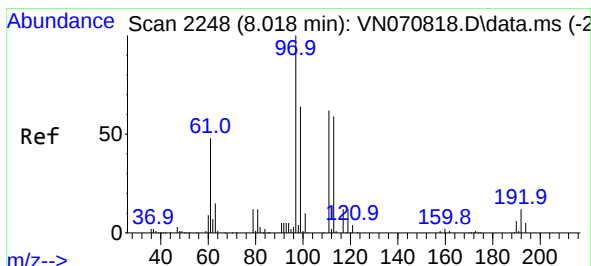
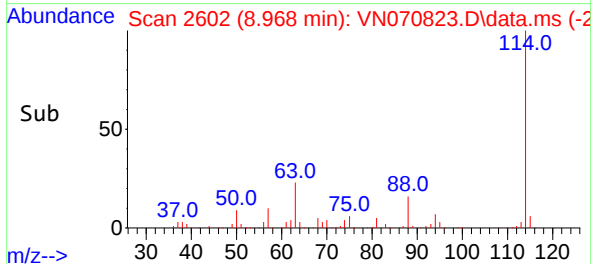
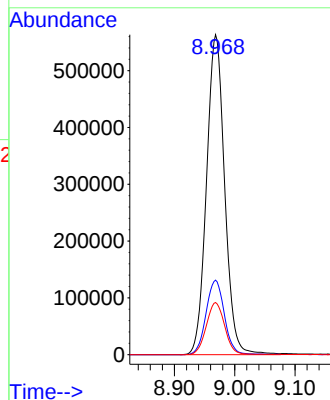
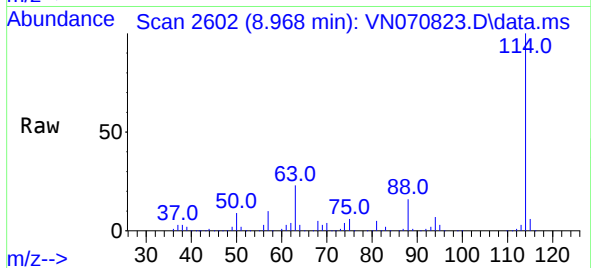




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

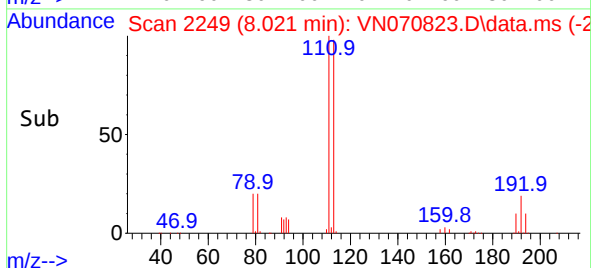
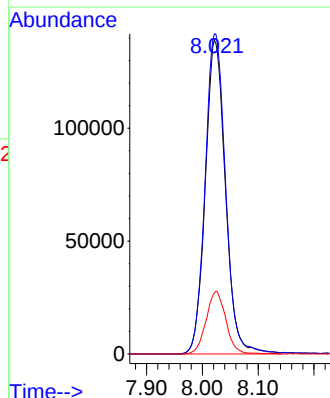
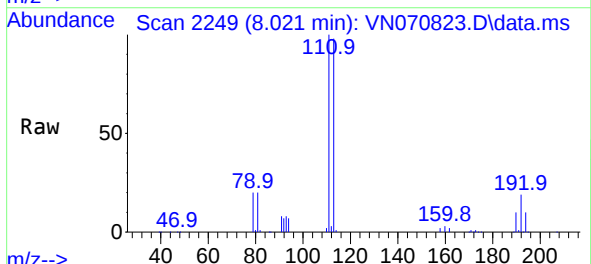
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

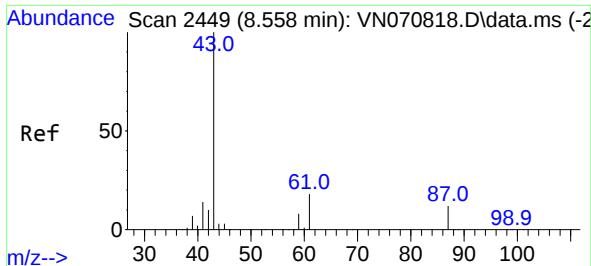
Tgt Ion:114 Resp: 1179908
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.711 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:113 Resp: 349198
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.4 16.9 25.3

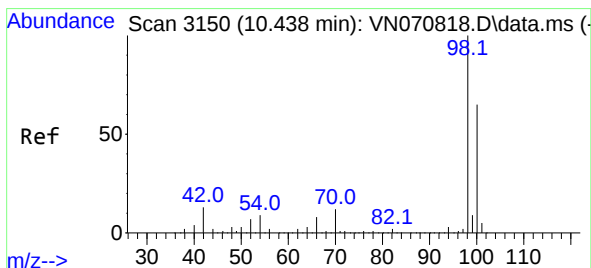
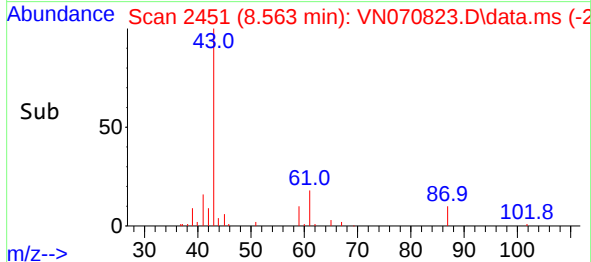
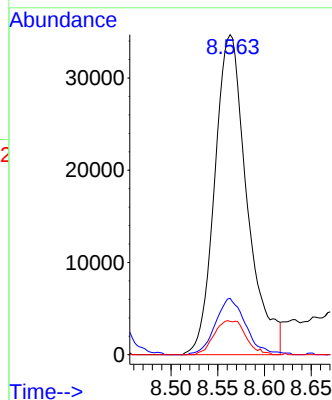
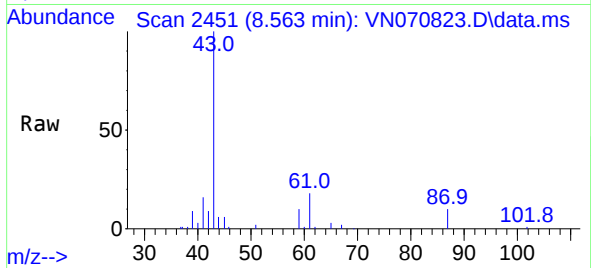




#43
Isopropyl Acetate
Concen: 3.342 ug/l
RT: 8.563 min Scan# 2449
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

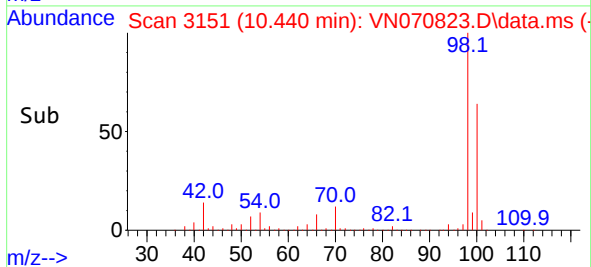
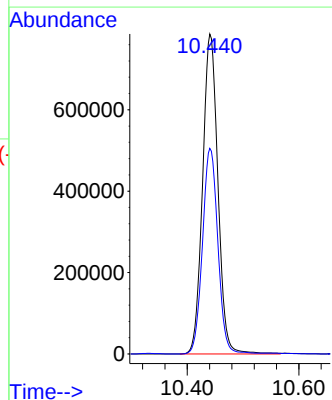
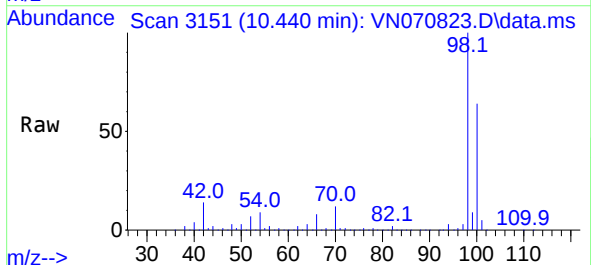
Instrument :
MSVOA_N
ClientSampleId :
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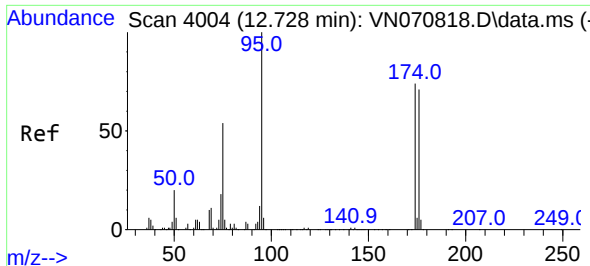
Tgt Ion: 43 Resp: 83498
Ion Ratio Lower Upper
43 100
61 16.6 20.4 30.6#
87 10.4 11.2 16.8#



#50
Toluene-d8
Concen: 48.693 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 98 Resp: 1501355
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

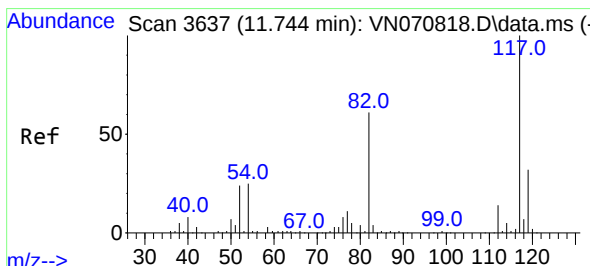
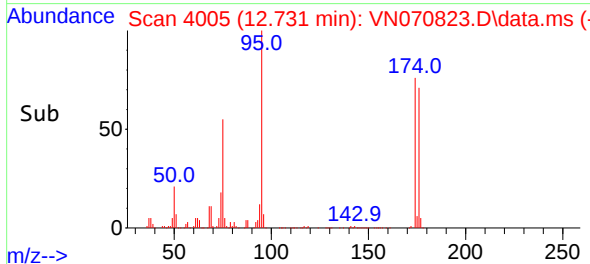
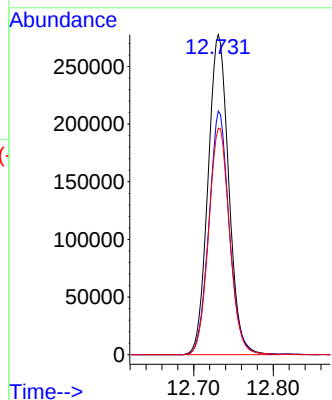
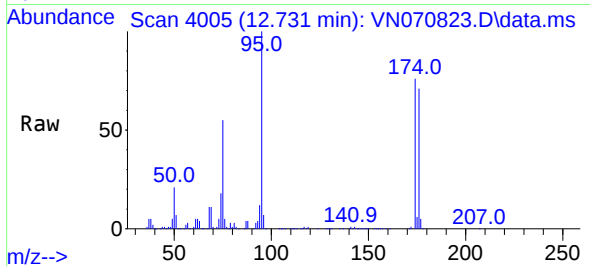




#62
4-Bromofluorobenzene
Concen: 45.650 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

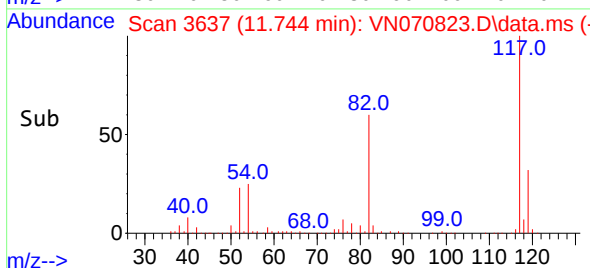
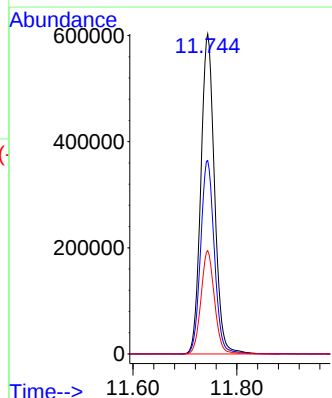
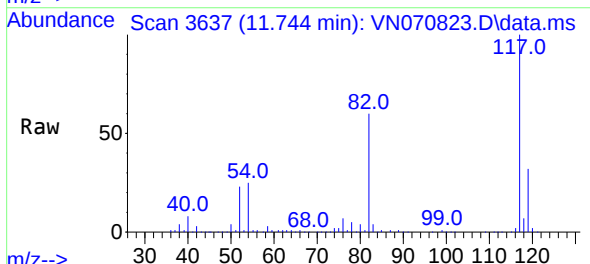
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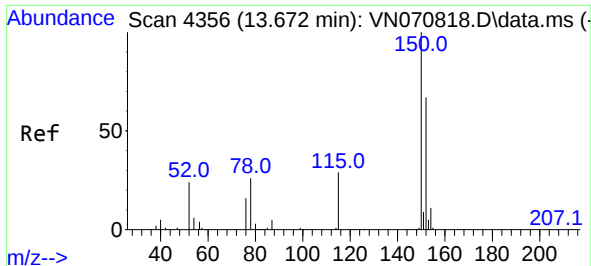
Tgt Ion: 95 Resp: 501565
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 117 Resp: 1102709
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.3 25.4 38.2

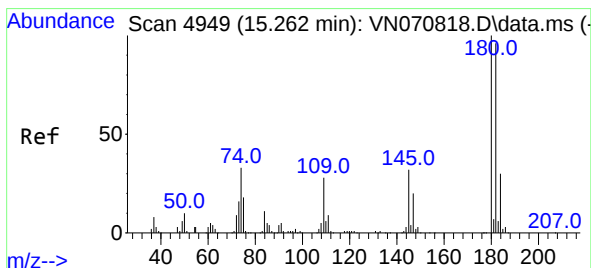
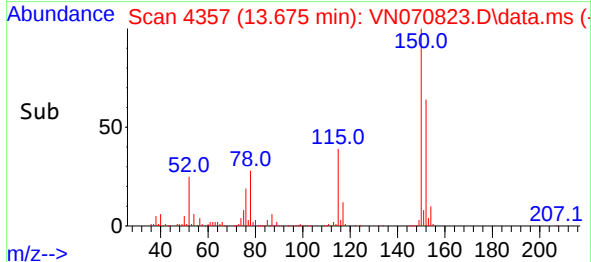
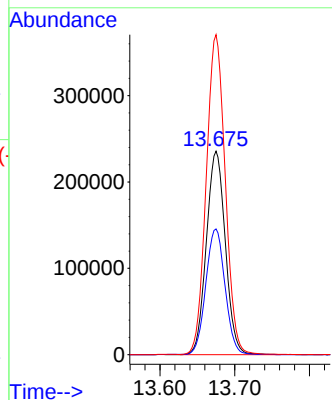
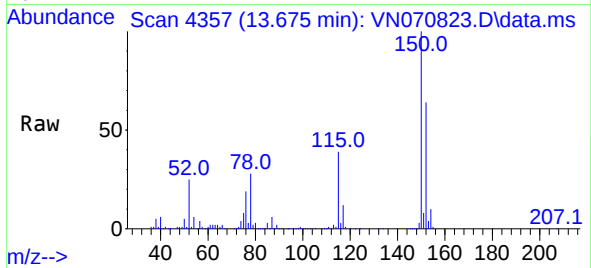




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4159
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

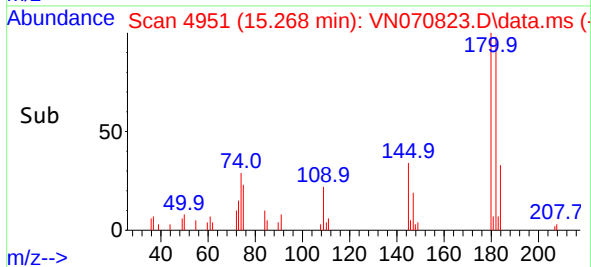
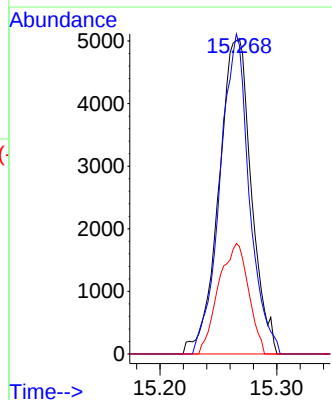
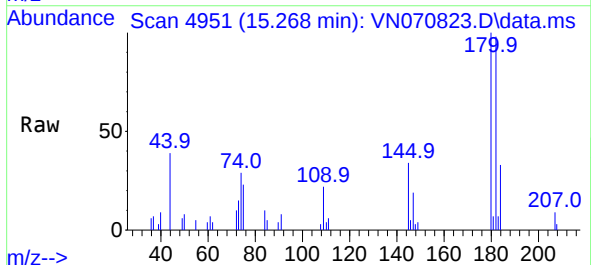
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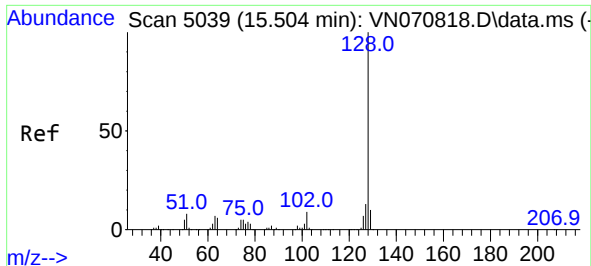
Tgt Ion:152 Resp: 415983
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 157.2 0.0 344.4



#93
1,2,4-Trichlorobenzene
Concen: 4.601 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:180 Resp: 9704
Ion Ratio Lower Upper
180 100
182 91.8 48.3 144.9
145 32.3 14.5 43.5

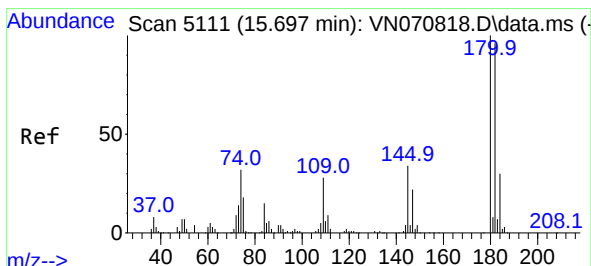
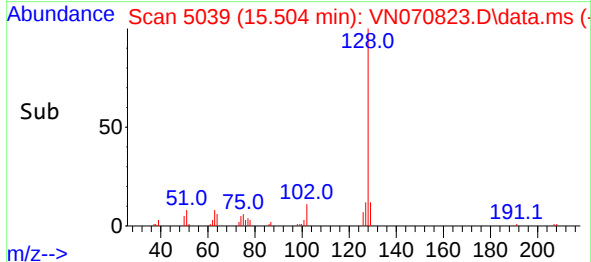
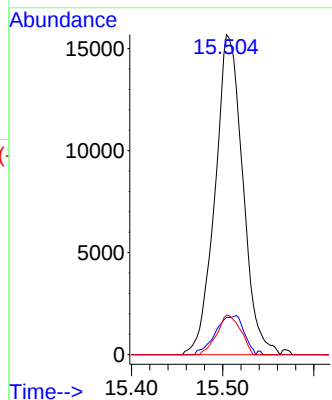
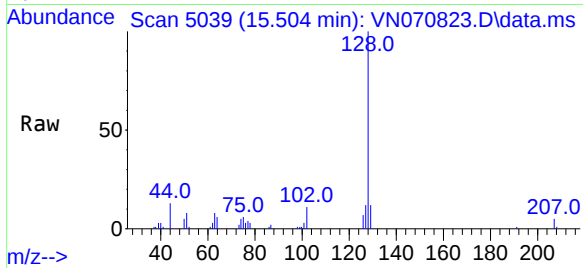




#95
Naphthalene
Concen: 6.335 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

Tgt Ion:	128	Resp:	33195
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	10.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.505 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:	180	Resp:	10121
Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.4	142.2
145	19.6	15.0	45.1

