

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN070999.D
 Acq On : 18 Feb 2022 12:03
 Operator : JC\MD
 Sample : VN0218WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBL01

Quant Time: Feb 19 00:38:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

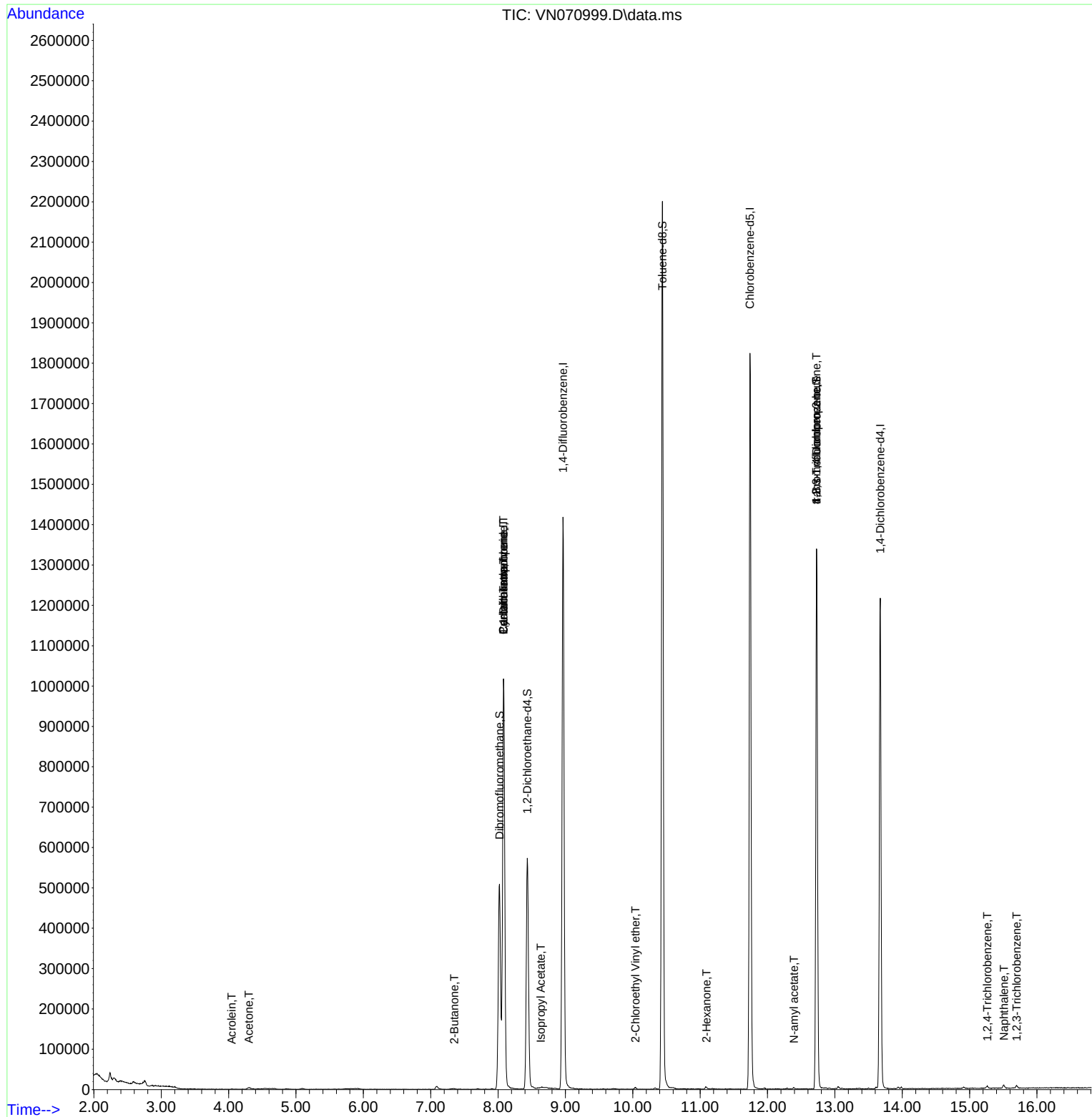
Internal Standards						
1) Pentafluorobenzene	8.081	168	797201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1263457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1089907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	355177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	472743	51.912	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.820%	
35) Dibromofluoromethane	8.022	113	377678	50.256	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.520%	
50) Toluene-d8	10.439	98	1511441	50.081	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.727	95	471777	43.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.460%	
Target Compounds						
					Qvalue	
13) Acrolein	4.045	56	756	0.510	ug/l #	78
16) Acetone	4.298	43	4073	0.812	ug/l #	84
18) Methyl Acetate	4.863	43	3420	Below Cal	#	59
25) 2-Butanone	7.351	43	2911	0.436	ug/l #	72
31) Cyclohexane	8.081	56	16387	1.040	ug/l #	5
36) 1,1-Dichloropropene	8.081	75	59400	4.824	ug/l #	49
38) Carbon Tetrachloride	8.081	117	75435	6.218	ug/l #	16
43) Isopropyl Acetate	8.633	43	4510	0.217	ug/l #	55
58) 2-Chloroethyl Vinyl ether	10.039	63	2030	32.391	ug/l #	89
59) 2-Hexanone	11.092	43	4352	0.500	ug/l	95
74) N-amyl acetate	12.392	43	2390	0.262	ug/l #	89
76) 1,2,3-Trichloropropane	12.727	75	236223	28.247	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	236223	91.534	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	2328	2.341	ug/l	96
95) Naphthalene	15.509	128	8214	5.455	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	2413	2.896	ug/l	89

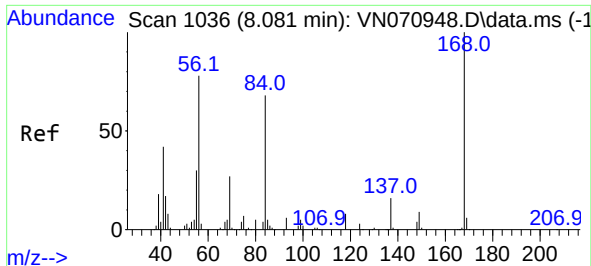
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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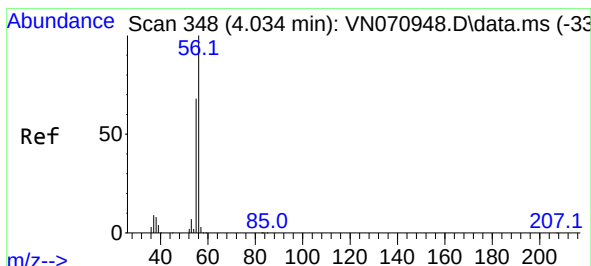
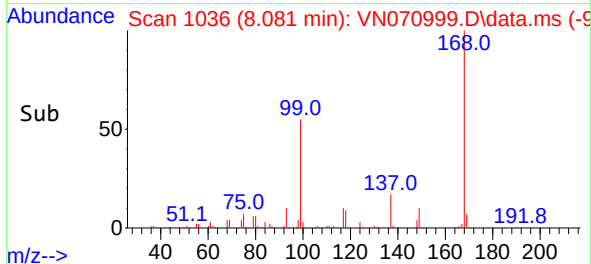
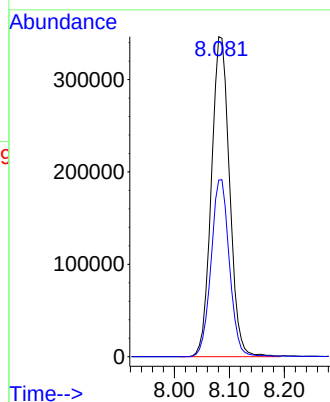
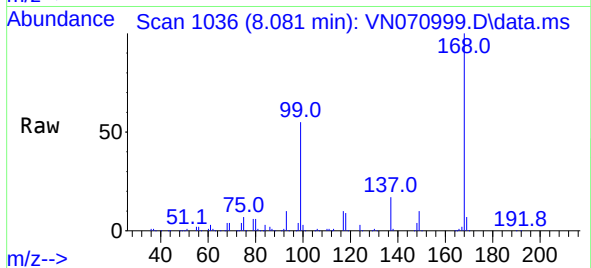




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

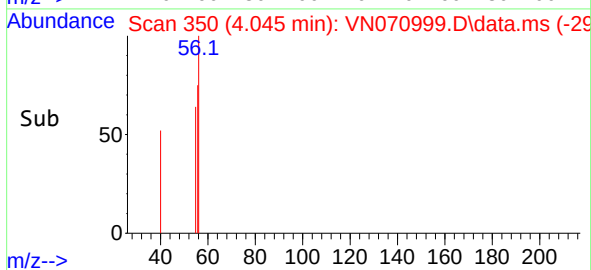
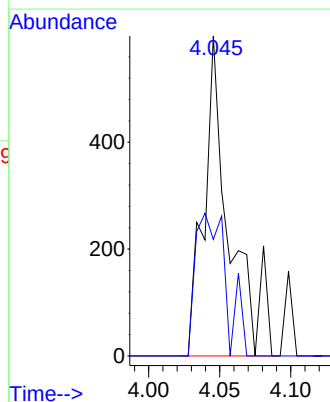
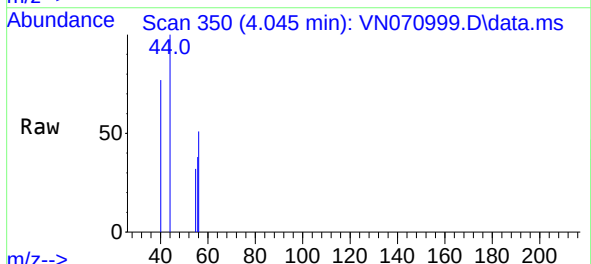
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

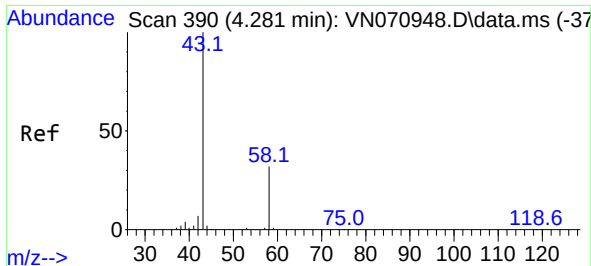
Tgt Ion:168 Resp: 797201
Ion Ratio Lower Upper
168 100
99 55.2 41.3 61.9



#13
Acrolein
Concen: 0.510 ug/l
RT: 4.045 min Scan# 350
Delta R.T. 0.011 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 56 Resp: 756
Ion Ratio Lower Upper
56 100
55 53.0 56.6 85.0#

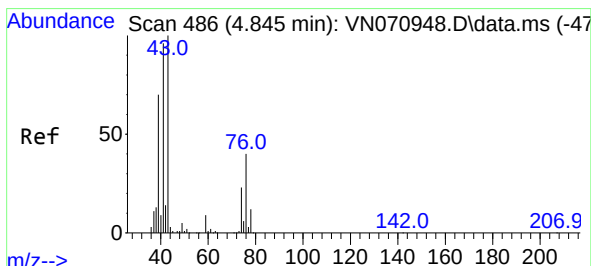
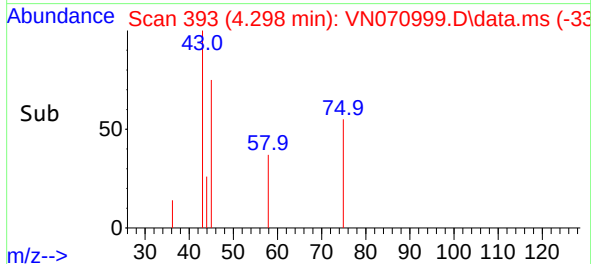
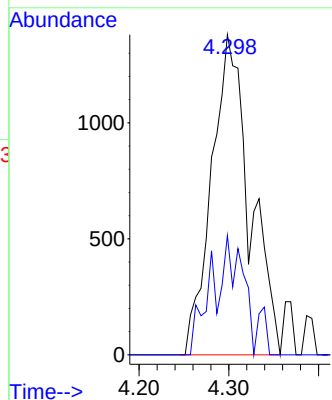
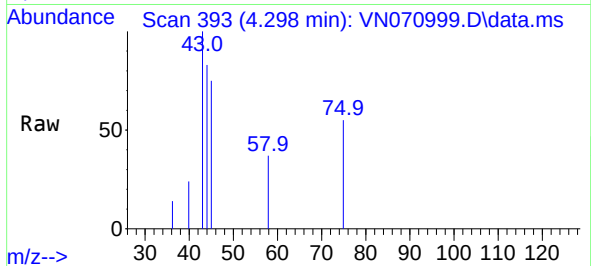




#16
Acetone
Concen: 0.812 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

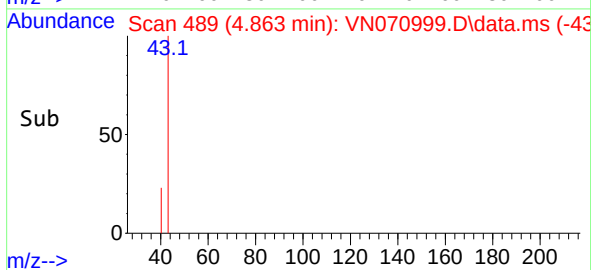
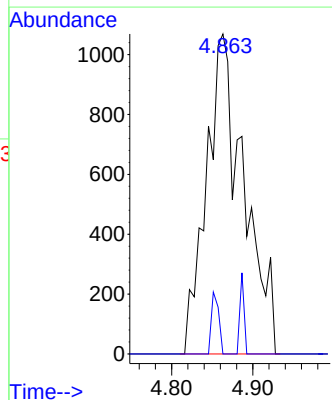
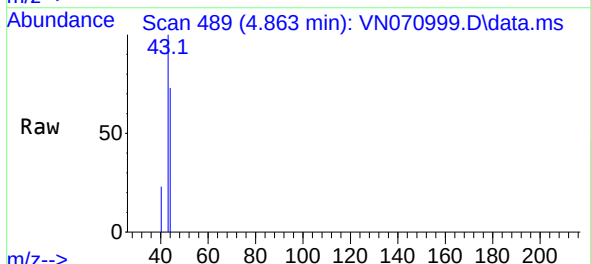
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

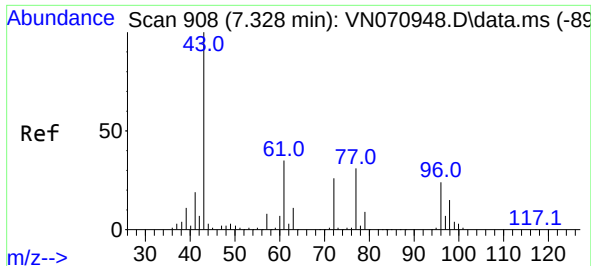
Tgt Ion: 43 Resp: 4073
Ion Ratio Lower Upper
43 100
58 37.2 23.1 34.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 43 Resp: 3420
Ion Ratio Lower Upper
43 100
74 3.7 19.4 29.2#

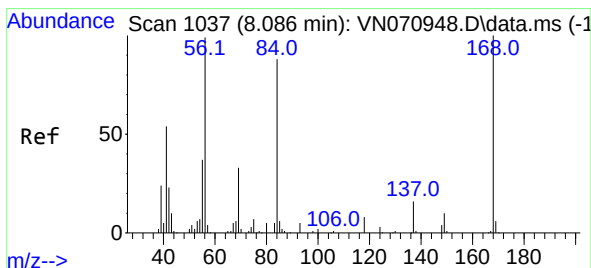
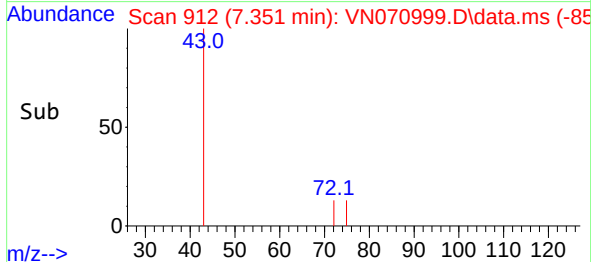
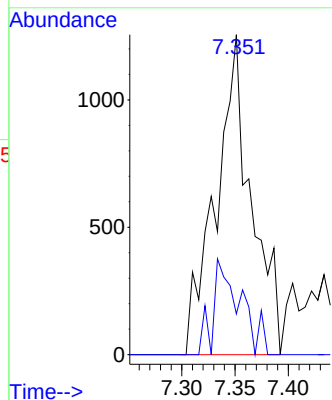
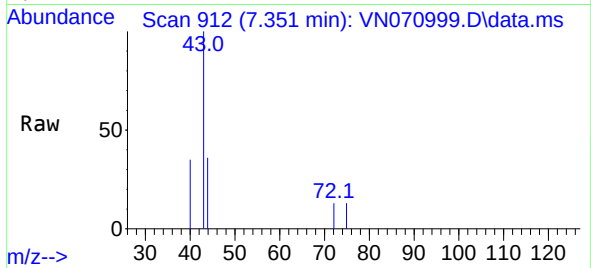




#25
2-Butanone
Concen: 0.436 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

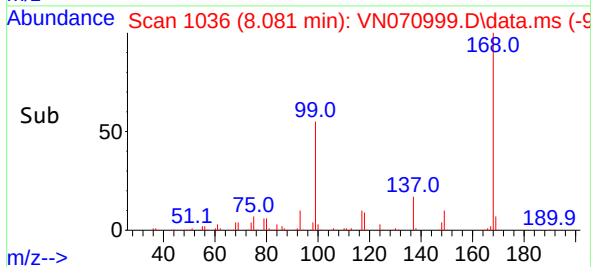
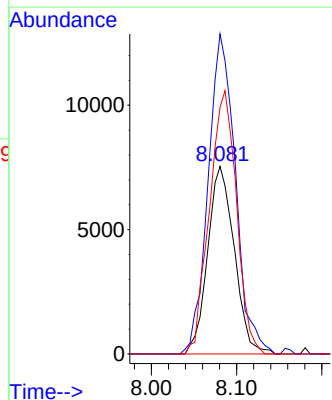
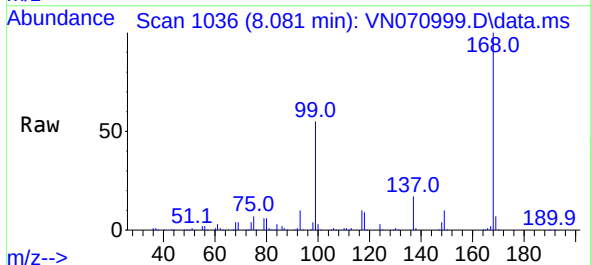
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

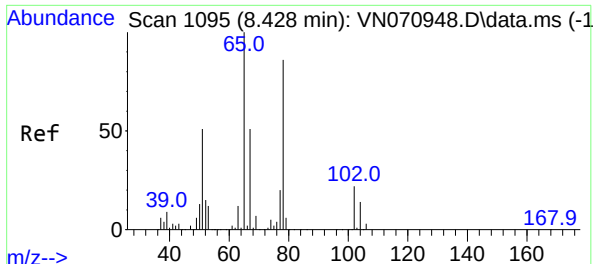
Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
72 12.7 21.7 32.5#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 56 Resp: 16387
Ion Ratio Lower Upper
56 100
69 170.6 27.1 40.7#
84 131.5 73.4 110.0#

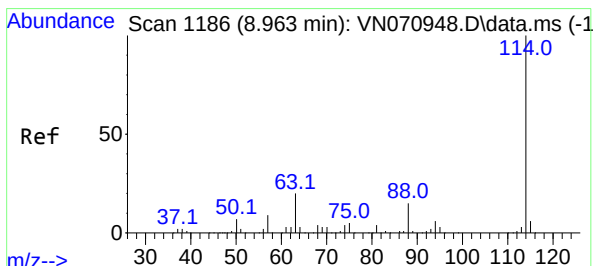
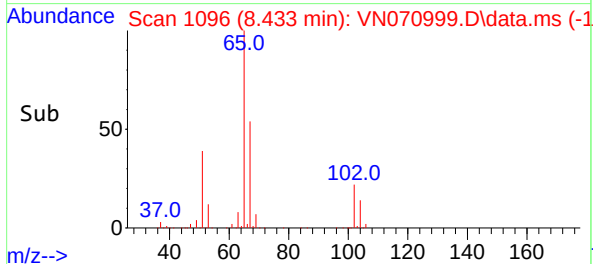
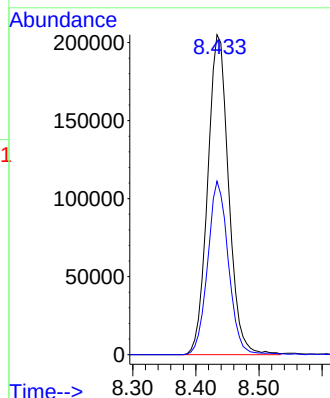
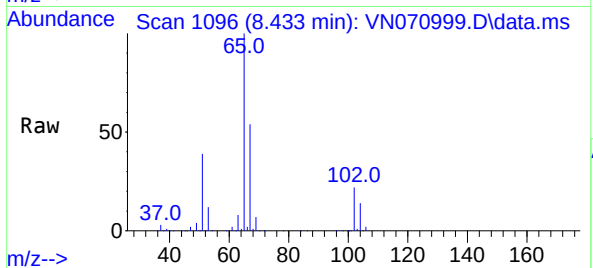




#33
1,2-Dichloroethane-d4
Concen: 51.912 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

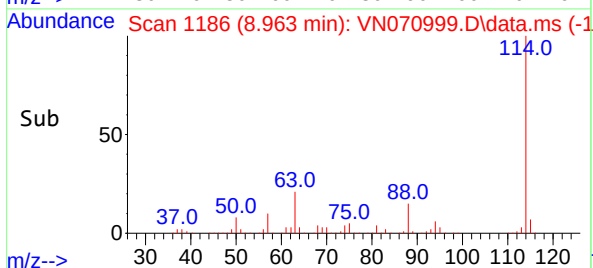
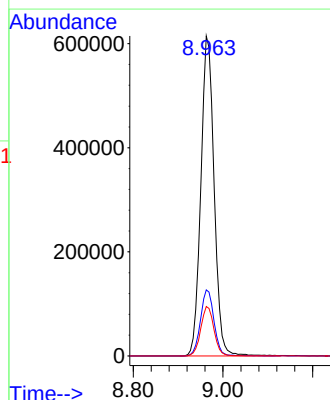
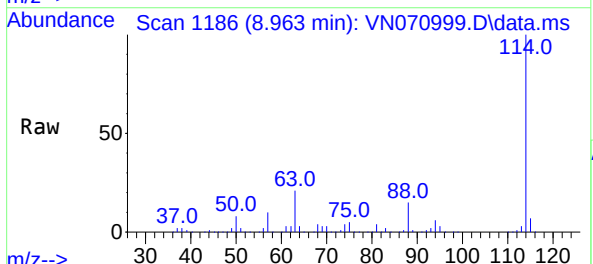
Instrument :
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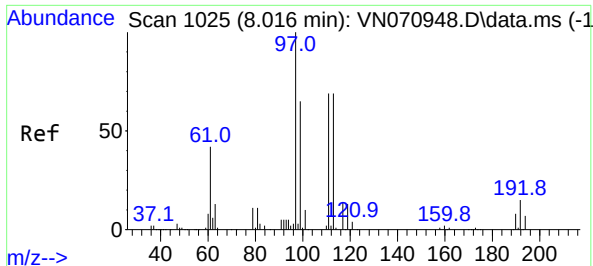
Tgt Ion: 65 Resp: 472743
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 114 Resp: 1263457
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.8
88 15.4 0.0 27.4

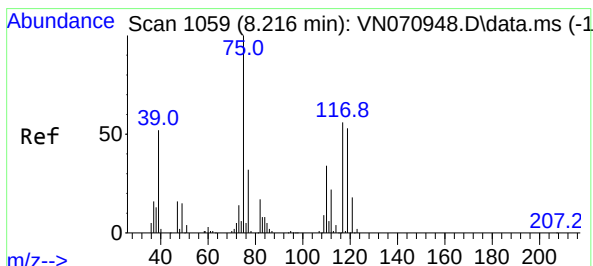
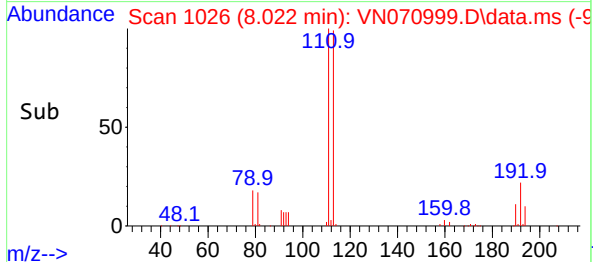
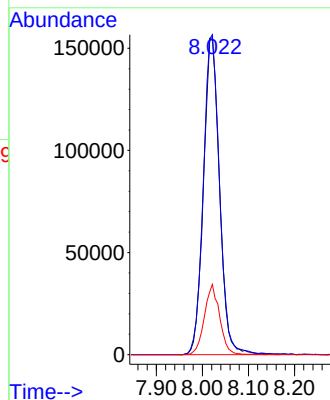
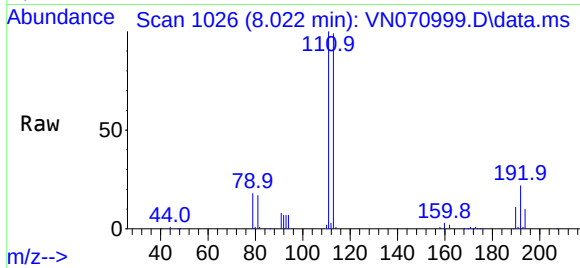




#35
Dibromofluoromethane
Concen: 50.256 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

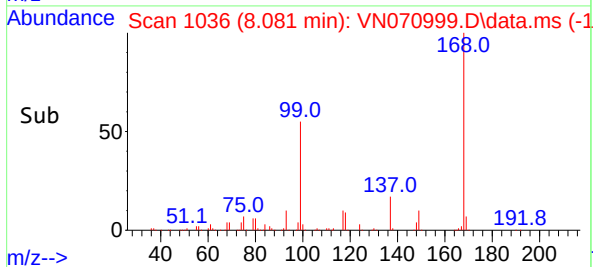
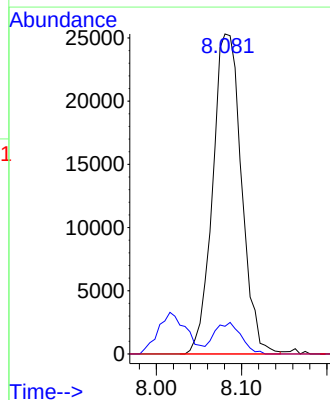
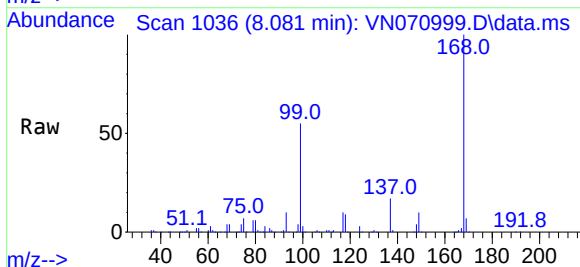
Instrument :
MSVOA_N
ClientSampleId :
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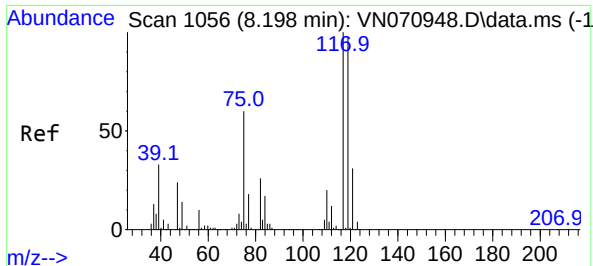
Tgt Ion:113 Resp: 377678
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

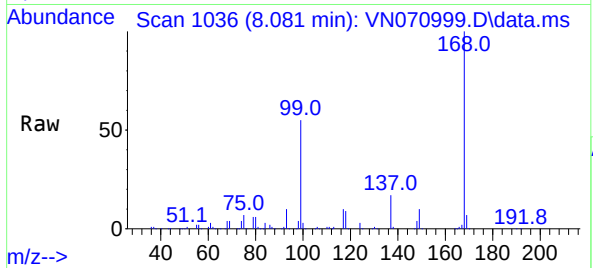
Tgt Ion: 75 Resp: 59400
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



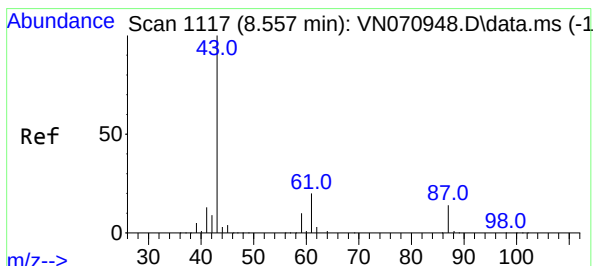
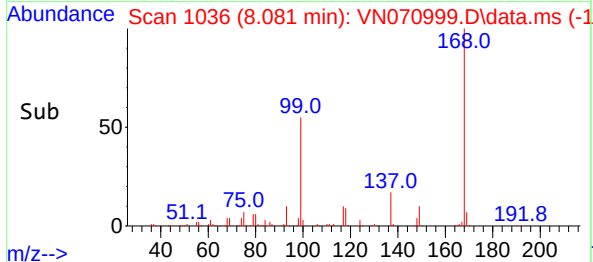
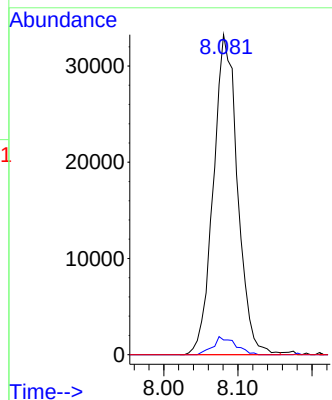


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

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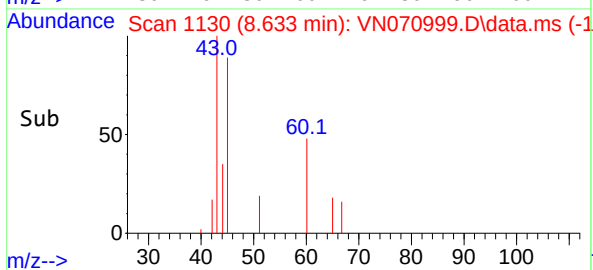
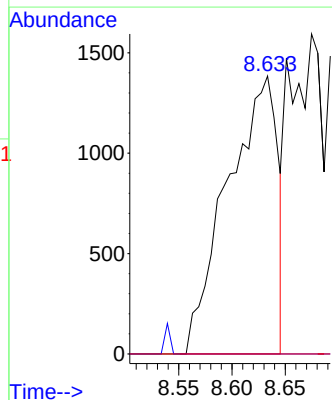
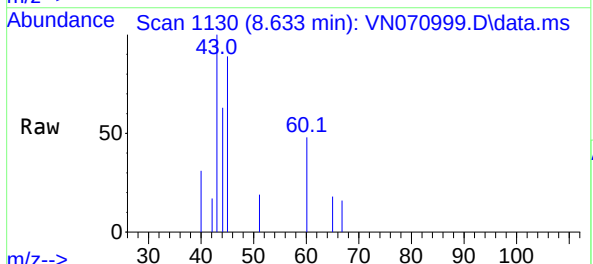


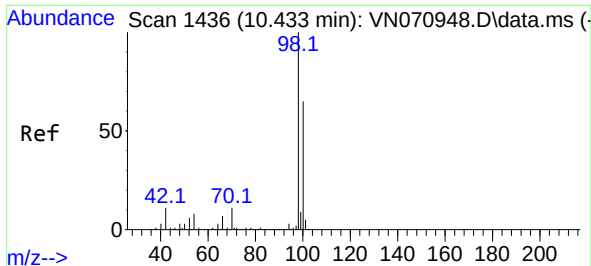
Tgt Ion:117 Resp: 75435
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.217 ug/l
RT: 8.633 min Scan# 1130
Delta R.T. 0.076 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 43 Resp: 4510
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

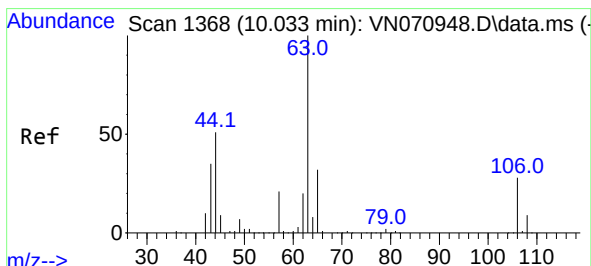
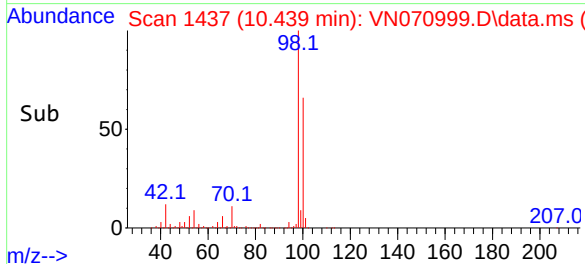
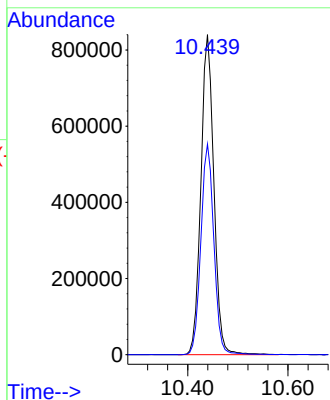
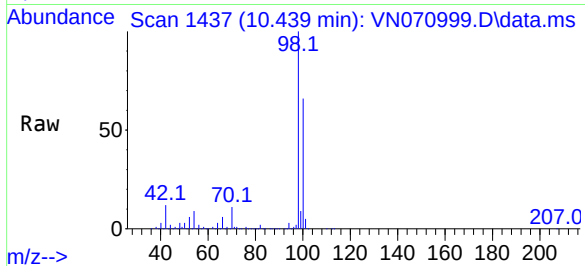




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

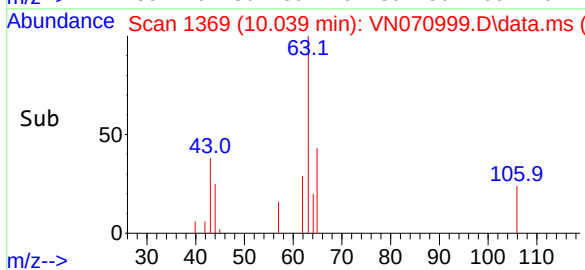
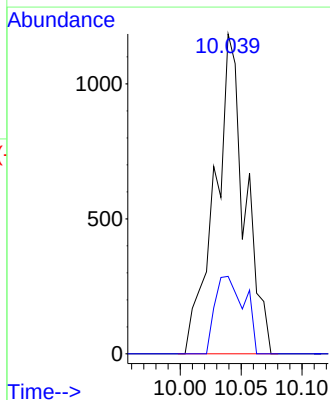
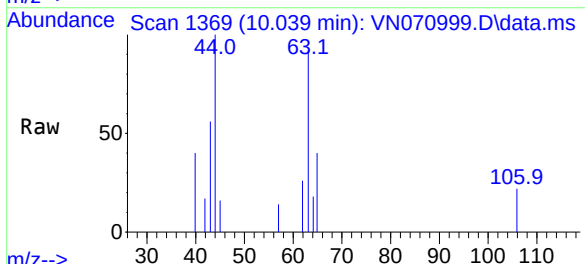
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

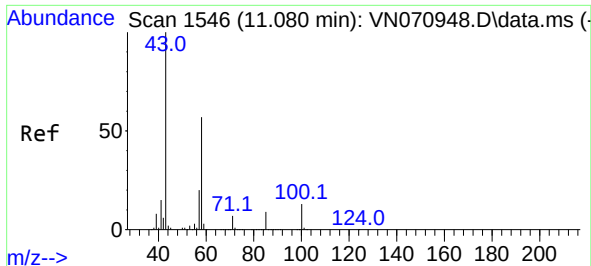
Tgt Ion: 98 Resp: 1511441
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 32.391 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 63 Resp: 2030
Ion Ratio Lower Upper
63 100
106 23.8 23.9 35.9#

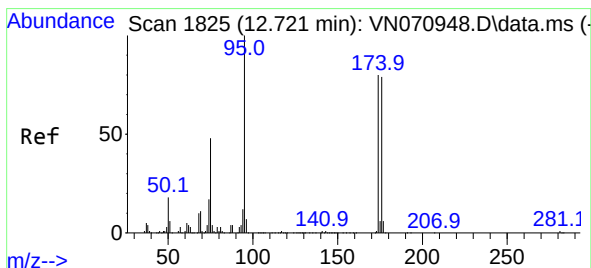
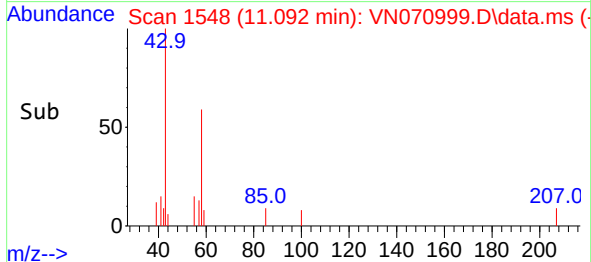
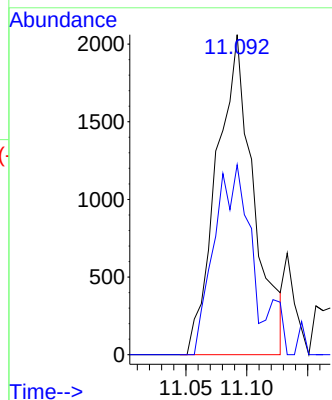
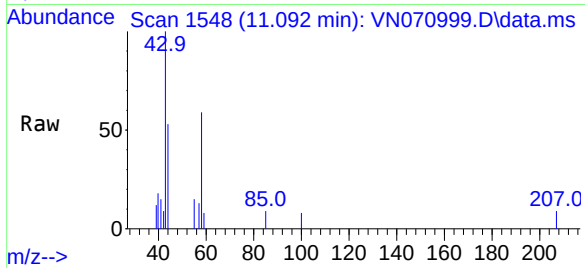




#59
2-Hexanone
Concen: 0.500 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

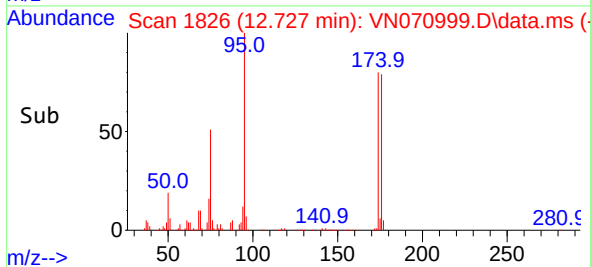
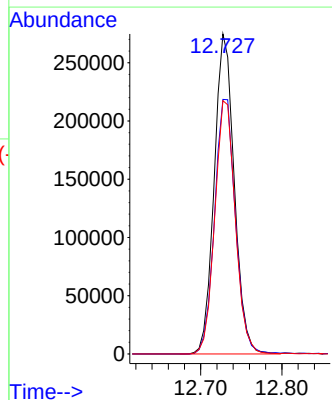
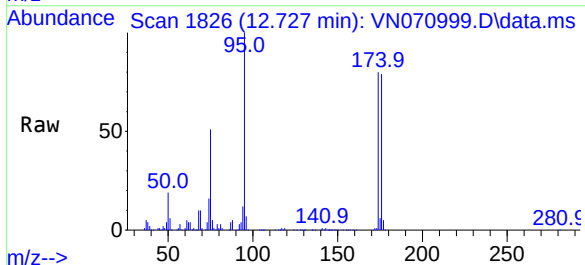
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

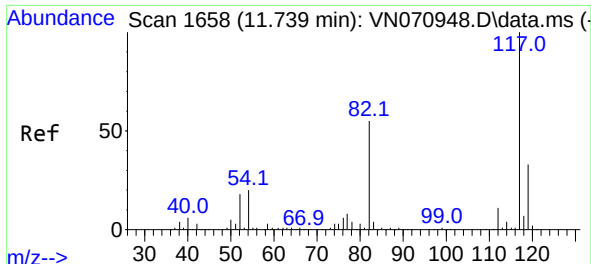
Tgt Ion: 43 Resp: 4352
Ion Ratio Lower Upper
43 100
58 57.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 43.733 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 95 Resp: 471777
Ion Ratio Lower Upper
95 100
174 82.9 0.0 187.2
176 80.8 0.0 181.4

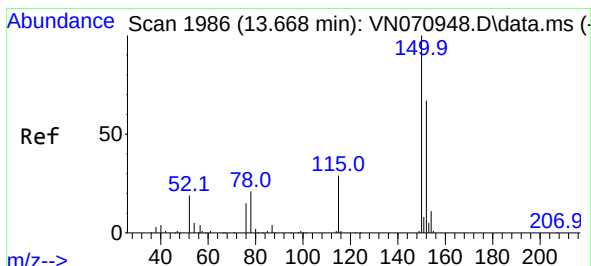
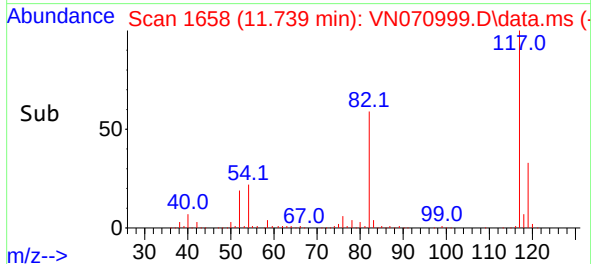
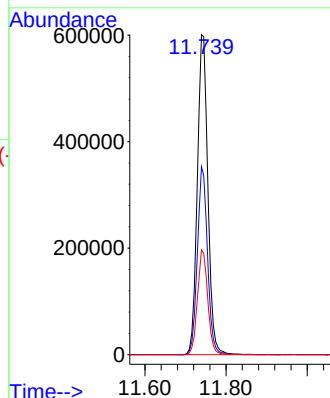
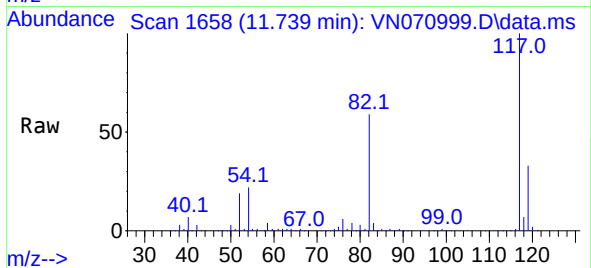




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

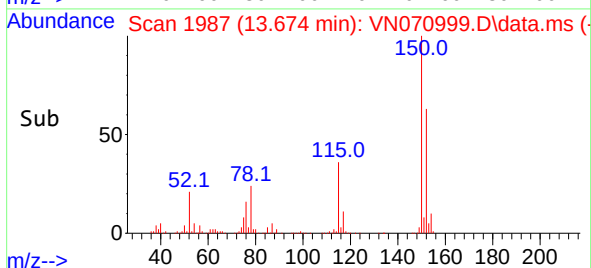
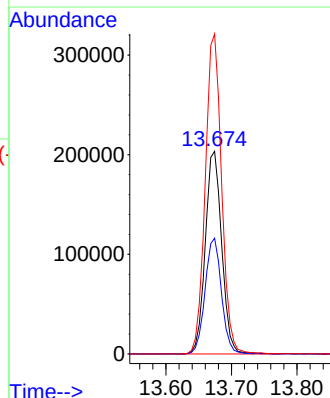
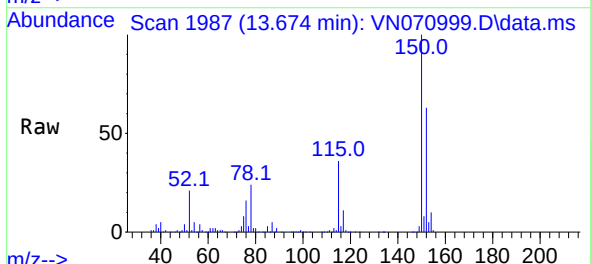
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

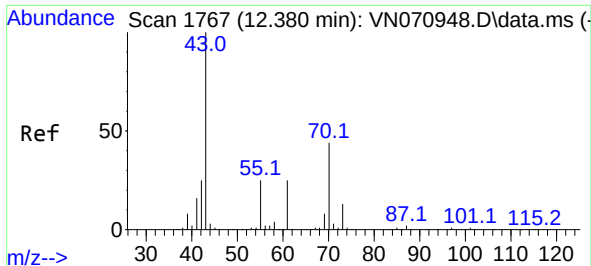
Tgt Ion:117 Resp: 1089907
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion:152 Resp: 355177
Ion Ratio Lower Upper
152 100
115 57.0 27.5 82.5
150 157.0 0.0 344.4

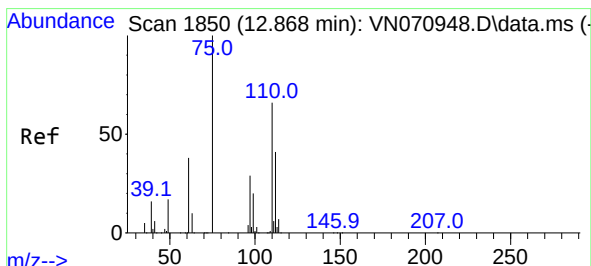
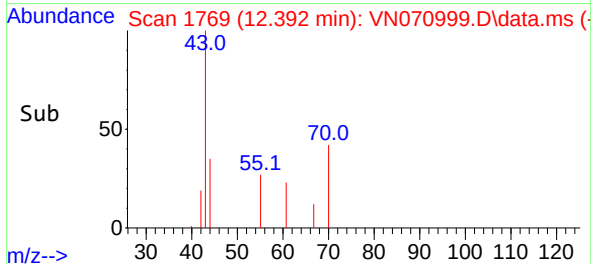
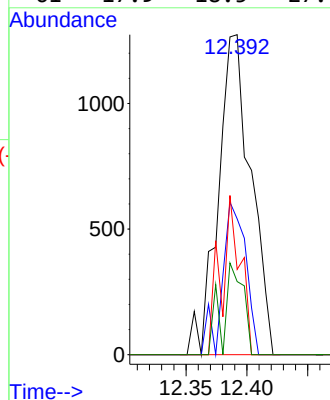
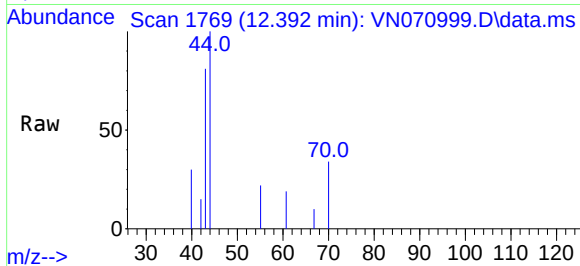




#74
N-amy1 acetate
Concen: 0.262 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

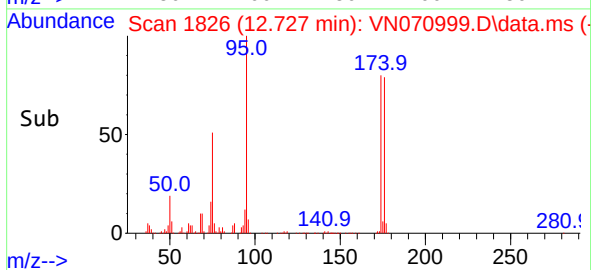
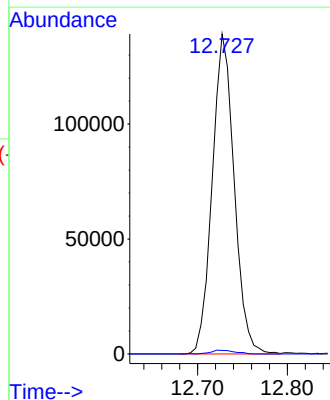
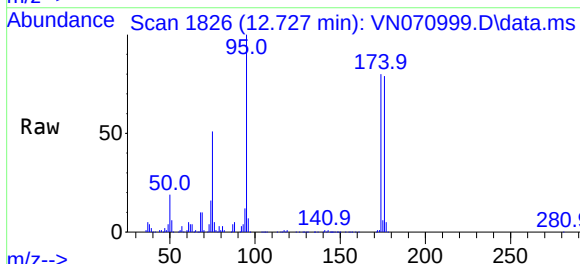
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

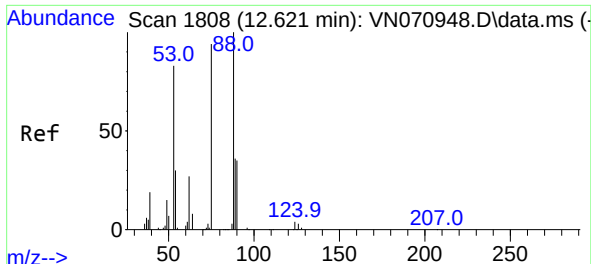
Tgt Ion: 43	Resp: 2390
Ion Ratio	Lower Upper
43 100	
70 34.2	33.4 50.0
55 29.0	19.3 28.9#
61 17.9	18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 28.247 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion: 75	Resp: 236223
Ion Ratio	Lower Upper
75 100	
77 1.3	82.6 247.8#

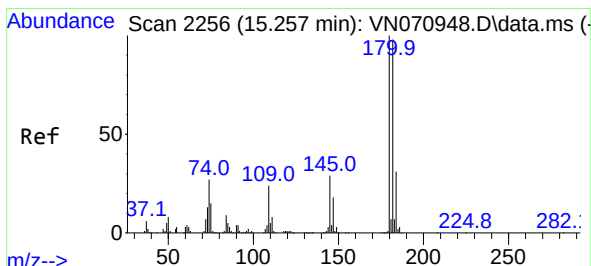
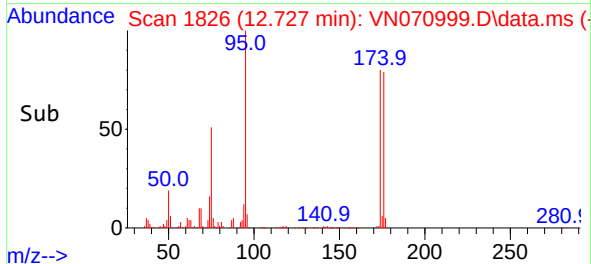
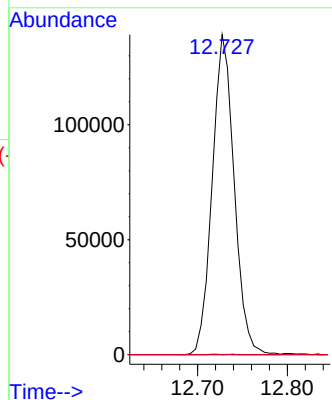
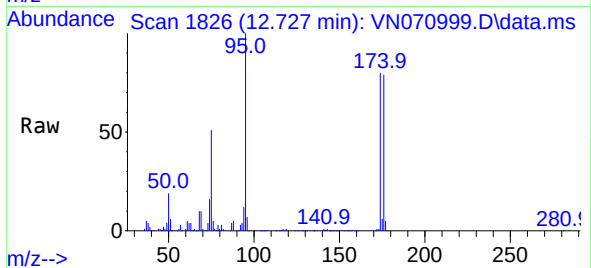




#81
trans-1,4-Dichloro-2-butene
Concen: 91.534 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

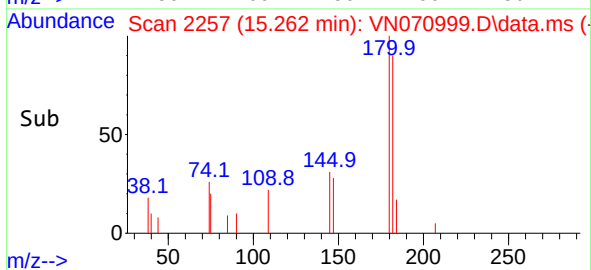
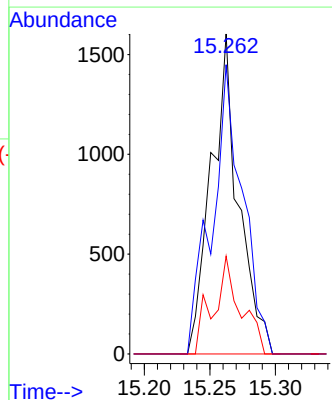
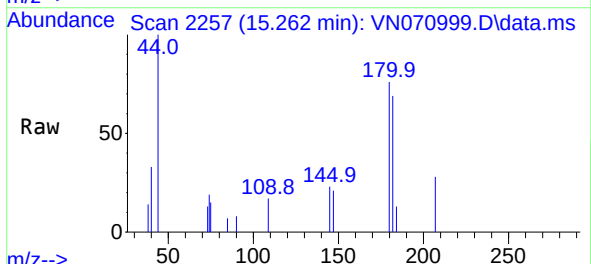
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

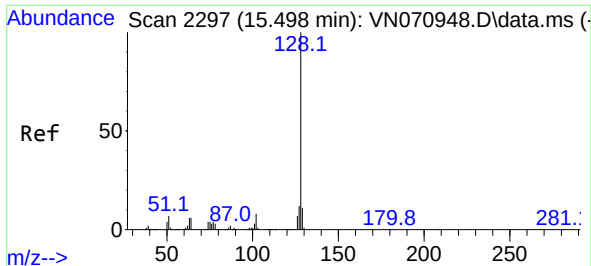
Tgt Ion: 75 Resp: 236223
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.341 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion:180 Resp: 2328
Ion Ratio Lower Upper
180 100
182 101.4 48.3 144.9
145 30.4 14.5 43.5

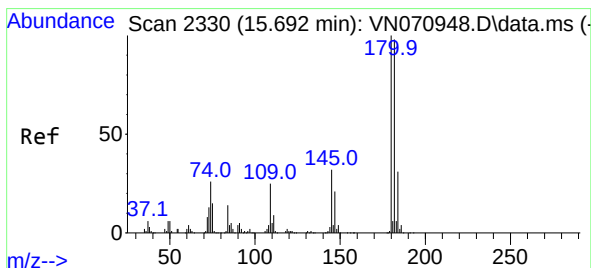
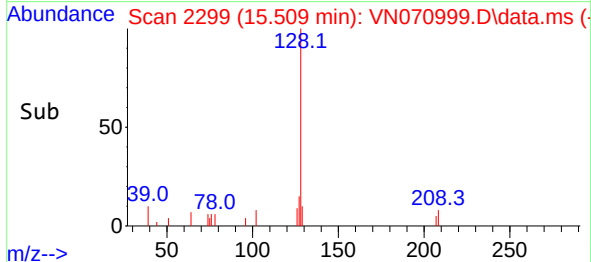
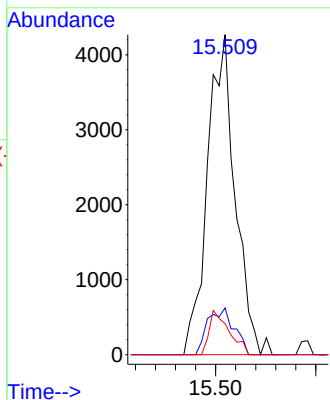
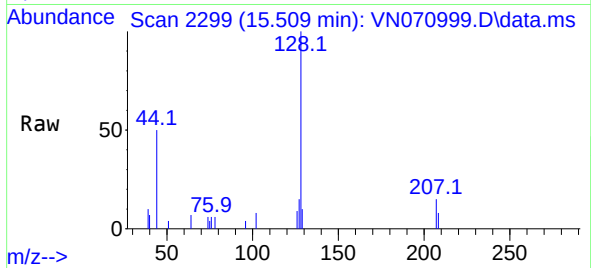




#95
Naphthalene
Concen: 5.455 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBL01

Tgt Ion:128	Resp:	8214
Ion	Ratio	Lower Upper
128	100	
127	13.9	10.5 15.7
129	9.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.896 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN070999.D
Acq: 18 Feb 2022 12:03

Tgt Ion:180	Resp:	2413
Ion	Ratio	Lower Upper
180	100	
182	105.6	47.4 142.2
145	36.0	15.0 45.1

