

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071125.D
 Acq On : 01 Mar 2022 17:48
 Operator : JC\MD
 Sample : N1689-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-41

Quant Time: Mar 02 03:31:59 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)

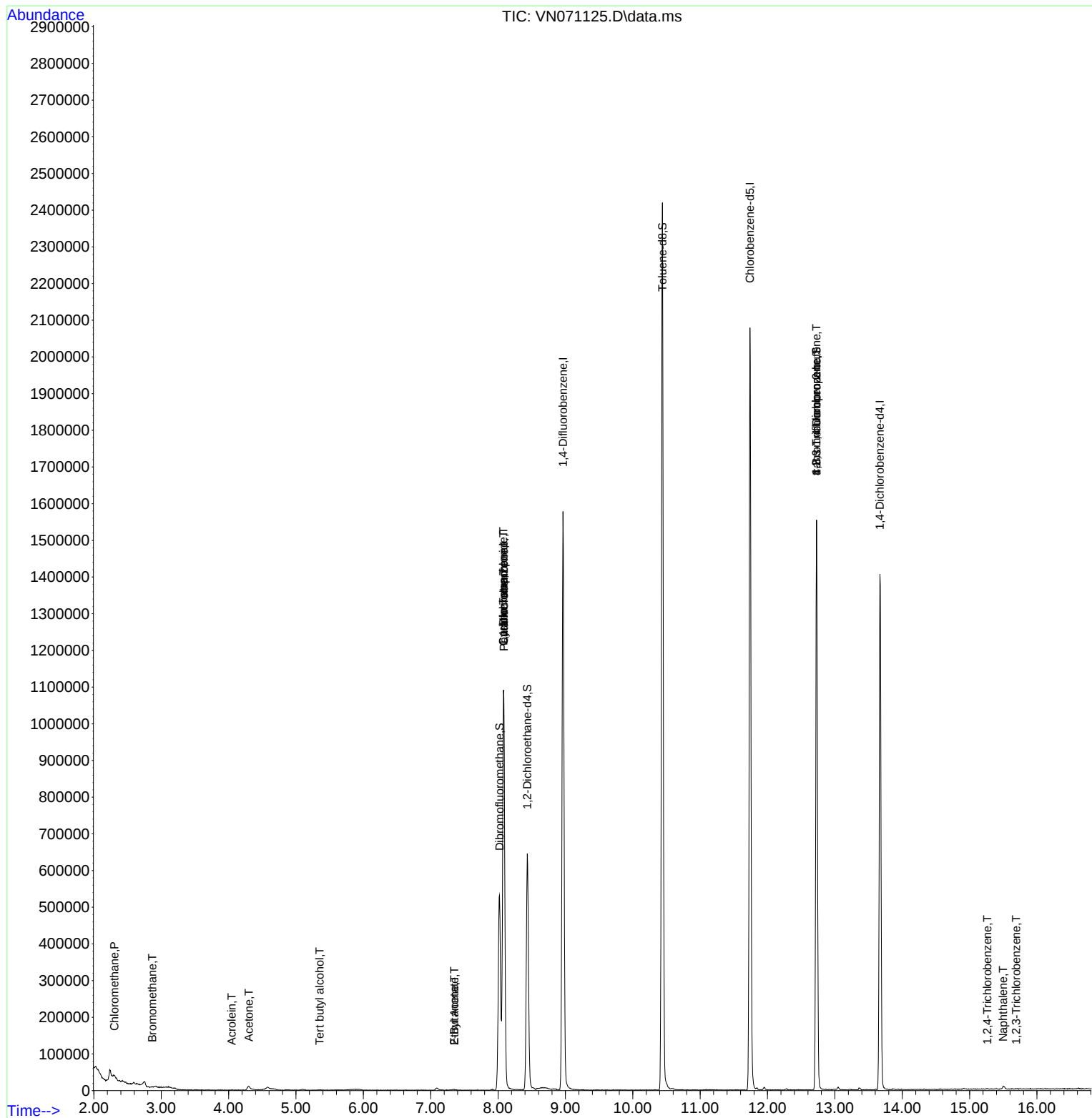
Internal Standards						
1) Pentafluorobenzene	8.087	168	858758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1374189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1221010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	407801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	523335	53.348	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.700%			
35) Dibromofluoromethane	8.022	113	400406	48.987	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.980%			
50) Toluene-d8	10.439	98	1669087	50.848	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.727	95	552119	47.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.120%			
Target Compounds					Qvalue	
3) Chloromethane	2.305	50	2964	0.264	ug/l #	71
5) Bromomethane	2.869	94	1493	0.234	ug/l #	68
11) Tert butyl alcohol	5.351	59	848	0.474	ug/l #	71
13) Acrolein	4.046	56	642	0.402	ug/l #	76
16) Acetone	4.299	43	16354	3.027	ug/l	94
18) Methyl Acetate	4.857	43	2492	Below Cal	#	69
25) 2-Butanone	7.351	43	3655	0.509	ug/l #	83
31) Cyclohexane	8.081	56	17529	1.033	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	63590	4.749	ug/l #	50
37) Ethyl Acetate	7.351	43	3655	0.254	ug/l #	68
38) Carbon Tetrachloride	8.081	117	83734	6.346	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	280145	29.176	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	280145	94.545	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	490	2.062	ug/l #	68
95) Naphthalene	15.498	128	9139	5.441	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	496	2.584	ug/l #	55

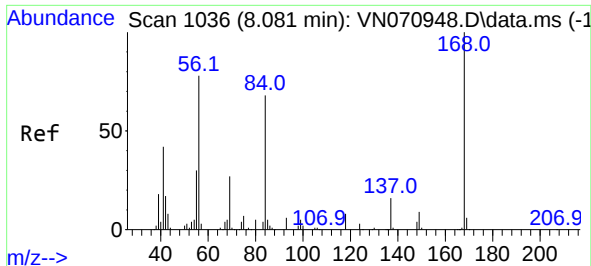
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
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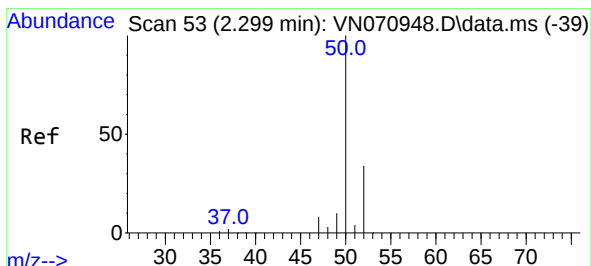
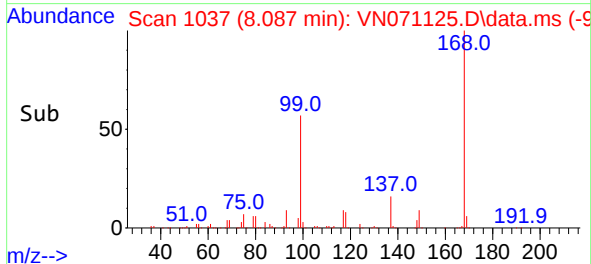
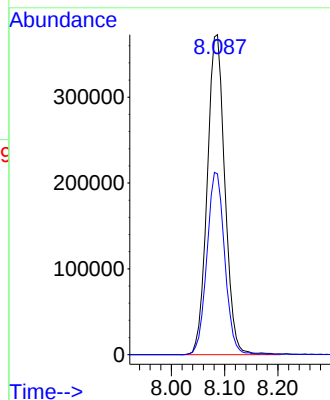
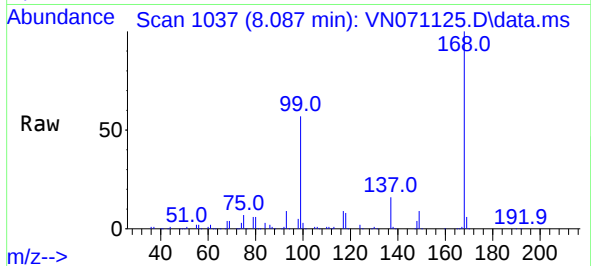




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

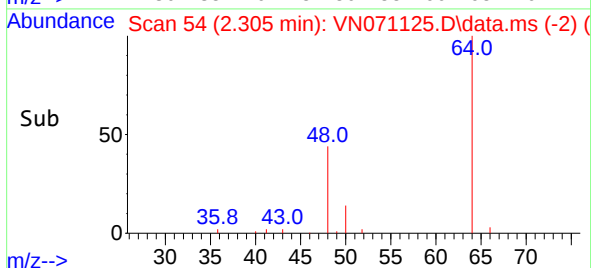
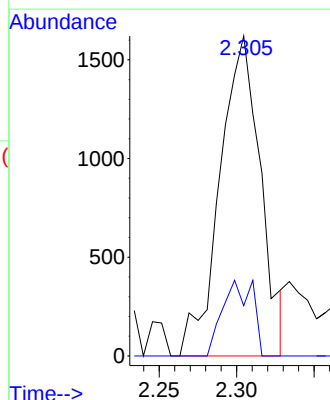
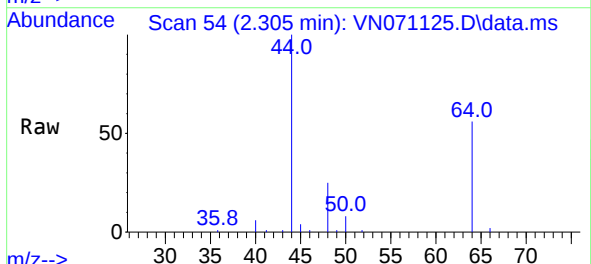
Instrument :
MSVOA_N
ClientSampleId :
MW-41

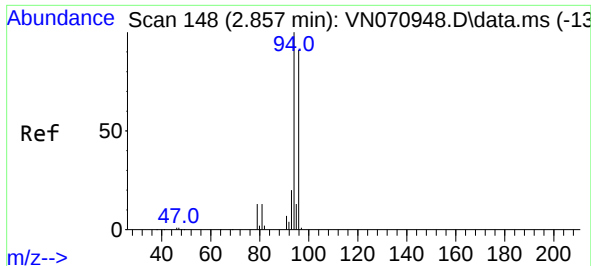
Tgt Ion:168 Resp: 858758
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#3
Chloromethane
Concen: 0.264 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 50 Resp: 2964
Ion Ratio Lower Upper
50 100
52 15.7 25.4 38.0#

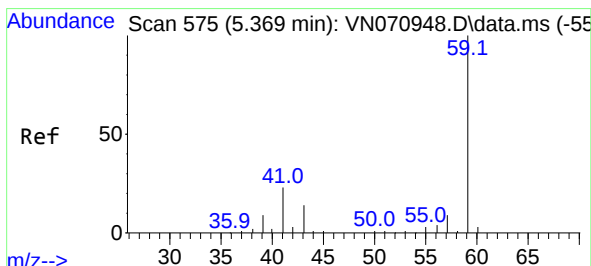
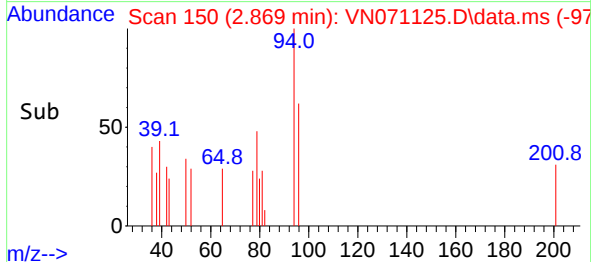
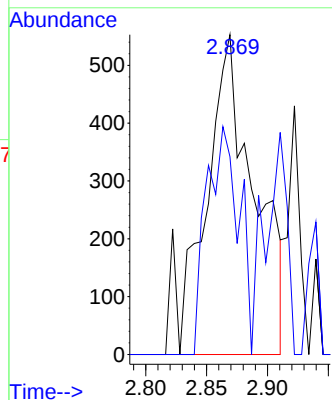
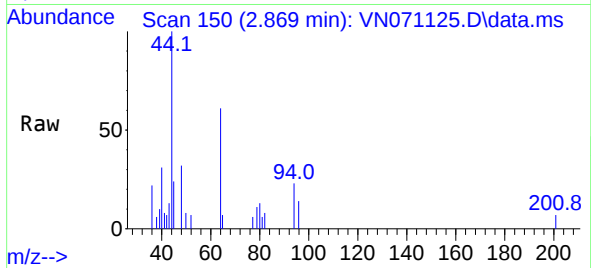




#5
Bromomethane
Concen: 0.234 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

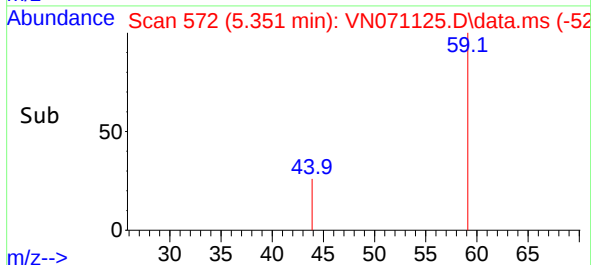
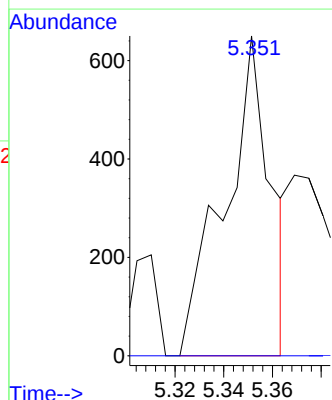
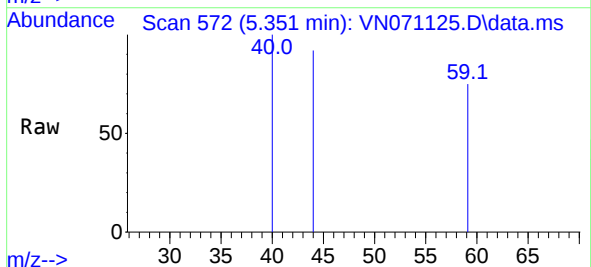
Instrument :
MSVOA_N
ClientSampleId :
MW-41

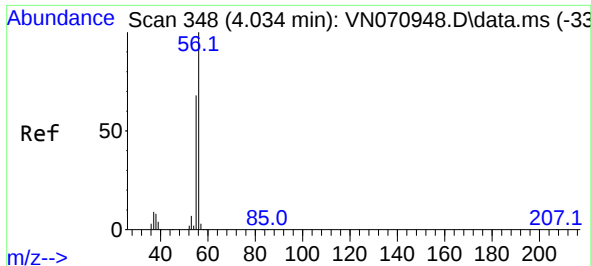
Tgt Ion: 94 Resp: 1493
Ion Ratio Lower Upper
94 100
96 61.8 73.8 110.8#



#11
Tert butyl alcohol
Concen: 0.474 ug/l
RT: 5.351 min Scan# 572
Delta R.T. -0.018 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 59 Resp: 848
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

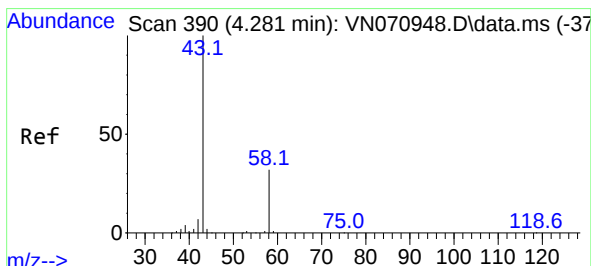
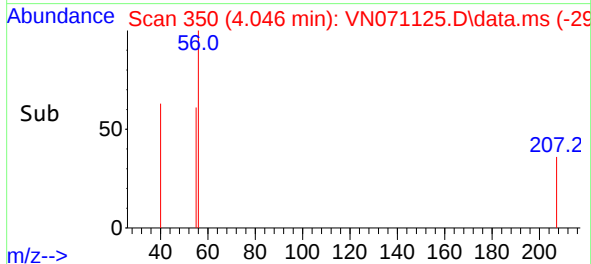
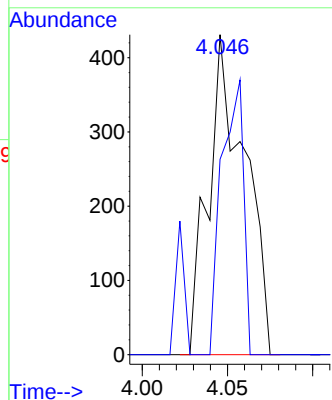
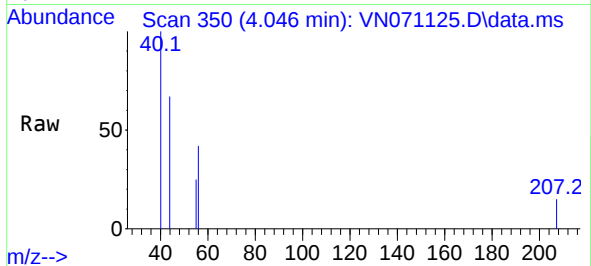




#13
Acrolein
Concen: 0.402 ug/l
RT: 4.046 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

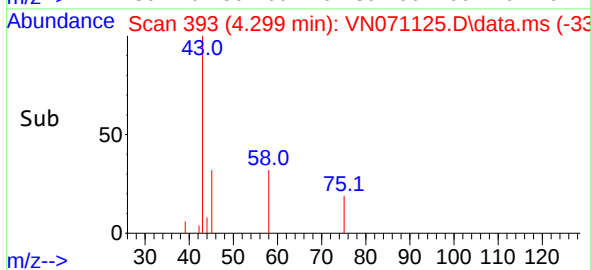
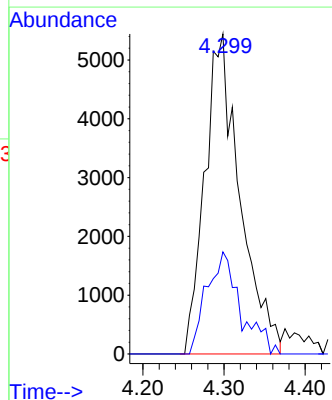
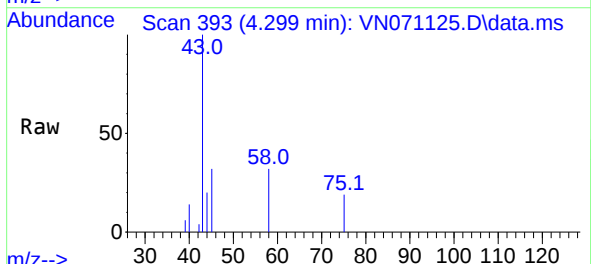
Instrument :
MSVOA_N
ClientSampleId :
MW-41

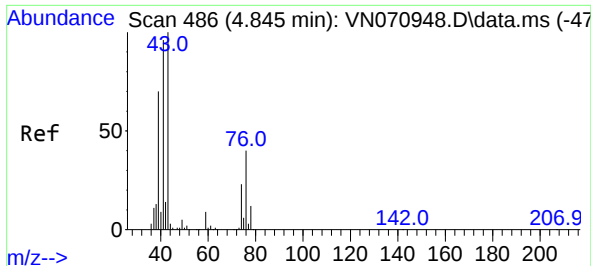
Tgt Ion: 56 Resp: 642
Ion Ratio Lower Upper
56 100
55 51.2 56.6 85.0#



#16
Acetone
Concen: 3.027 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 43 Resp: 16354
Ion Ratio Lower Upper
43 100
58 31.9 23.1 34.7

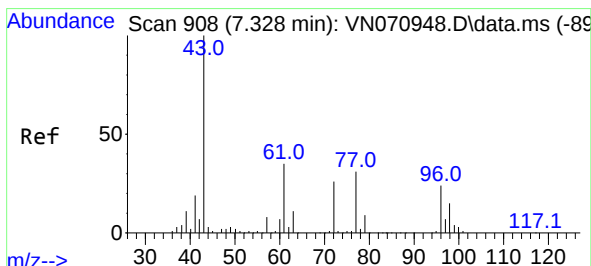
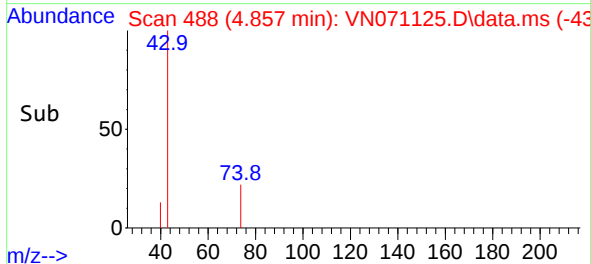
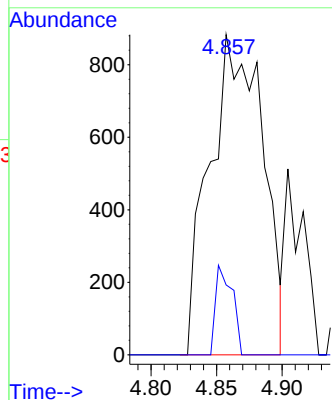
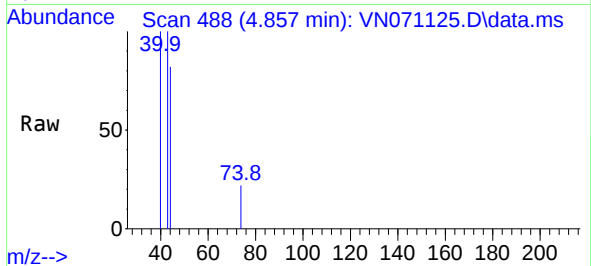




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

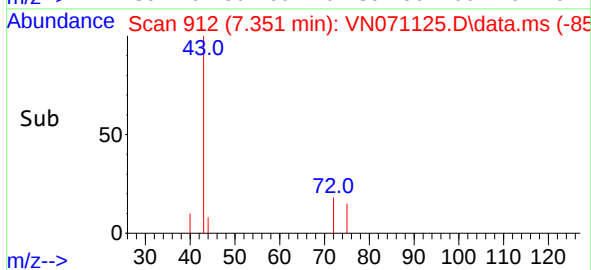
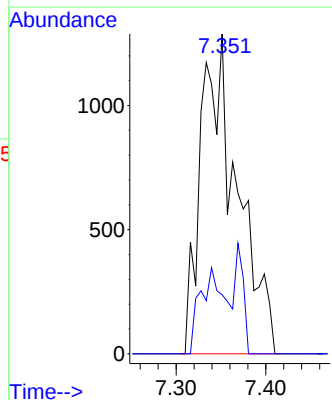
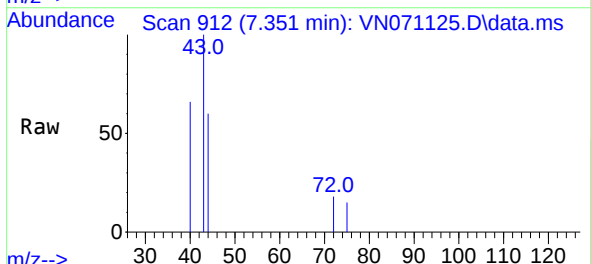
Instrument :
MSVOA_N
ClientSampleId :
MW-41

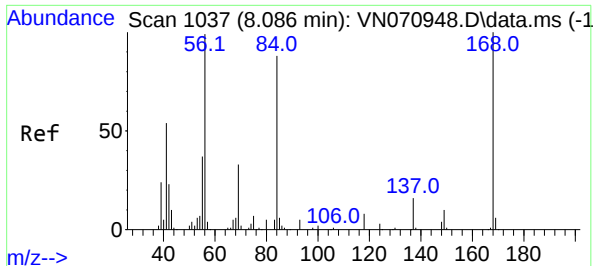
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
74 8.7 19.4 29.2#



#25
2-Butanone
Concen: 0.509 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.024 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 43 Resp: 3655
Ion Ratio Lower Upper
43 100
72 18.5 21.7 32.5#

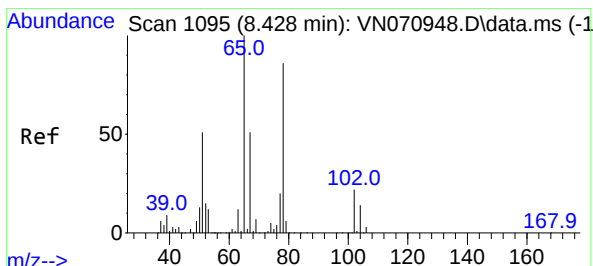
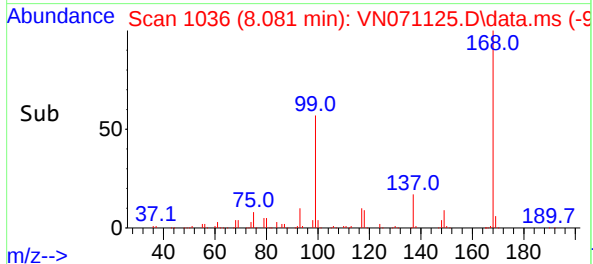
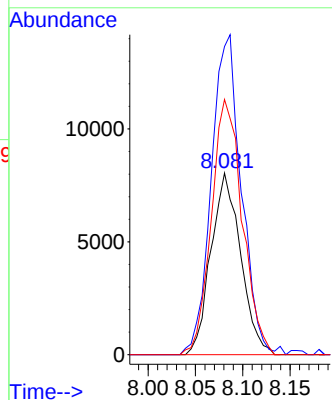
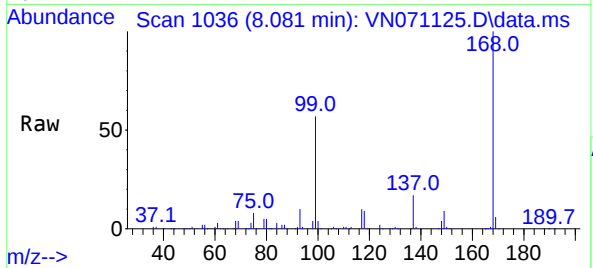




#31
Cyclohexane
Concen: 1.033 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

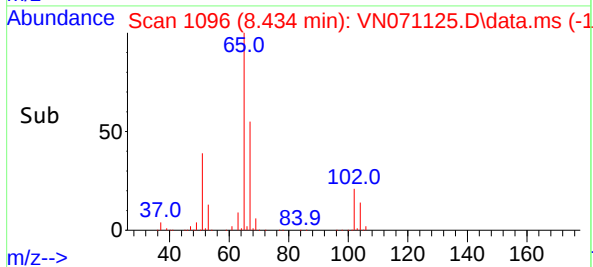
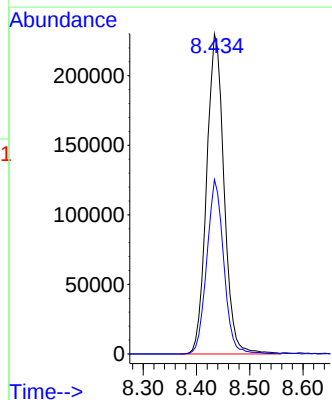
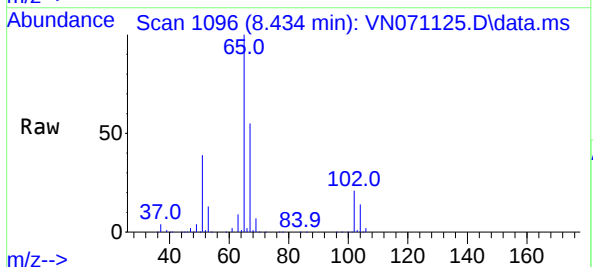
Instrument :
MSVOA_N
ClientSampleId :
MW-41

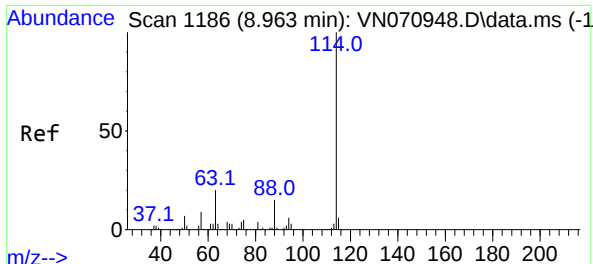
Tgt Ion: 56 Resp: 17529
Ion Ratio Lower Upper
56 100
69 169.7 27.1 40.7#
84 140.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.348 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 65 Resp: 523335
Ion Ratio Lower Upper
65 100
67 52.9 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: VN071125.D

Acq: 01 Mar 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-41

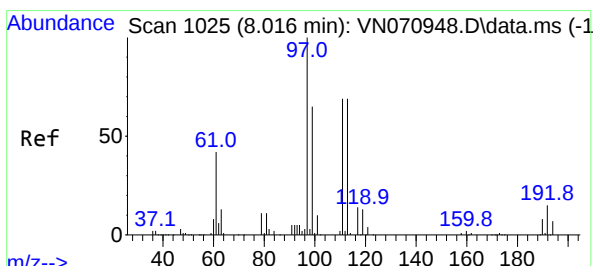
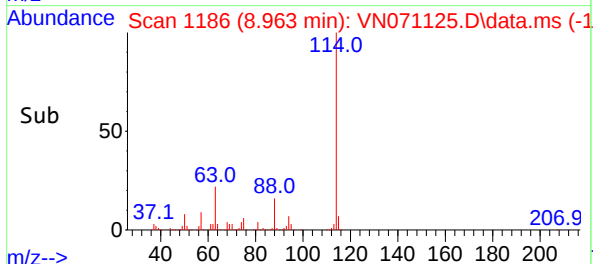
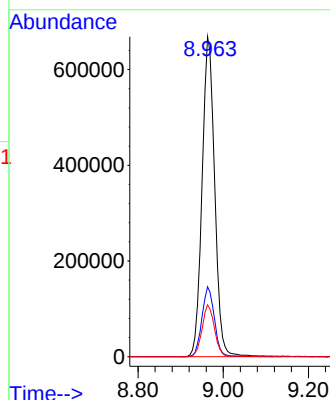
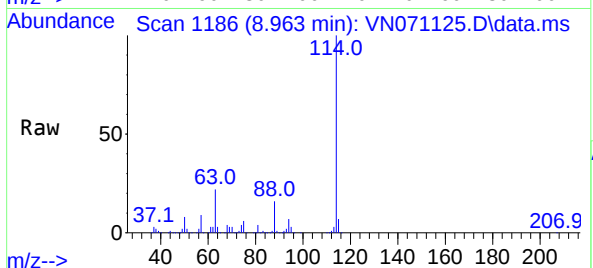
Tgt Ion:114 Resp: 1374189

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.987 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071125.D

Acq: 01 Mar 2022 17:48

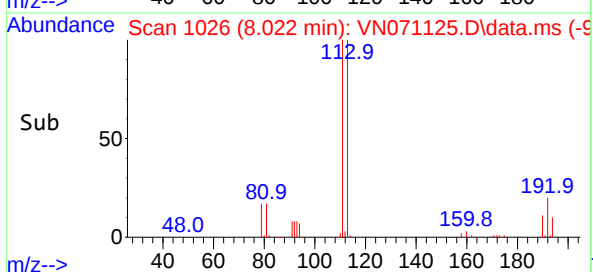
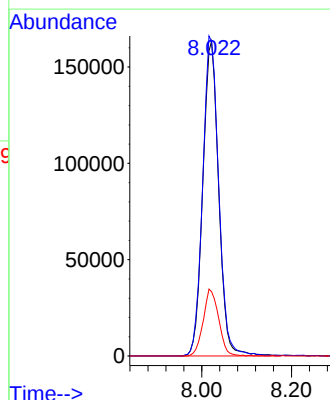
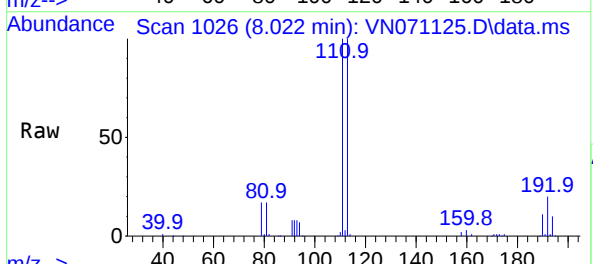
Tgt Ion:113 Resp: 400406

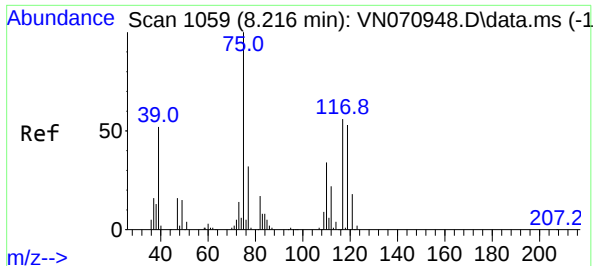
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 20.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.749 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071125.D

Acq: 01 Mar 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-41

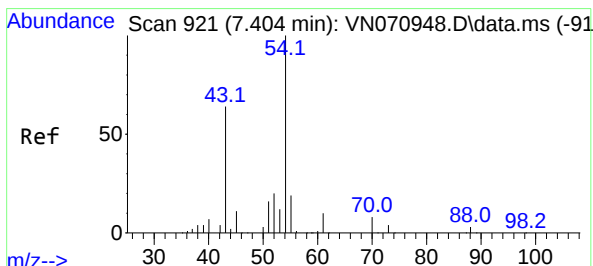
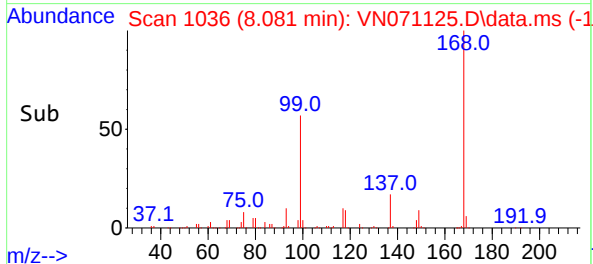
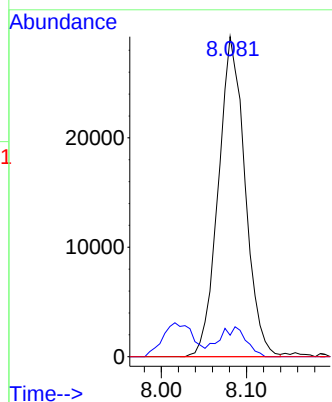
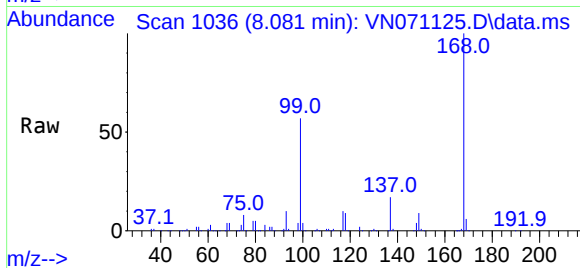
Tgt Ion: 75 Resp: 63590

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 0.254 ug/l

RT: 7.351 min Scan# 912

Delta R.T. -0.053 min

Lab File: VN071125.D

Acq: 01 Mar 2022 17:48

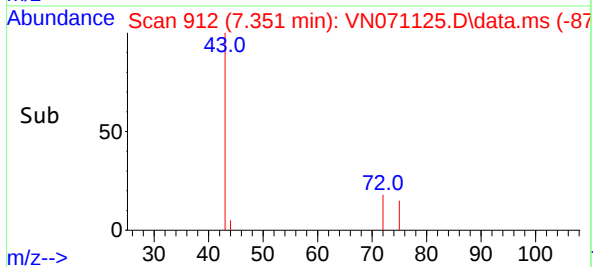
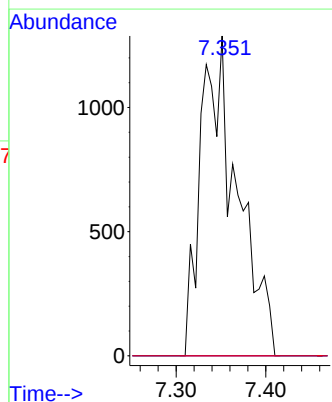
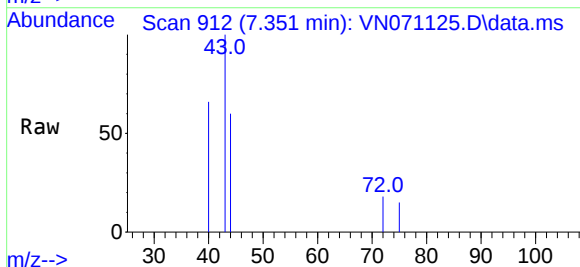
Tgt Ion: 43 Resp: 3655

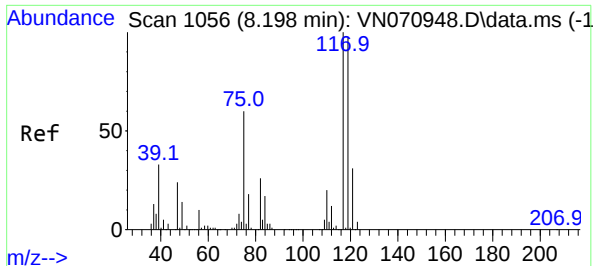
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#

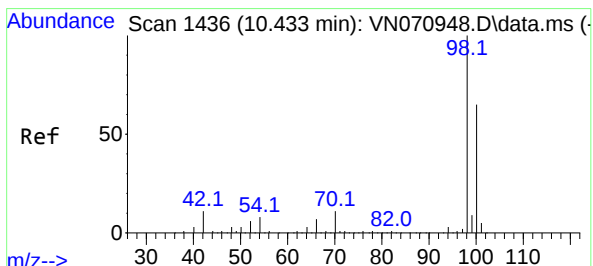
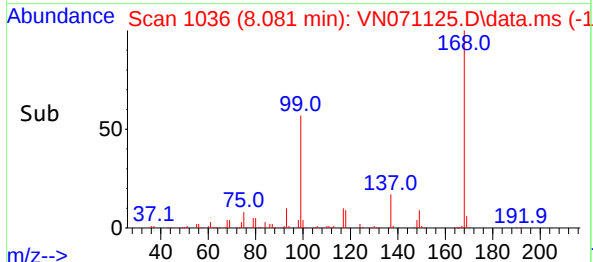
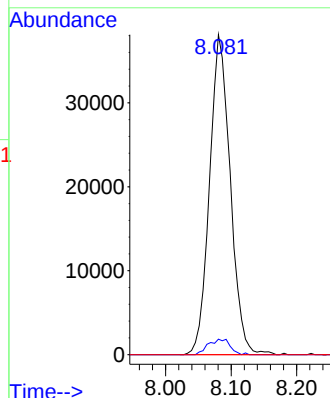
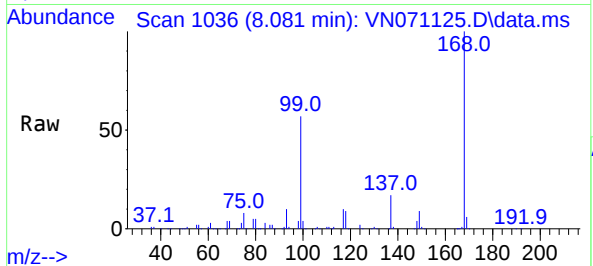




#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 8.081 min Scan# 1056
Delta R.T. -0.118 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

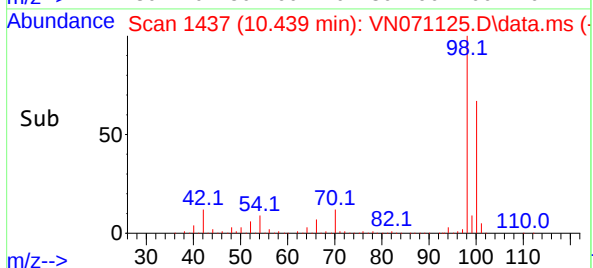
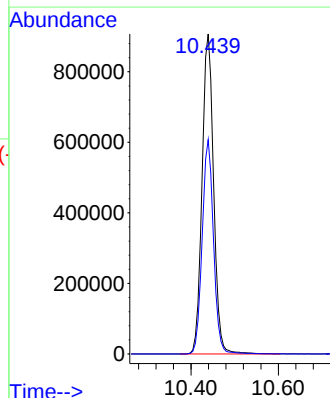
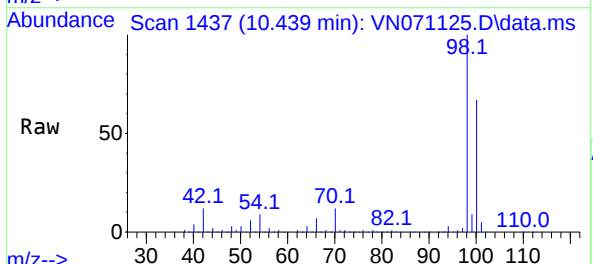
Instrument :
MSVOA_N
ClientSampleId :
MW-41

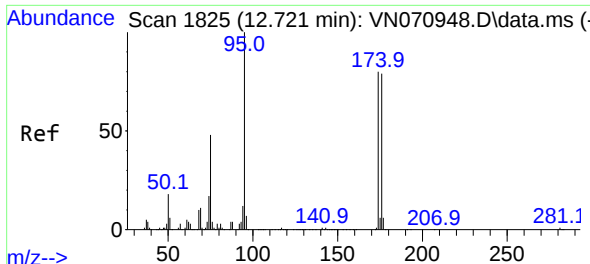
Tgt Ion:117 Resp: 83734
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.848 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 98 Resp: 1669087
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

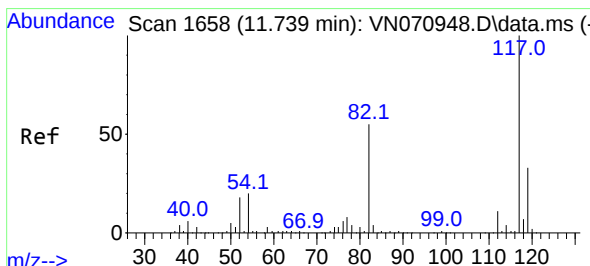
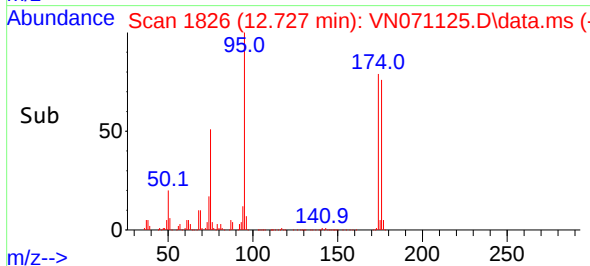
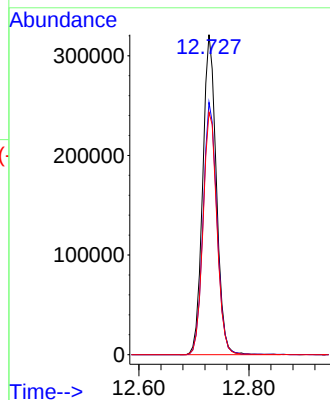
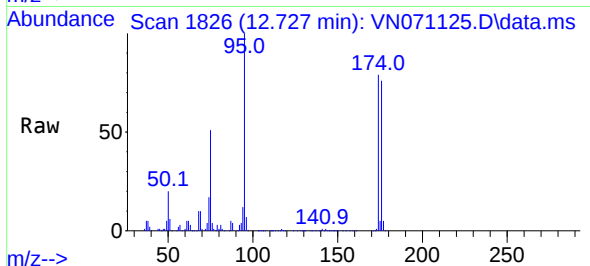




#62
4-Bromofluorobenzene
Concen: 47.057 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

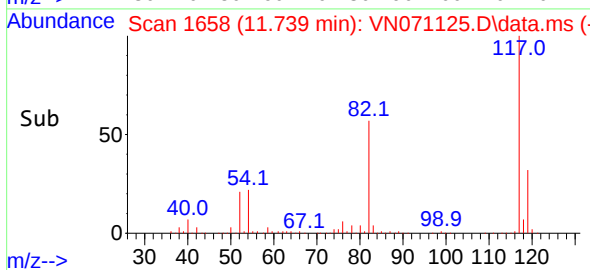
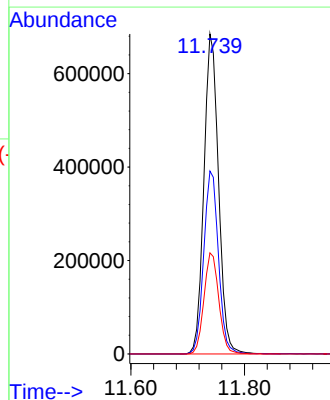
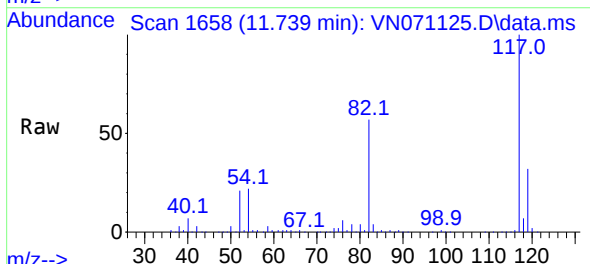
Instrument :
MSVOA_N
ClientSampleId :
MW-41

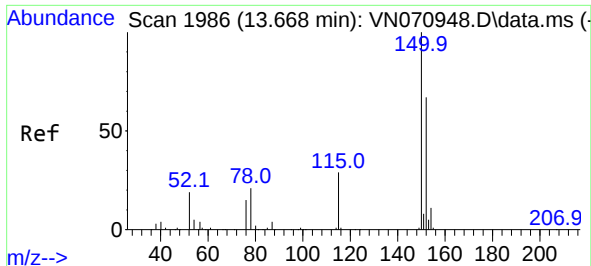
Tgt Ion: 95 Resp: 552119
Ion Ratio Lower Upper
95 100
174 79.6 0.0 187.2
176 77.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 117 Resp: 1221010
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.6 25.4 38.2

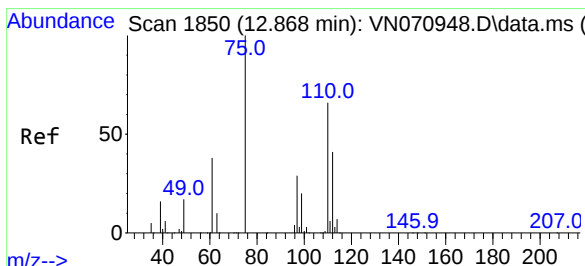
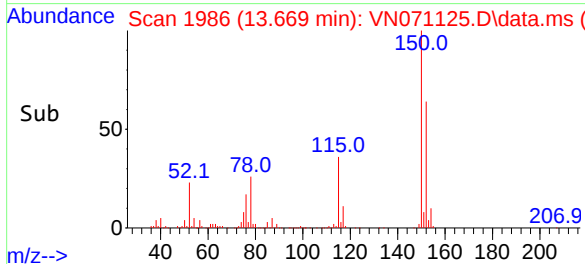
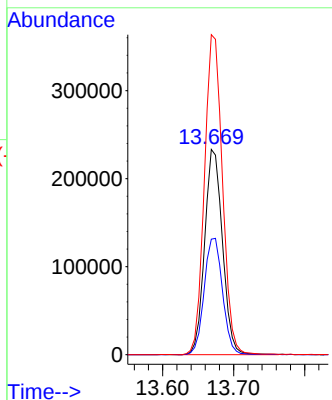
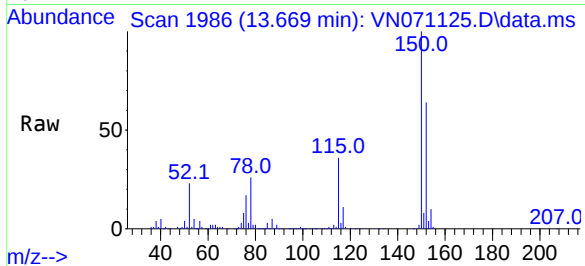




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

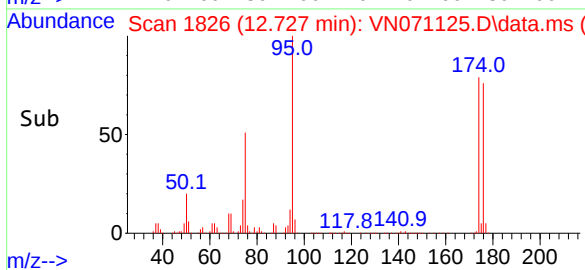
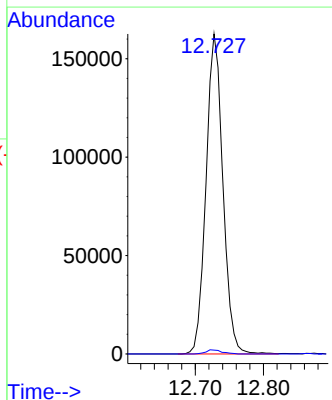
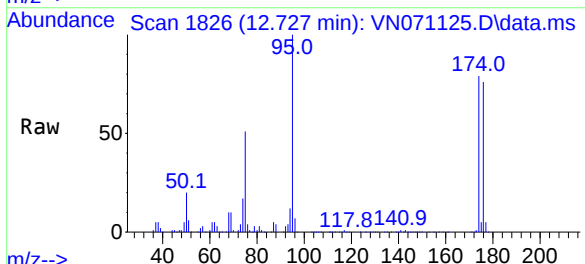
Instrument :
MSVOA_N
ClientSampleId :
MW-41

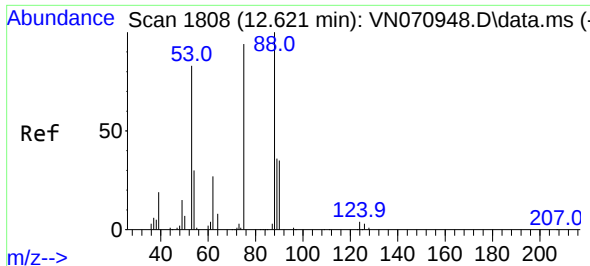
Tgt Ion:152 Resp: 407801
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 29.176 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 75 Resp: 280145
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

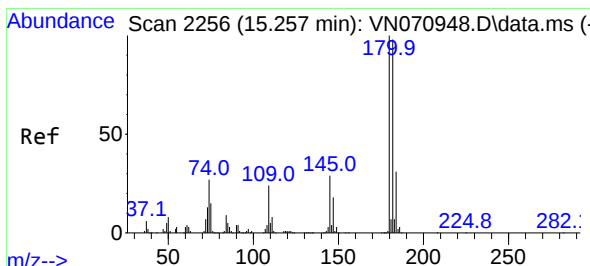
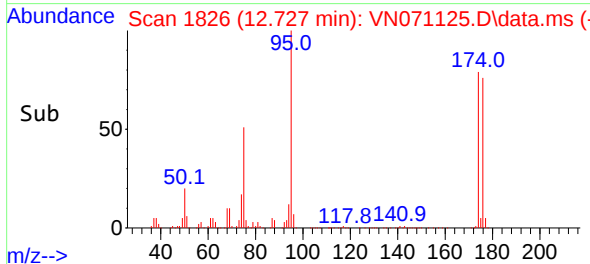
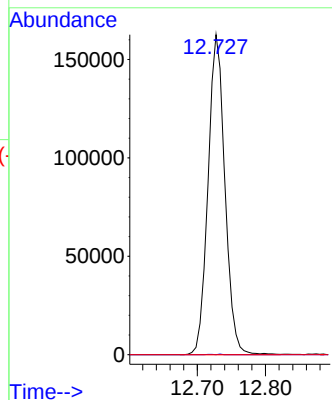
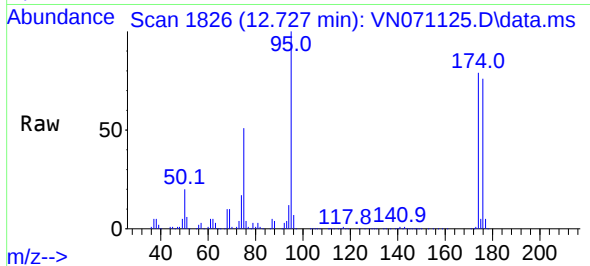




#81
trans-1,4-Dichloro-2-butene
Concen: 94.545 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

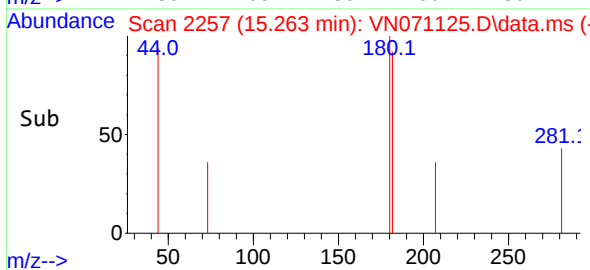
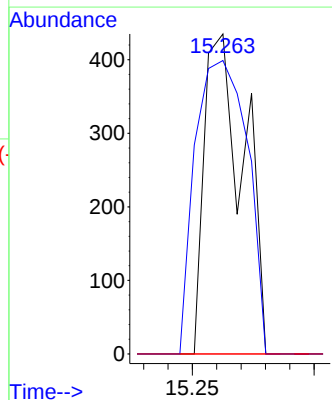
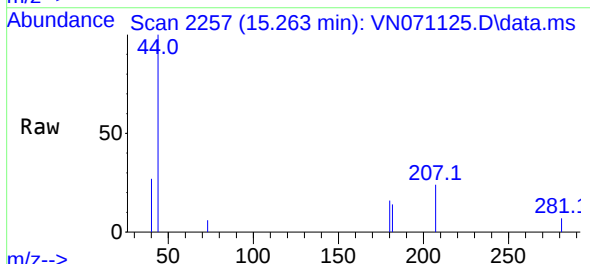
Instrument :
MSVOA_N
ClientSampleId :
MW-41

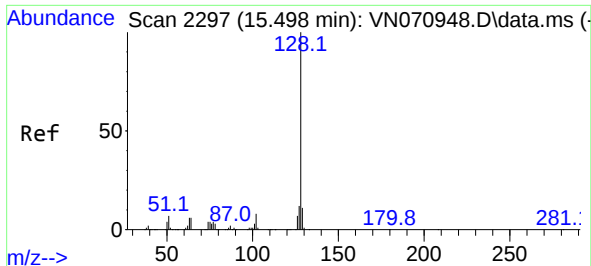
Tgt Ion: 75 Resp: 280145
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.062 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion: 180 Resp: 490
Ion Ratio Lower Upper
180 100
182 121.6 48.3 144.9
145 0.0 14.5 43.5#

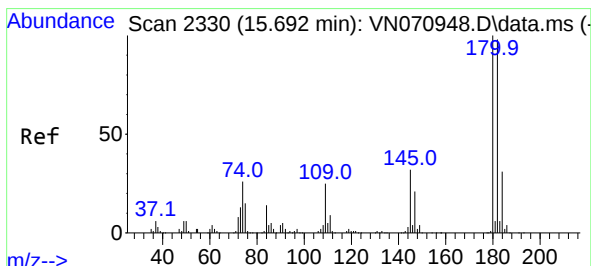
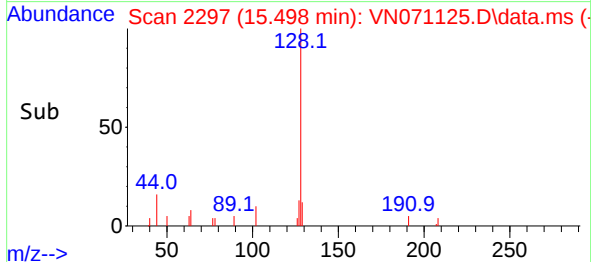
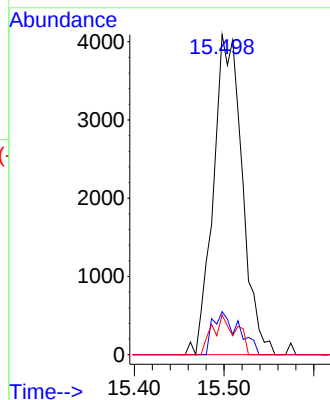
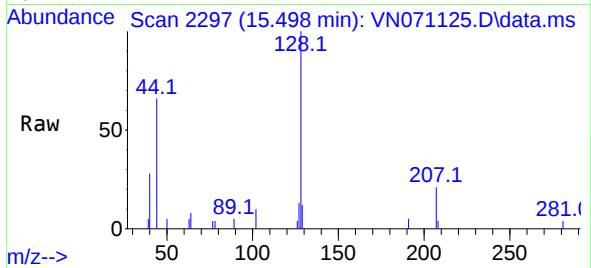




#95
Naphthalene
Concen: 5.441 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW-41

Tgt Ion:	128	Resp:	9139
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.584 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071125.D
Acq: 01 Mar 2022 17:48

Tgt Ion:	180	Resp:	496
Ion	Ratio	Lower	Upper
180	100		
182	135.5	47.4	142.2
145	0.0	15.0	45.1#

