

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075300.D
 Acq On : 17 Nov 2022 12:01
 Operator : JC\MD
 Sample : VN1117WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBL01

Quant Time: Nov 18 00:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

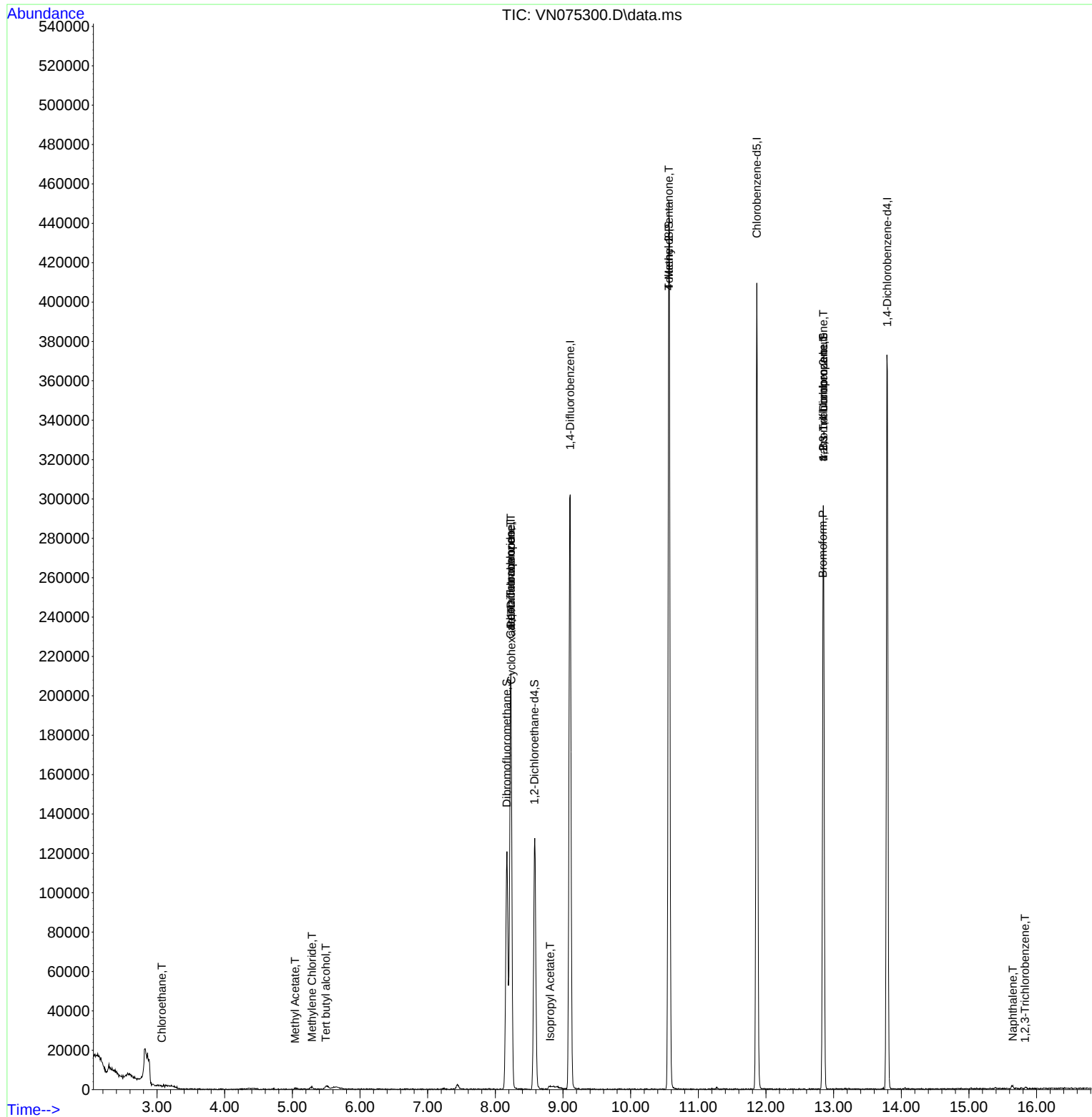
Internal Standards						
1) Pentafluorobenzene	8.230	168	156589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103127	48.879	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.760%		
35) Dibromofluoromethane	8.171	113	86968	52.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.140%		
50) Toluene-d8	10.565	98	323691	50.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.880%		
62) 4-Bromofluorobenzene	12.847	95	103925	46.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	198	Below Cal	#	60
6) Chloroethane	3.071	64	1003	0.453	ug/l #	45
11) Tert butyl alcohol	5.494	59	621	1.262	ug/l #	72
18) Methyl Acetate	5.041	43	1023	0.351	ug/l #	61
20) Methylene Chloride	5.289	84	951	0.477	ug/l #	81
31) Cyclohexane	8.235	56	3217	1.025	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	12308	4.806	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16868	5.988	ug/l #	17
43) Isopropyl Acetate	8.812	43	1422	0.326	ug/l #	53
51) 4-Methyl-2-Pentanone	10.565	43	1200	0.427	ug/l #	1
71) Bromoform	12.841	173	747	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	53153	24.290	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53153	62.351	ug/l #	10
95) Naphthalene	15.647	128	2215	0.377	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.829	180	390	0.257	ug/l #	62

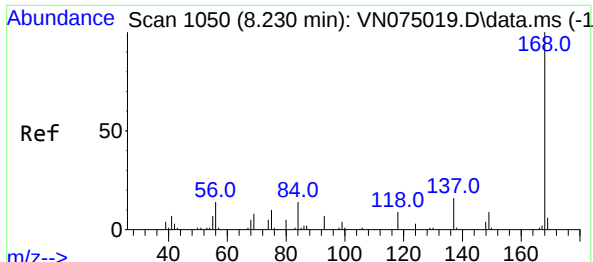
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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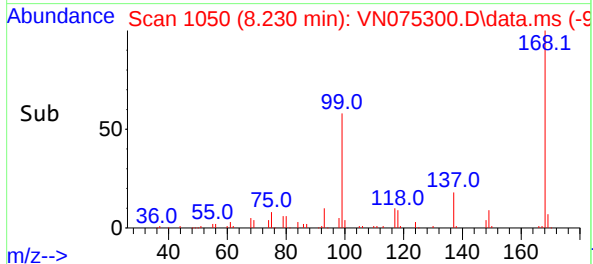
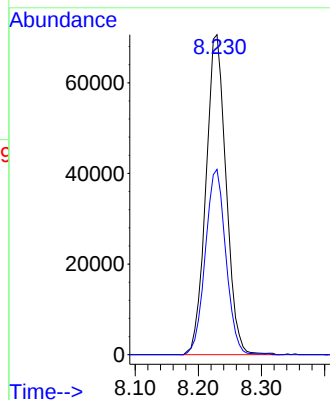
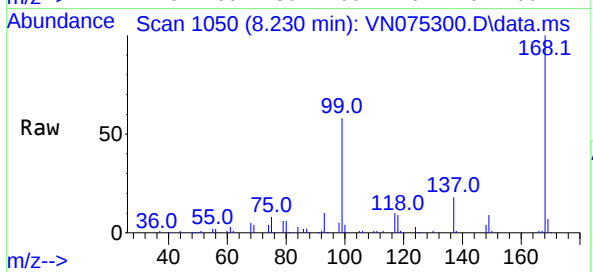




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

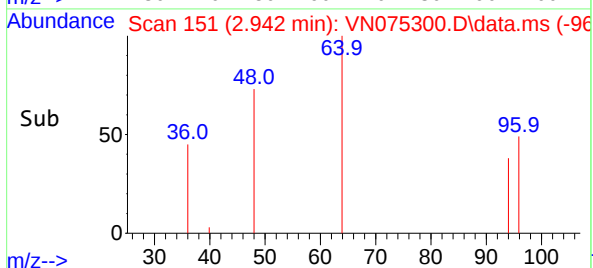
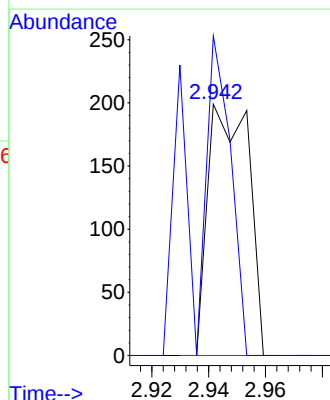
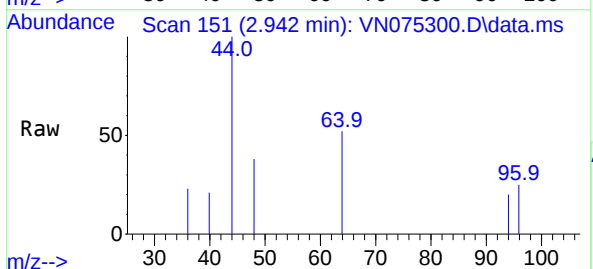
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

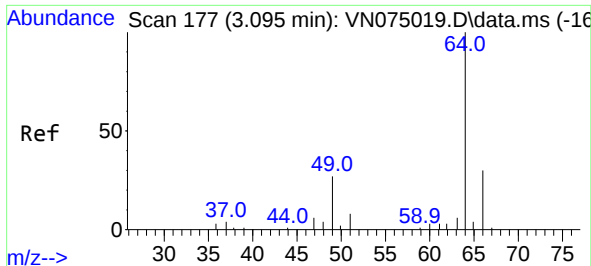
Tgt Ion:168 Resp: 156589
Ion Ratio Lower Upper
168 100
99 57.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 127.1 71.8 107.6#

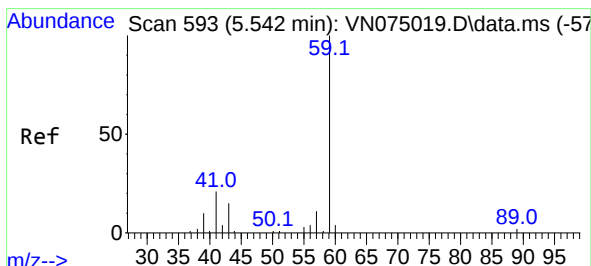
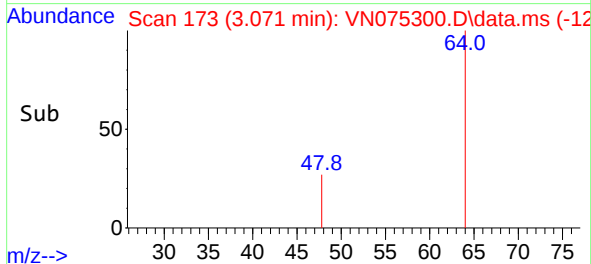
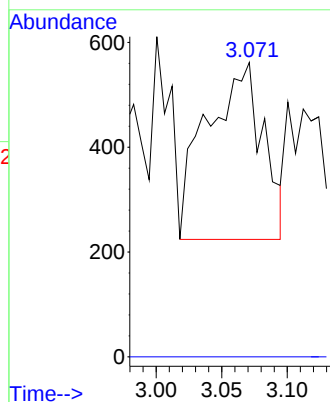
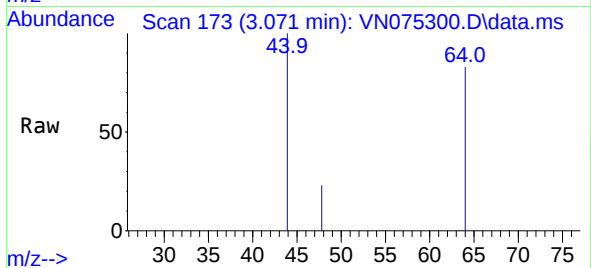




#6
Chloroethane
Concen: 0.453 ug/l
RT: 3.071 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

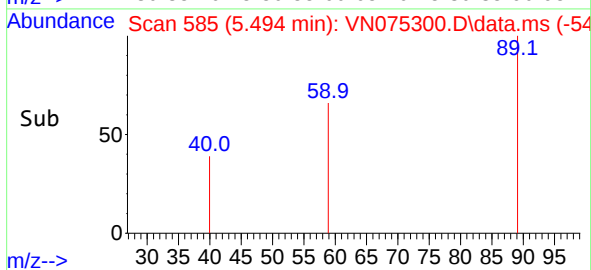
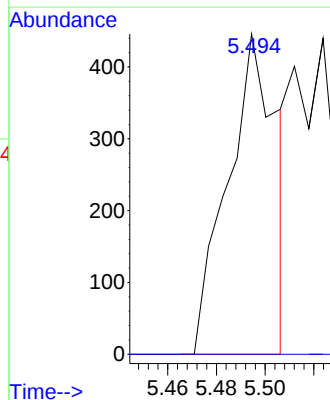
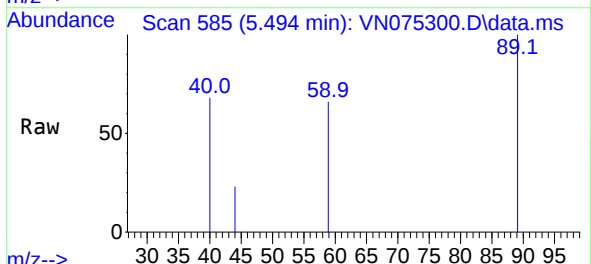
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

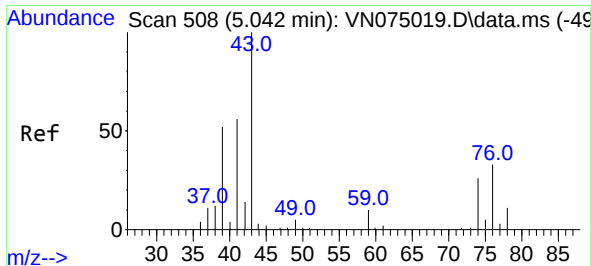
Tgt Ion: 64 Resp: 1003
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.262 ug/l
RT: 5.494 min Scan# 585
Delta R.T. -0.048 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

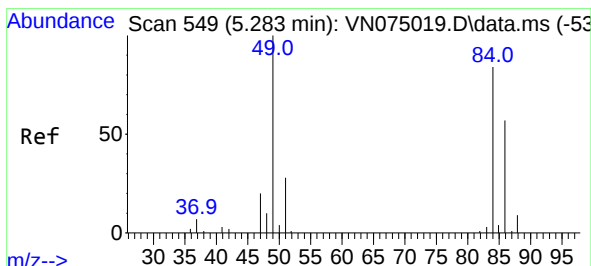
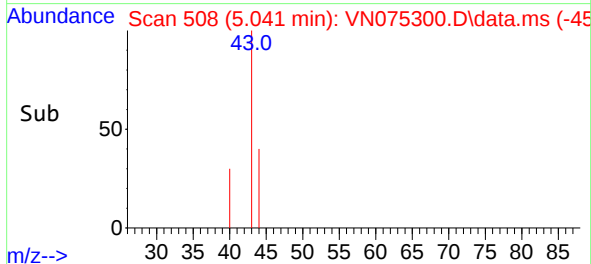
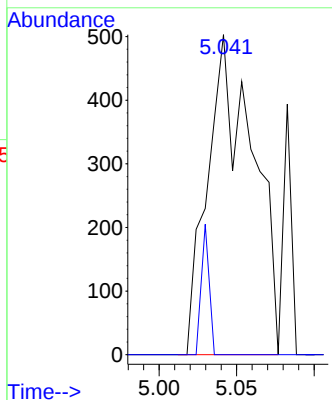
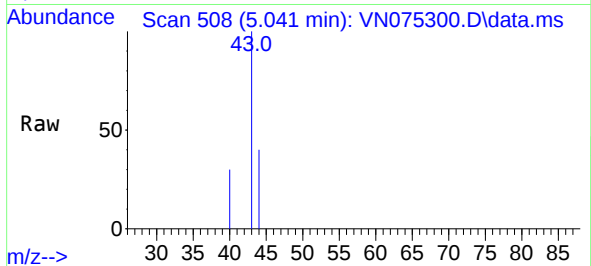




#18
Methyl Acetate
Concen: 0.351 ug/l
RT: 5.041 min Scan# 50
Delta R.T. -0.001 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

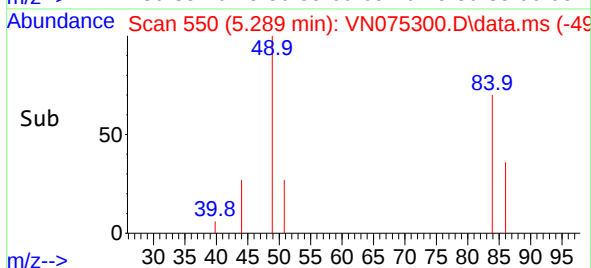
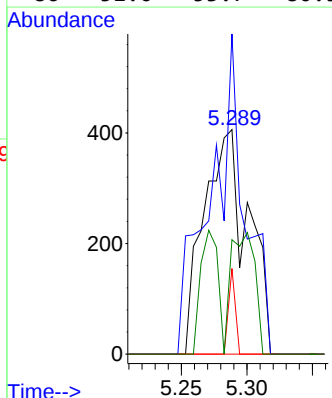
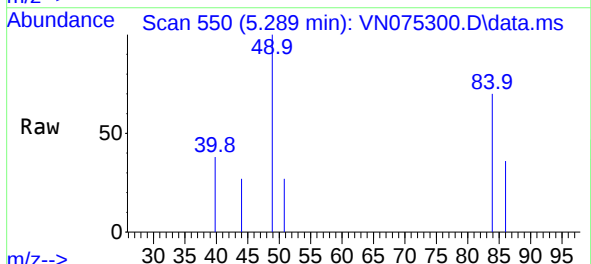
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

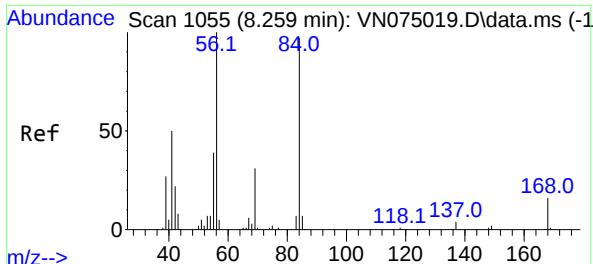
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
74 7.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 84 Resp: 951
Ion Ratio Lower Upper
84 100
49 142.6 94.9 142.3#
51 38.2 26.8 40.2
86 51.0 53.7 80.5#

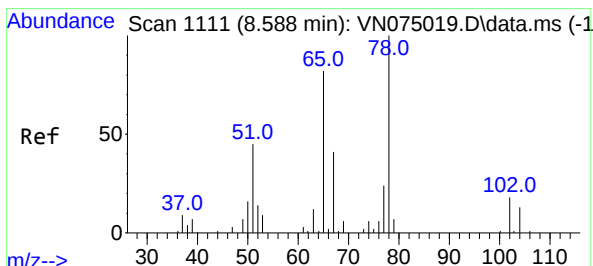
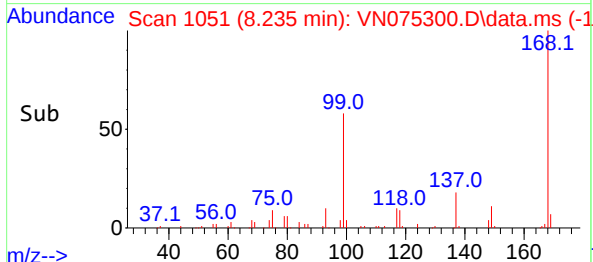
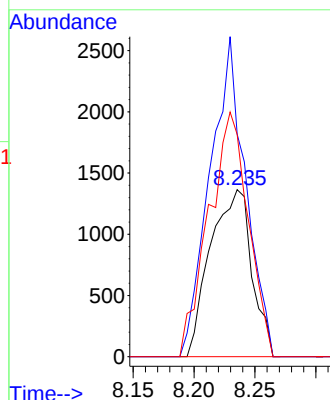
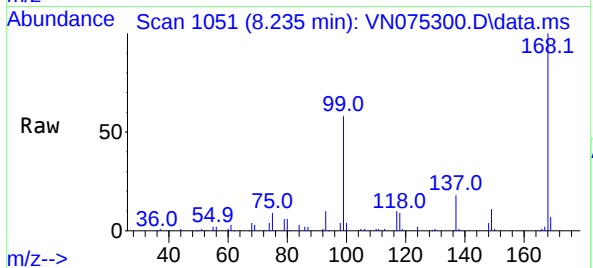




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 8.235 min Scan# 1109
Delta R.T. -0.024 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

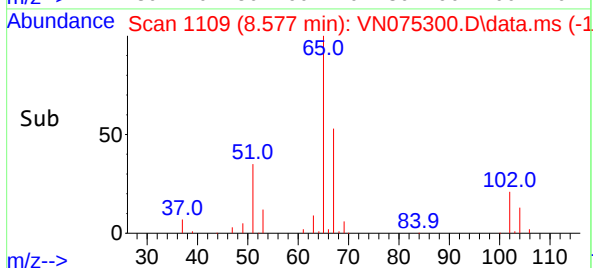
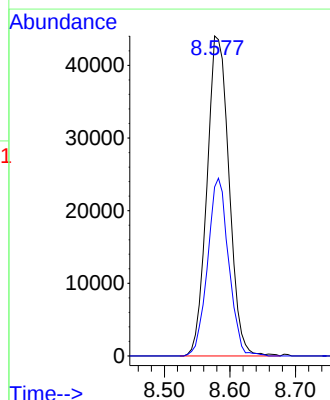
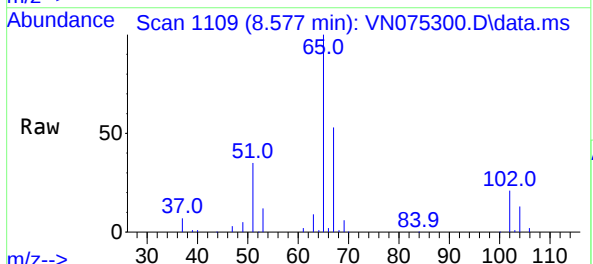
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

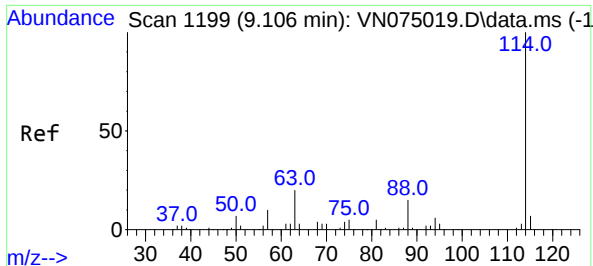
Tgt Ion: 56 Resp: 3217
Ion Ratio Lower Upper
56 100
69 133.2 25.2 37.8#
84 133.0 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 48.879 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.011 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 65 Resp: 103127
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0

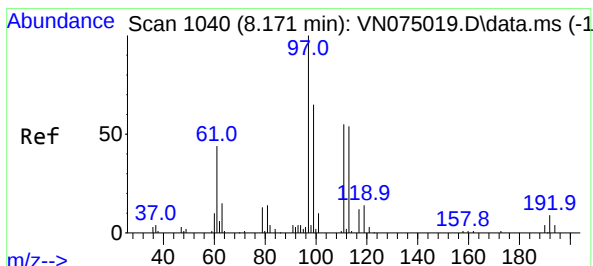
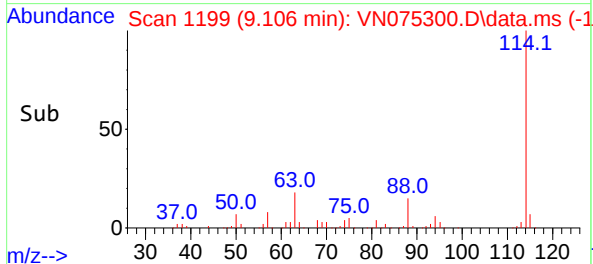
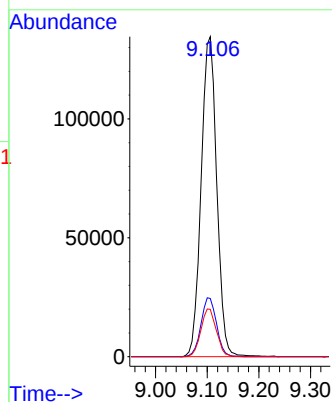
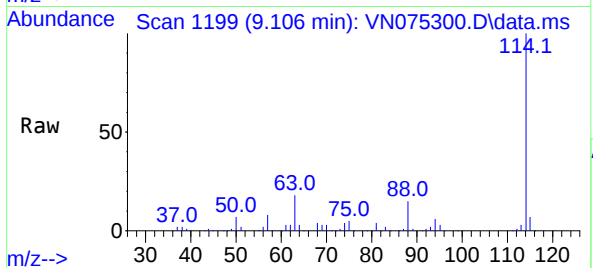




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

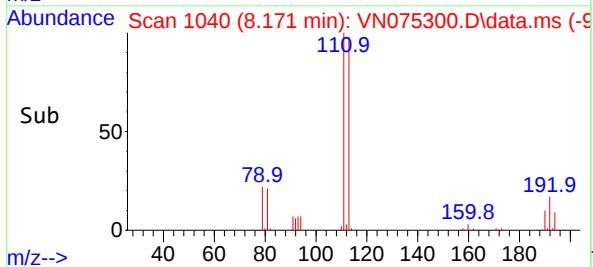
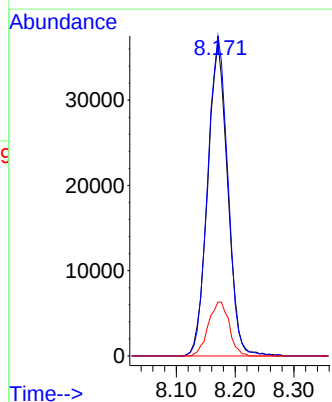
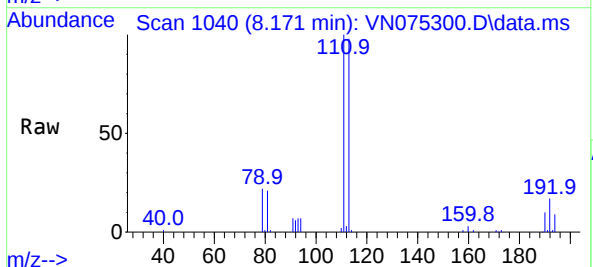
Instrument :
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ClientSampleId :
VN1117WBL01

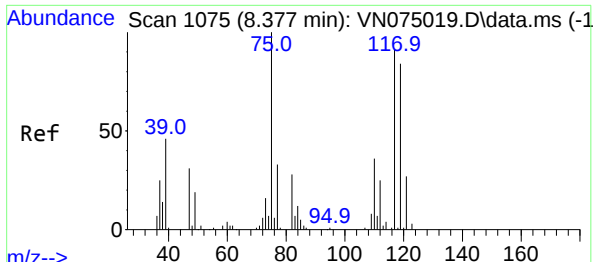
Tgt Ion:114 Resp: 281783
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.574 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion:113 Resp: 86968
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 17.9 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 8.230 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075300.D

Acq: 17 Nov 2022 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBL01

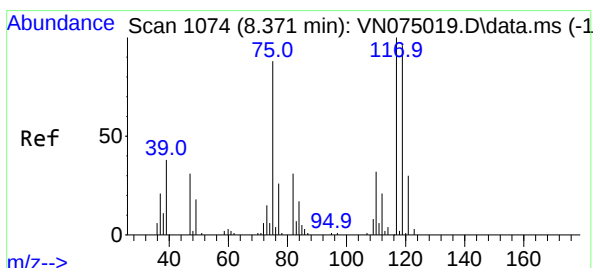
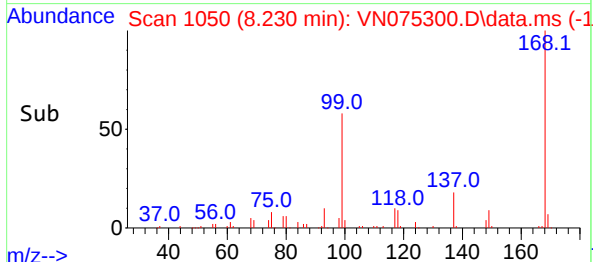
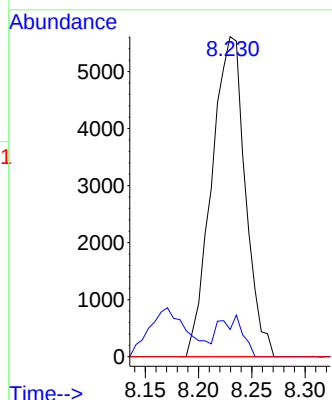
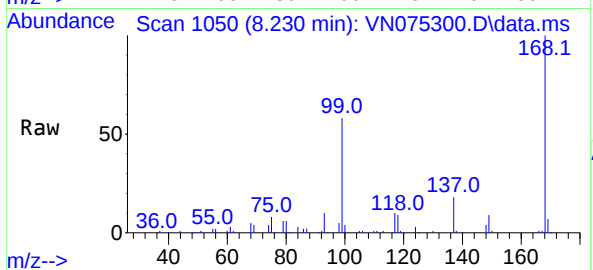
Tgt Ion: 75 Resp: 12308

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075300.D

Acq: 17 Nov 2022 12:01

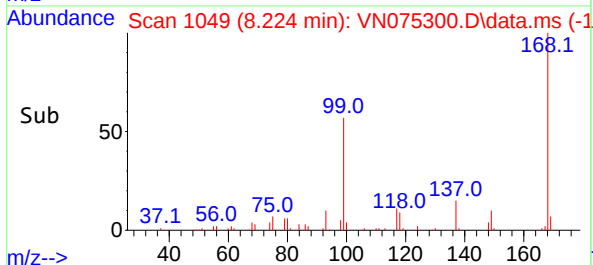
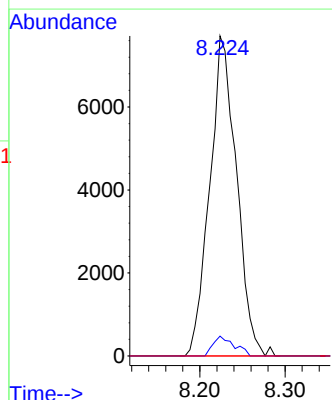
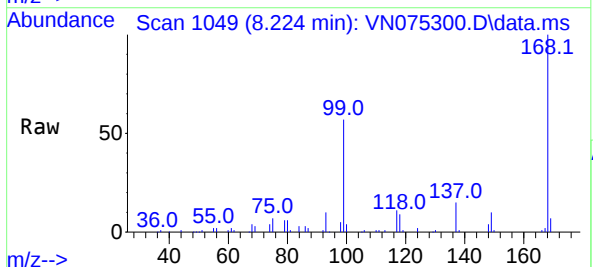
Tgt Ion: 117 Resp: 16868

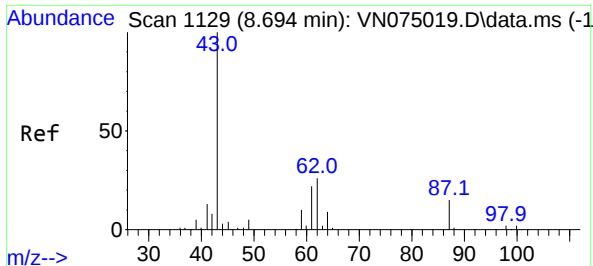
Ion Ratio Lower Upper

117 100

119 6.2 76.7 115.1#

121 0.0 23.9 35.9#

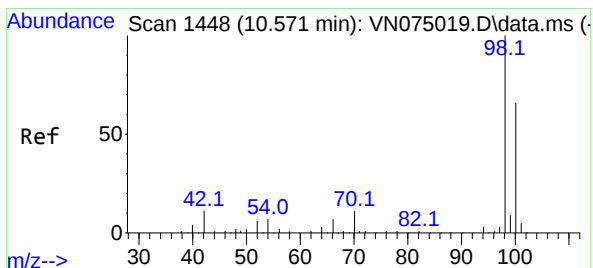
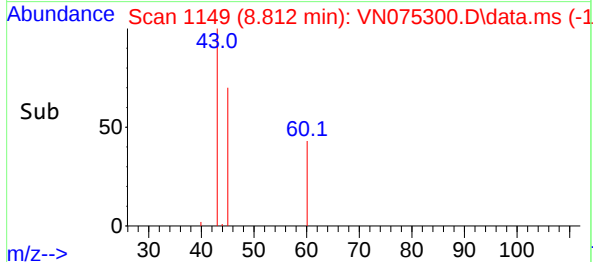
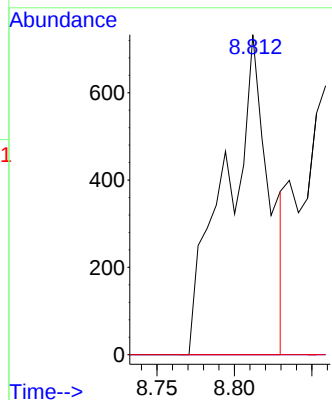
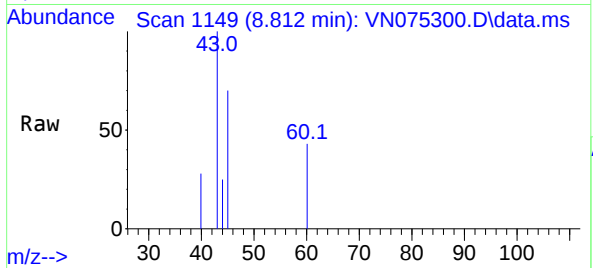




#43
Isopropyl Acetate
Concen: 0.326 ug/l
RT: 8.812 min Scan# 1129
Delta R.T. 0.118 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

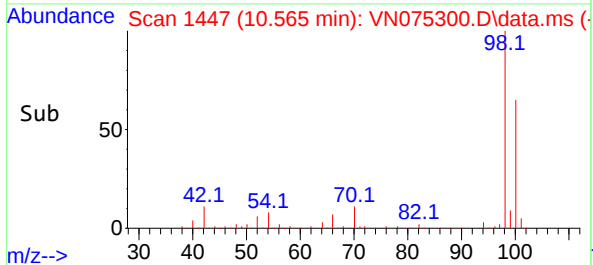
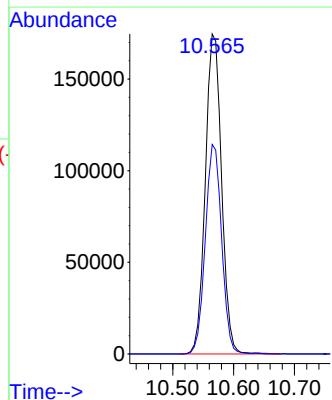
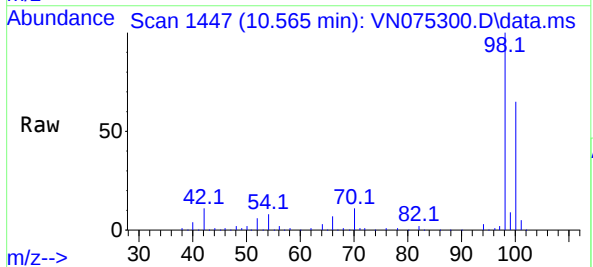
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

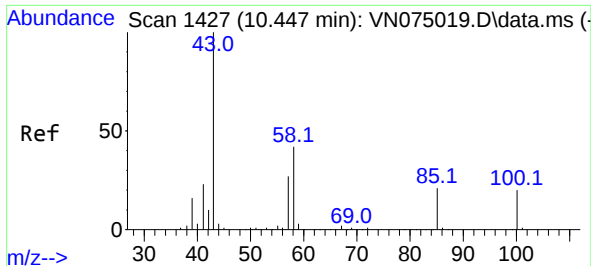
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 98 Resp: 323691
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

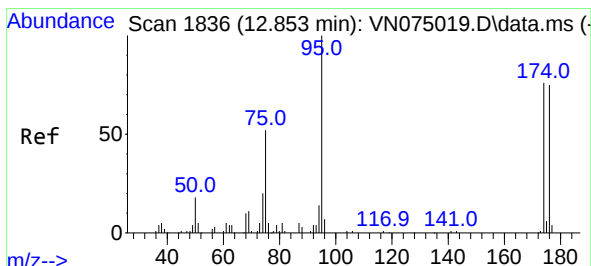
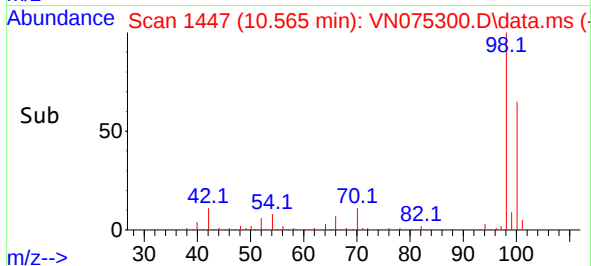
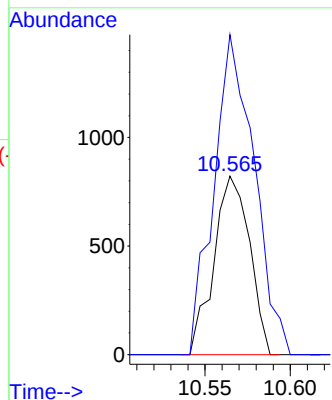
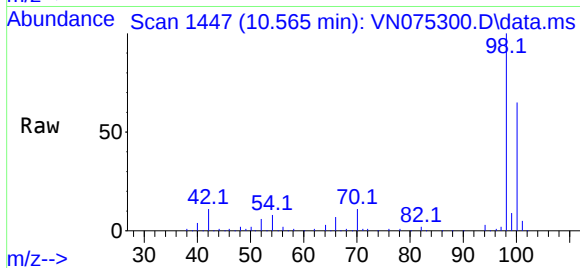




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

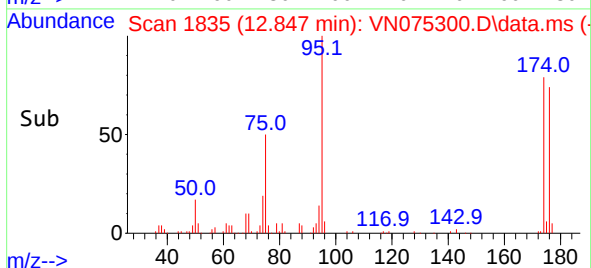
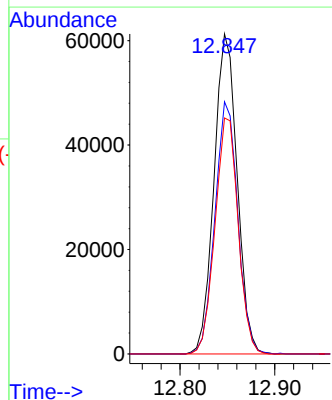
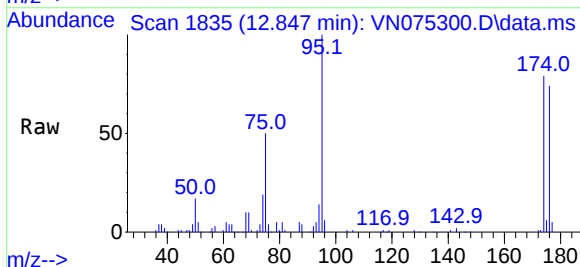
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

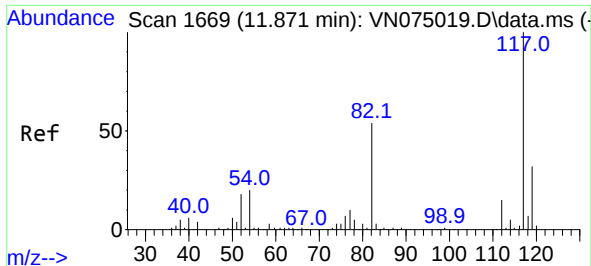
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 202.4 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 95 Resp: 103925
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 73.8 0.0 142.2

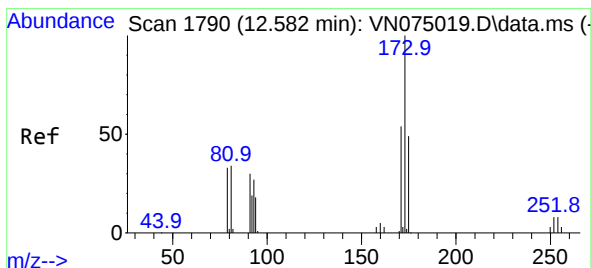
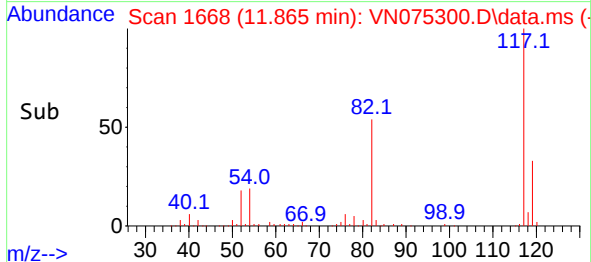
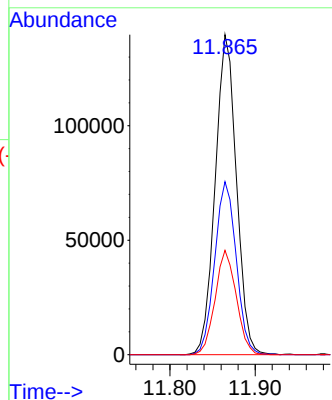
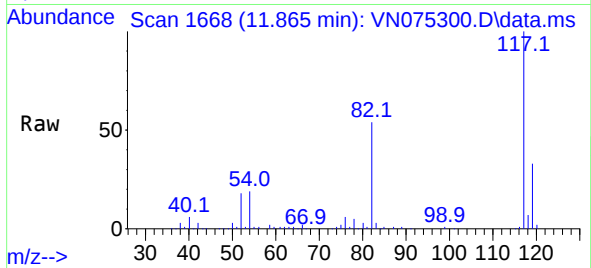




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

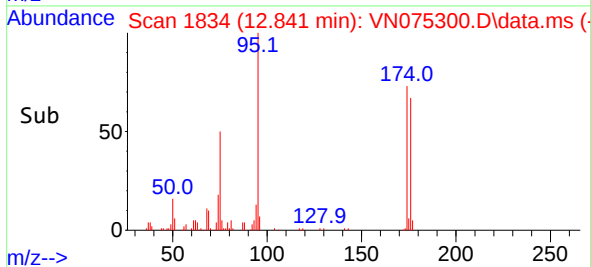
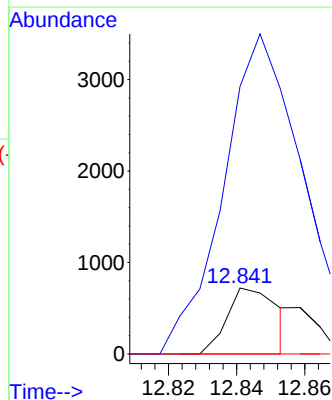
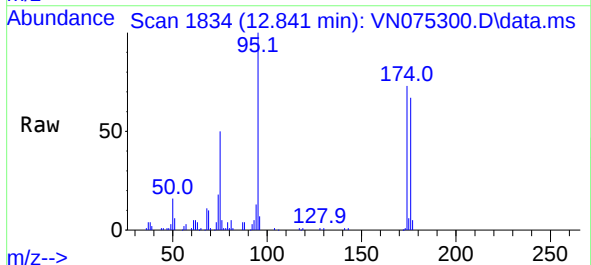
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

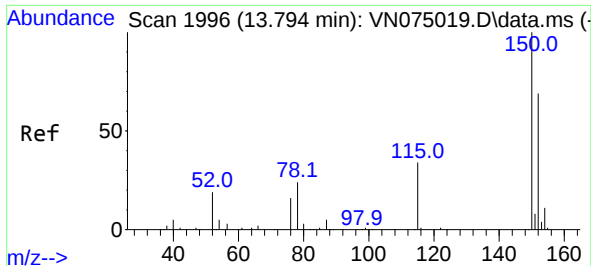
Tgt Ion:117 Resp: 242420
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 32.6 25.5 38.3



#71
Bromoform
Concen: 0.520 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion:173 Resp: 747
Ion Ratio Lower Upper
173 100
175 668.3 24.6 74.0#
254 0.0 0.0 0.0

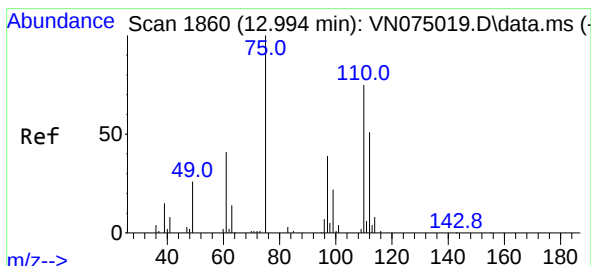
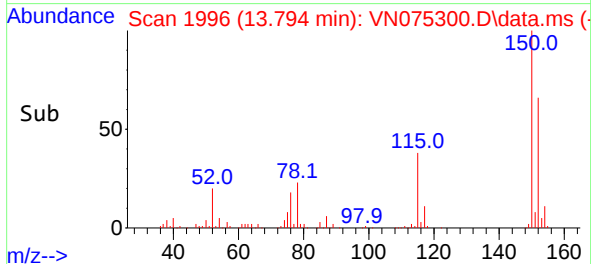
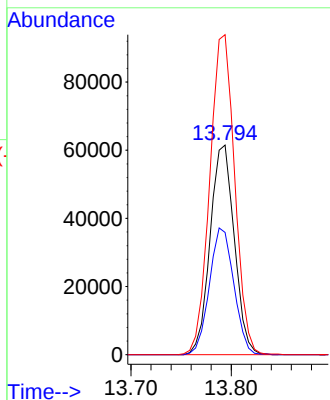
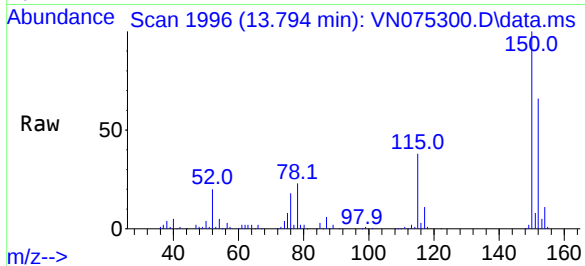




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

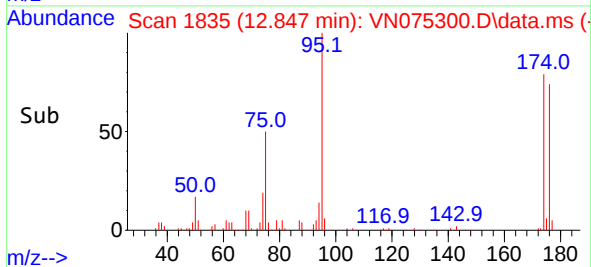
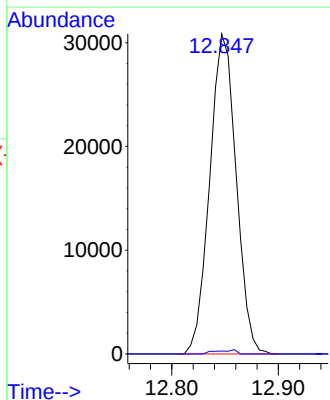
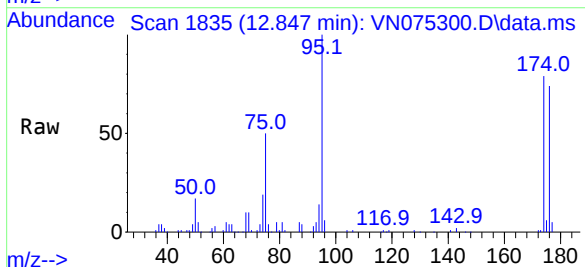
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

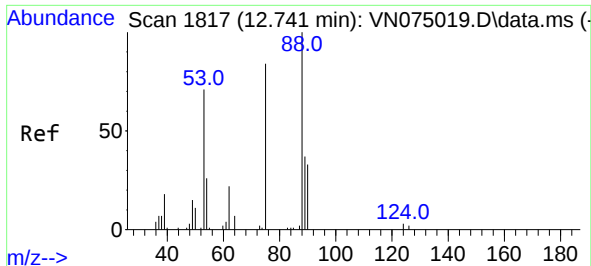
Tgt Ion:152 Resp: 103063
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 157.3 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 24.290 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 75 Resp: 53153
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#

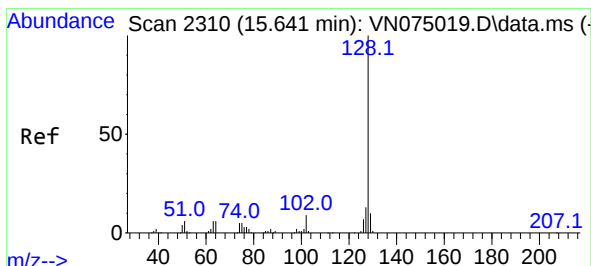
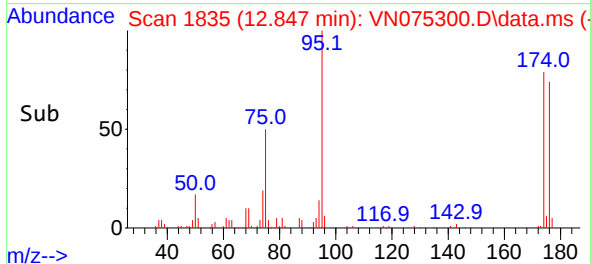
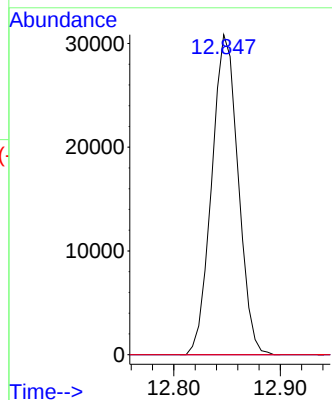
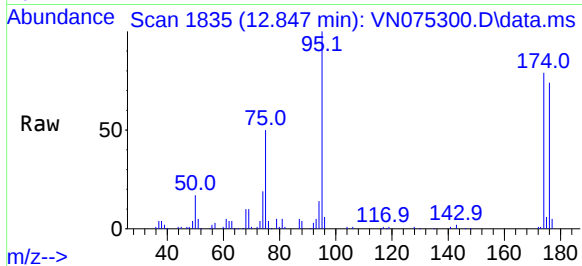




#81
trans-1,4-Dichloro-2-butene
Concen: 62.351 ug/l
RT: 12.847 min Scan# 1817
Delta R.T. 0.106 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

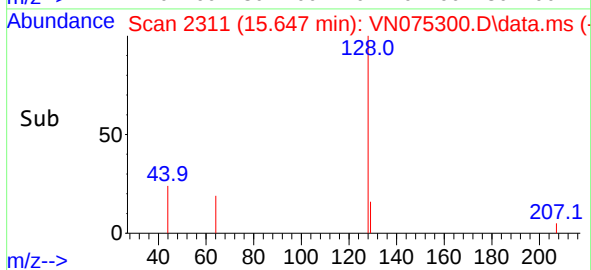
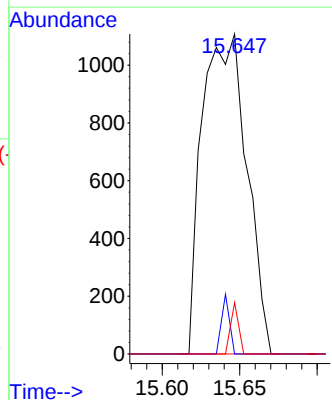
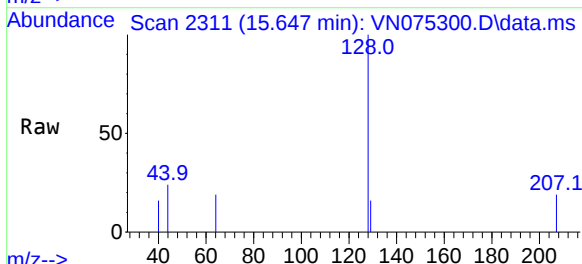
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

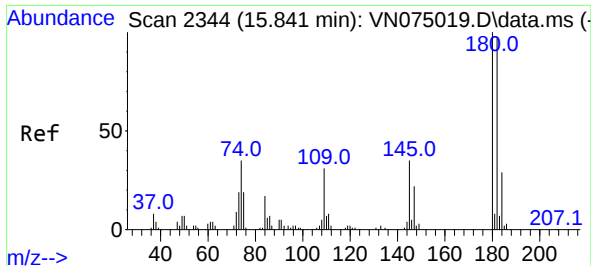
Tgt Ion: 75 Resp: 53153
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.377 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion:128 Resp: 2215
Ion Ratio Lower Upper
128 100
127 3.3 10.4 15.6#
129 2.8 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.257 ug/l

RT: 15.829 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN075300.D

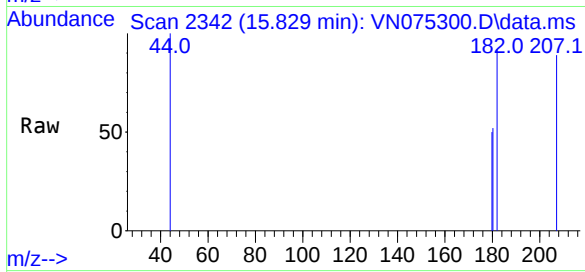
Acq: 17 Nov 2022 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBL01



Tgt Ion:180 Resp: 390

Ion Ratio Lower Upper

180 100

182 122.6 47.3 141.8

145 0.0 17.6 52.9#

