

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075138.D
 Acq On : 03 Nov 2022 12:37
 Operator : JC\MD
 Sample : VN1103WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBL01

Quant Time: Nov 04 04:09:40 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)

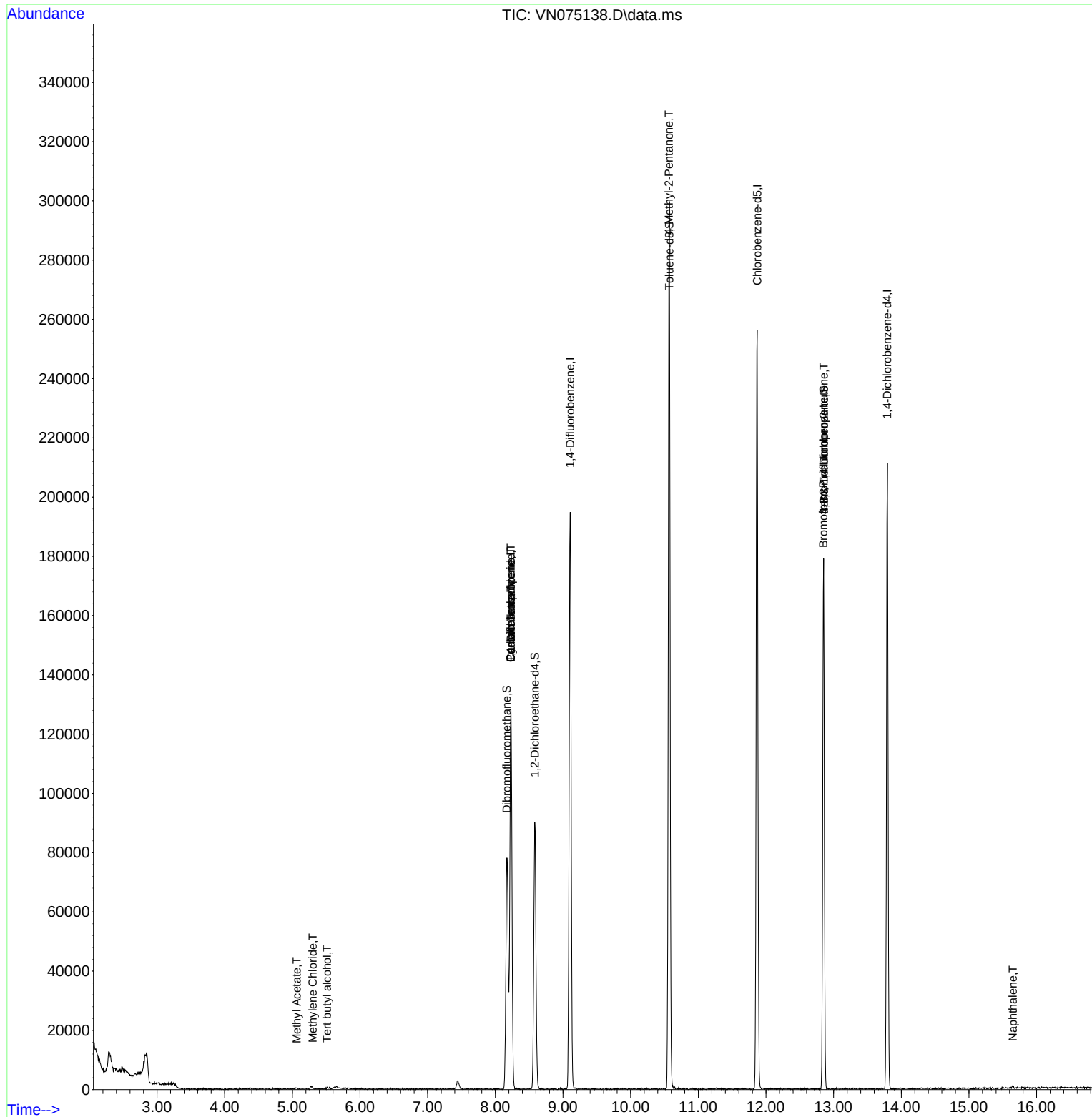
Internal Standards						
1) Pentafluorobenzene	8.230	168	88127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	168674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	143991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	53172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	72927	61.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.840%			
35) Dibromofluoromethane	8.171	113	55194	55.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.480%			
50) Toluene-d8	10.571	98	205364	53.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.853	95	58484	43.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.680%			
Target Compounds			Qvalue			
5) Bromomethane	2.959	94	265	Below Cal	#	66
11) Tert butyl alcohol	5.512	59	82	0.296	ug/l #	72
18) Methyl Acetate	5.065	43	495	0.301	ug/l #	47
20) Methylene Chloride	5.300	84	640	0.571	ug/l #	29
31) Cyclohexane	8.230	56	2382	1.349	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	7921	5.167	ug/l #	48
38) Carbon Tetrachloride	8.230	117	9728	5.769	ug/l #	12
51) 4-Methyl-2-Pentanone	10.565	43	755	0.449	ug/l #	1
71) Bromoform	12.847	173	457	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	33012	29.240	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	33012	75.060	ug/l #	10
95) Naphthalene	15.647	128	960	0.317	ug/l #	69

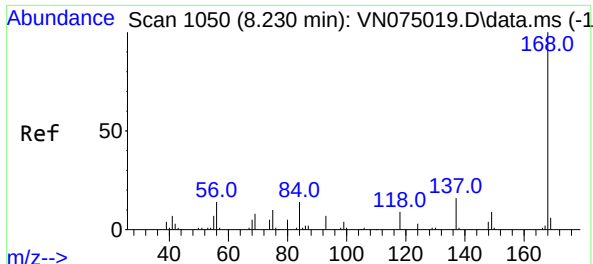
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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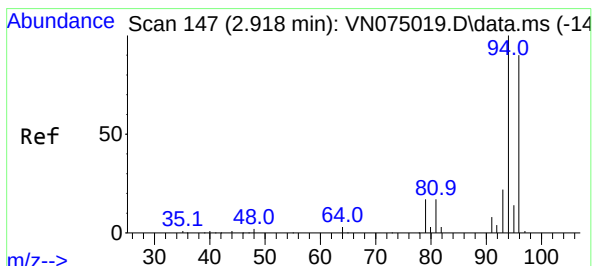
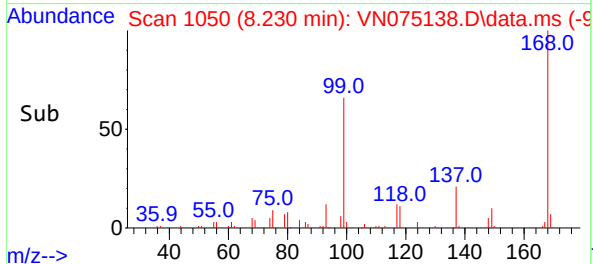
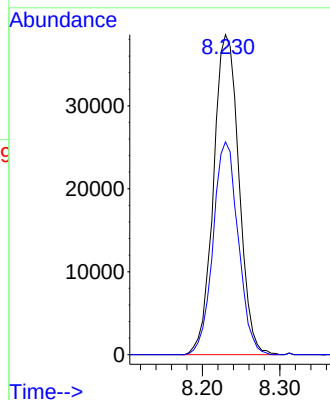
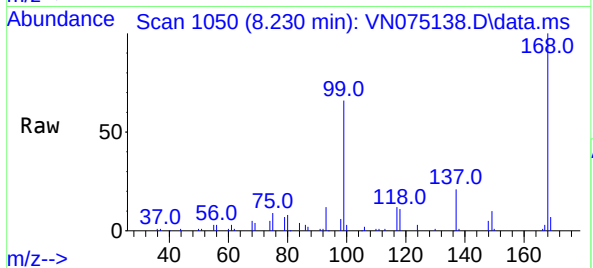




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

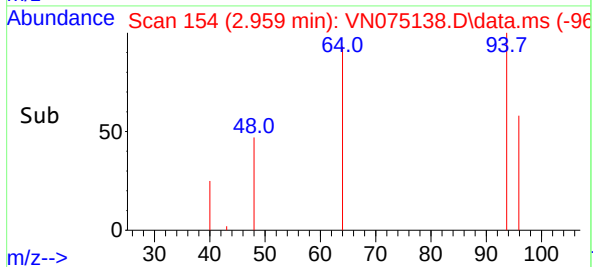
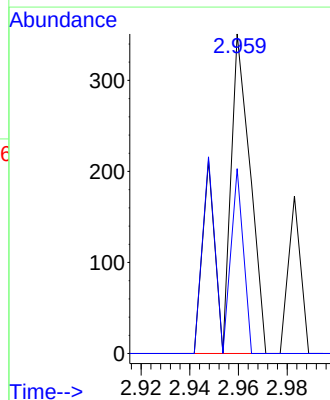
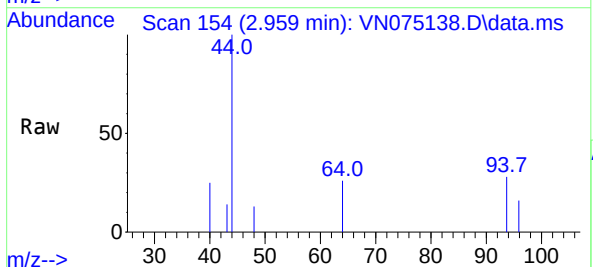
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

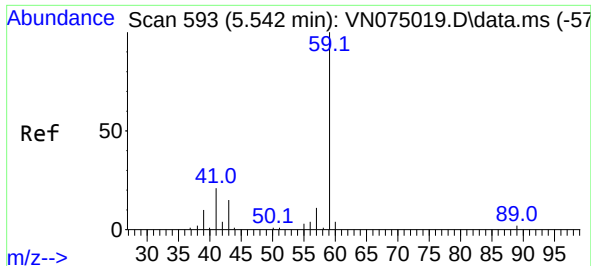
Tgt Ion:168 Resp: 88127
Ion Ratio Lower Upper
168 100
99 66.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 154
Delta R.T. 0.041 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 57.8 71.8 107.6#





#11

Tert butyl alcohol

Concen: 0.296 ug/l

RT: 5.512 min Scan# 512

Delta R.T. -0.030 min

Lab File: VN075138.D

Acq: 03 Nov 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

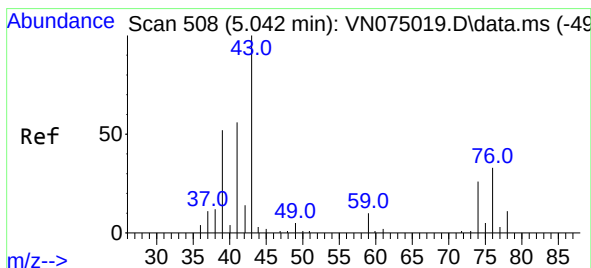
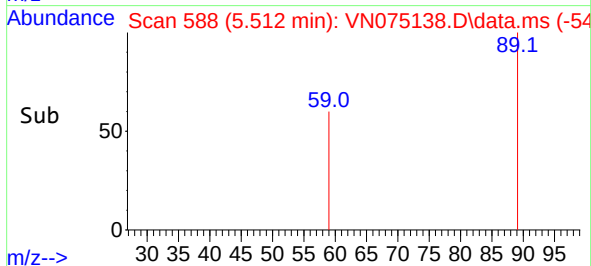
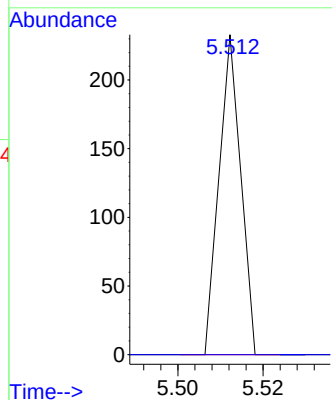
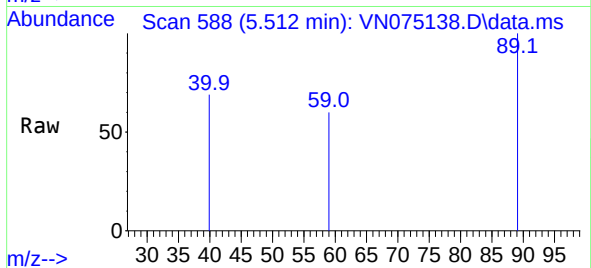
VN1103WBL01

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

Methyl Acetate

Concen: 0.301 ug/l

RT: 5.065 min Scan# 512

Delta R.T. 0.023 min

Lab File: VN075138.D

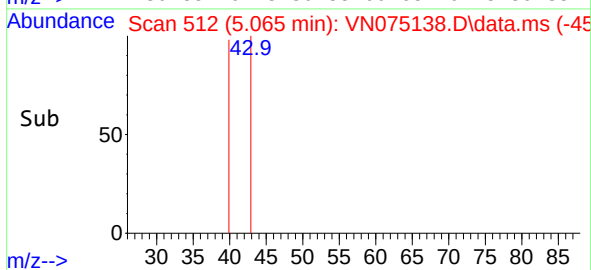
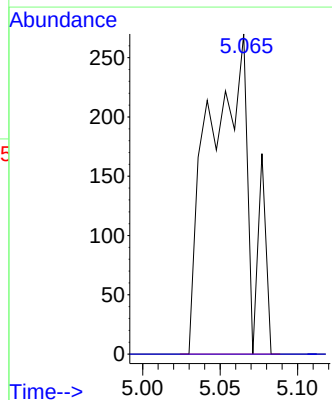
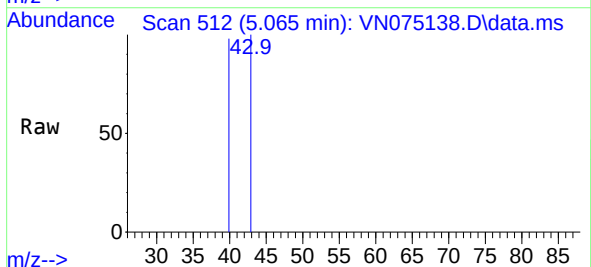
Acq: 03 Nov 2022 12:37

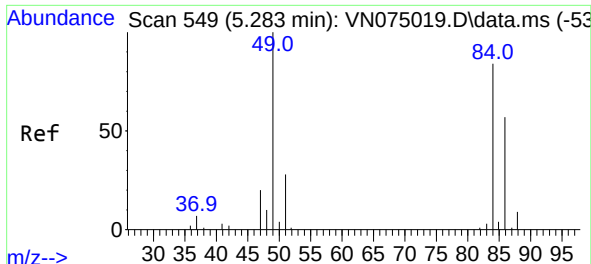
Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

74 0.0 22.0 33.0#



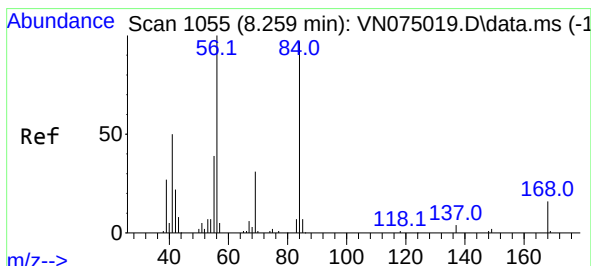
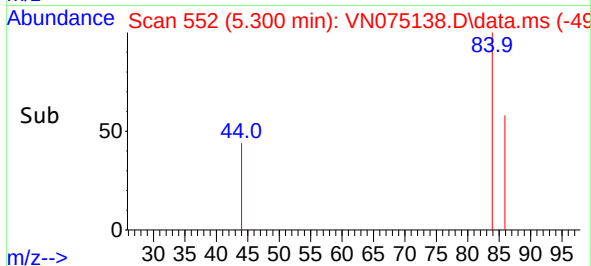
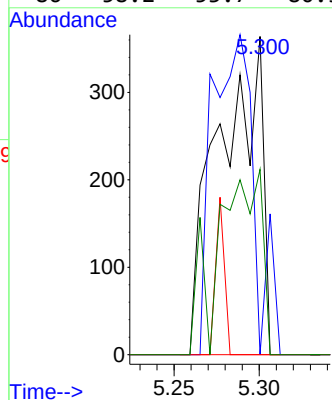
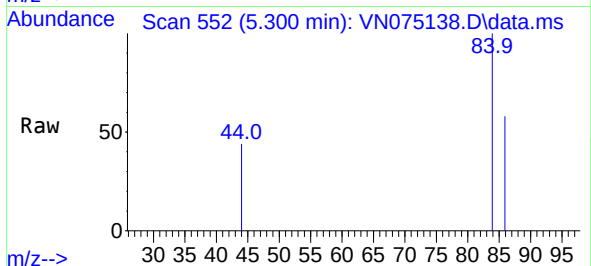


#20
Methylene Chloride
Concen: 0.571 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

Tgt Ion: 84 Resp: 640

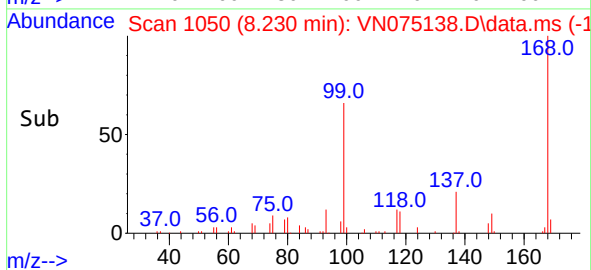
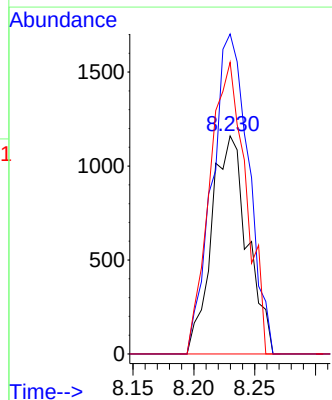
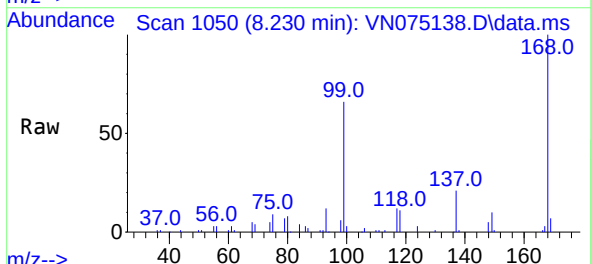
Ion	Ratio	Lower	Upper
84	100		
49	0.0	94.9	142.3#
51	0.0	26.8	40.2#
86	58.2	53.7	80.5

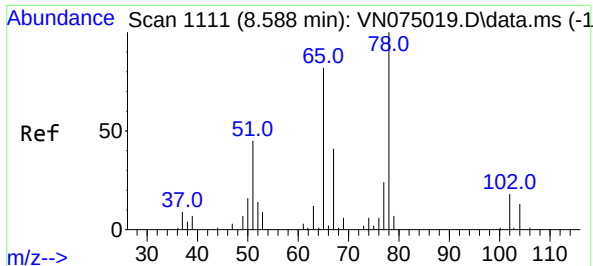


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 56 Resp: 2382

Ion	Ratio	Lower	Upper
56	100		
69	146.7	25.2	37.8#
84	133.7	77.8	116.8#

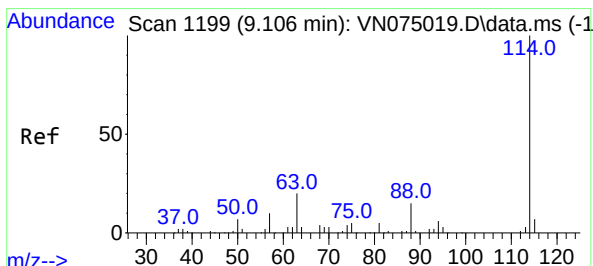
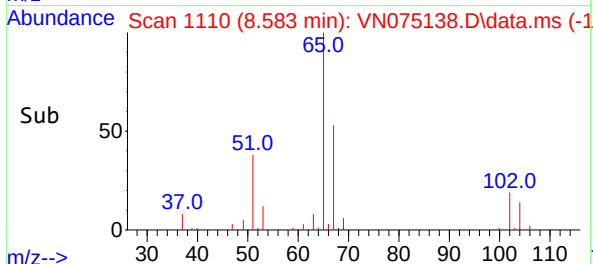
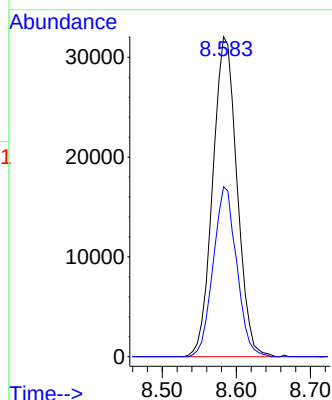
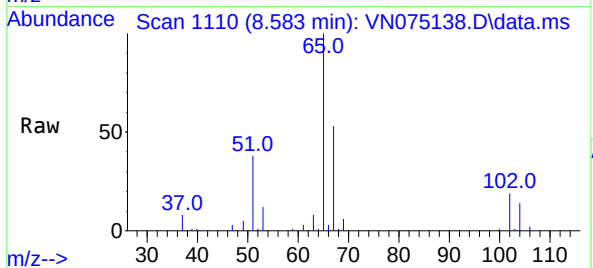




#33
1,2-Dichloroethane-d4
Concen: 61.417 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

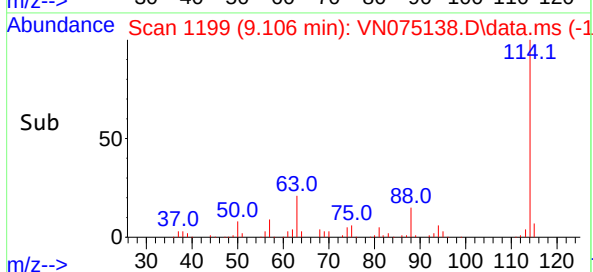
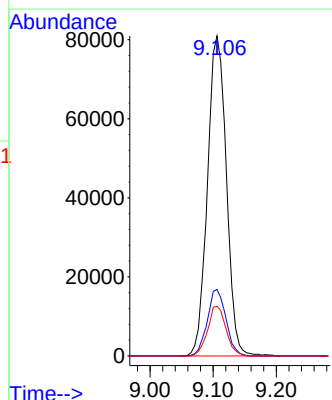
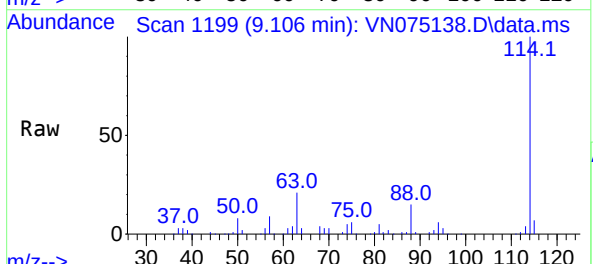
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

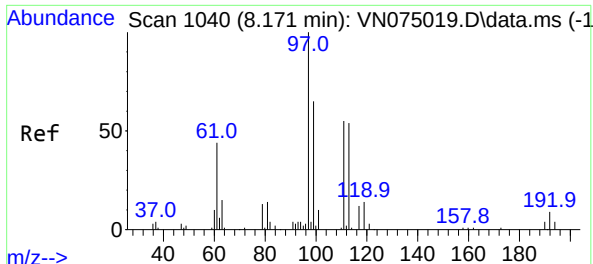
Tgt Ion: 65 Resp: 72927
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 114 Resp: 168674
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 15.5 0.0 29.0

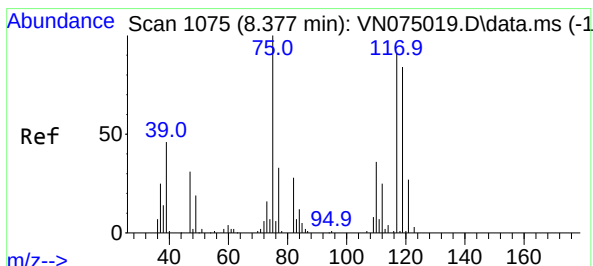
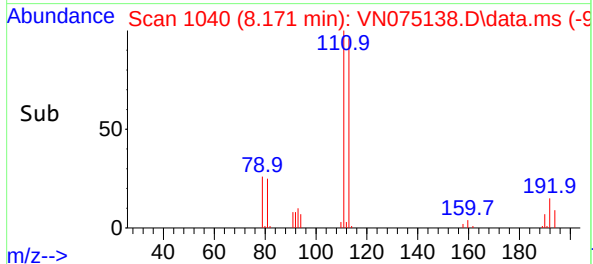
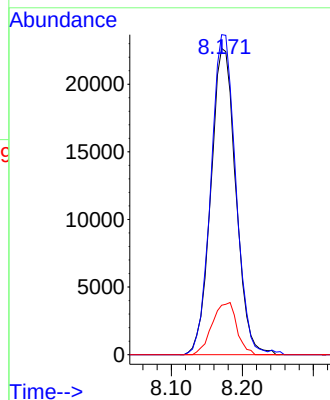
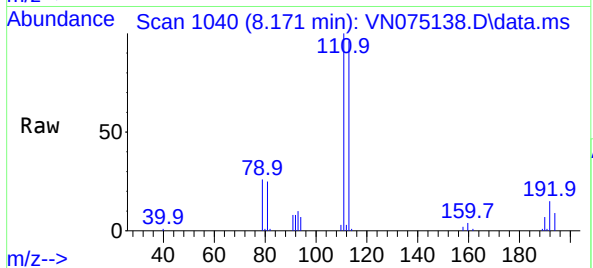




#35
Dibromofluoromethane
Concen: 55.740 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

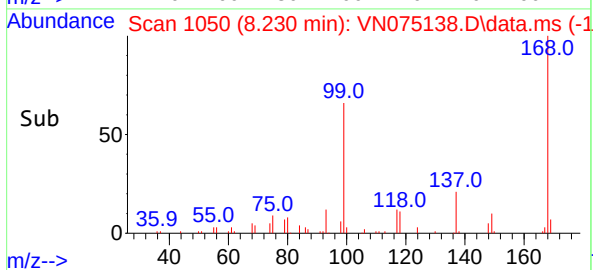
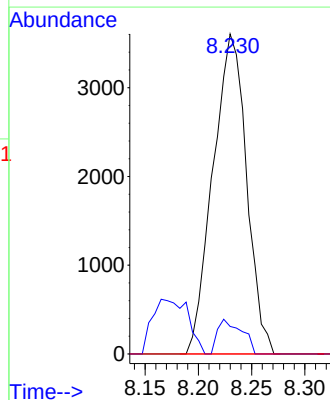
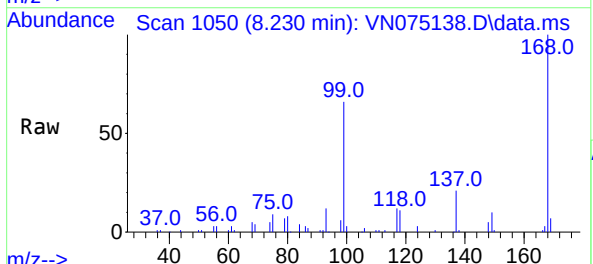
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

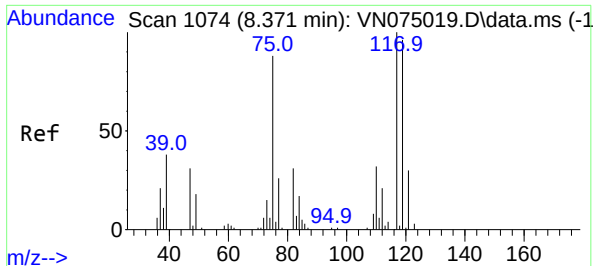
Tgt Ion:113 Resp: 55194
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 16.7 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

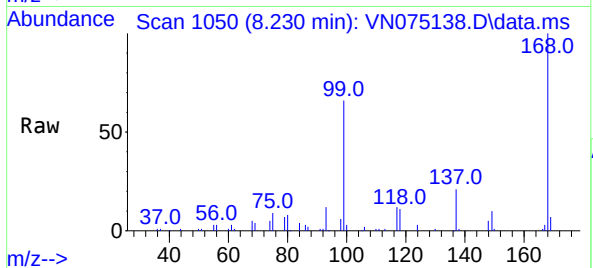
Tgt Ion: 75 Resp: 7921
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 24.6 37.0#



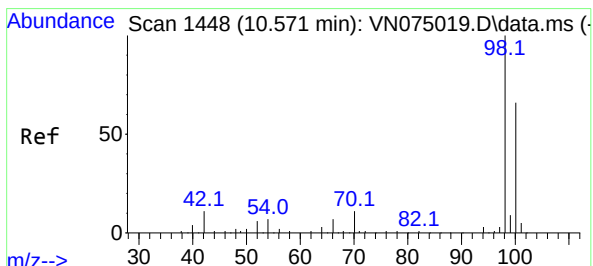
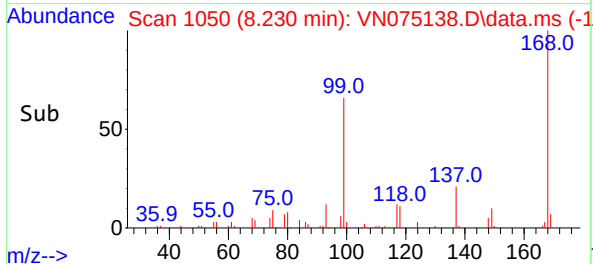
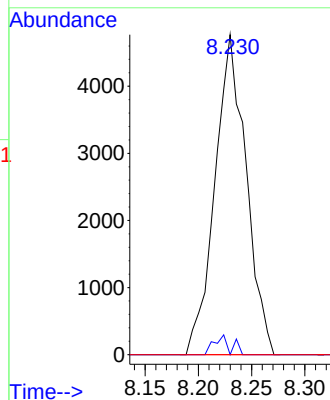


#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.141 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

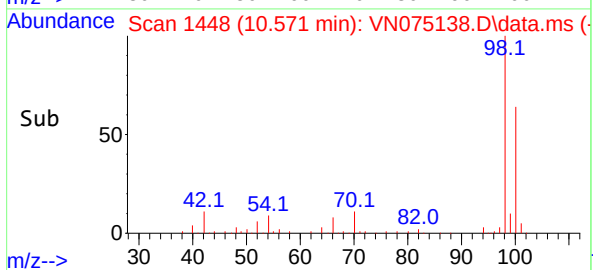
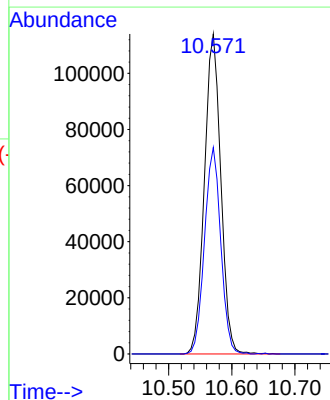
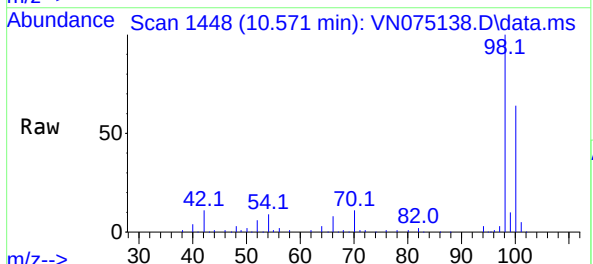


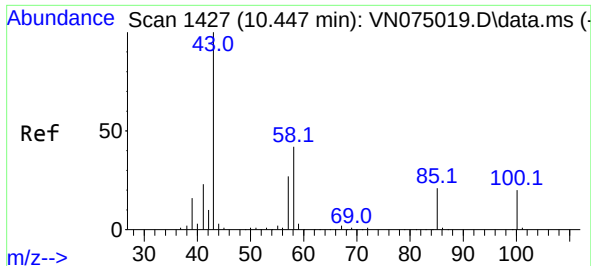
Tgt Ion:117 Resp: 9728
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.456 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 98 Resp: 205364
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.6

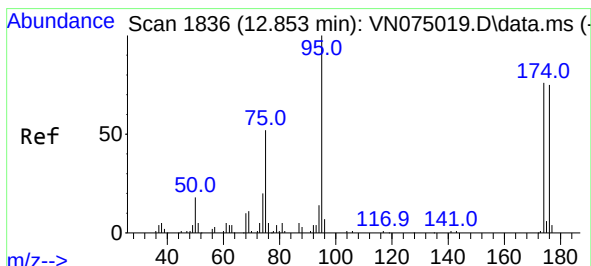
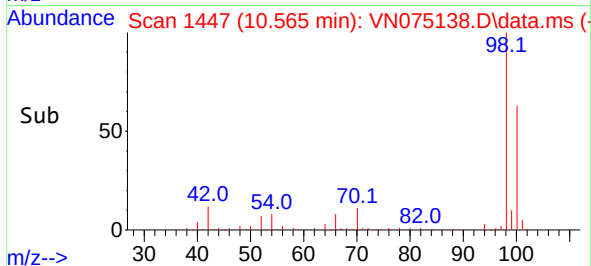
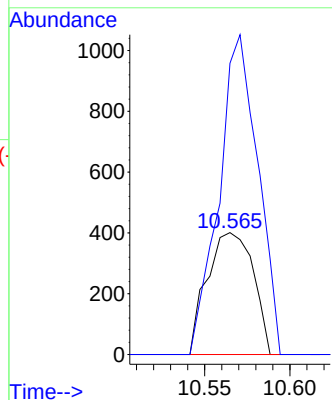
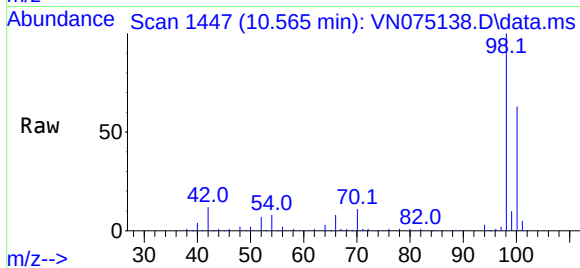




#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

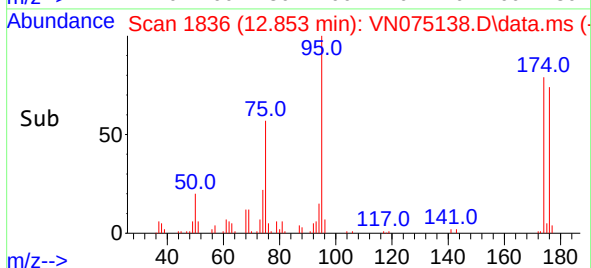
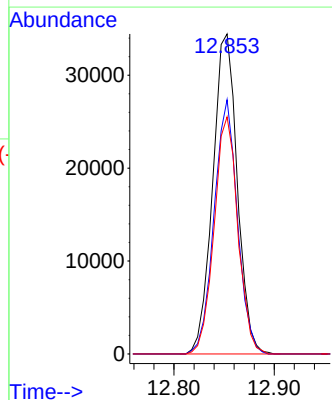
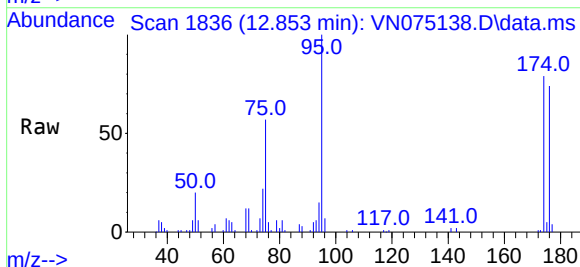
Instrument :
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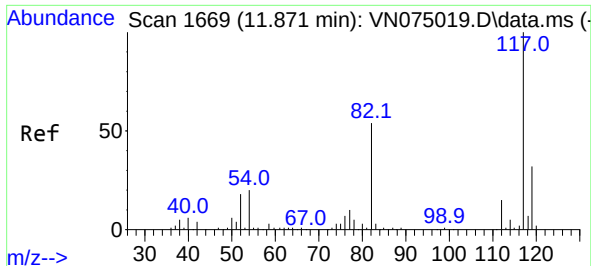
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 221.6 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 43.337 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 95 Resp: 58484
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 71.6 0.0 142.2

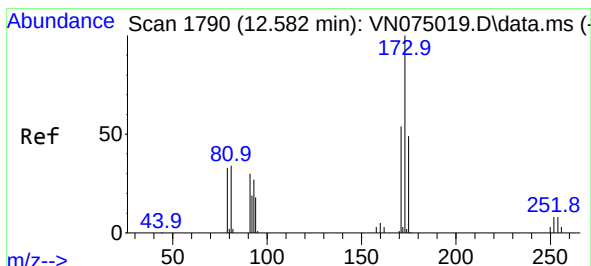
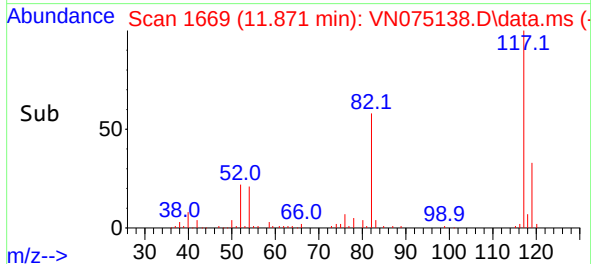
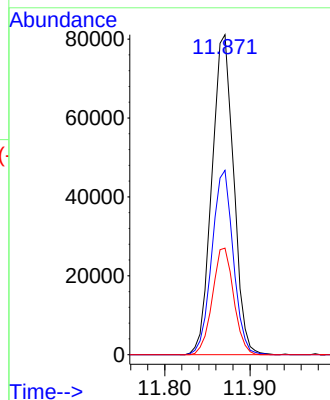
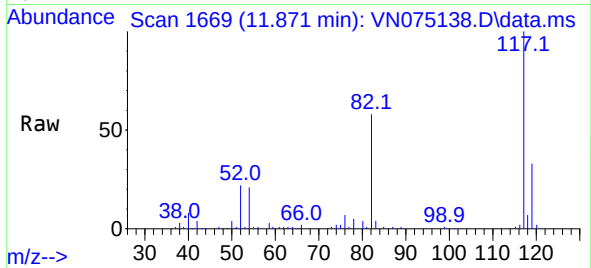




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

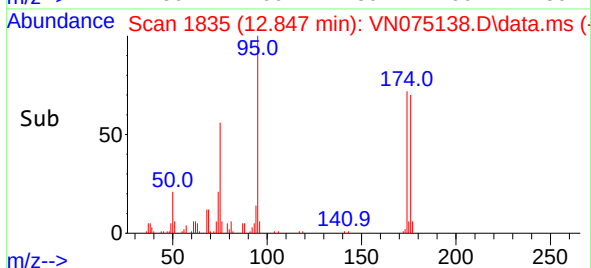
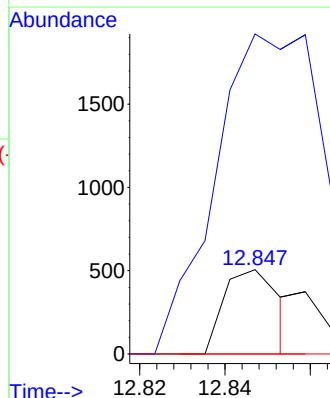
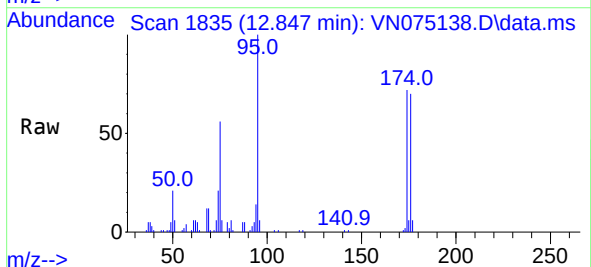
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

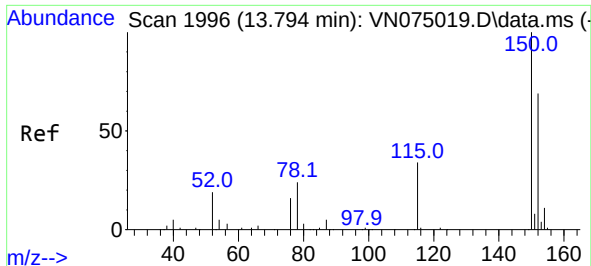
Tgt Ion:117 Resp: 143991
Ion Ratio Lower Upper
117 100
82 57.6 43.1 64.7
119 33.3 25.5 38.3



#71
Bromoform
Concen: 0.535 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion:173 Resp: 457
Ion Ratio Lower Upper
173 100
175 498.5 24.6 74.0#
254 0.0 0.0 0.0

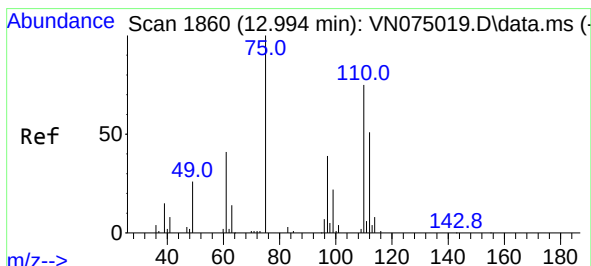
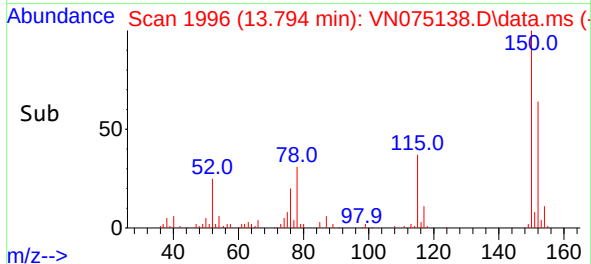
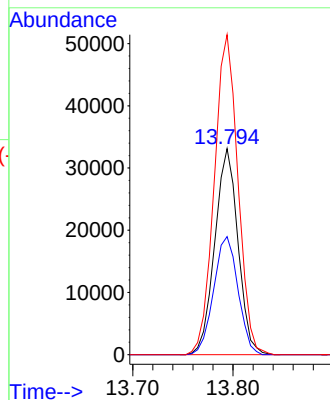
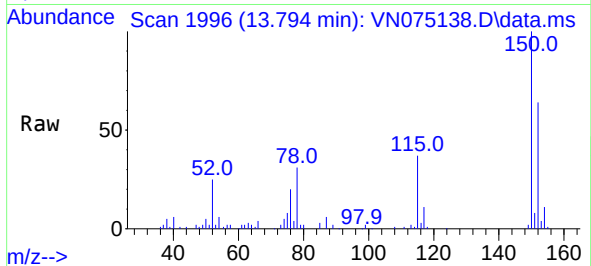




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

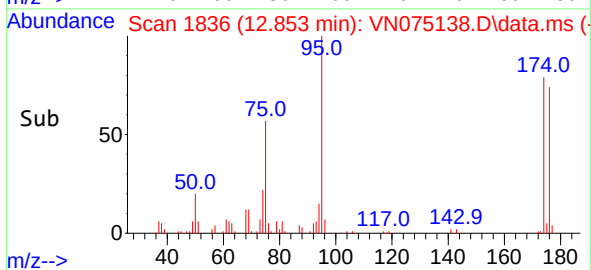
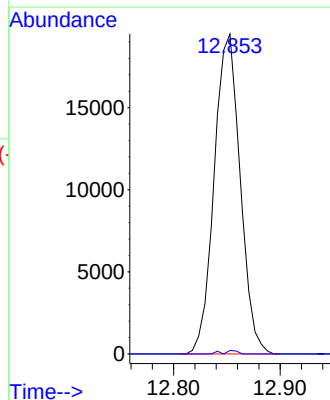
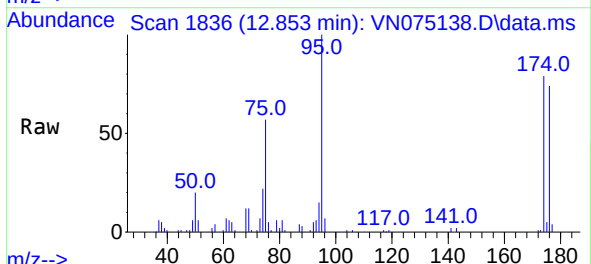
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

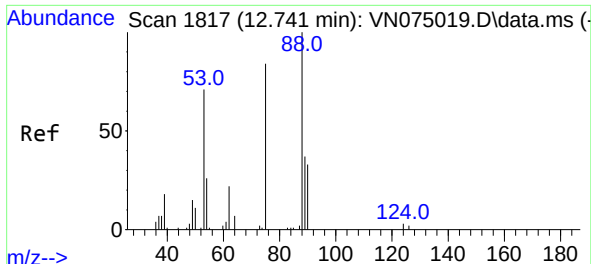
Tgt Ion:152 Resp: 53172
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 158.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 29.240 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 75 Resp: 33012
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#

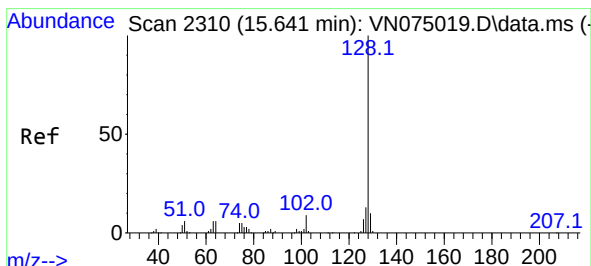
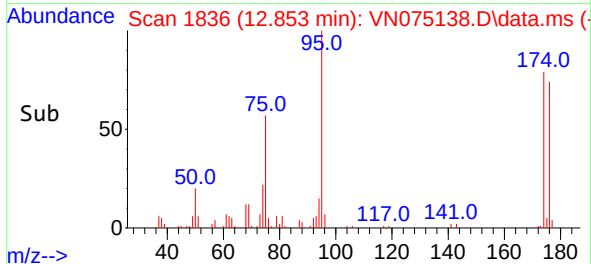
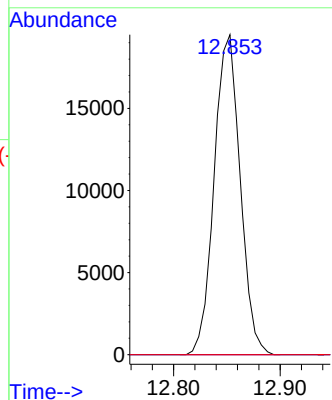
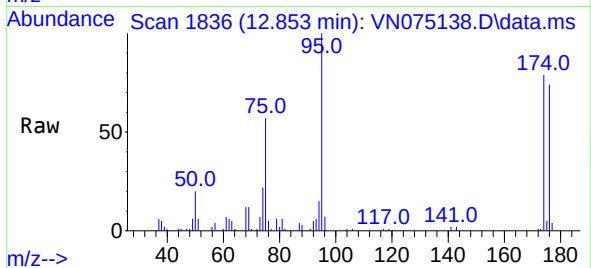




#81
trans-1,4-Dichloro-2-butene
Concen: 75.060 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL01

Tgt Ion: 75 Resp: 33012
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.317 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075138.D
Acq: 03 Nov 2022 12:37

Tgt Ion: 128 Resp: 960
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

