

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076112.D
 Acq On : 05 Jan 2023 15:39
 Operator : JC\MD
 Sample : 01003-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 05 23:50:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

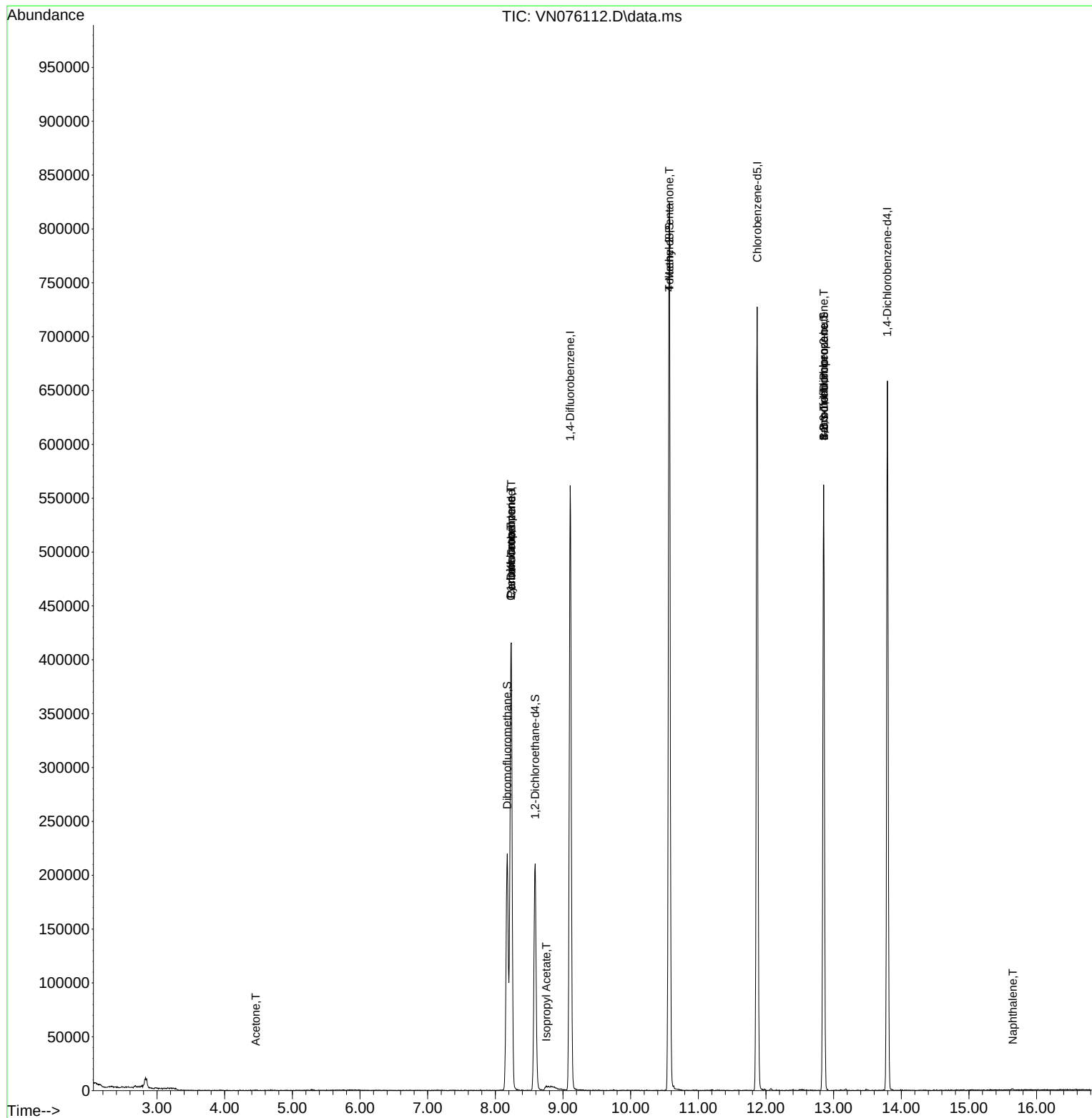
Internal Standards						
1) Pentafluorobenzene	8.235	168	330220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170686	47.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.177	113	155544	48.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	10.571	98	593837	49.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.940%		
62) 4-Bromofluorobenzene	12.853	95	186636	47.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	452	0.365	ug/l #	39
20) Methylene Chloride	5.300	84	220	Below Cal	#	57
31) Cyclohexane	8.230	56	6272	1.219	ug/l #	9
36) 1,1-Dichloropropene	8.230	75	22552	5.342	ug/l #	49
38) Carbon Tetrachloride	8.235	117	31575	6.682	ug/l #	16
43) Isopropyl Acetate	8.753	43	2492	0.445	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2286	0.676	ug/l #	1
71) Bromoform	12.853	173	1534	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93698	25.467	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93698	91.667	ug/l #	12
95) Naphthalene	15.647	128	1765	2.347	ug/l #	77

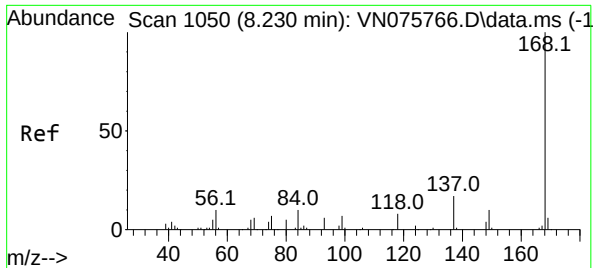
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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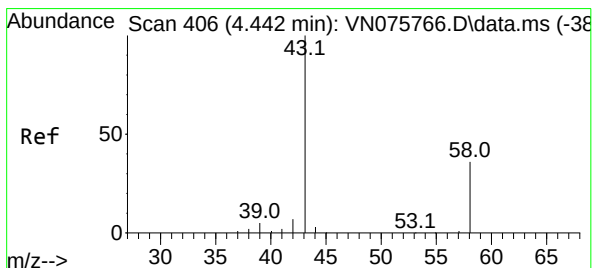
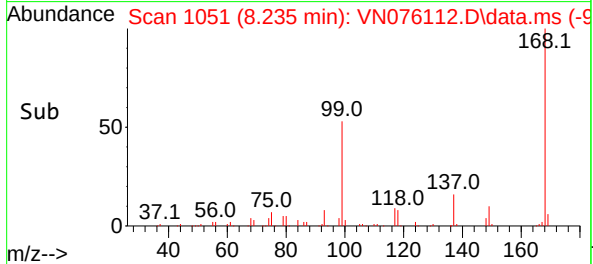
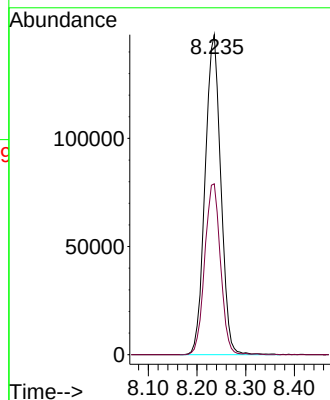
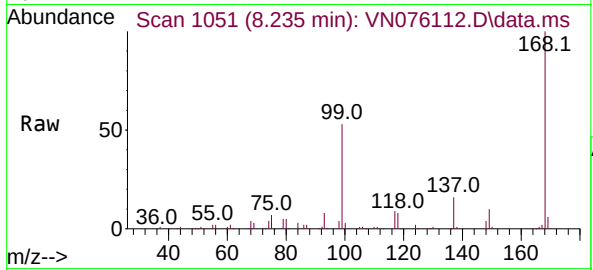




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

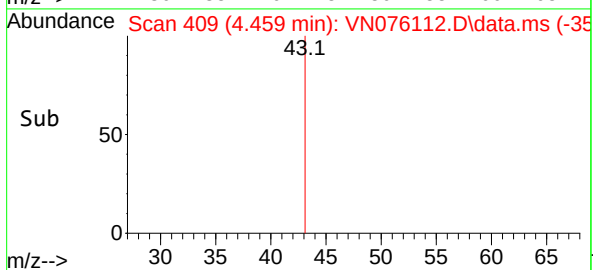
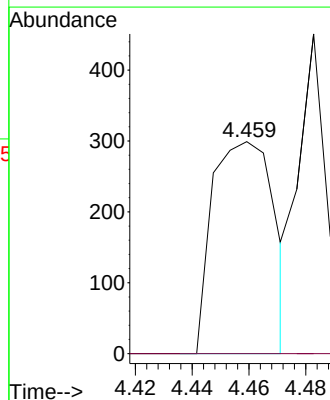
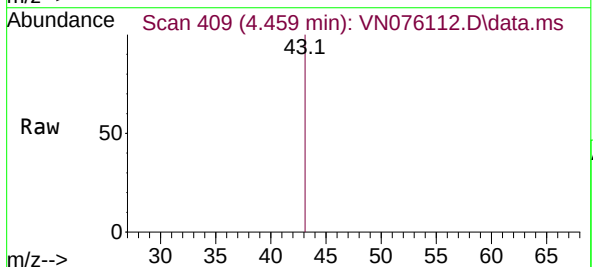
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

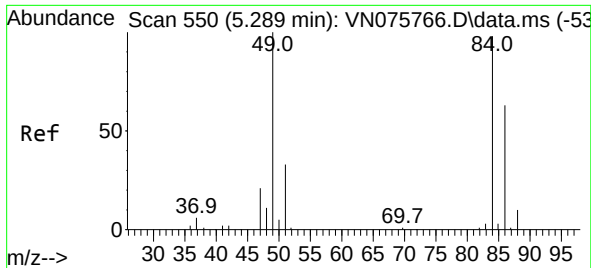
Tgt Ion:168 Resp: 330220
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 0.365 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

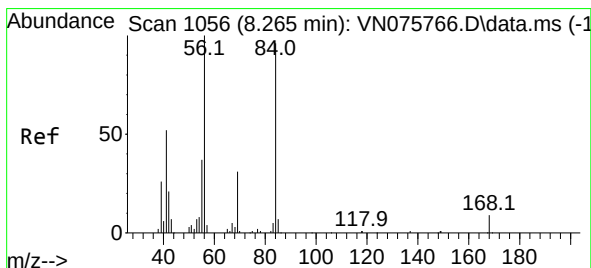
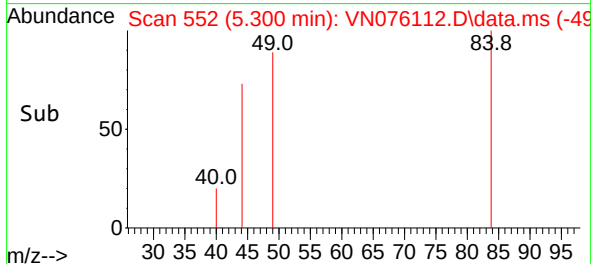
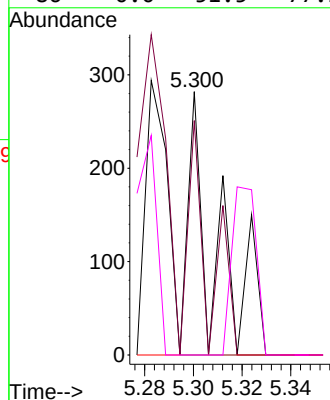
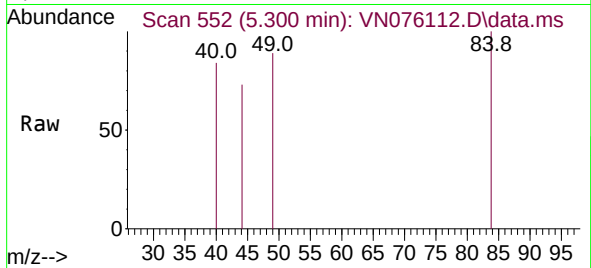




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

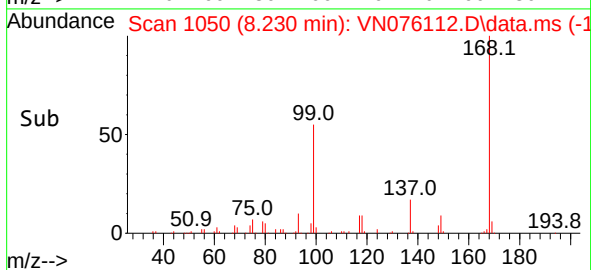
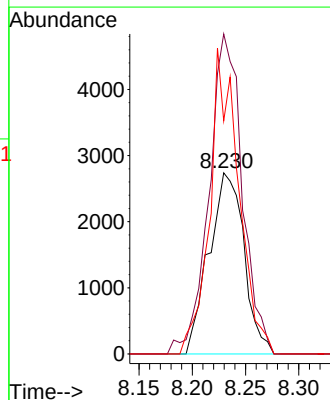
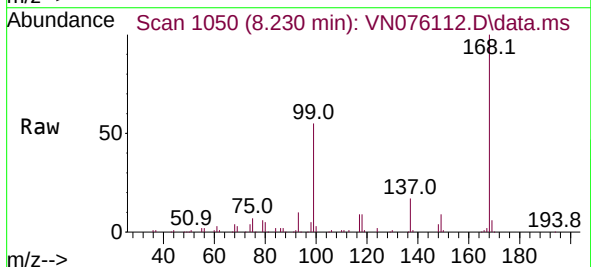
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

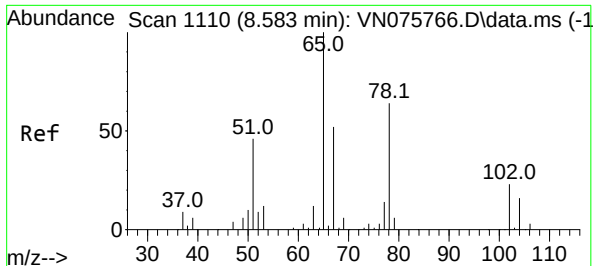
Tgt Ion: 84 Resp: 220
Ion Ratio Lower Upper
84 100
49 89.0 81.8 122.6
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 56 Resp: 6272
Ion Ratio Lower Upper
56 100
69 176.7 24.7 37.1#
84 128.7 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.512 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

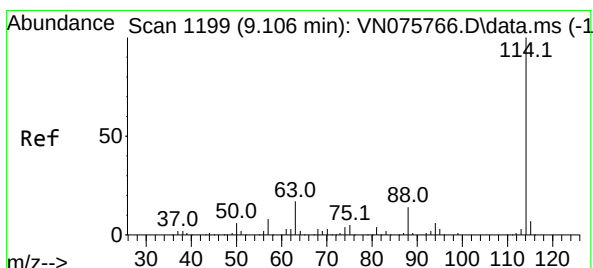
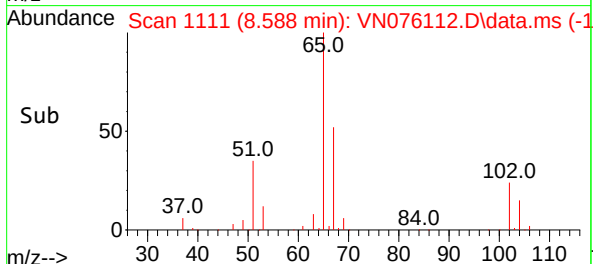
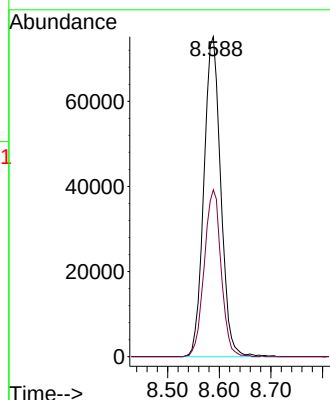
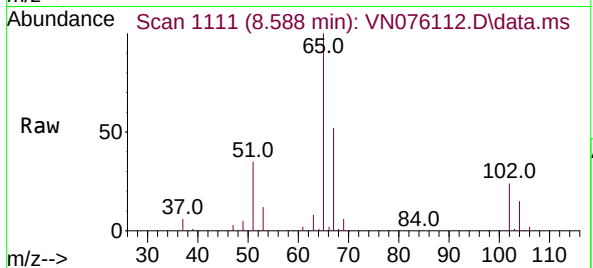
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 170686

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

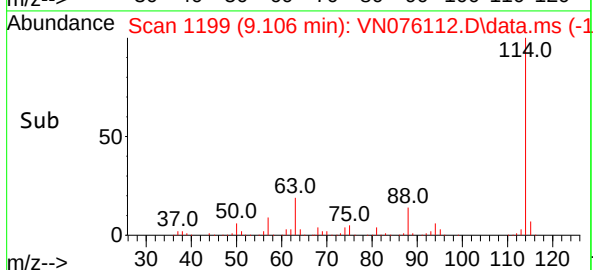
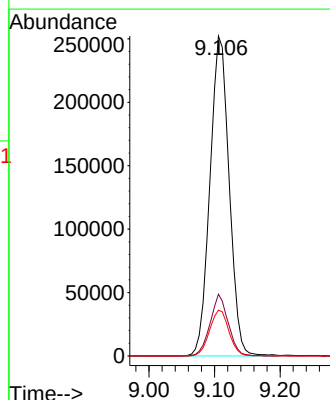
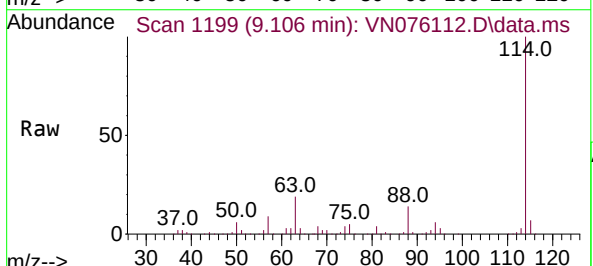
Tgt Ion: 114 Resp: 513195

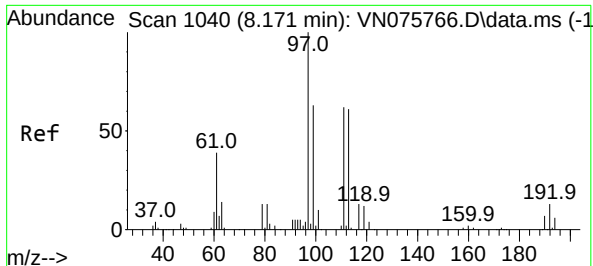
Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.4

88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

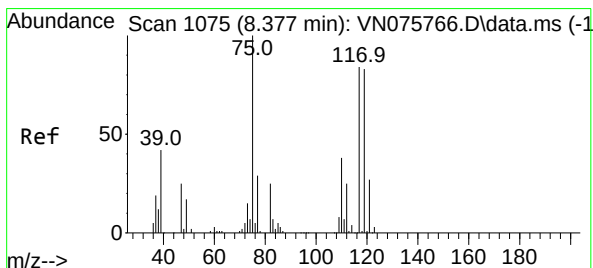
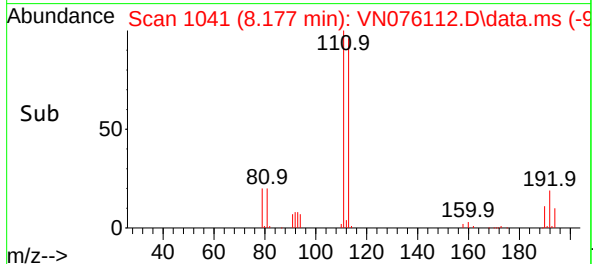
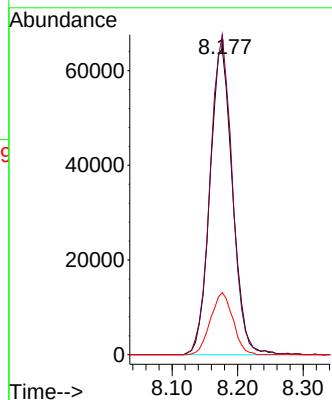
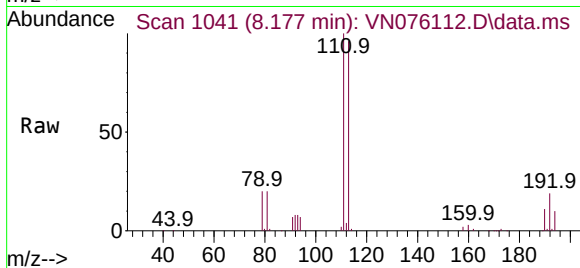
Tgt Ion:113 Resp: 155544

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 20.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.342 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

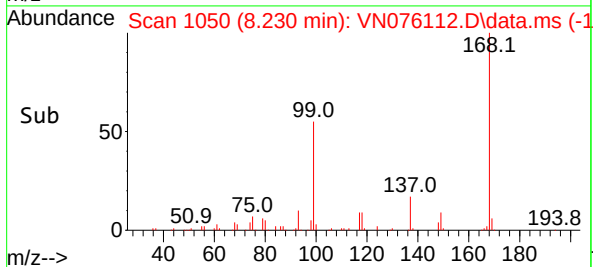
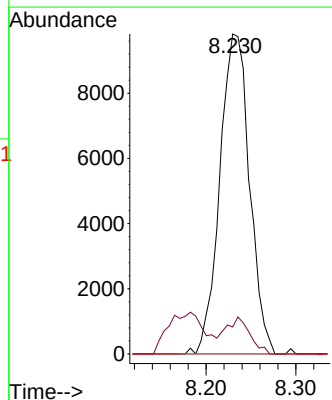
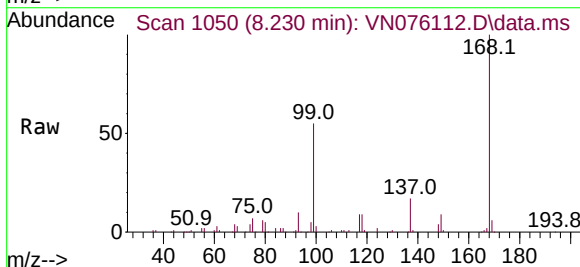
Tgt Ion: 75 Resp: 22552

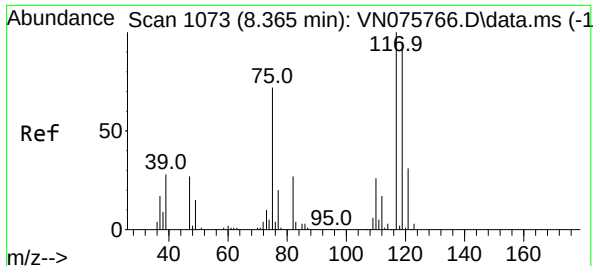
Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

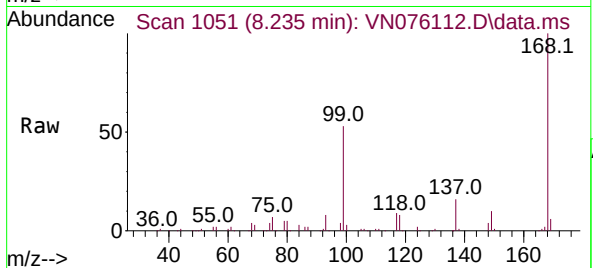
77 0.0 24.1 36.1#



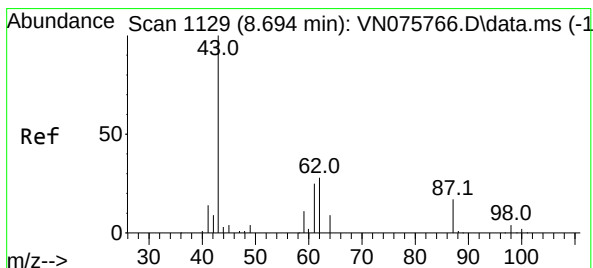
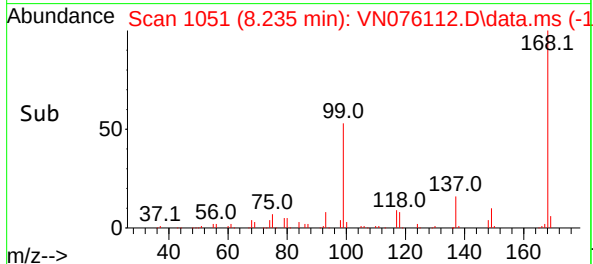
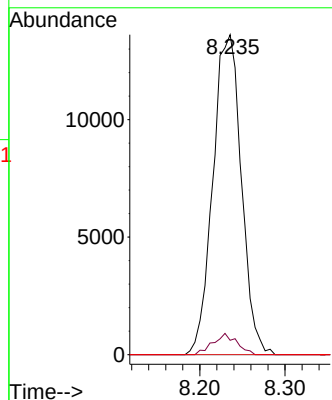


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.129 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

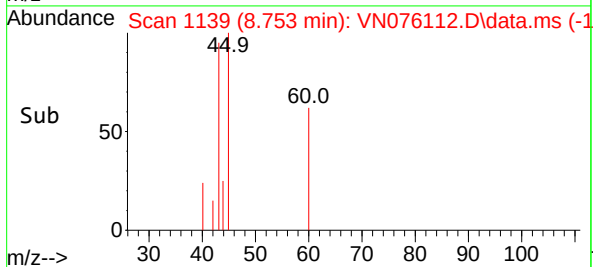
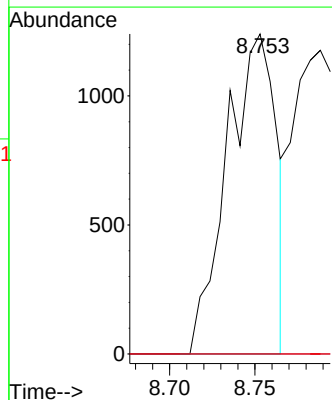
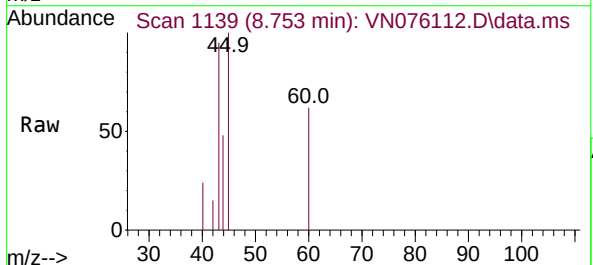


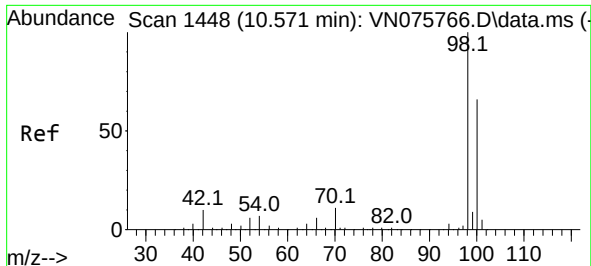
Tgt Ion:117 Resp: 31575
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.445 ug/l
RT: 8.753 min Scan# 1139
Delta R.T. 0.059 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

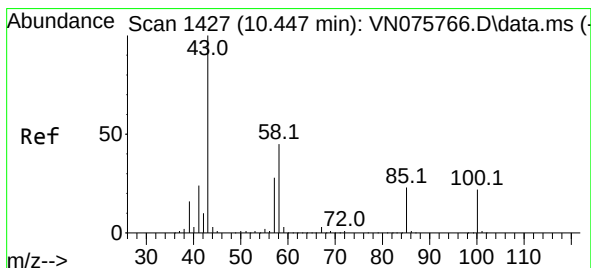
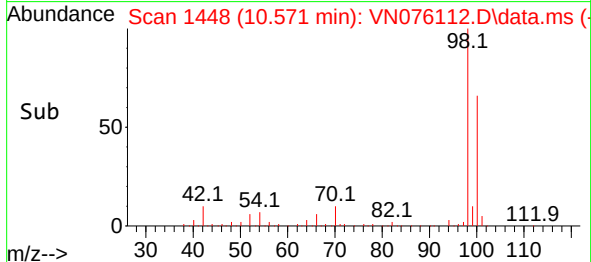
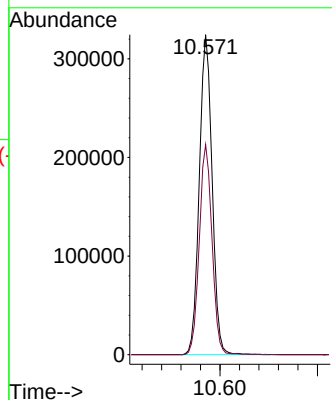
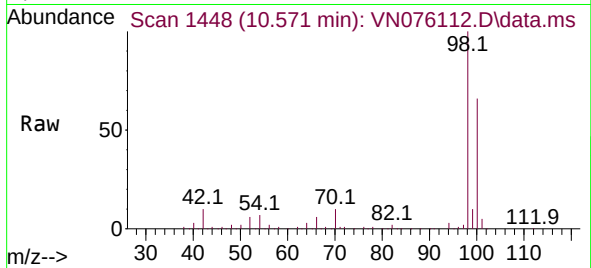




#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

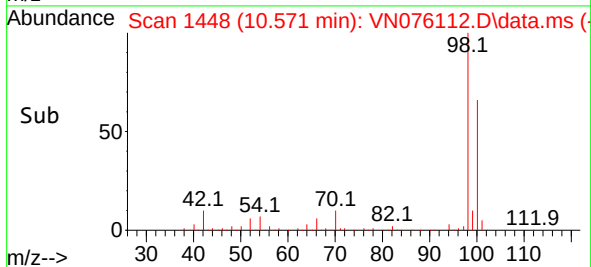
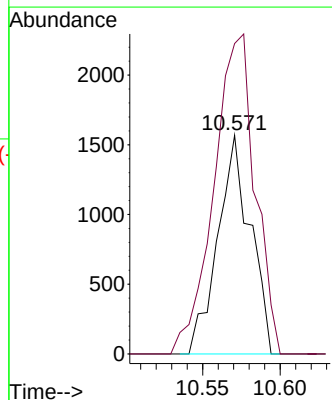
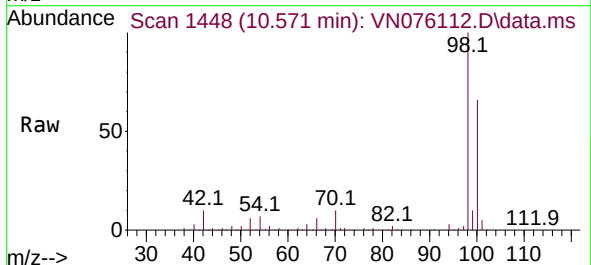
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

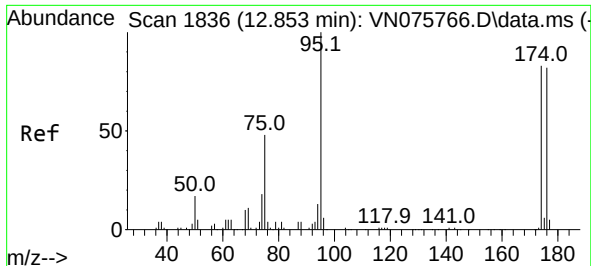
Tgt Ion: 98 Resp: 593837
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.676 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
58 185.5 35.5 53.3#

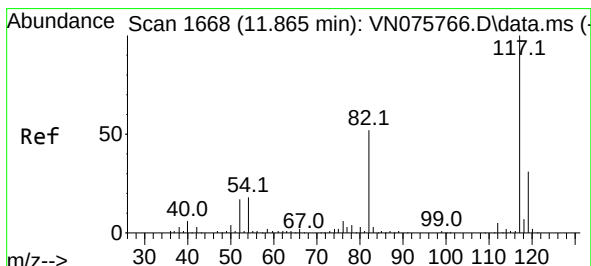
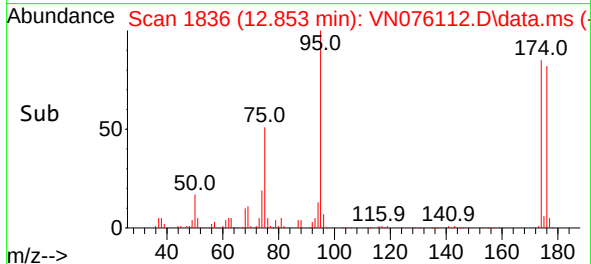
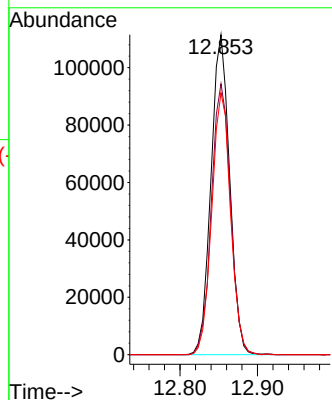
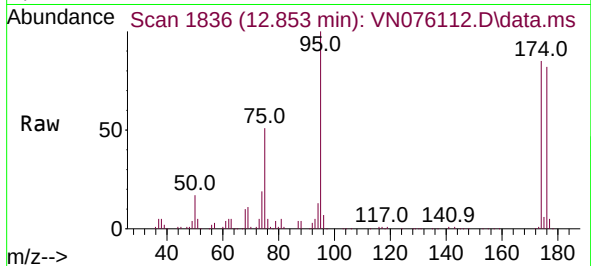




#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

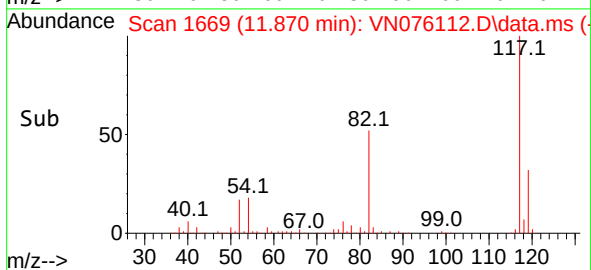
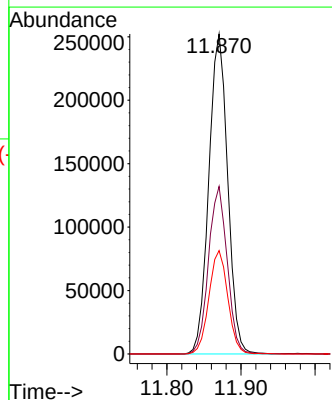
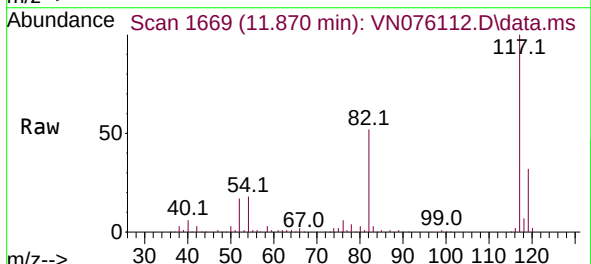
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

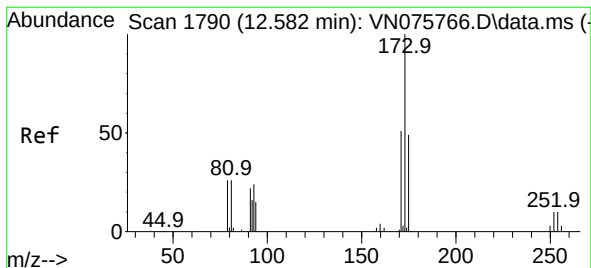
Tgt Ion: 95 Resp: 186636
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 82.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Tgt Ion: 117 Resp: 445858
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.3 24.6 37.0





#71

Bromoform

Concen: 0.622 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN076112.D

Acq: 05 Jan 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

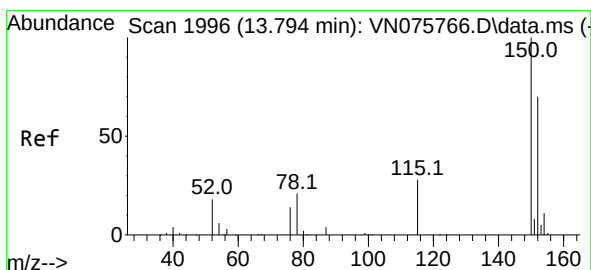
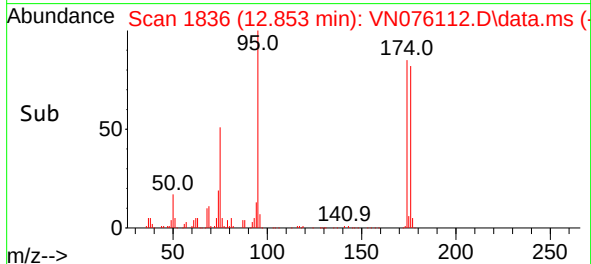
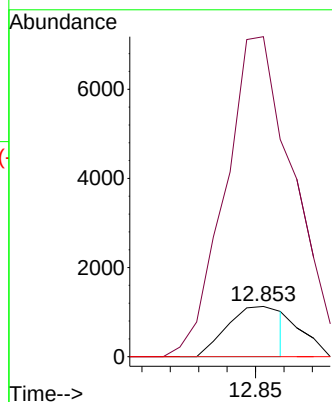
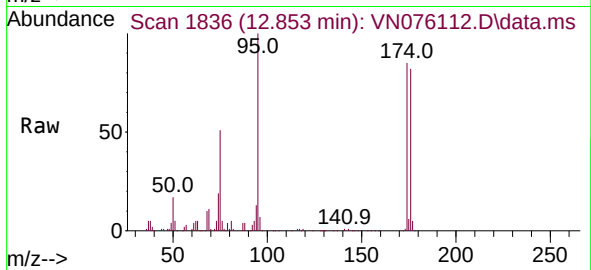
Tgt Ion:173 Resp: 1534

Ion Ratio Lower Upper

173 100

175 621.0 24.3 72.8#

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: VN076112.D

Acq: 05 Jan 2023 15:39

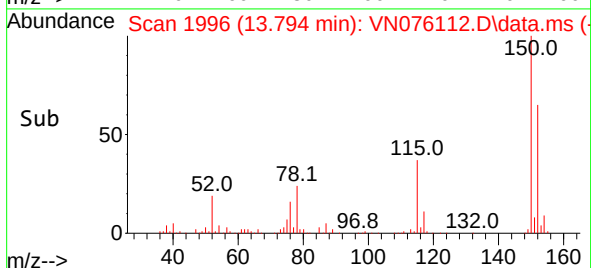
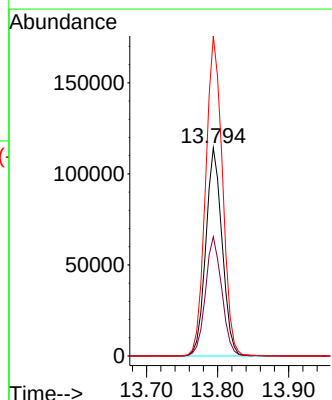
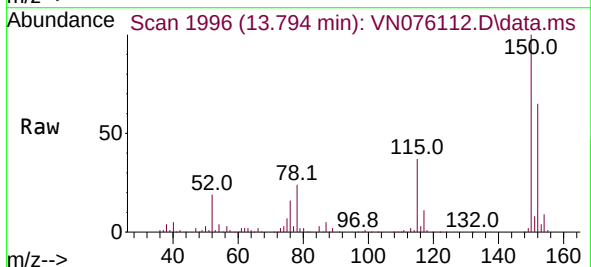
Tgt Ion:152 Resp: 182525

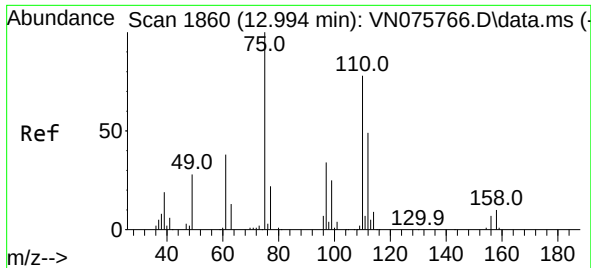
Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.4

150 158.5 0.0 347.0

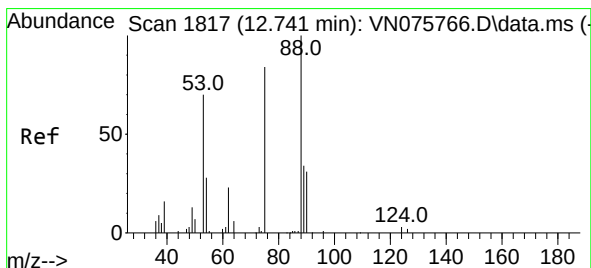
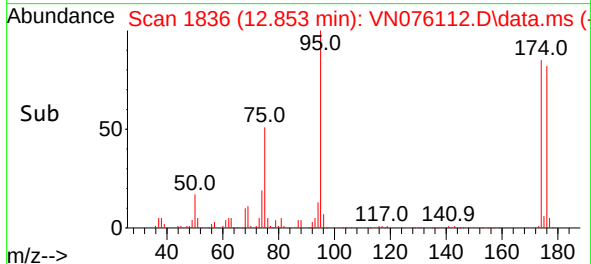
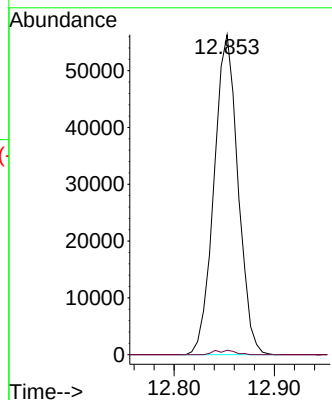
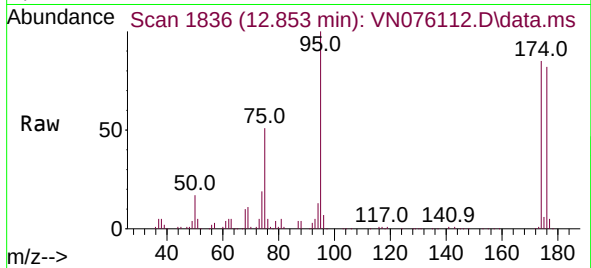




#76
1,2,3-Trichloropropane
Concen: 25.467 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

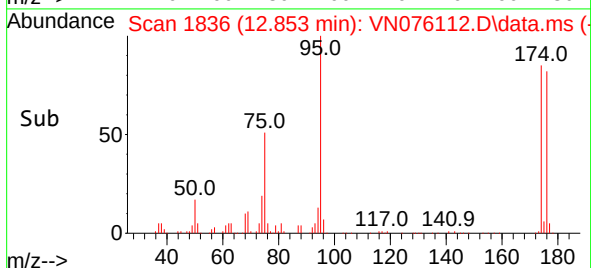
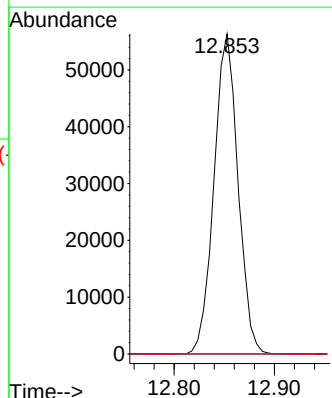
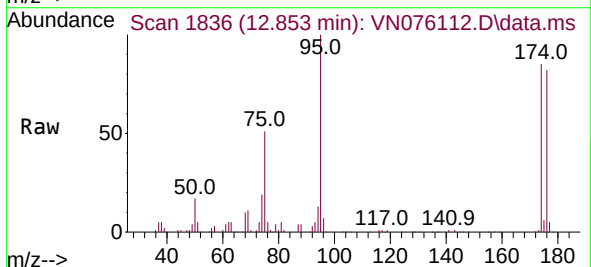
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

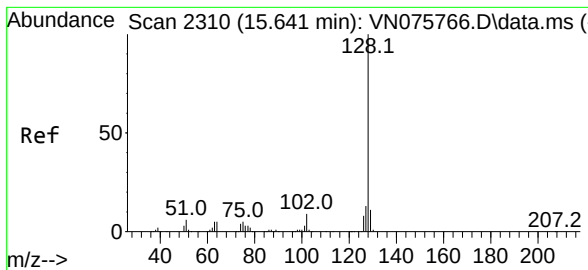
Tgt Ion: 75 Resp: 93698
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.667 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

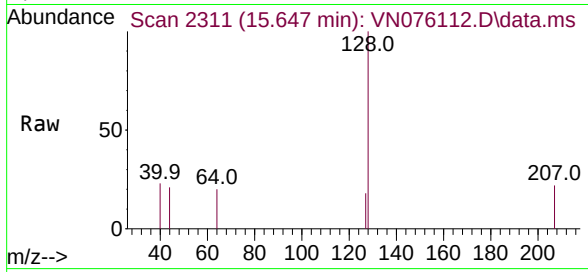
Tgt Ion: 75 Resp: 93698
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.347 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076112.D
Acq: 05 Jan 2023 15:39

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	128	Resp:	1765
Ion	Ratio	Lower	Upper
128	100		
127	3.3	10.4	15.6#
129	3.1	8.7	13.1#

