

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076151.D
 Acq On : 09 Jan 2023 13:16
 Operator : JC\MD
 Sample : 01078-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 10 01:05:19 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)

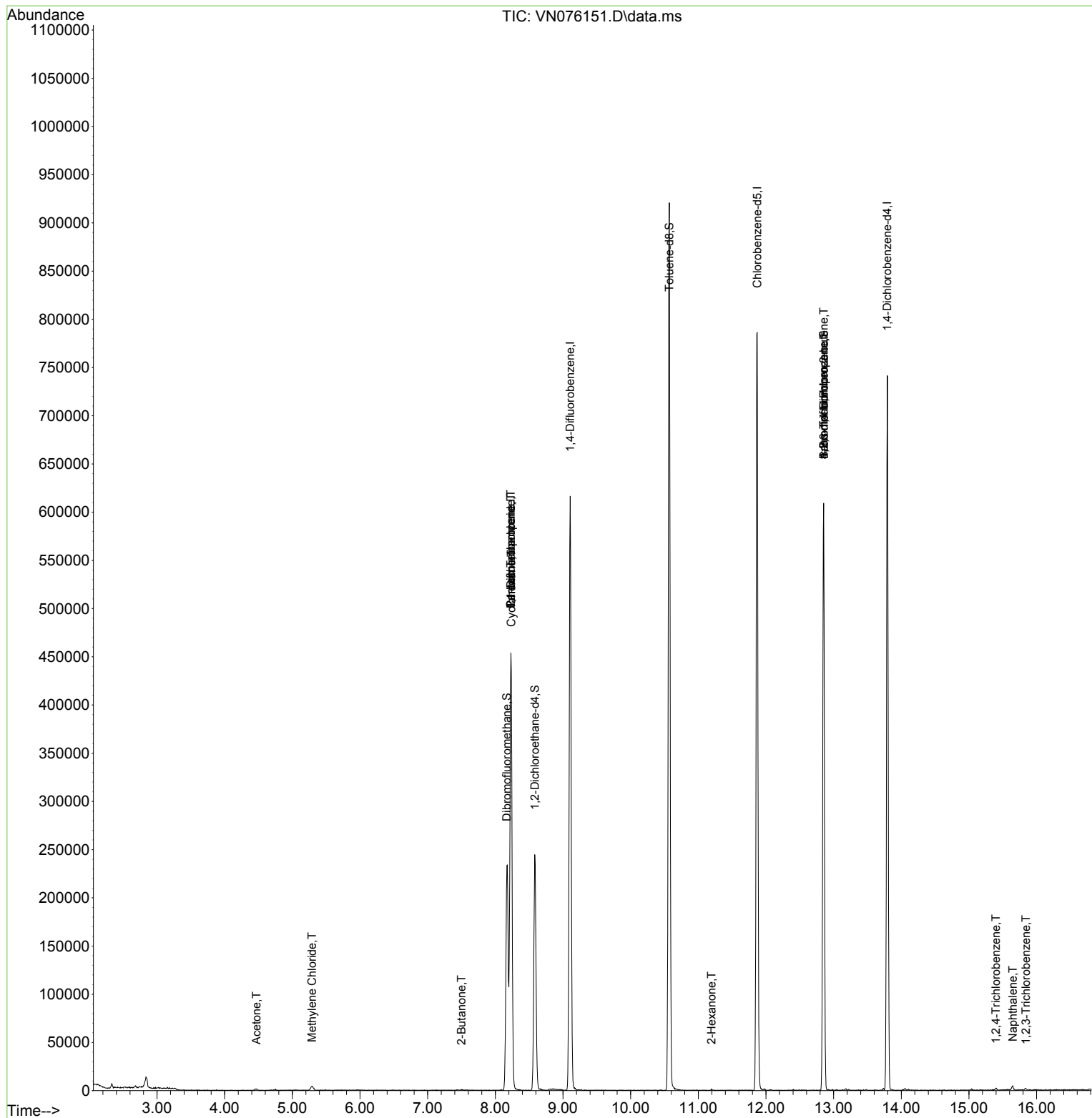
Internal Standards						
1) Pentafluorobenzene	8.230	168	349520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	559149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	486380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	197368	51.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	8.171	113	168812	48.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	10.571	98	657103	50.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.853	95	202290	47.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.340%			
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	2600	1.984	ug/l	99
20) Methylene Chloride	5.289	84	3636	0.402	ug/l #	77
25) 2-Butanone	7.500	43	1155	0.629	ug/l #	40
31) Cyclohexane	8.235	56	7059	1.296	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	25751	5.598	ug/l #	49
38) Carbon Tetrachloride	8.230	117	36907	7.169	ug/l #	15
59) 2-Hexanone	11.194	43	772	0.287	ug/l	66
71) Bromoform	12.853	173	1730	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	103946	25.271	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	103946	90.963	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	1033	0.307	ug/l #	77
95) Naphthalene	15.647	128	4290	2.547	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	953	0.303	ug/l #	86

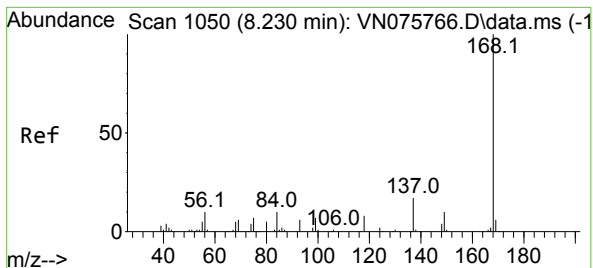
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

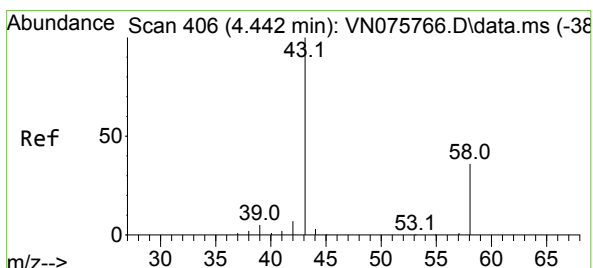
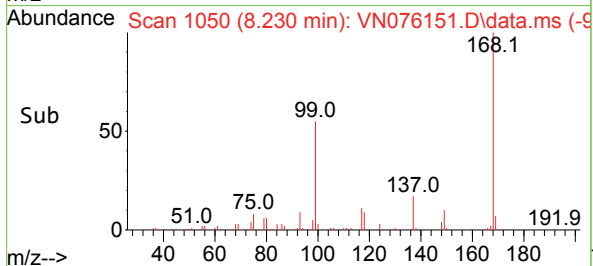
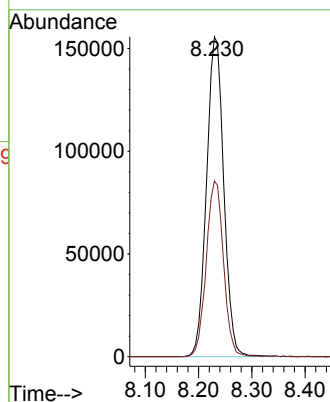
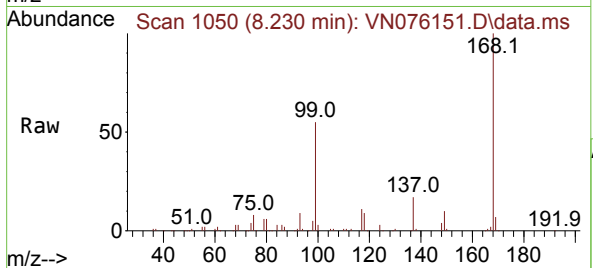
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 349520

Ion Ratio Lower Upper

168 100

99 54.9 44.2 66.4



#16

Acetone

Concen: 1.984 ug/l

RT: 4.471 min Scan# 411

Delta R.T. 0.029 min

Lab File: VN076151.D

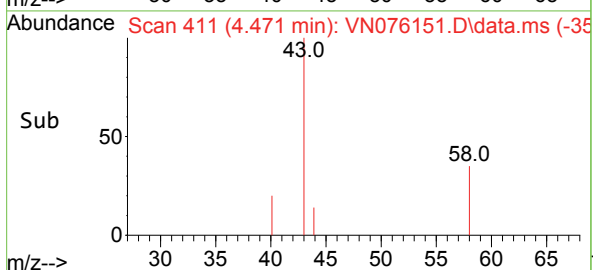
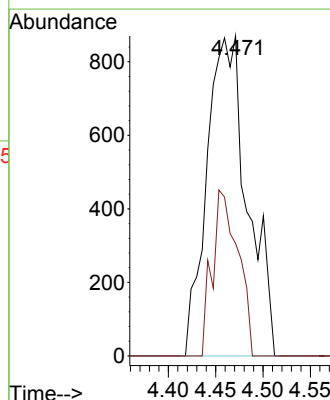
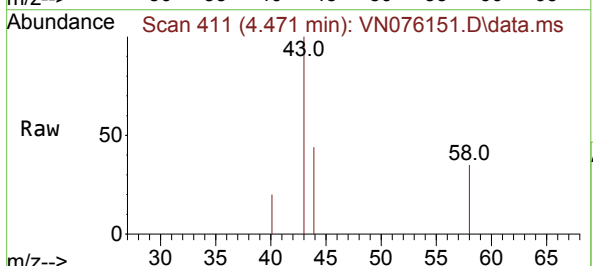
Acq: 09 Jan 2023 13:16

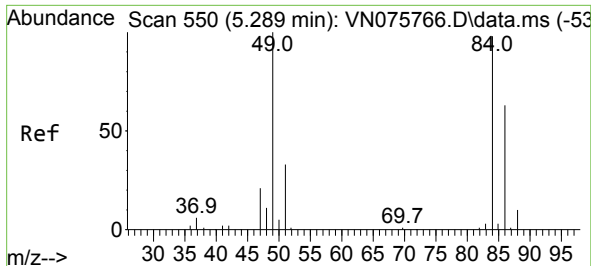
Tgt Ion: 43 Resp: 2600

Ion Ratio Lower Upper

43 100

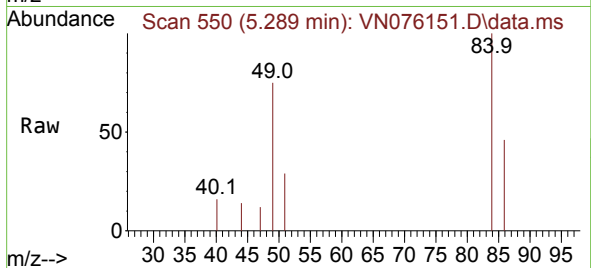
58 35.2 28.6 43.0





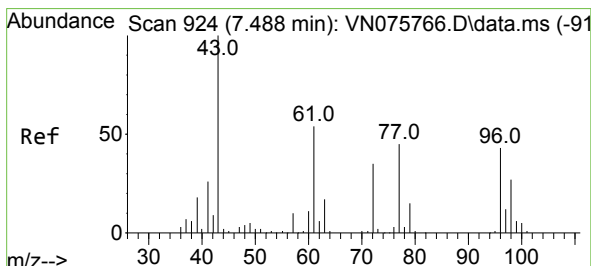
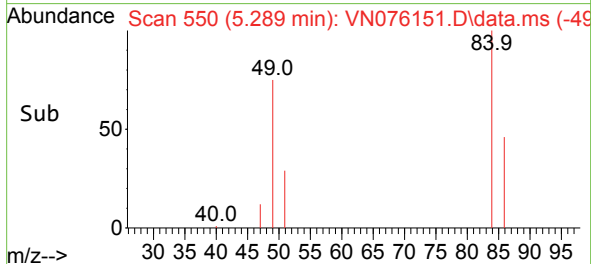
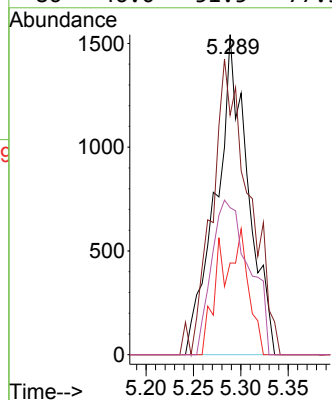
#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

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



Tgt Ion: 84 Resp: 3636

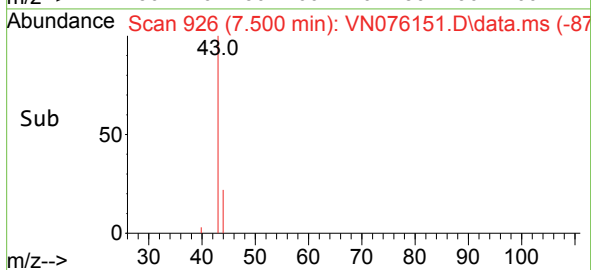
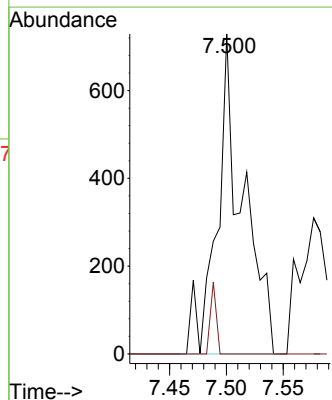
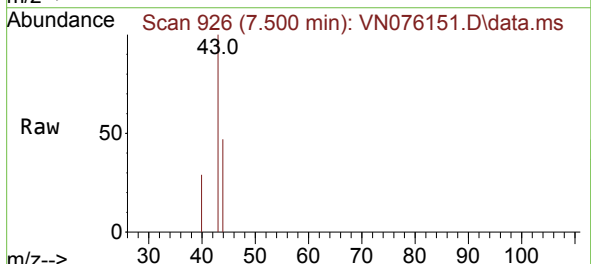
Ion	Ratio	Lower	Upper
84	100		
49	74.8	81.8	122.6#
51	28.7	26.7	40.1
86	46.0	51.5	77.3#

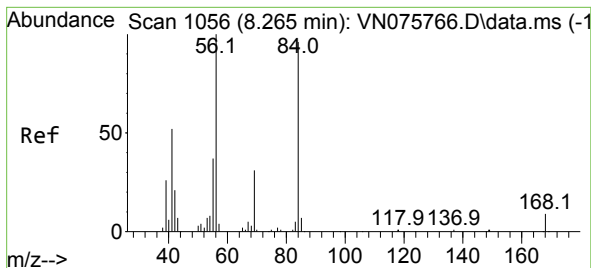


#25
2-Butanone
Concen: 0.629 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

Tgt Ion: 43 Resp: 1155

Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.0	42.0#





#31

Cyclohexane

Concen: 1.296 ug/l

RT: 8.235 min Scan# 1056

Delta R.T. -0.029 min

Lab File: VN076151.D

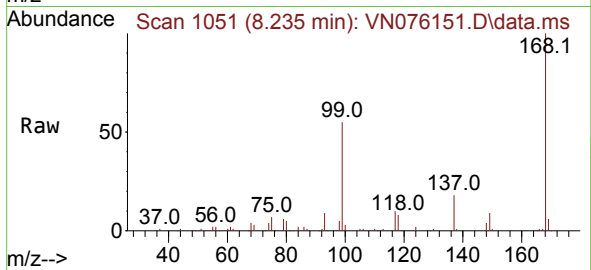
Acq: 09 Jan 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



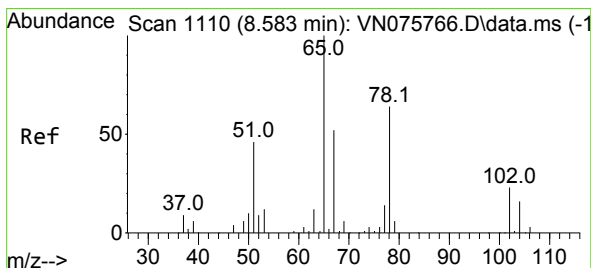
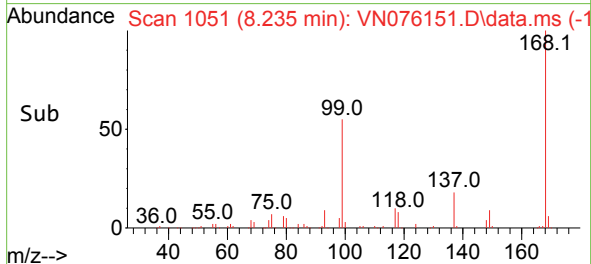
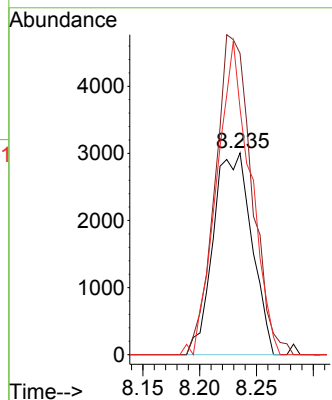
Tgt Ion: 56 Resp: 7059

Ion Ratio Lower Upper

56 100

69 149.3 24.7 37.1#

84 122.1 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 51.905 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076151.D

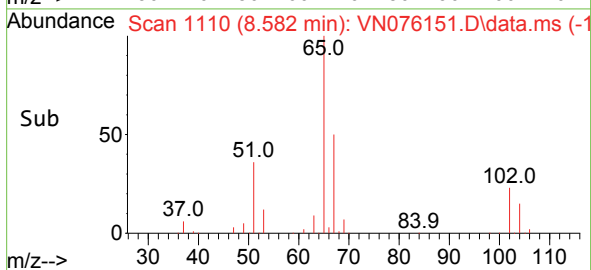
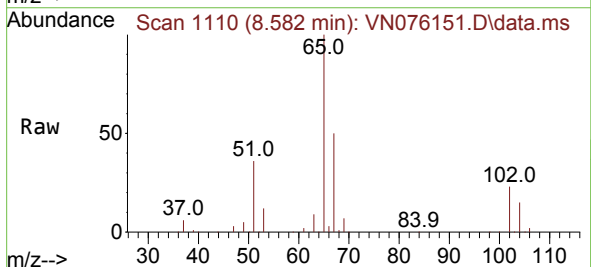
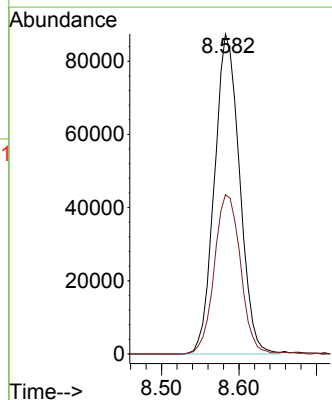
Acq: 09 Jan 2023 13:16

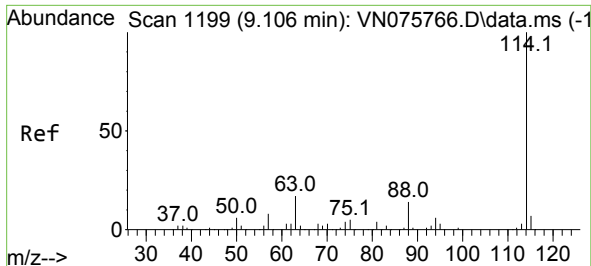
Tgt Ion: 65 Resp: 197368

Ion Ratio Lower Upper

65 100

67 51.7 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: VN076151.D

Acq: 09 Jan 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

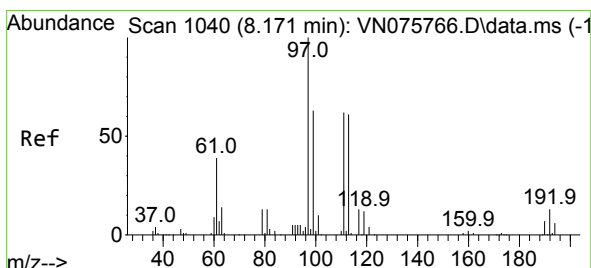
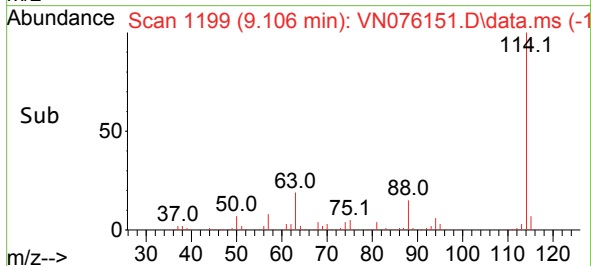
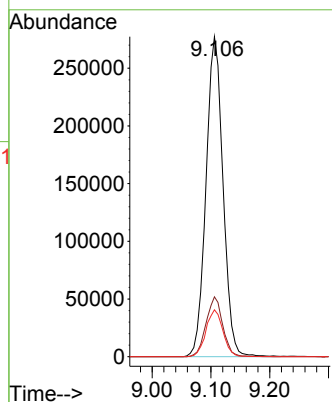
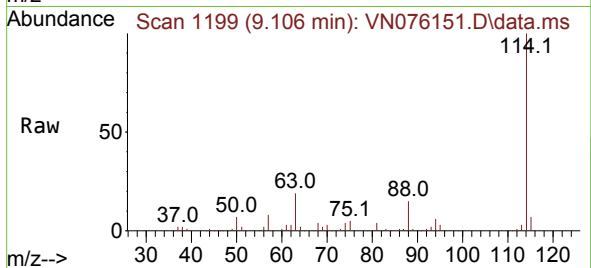
Tgt Ion:114 Resp: 559149

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.751 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

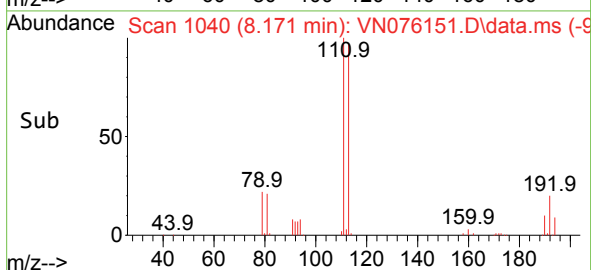
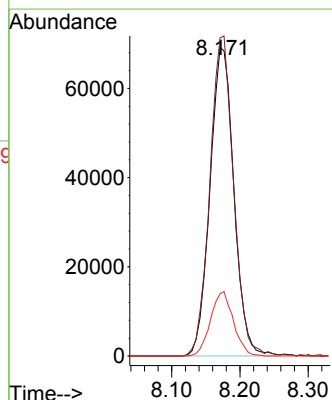
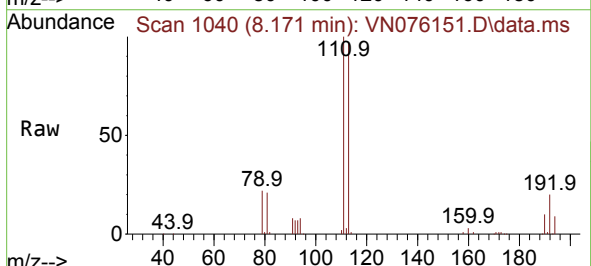
Tgt Ion:113 Resp: 168812

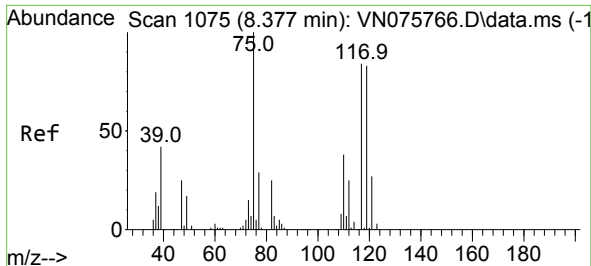
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.598 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

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MSVOA_N

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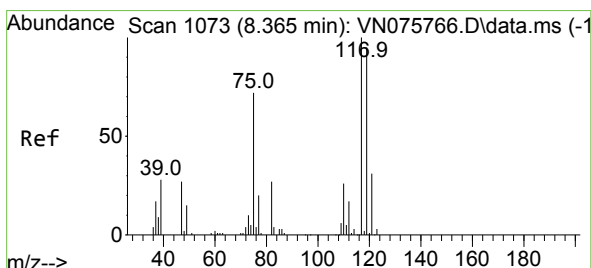
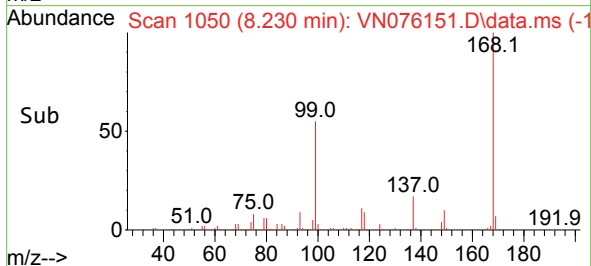
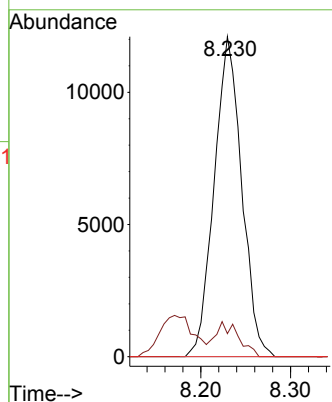
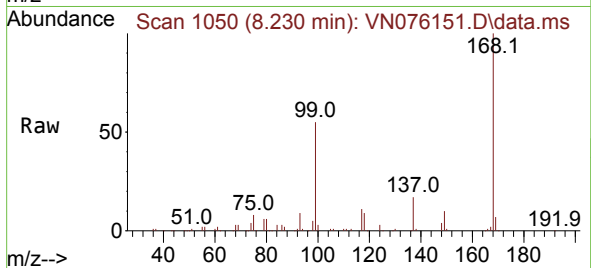
Tgt Ion: 75 Resp: 25751

Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 7.169 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

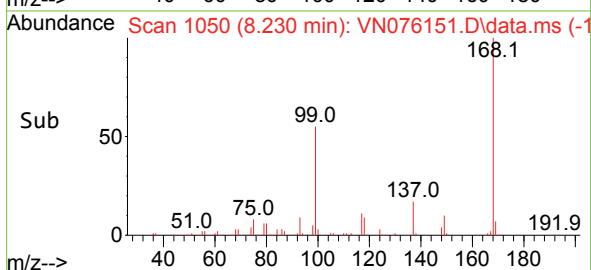
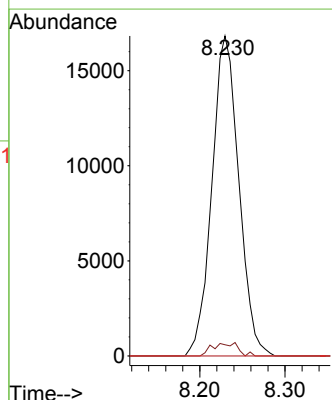
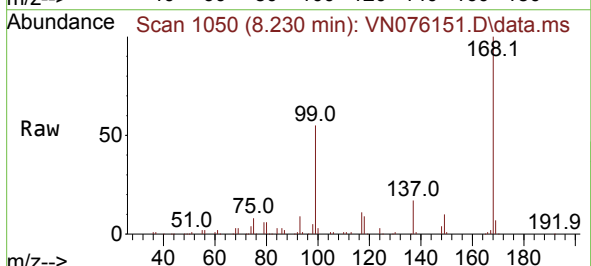
Tgt Ion: 117 Resp: 36907

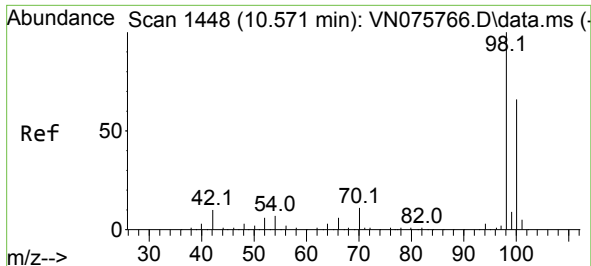
Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

121 0.0 24.5 36.7#

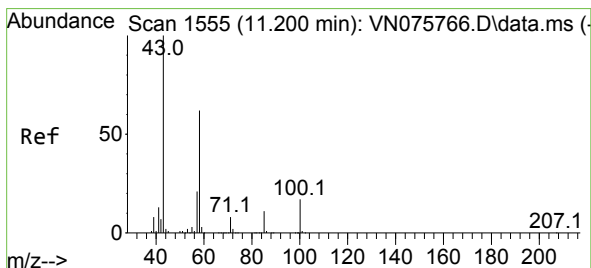
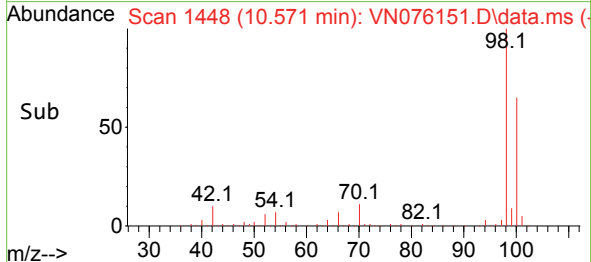
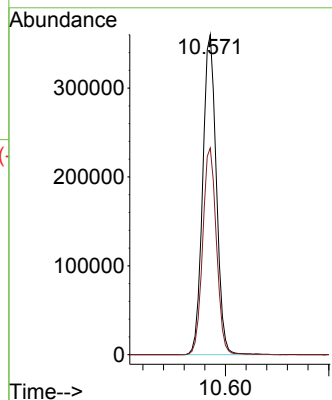
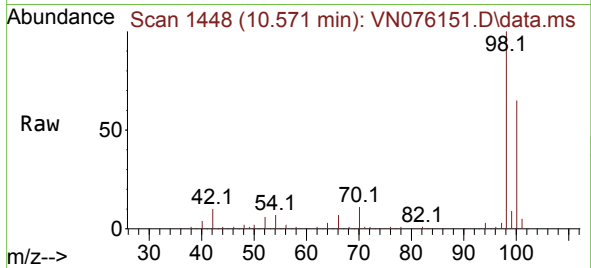




#50
Toluene-d8
Concen: 50.754 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

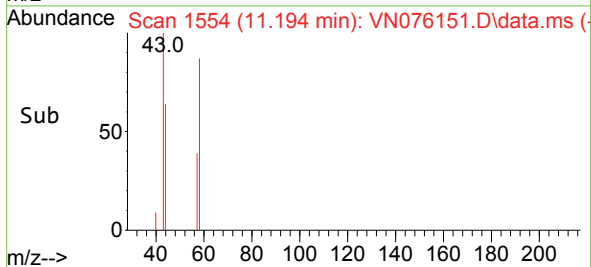
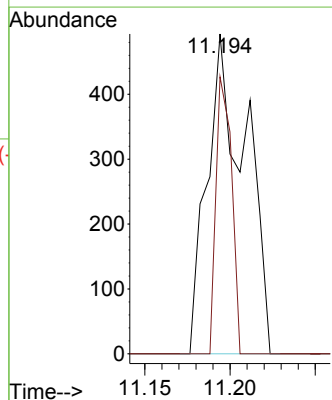
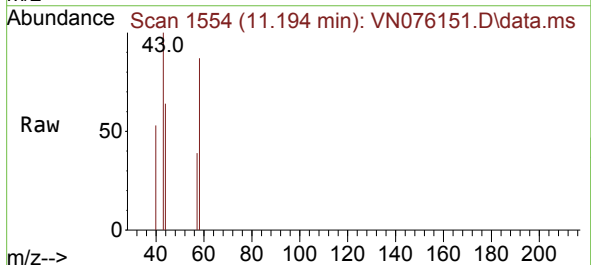
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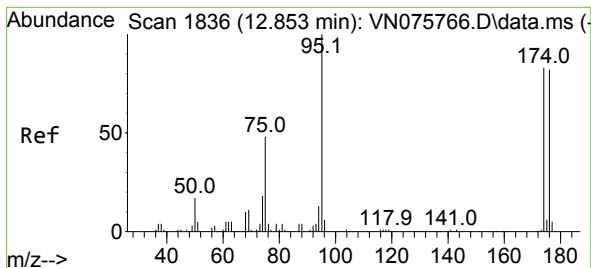
Tgt Ion: 98 Resp: 657103
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#59
2-Hexanone
Concen: 0.287 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 35.1 30.6 92.0

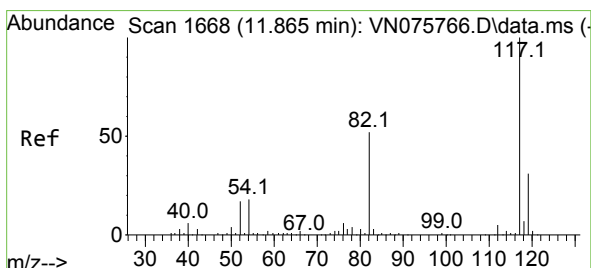
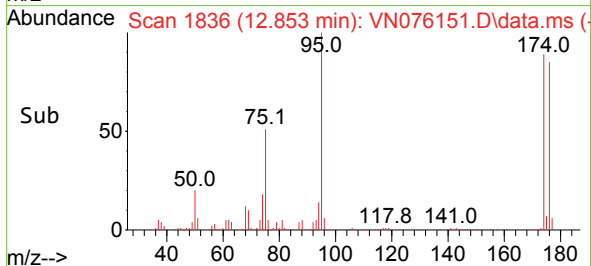
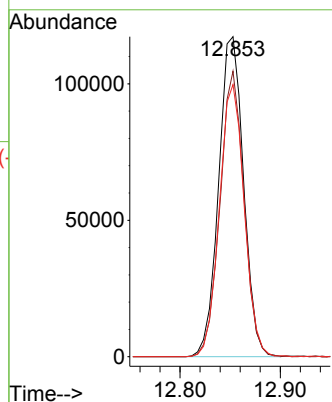
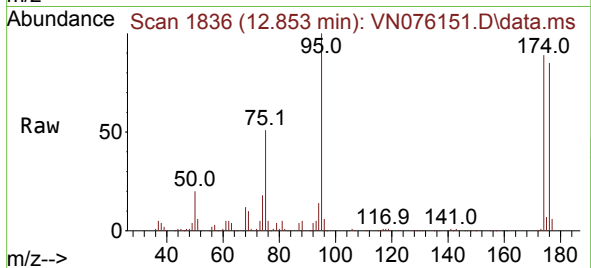




#62
4-Bromofluorobenzene
Concen: 47.175 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

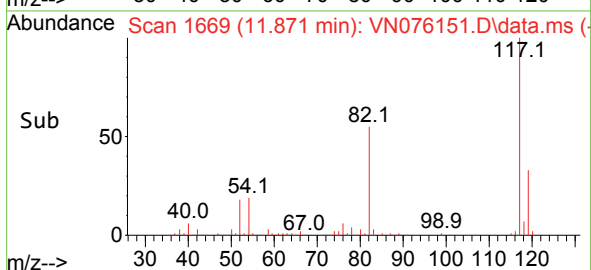
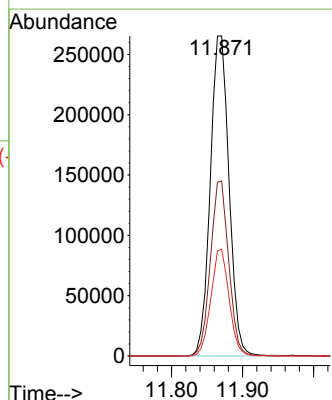
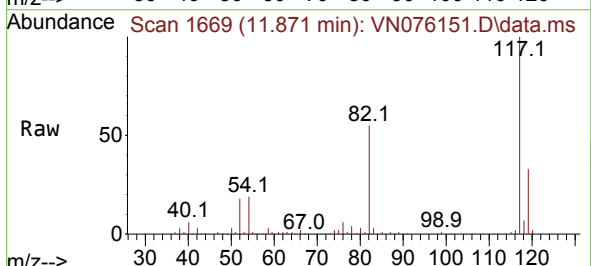
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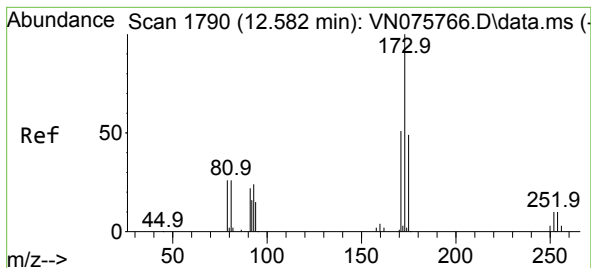
Tgt Ion: 95 Resp: 202290
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 84.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076151.D
Acq: 09 Jan 2023 13:16

Tgt Ion: 117 Resp: 486380
Ion Ratio Lower Upper
117 100
82 54.7 41.3 61.9
119 33.4 24.6 37.0





#71

Bromoform

Concen: 0.643 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

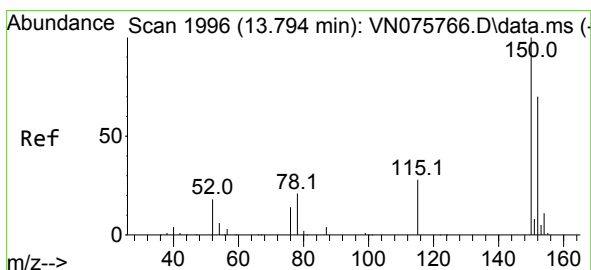
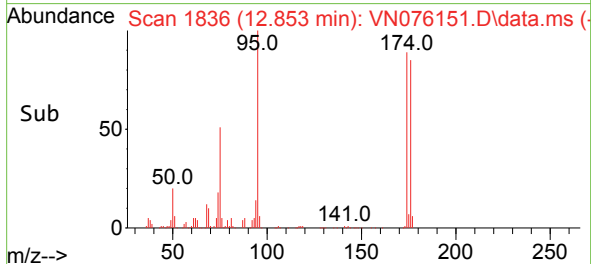
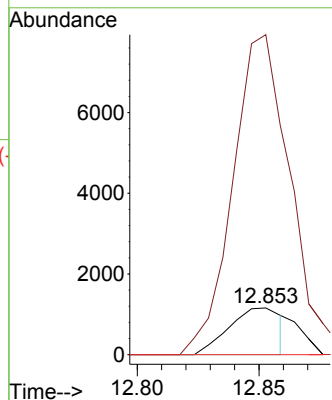
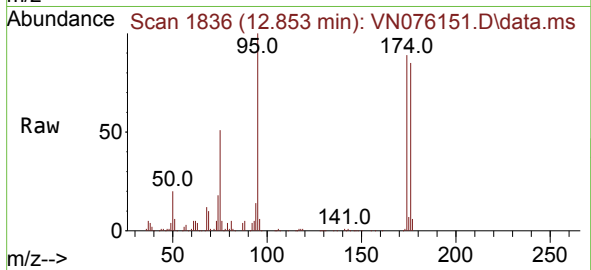
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion:173	Resp:	1730
Ion Ratio	Lower	Upper
173	100	
175	616.2	24.3 72.8#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

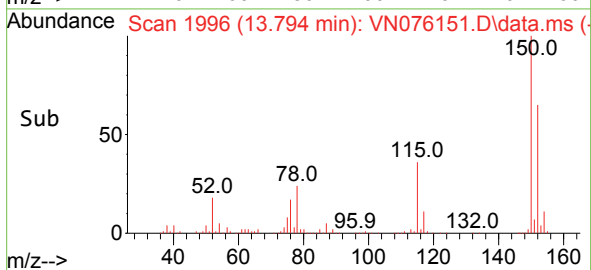
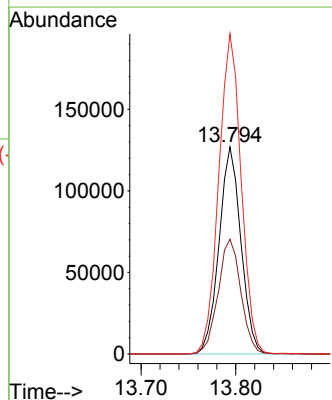
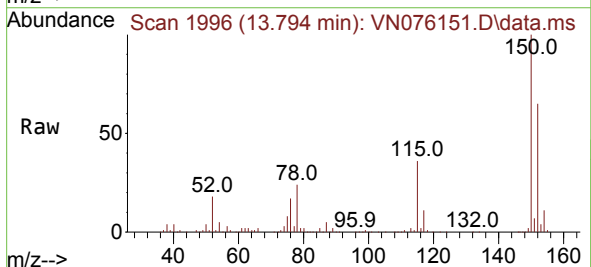
RT: 13.794 min Scan# 1996

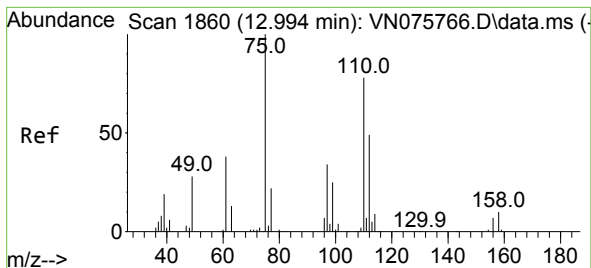
Delta R.T. -0.000 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

Tgt Ion:152	Resp:	204056
Ion Ratio	Lower	Upper
152	100	
115	57.7	29.1 87.4
150	158.3	0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.271 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

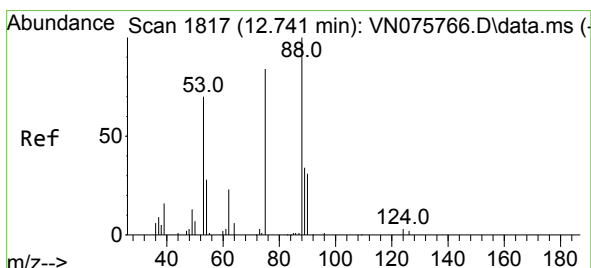
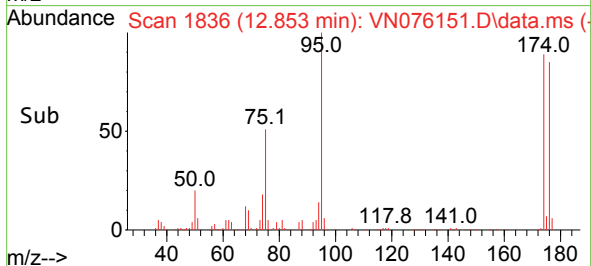
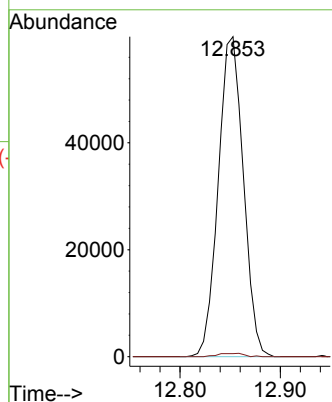
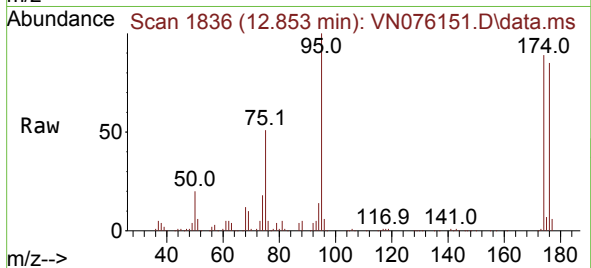
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 103946

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.963 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

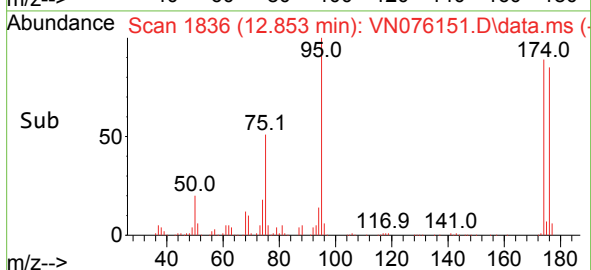
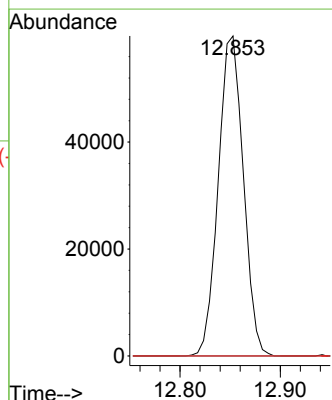
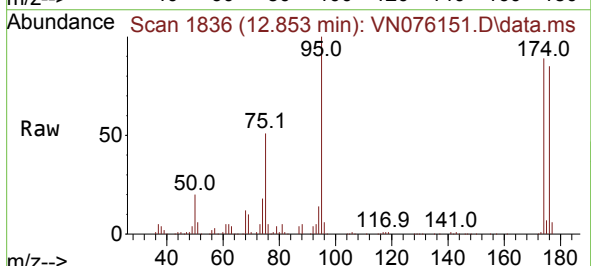
Tgt Ion: 75 Resp: 103946

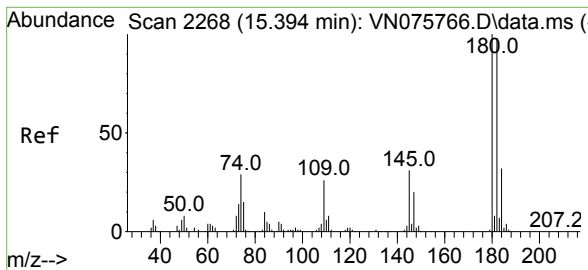
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.307 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

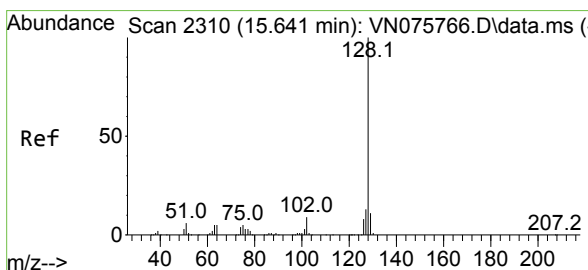
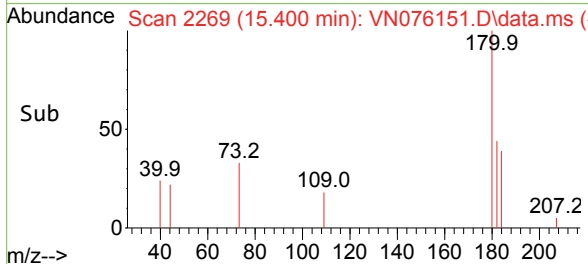
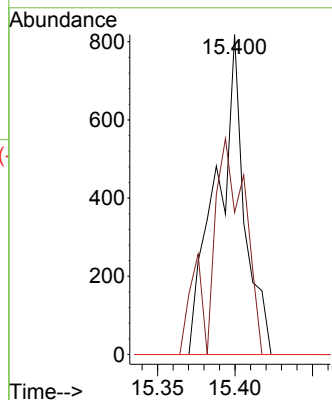
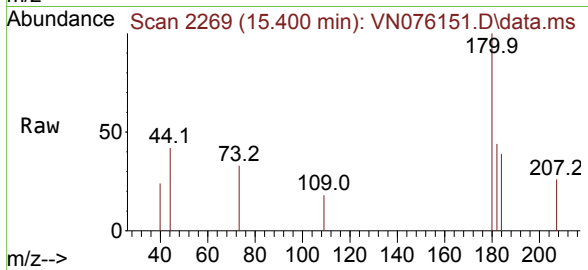
Tgt Ion:180 Resp: 1033

Ion Ratio Lower Upper

180 100

182 82.4 47.5 142.5

145 0.0 15.3 45.8#



#95

Naphthalene

Concen: 2.547 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076151.D

Acq: 09 Jan 2023 13:16

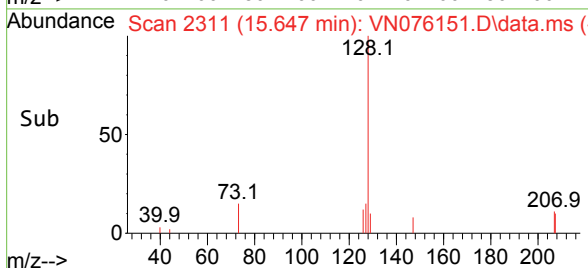
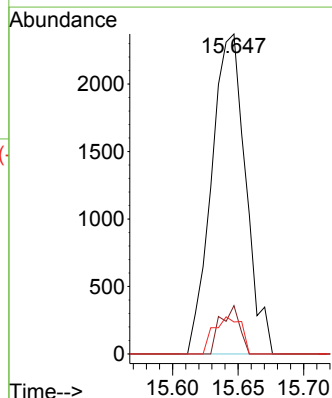
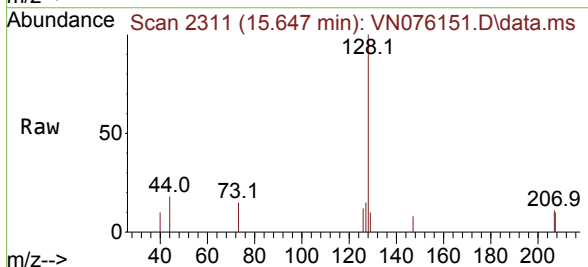
Tgt Ion:128 Resp: 4290

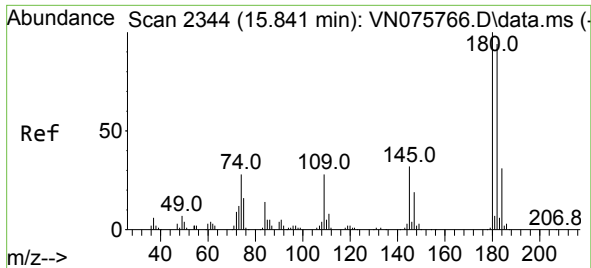
Ion Ratio Lower Upper

128 100

127 8.5 10.4 15.6#

129 9.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.303 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076151.D
 Acq: 09 Jan 2023 13:16

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

Tgt Ion:180 Resp: 953
 Ion Ratio Lower Upper
 180 100
 182 89.8 47.0 141.0
 145 8.9 16.0 47.9#

