

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076343.D
 Acq On : 20 Jan 2023 13:13
 Operator : JC\MD
 Sample : 01248-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 20 22:14:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

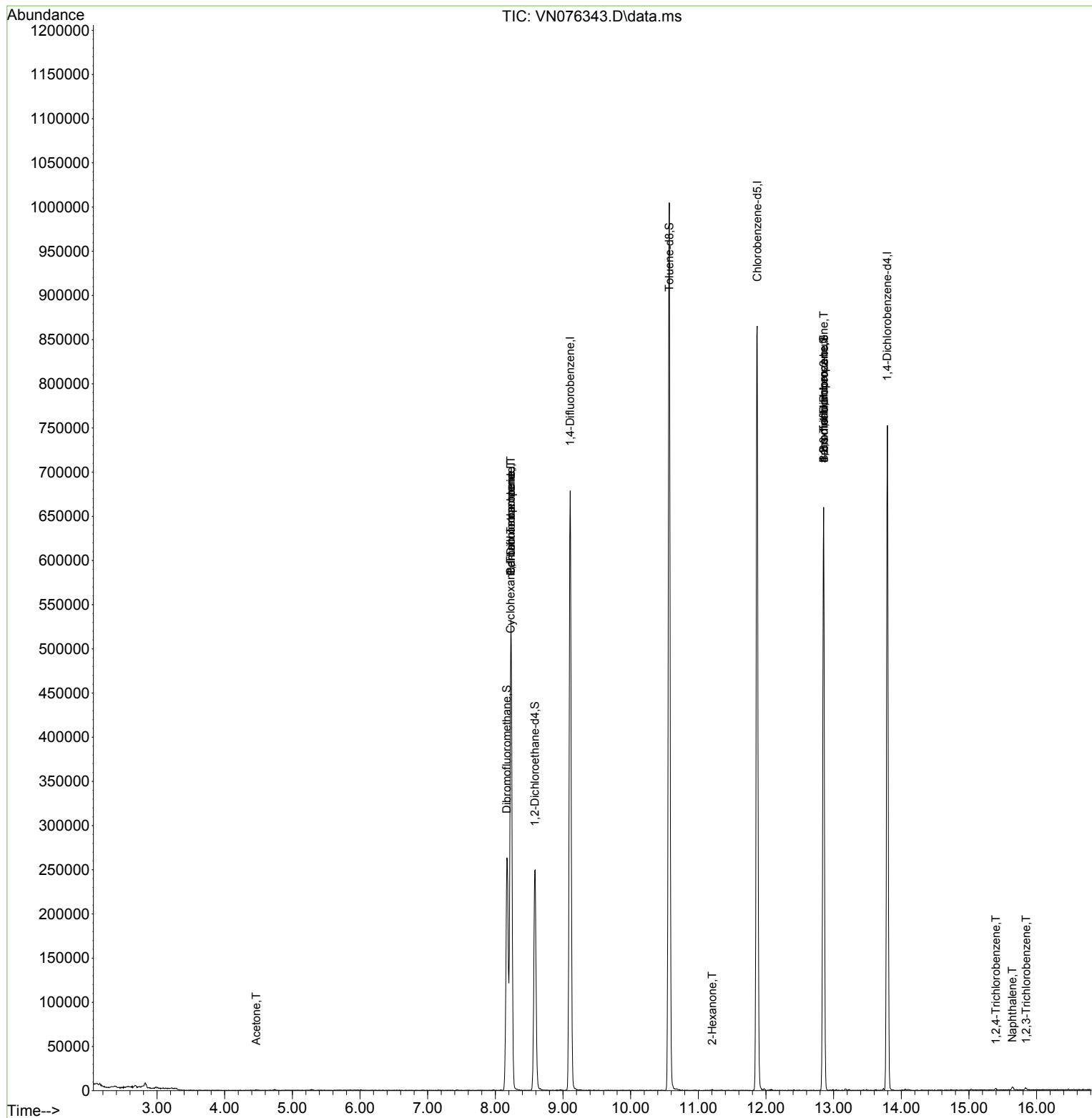
Internal Standards						
1) Pentafluorobenzene	8.230	168	405935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	534528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209491	46.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.180%
35) Dibromofluoromethane	8.171	113	190865	48.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.571	98	718312	49.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.853	95	218615	45.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	801	0.476	ug/l #	41
20) Methylene Chloride	5.306	84	396	Below Cal	#	53
31) Cyclohexane	8.224	56	7531	1.079	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	30038	5.358	ug/l #	47
38) Carbon Tetrachloride	8.230	117	40890	6.541	ug/l #	17
59) 2-Hexanone	11.206	43	649	0.209	ug/l	80
71) Bromoform	12.853	173	2097	0.691	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114298	29.563	ug/l #	1
77) Bromobenzene	12.982	156	334	Below Cal	#	34
81) trans-1,4-Dichloro-2-b...	12.853	75	114298	90.781	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	1015	1.574	ug/l #	73
95) Naphthalene	15.641	128	4262	2.216	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	1159	1.477	ug/l #	85

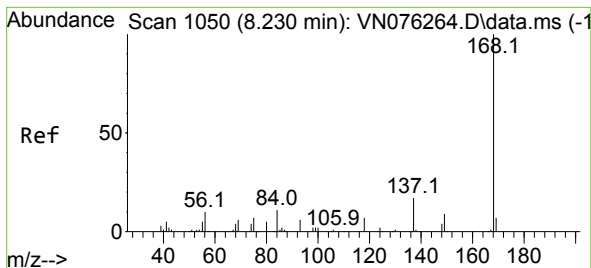
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN076343.D

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MSVOA_N

ClientSampleId :

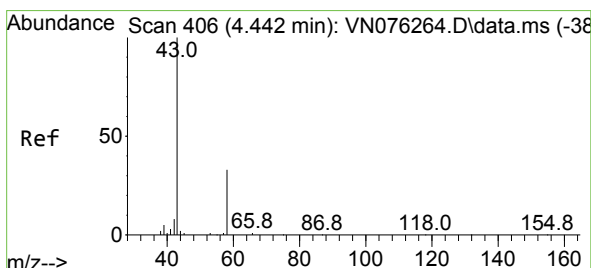
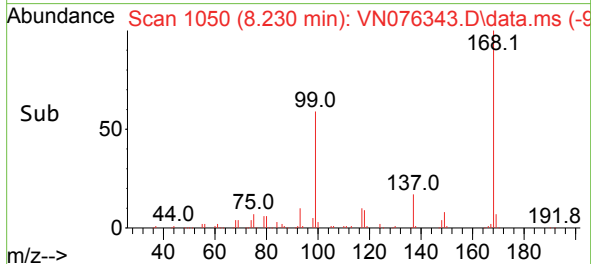
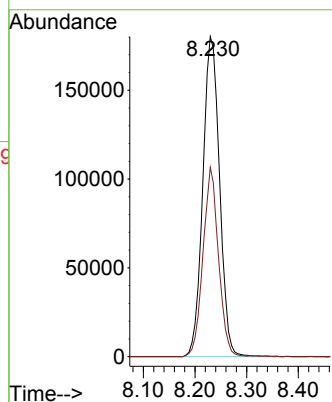
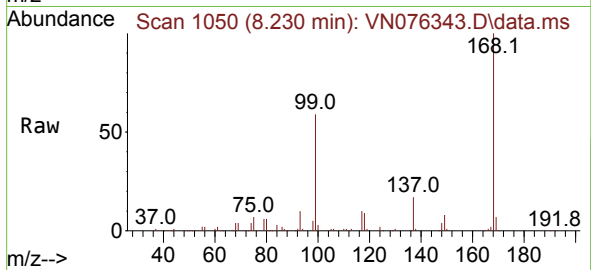
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 405935

Ion Ratio Lower Upper

168 100

99 59.1 41.6 62.4



#16

Acetone

Concen: 0.476 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN076343.D

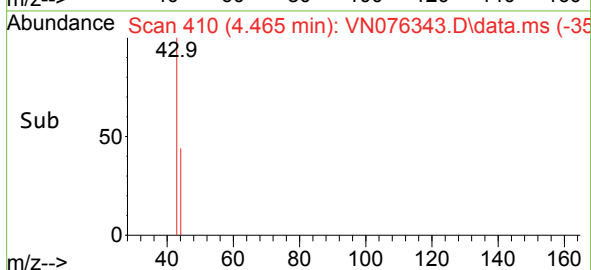
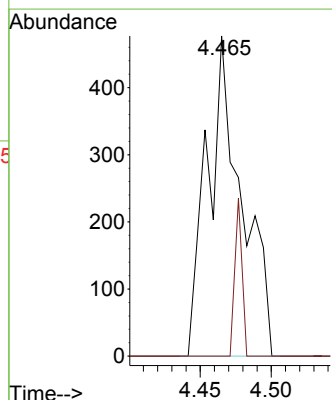
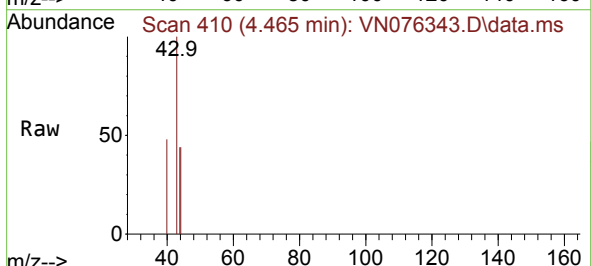
Acq: 20 Jan 2023 13:13

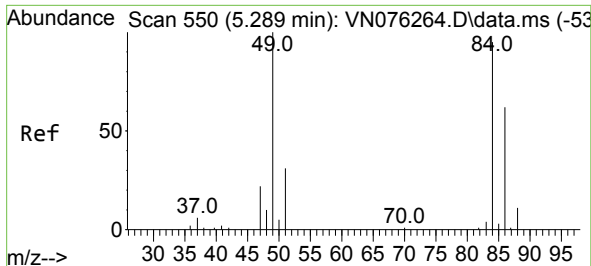
Tgt Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

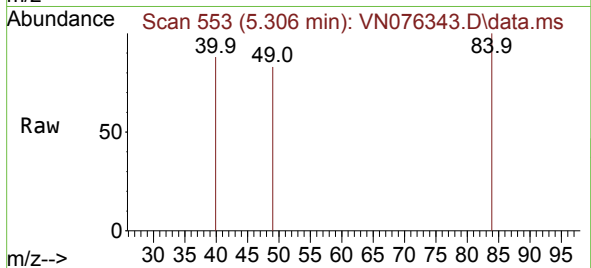
58 0.0 26.7 40.1#



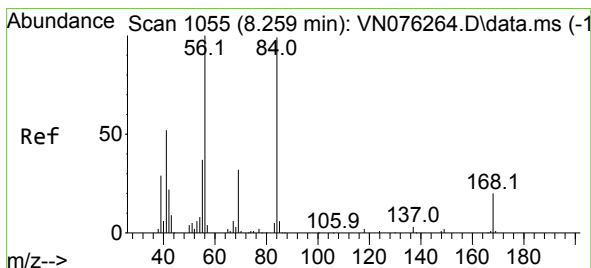
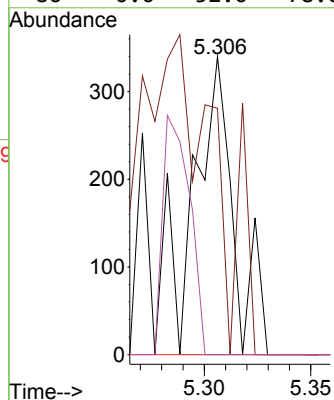


#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

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

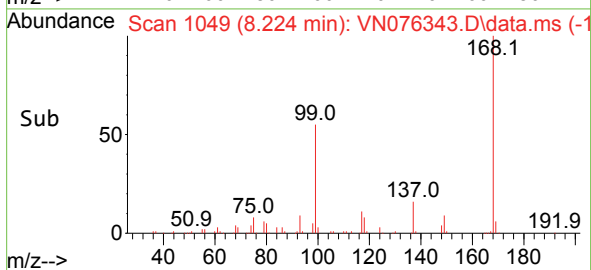
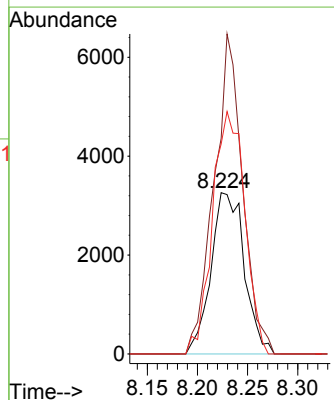
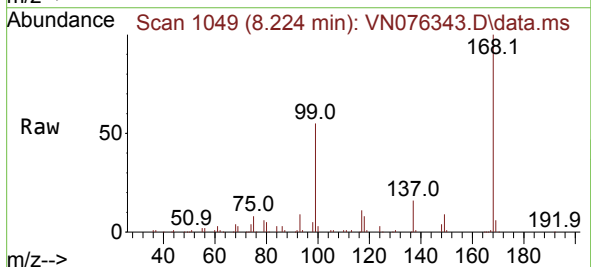


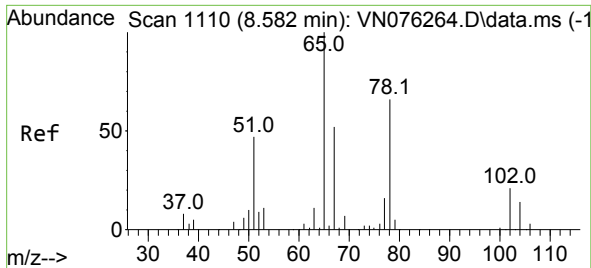
Tgt Ion:	84	Resp:	396
Ion	Ratio	Lower	Upper
84	100		
49	82.6	84.5	126.7#
51	0.0	26.0	39.0#
86	0.0	52.0	78.0#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

Tgt Ion:	56	Resp:	7531
Ion	Ratio	Lower	Upper
56	100		
69	133.6	25.8	38.8#
84	130.1	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 46.091 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

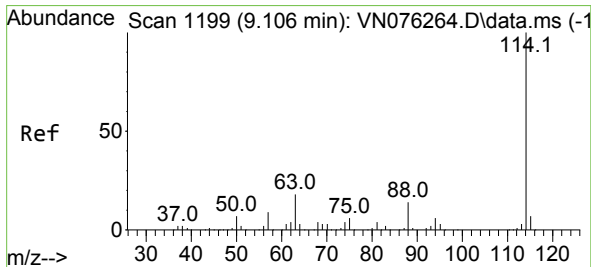
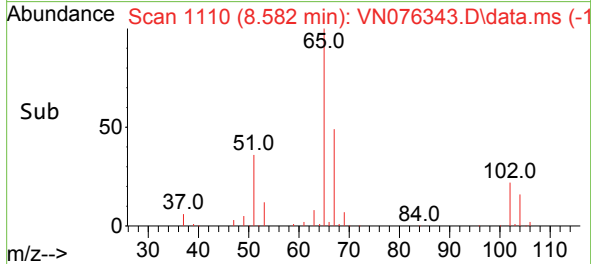
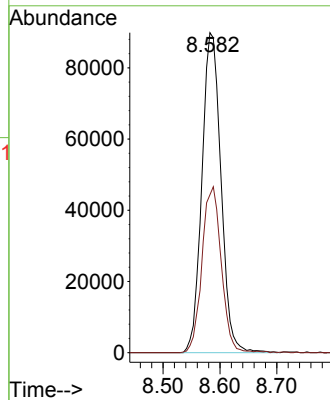
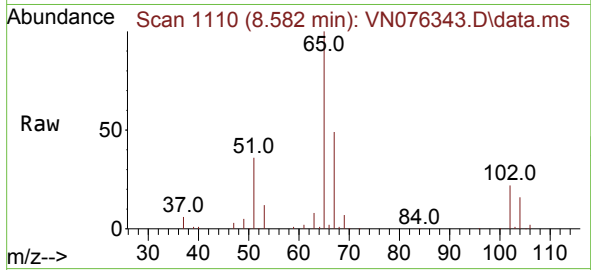
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 209491

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

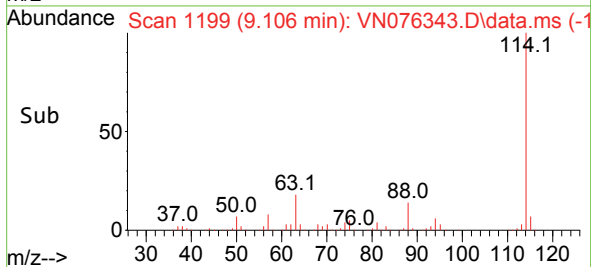
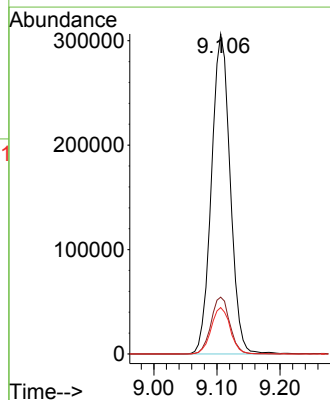
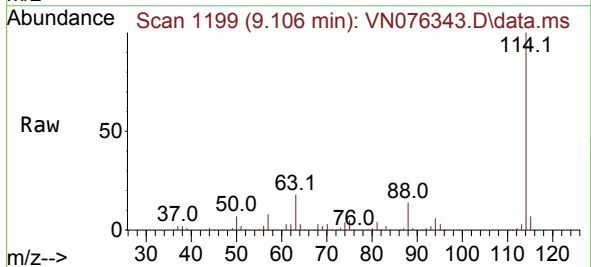
Tgt Ion: 114 Resp: 630678

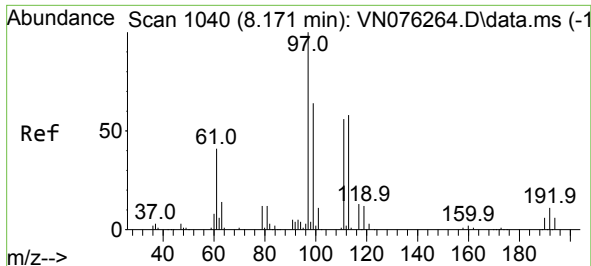
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.5 0.0 28.0

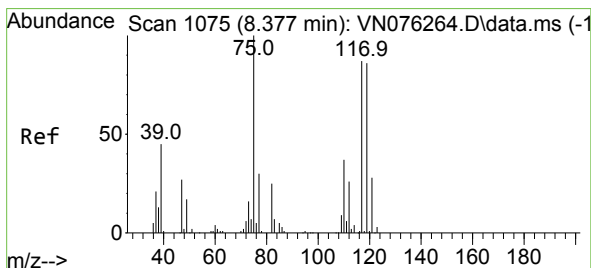
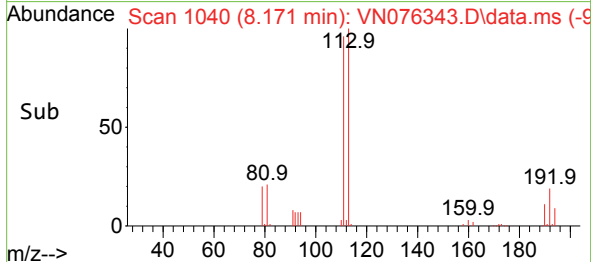
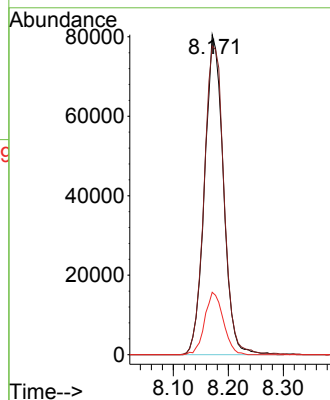
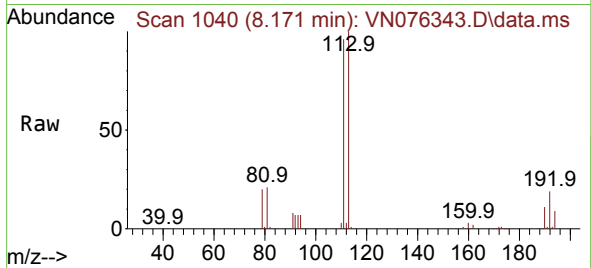




#35
Dibromofluoromethane
Concen: 48.380 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

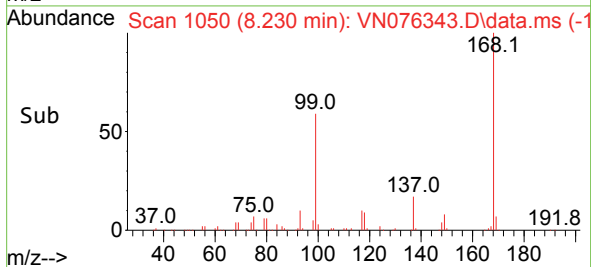
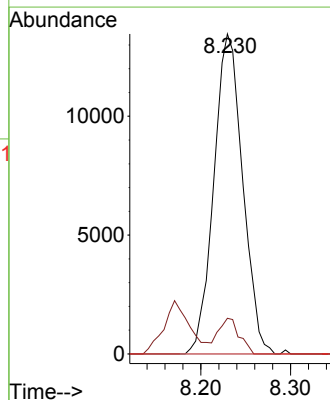
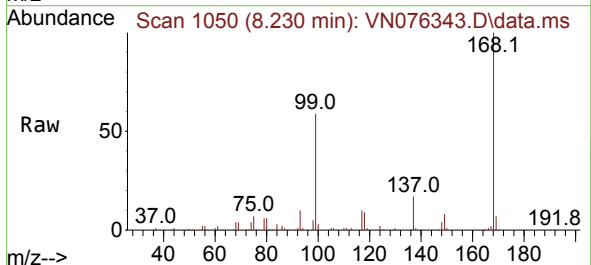
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

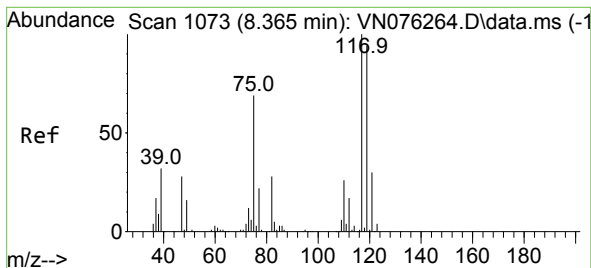
Tgt Ion:113 Resp: 190865
Ion Ratio Lower Upper
113 100
111 101.8 82.7 124.1
192 19.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

Tgt Ion: 75 Resp: 30038
Ion Ratio Lower Upper
75 100
110 7.9 18.8 56.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.541 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

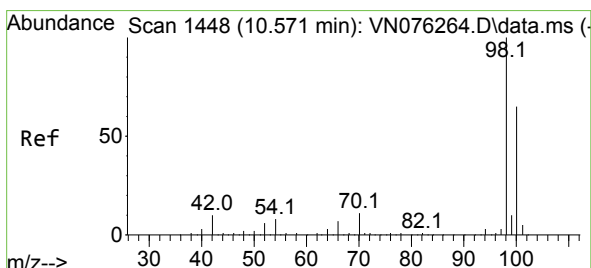
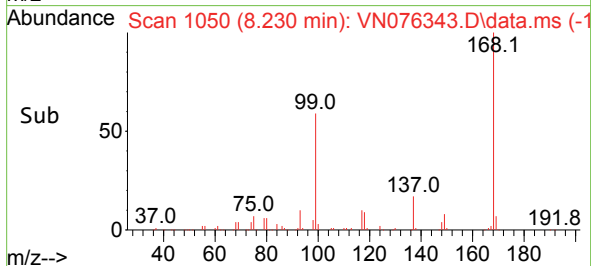
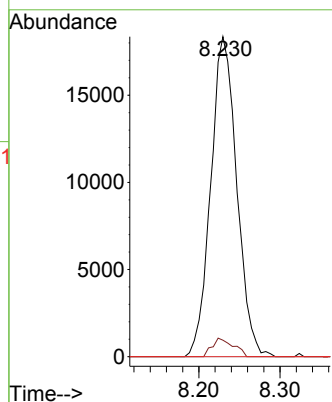
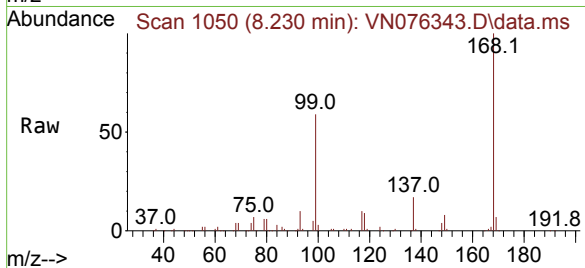
Tgt Ion:117 Resp: 40890

Ion Ratio Lower Upper

117 100

119 5.2 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.301 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076343.D

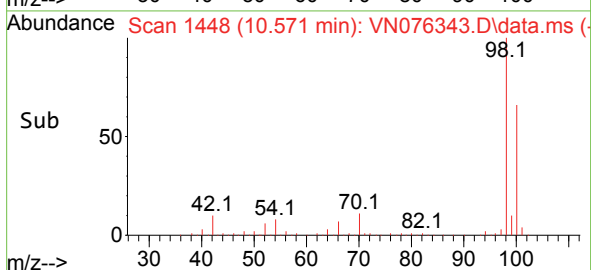
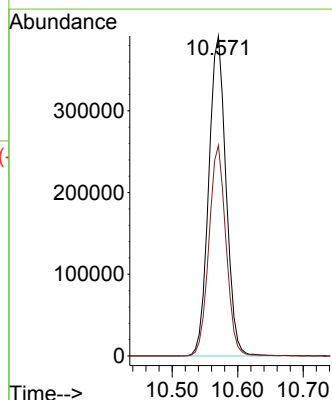
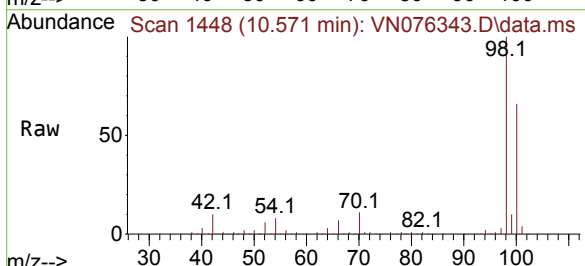
Acq: 20 Jan 2023 13:13

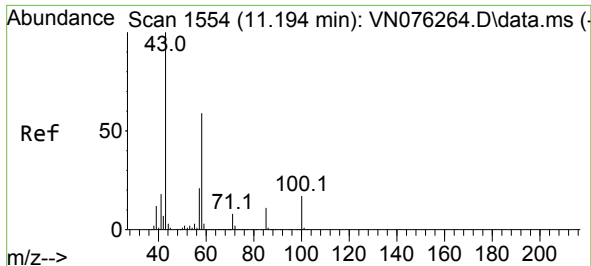
Tgt Ion: 98 Resp: 718312

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4





#59

2-Hexanone

Concen: 0.209 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

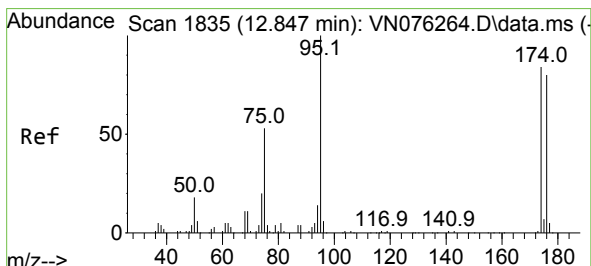
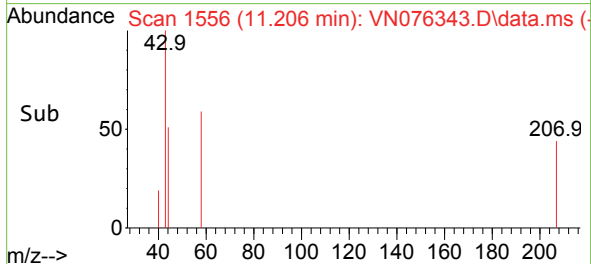
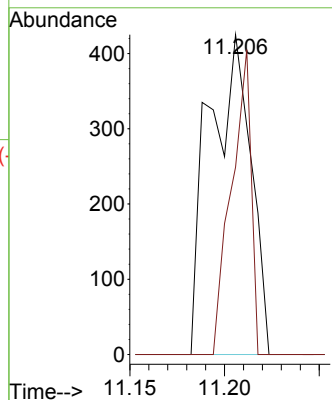
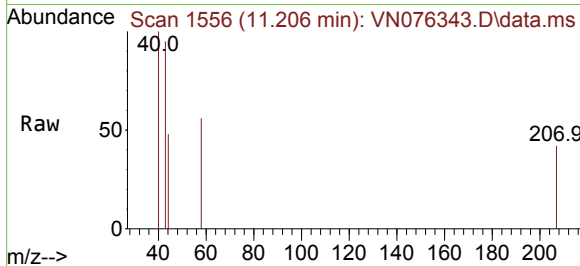
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

58 45.0 30.1 90.3



#62

4-Bromofluorobenzene

Concen: 45.962 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

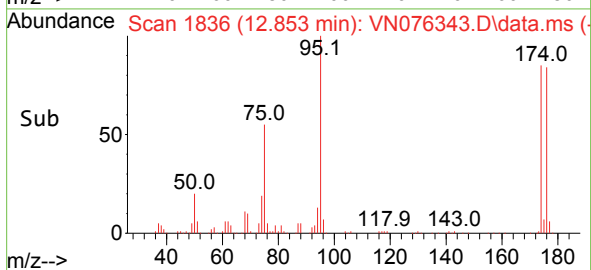
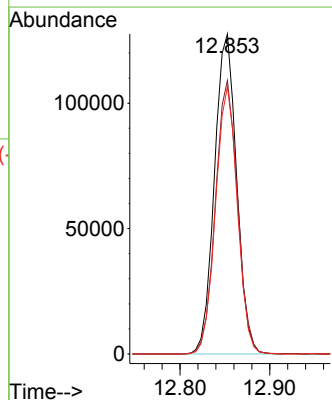
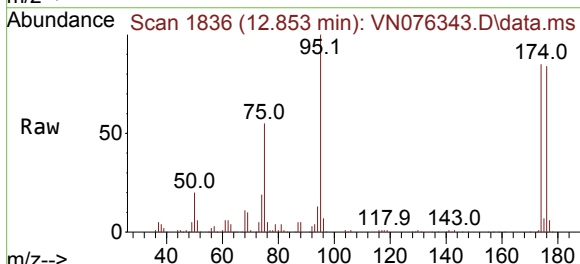
Tgt Ion: 95 Resp: 218615

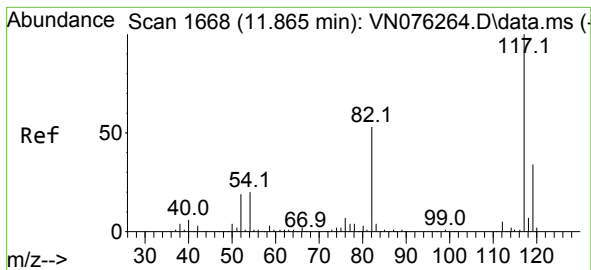
Ion Ratio Lower Upper

95 100

174 85.5 0.0 174.6

176 82.1 0.0 167.8

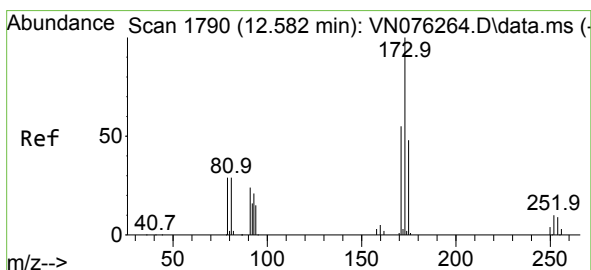
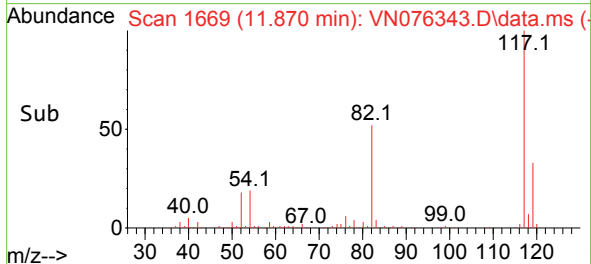
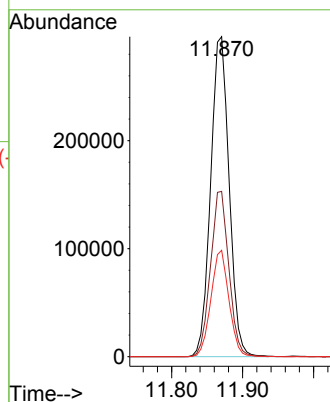
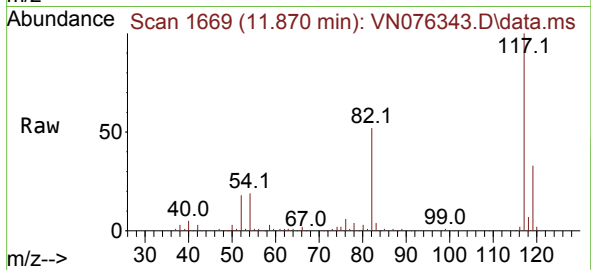




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

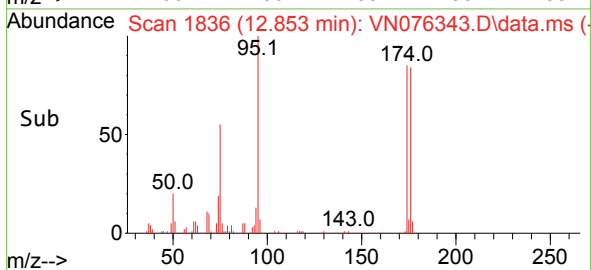
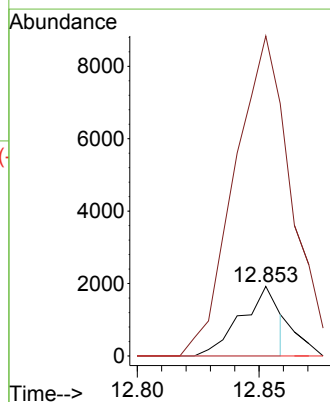
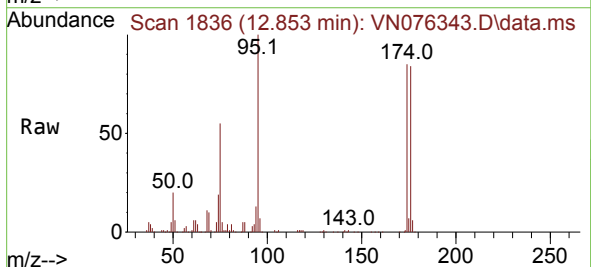
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

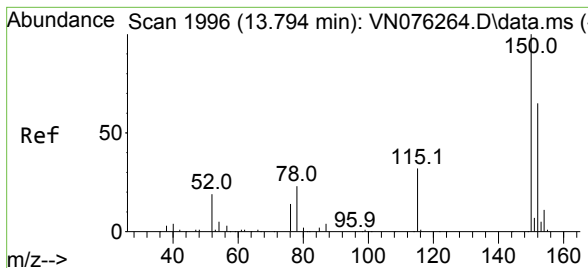
Tgt Ion:117 Resp: 534528
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 33.2 26.9 40.3



#71
Bromoform
Concen: 0.691 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

Tgt Ion:173 Resp: 2097
Ion Ratio Lower Upper
173 100
175 561.6 24.1 72.4#
254 0.0 0.0 0.0

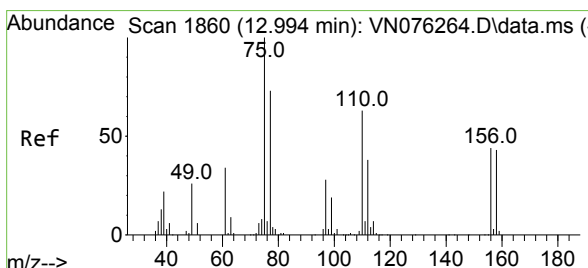
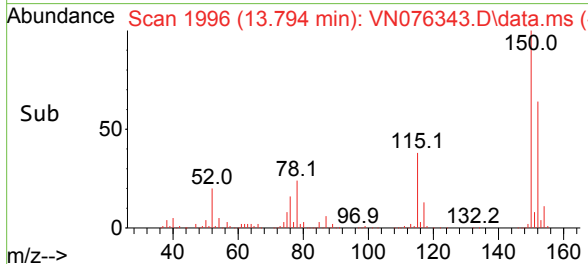
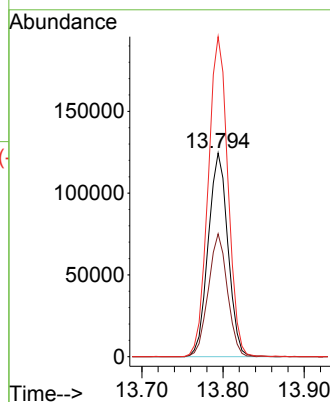
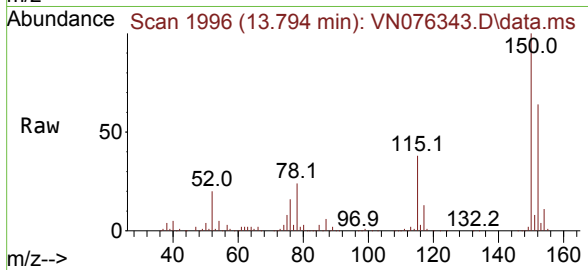




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076343.D
 Acq: 20 Jan 2023 13:13

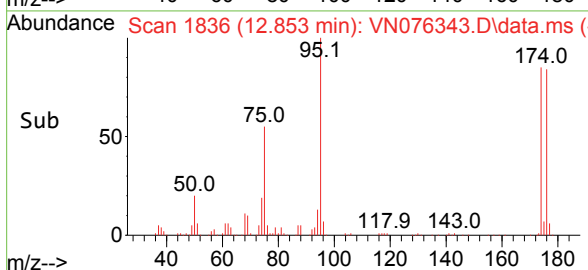
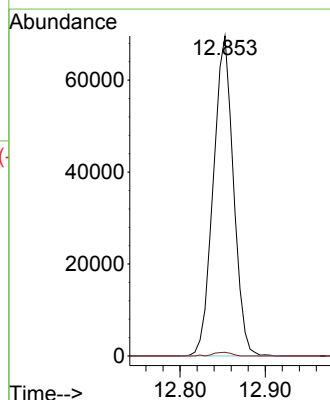
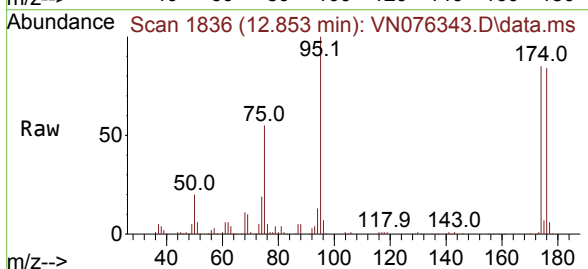
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

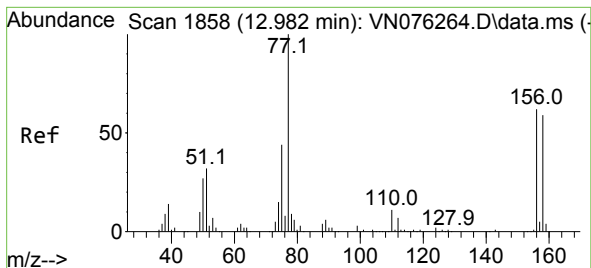
Tgt Ion:152 Resp: 209485
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.6 88.9
 150 157.8 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 29.563 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076343.D
 Acq: 20 Jan 2023 13:13

Tgt Ion: 75 Resp: 114298
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.2 225.6#





#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076343.D

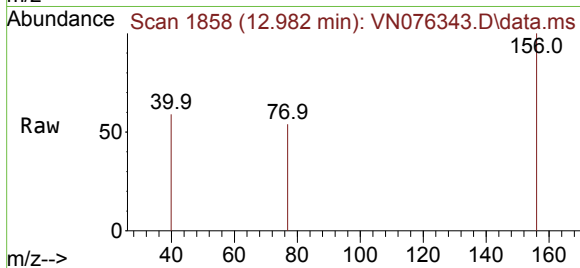
Acq: 20 Jan 2023 13:13

Instrument :

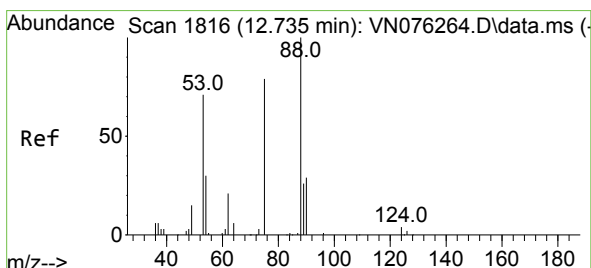
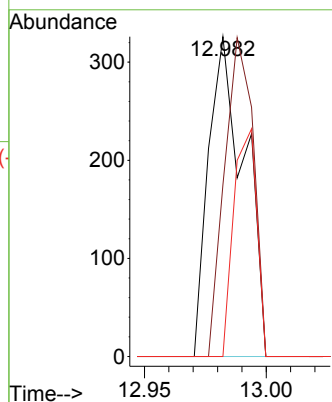
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	156	Resp:	334
Ion Ratio	Lower	Upper	
156	100		
77	79.6	93.4	280.2#
158	45.5	48.4	145.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.781 ug/l

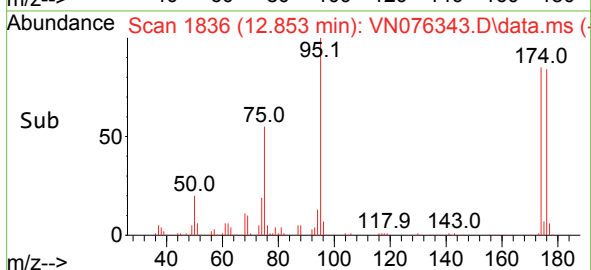
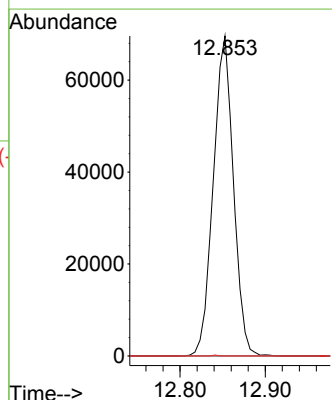
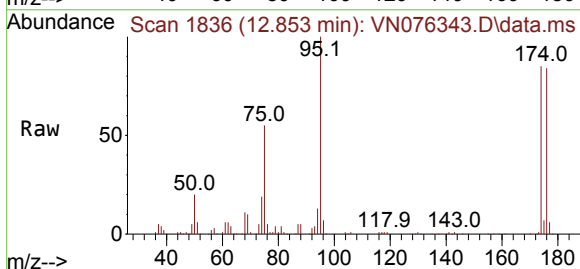
RT: 12.853 min Scan# 1836

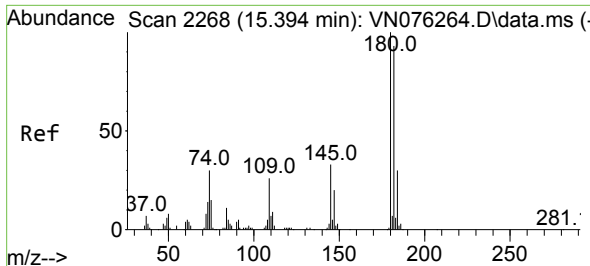
Delta R.T. 0.118 min

Lab File: VN076343.D

Acq: 20 Jan 2023 13:13

Tgt Ion:	75	Resp:	114298
Ion Ratio	Lower	Upper	
75	100		
53	0.0	75.8	113.8#
89	0.1	37.0	55.6#

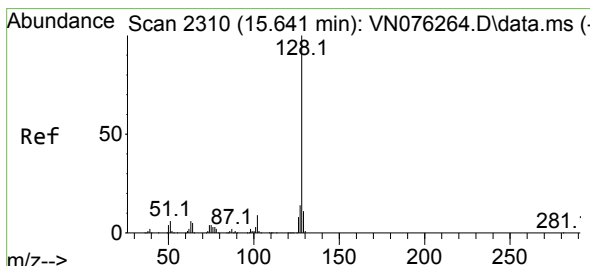
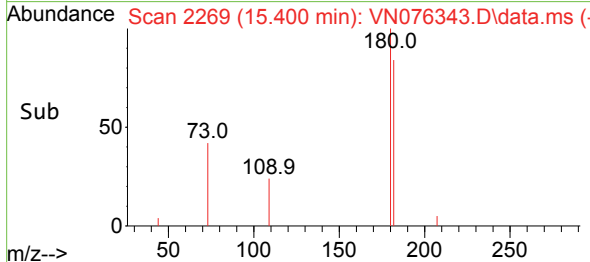
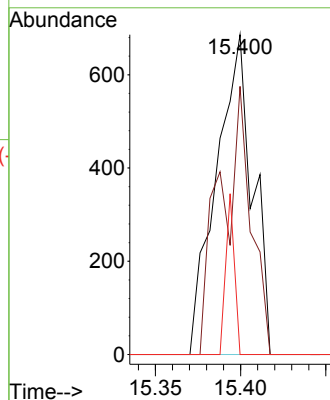
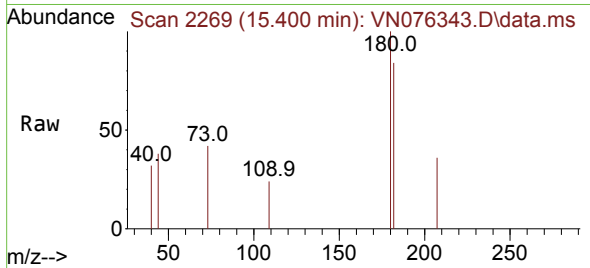




#93
1,2,4-Trichlorobenzene
Concen: 1.574 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

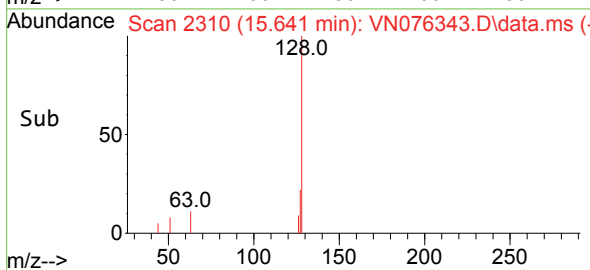
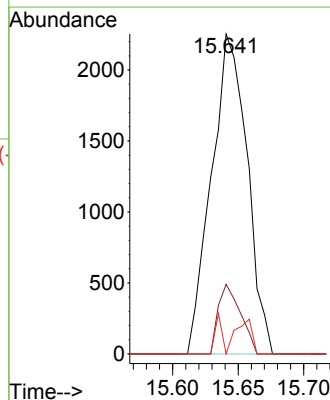
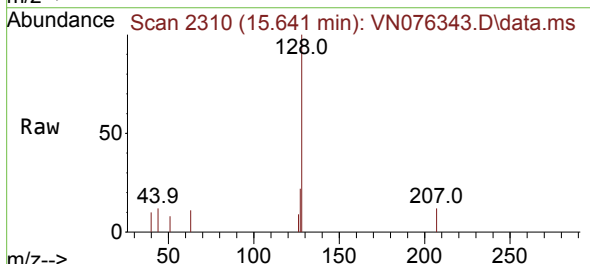
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

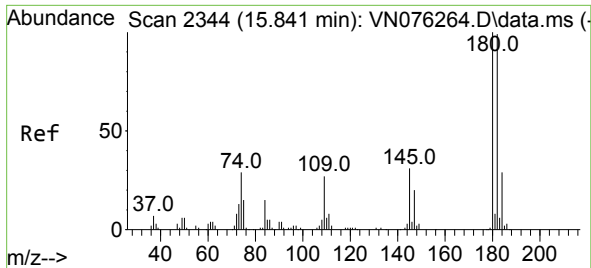
Tgt Ion:180 Resp: 1015
Ion Ratio Lower Upper
180 100
182 70.2 47.0 141.2
145 12.0 15.2 45.5#



#95
Naphthalene
Concen: 2.216 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076343.D
Acq: 20 Jan 2023 13:13

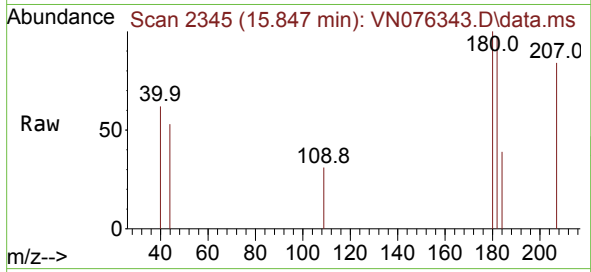
Tgt Ion:128 Resp: 4262
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 2.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.477 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076343.D
 Acq: 20 Jan 2023 13:13

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



Tgt Ion:180 Resp: 1159
 Ion Ratio Lower Upper
 180 100
 182 102.5 47.5 142.5
 145 11.6 15.9 47.6#

