

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077952.D
 Acq On : 27 May 2023 03:15
 Operator : JC\MD
 Sample : 02970-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: May 29 01:42:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

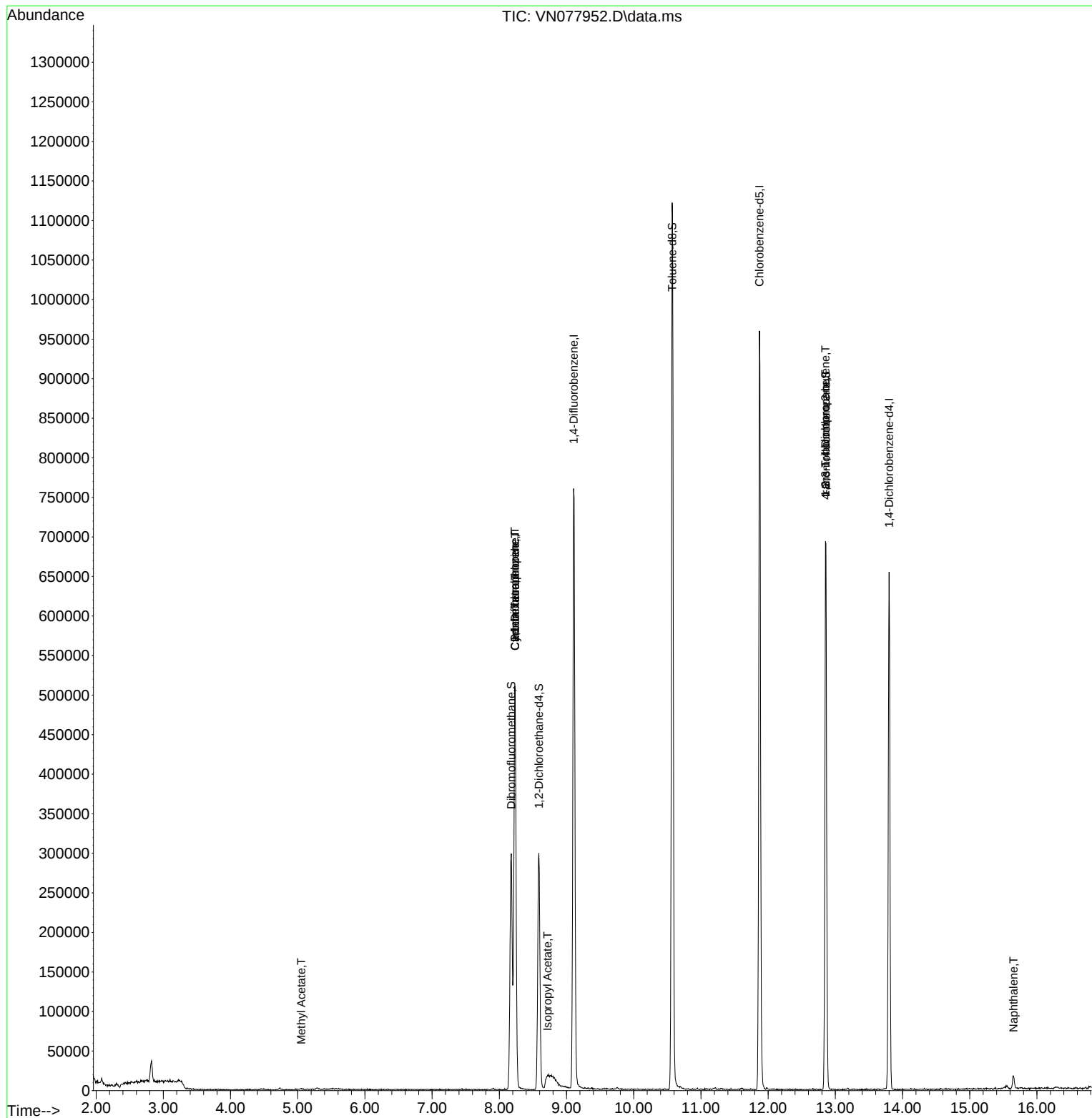
Internal Standards						
1) Pentafluorobenzene	8.230	168	372204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	677772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249349	44.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.540%
35) Dibromofluoromethane	8.177	113	222941	50.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	10.571	98	822174	48.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.859	95	259595	43.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1189	Below Cal		96
13) Acrolein	4.189	56	64	Below Cal	#	16
18) Methyl Acetate	5.053	43	1798	0.245	ug/l #	74
20) Methylene Chloride	5.300	84	1391	Below Cal	#	65
31) Cyclohexane	8.236	56	9177	1.212	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	30752	4.757	ug/l #	49
38) Carbon Tetrachloride	8.236	117	39160	5.999	ug/l #	16
43) Isopropyl Acetate	8.718	43	13523	1.437	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	136662	30.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	136662	98.566	ug/l #	15
95) Naphthalene	15.653	128	15732	1.300	ug/l	98

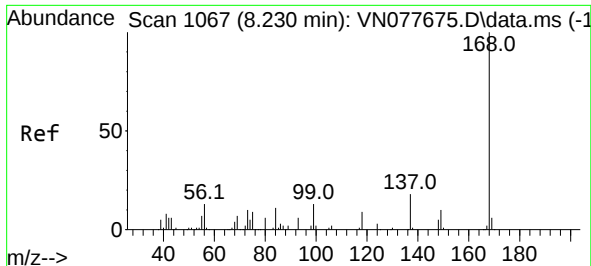
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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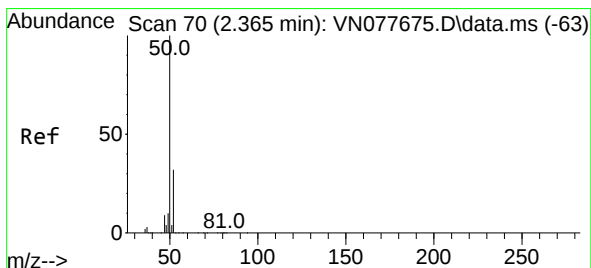
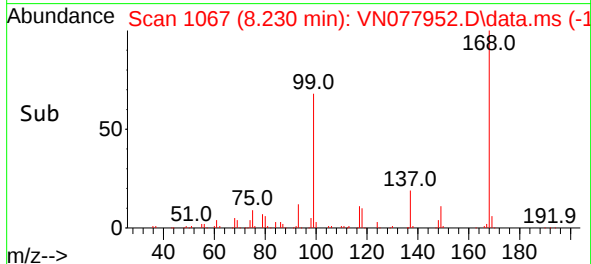
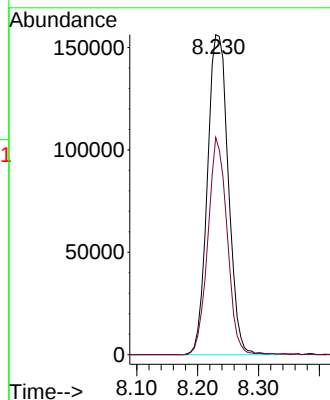
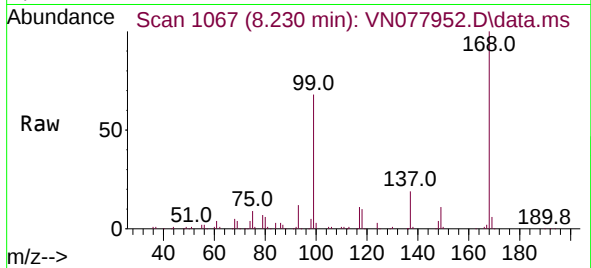




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

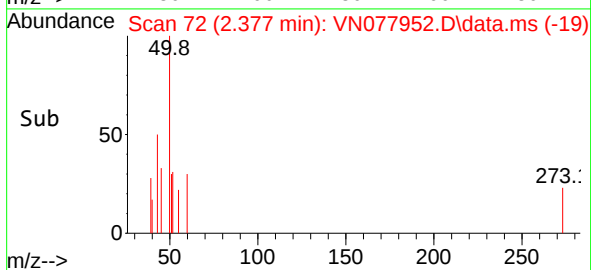
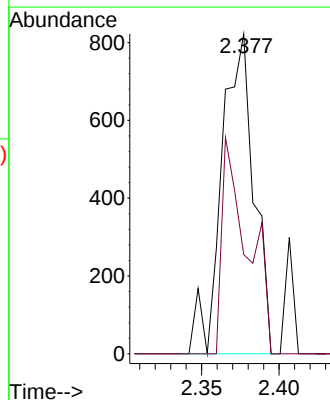
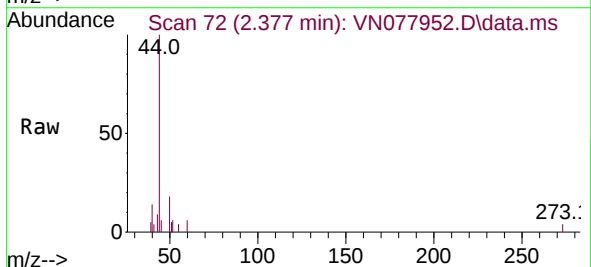
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

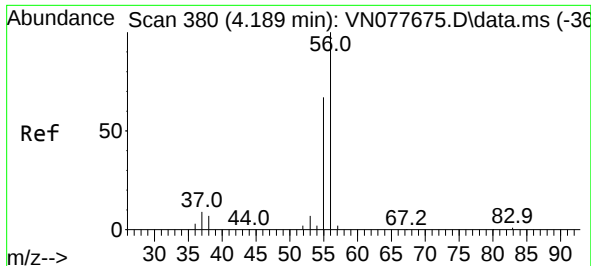
Tgt Ion:168 Resp: 372204
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 50 Resp: 1189
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

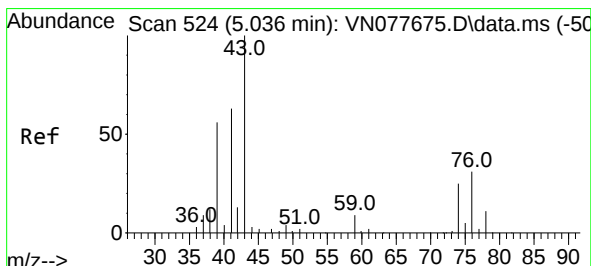
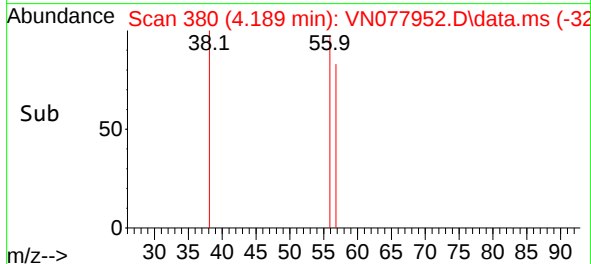
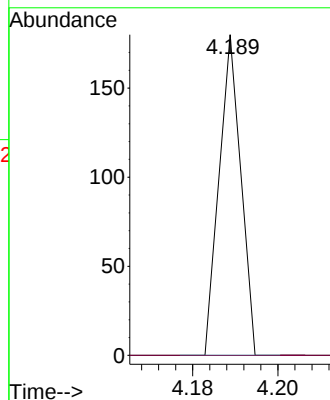
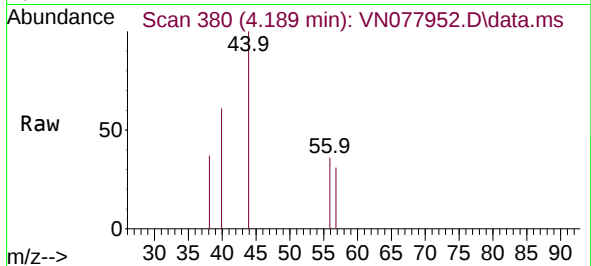




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

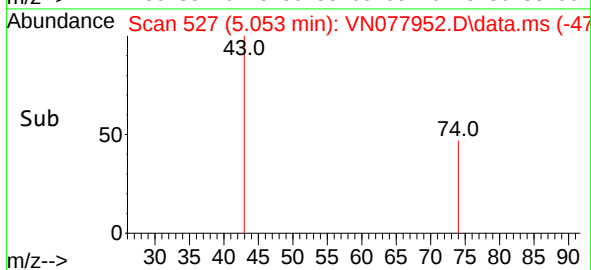
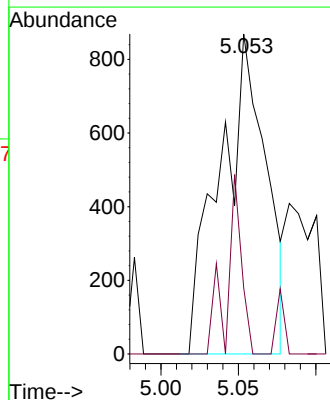
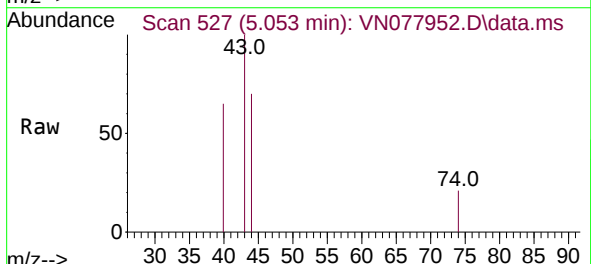
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

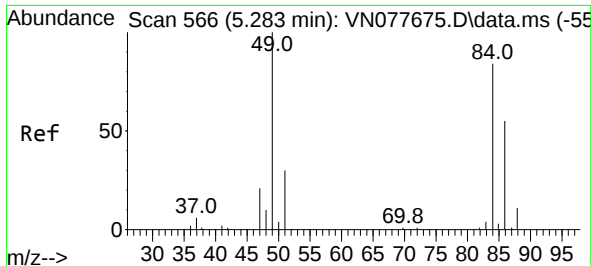
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
74 17.9 26.2 39.4#

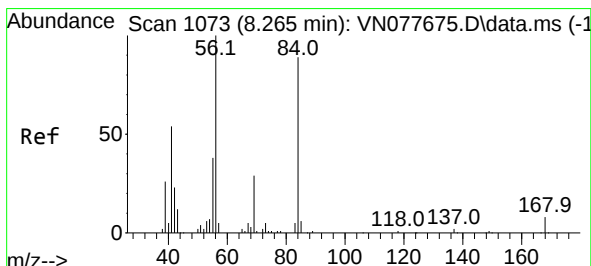
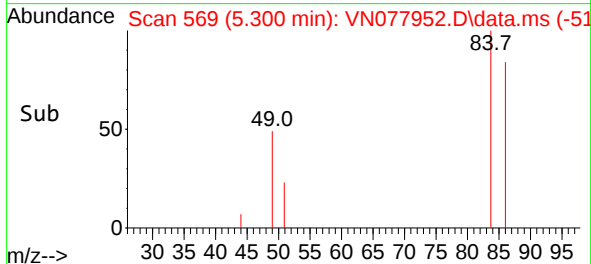
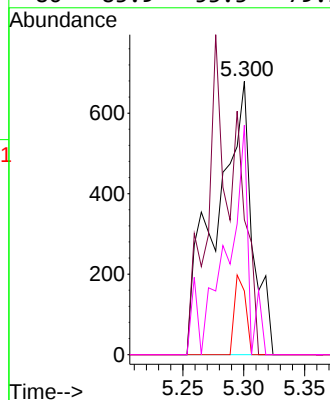
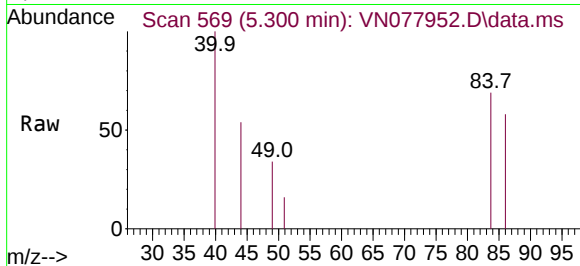




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 50
Delta R.T. 0.017 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

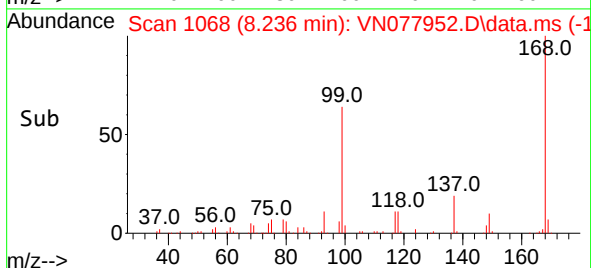
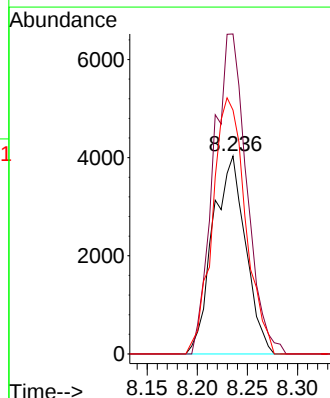
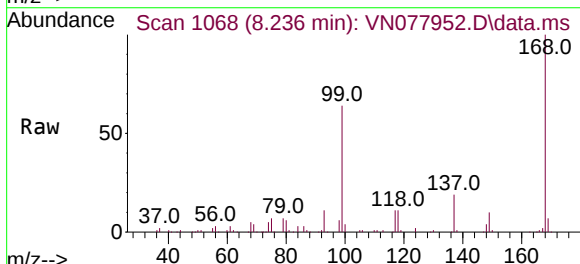
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

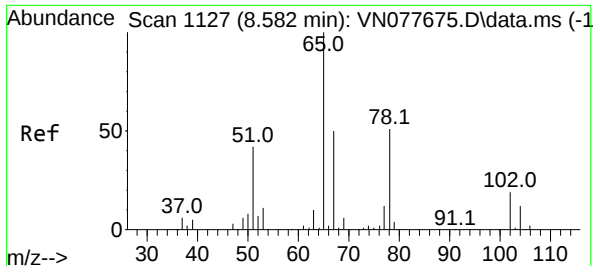
Tgt Ion:	84	Resp:	1391
Ion	Ratio	Lower	Upper
84	100		
49	49.3	79.7	119.5#
51	23.3	25.2	37.8#
86	83.9	53.3	79.9#



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion:	56	Resp:	9177
Ion	Ratio	Lower	Upper
56	100		
69	161.7	26.8	40.2#
84	123.2	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 44.773 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

Instrument :

MSVOA_N

ClientSampleId :

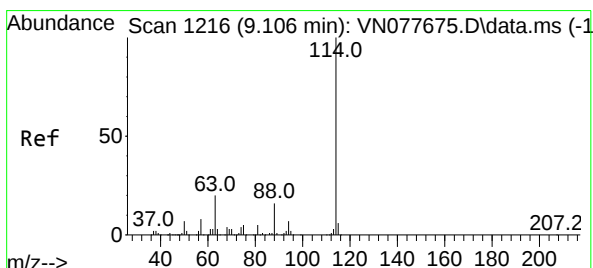
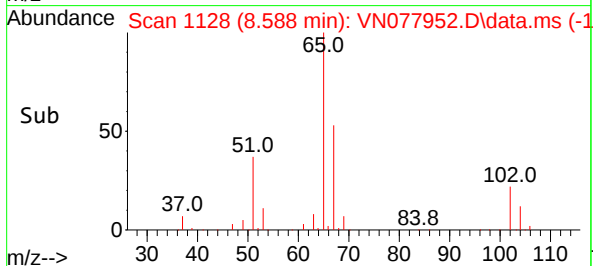
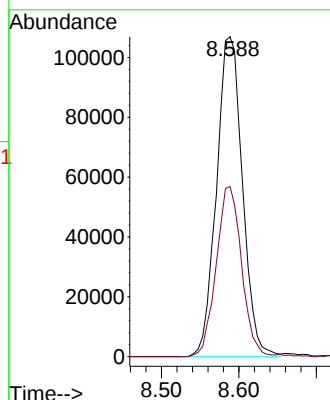
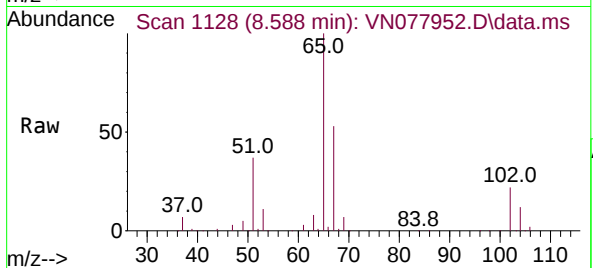
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 249349

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

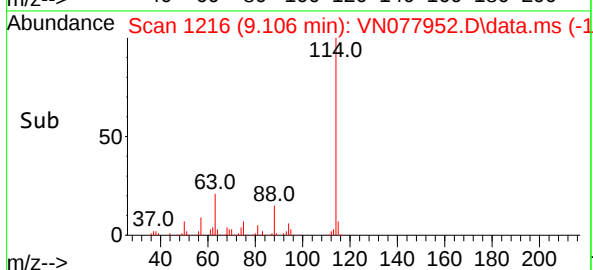
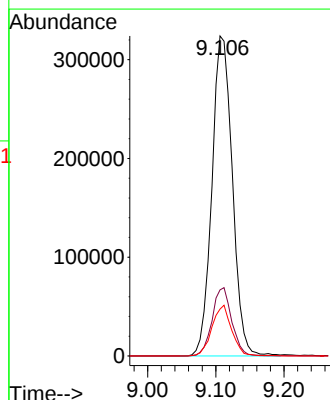
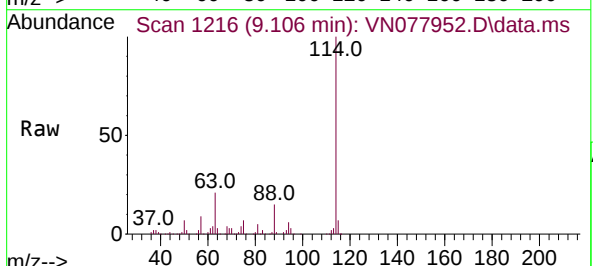
Tgt Ion: 114 Resp: 677772

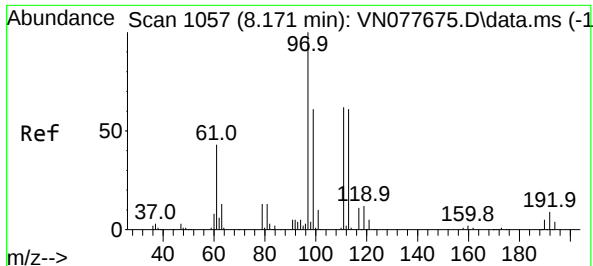
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.443 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

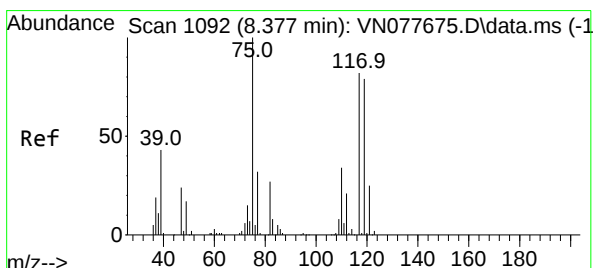
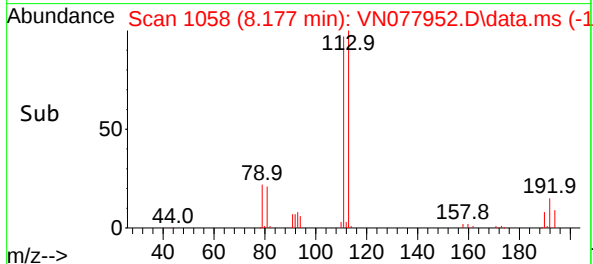
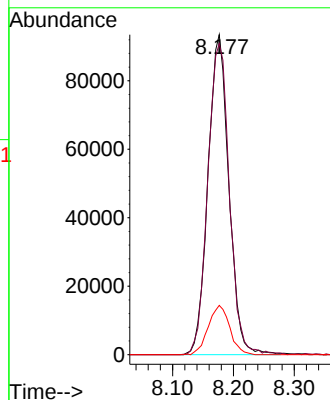
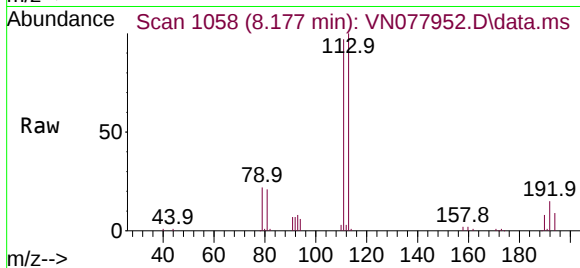
Tgt Ion:113 Resp: 222941

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 15.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

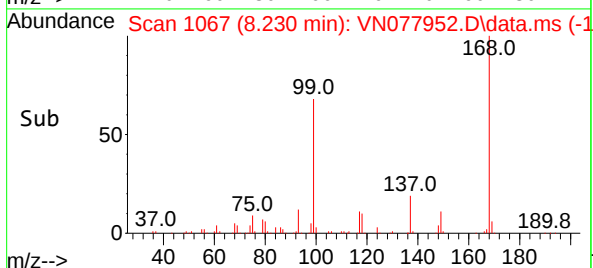
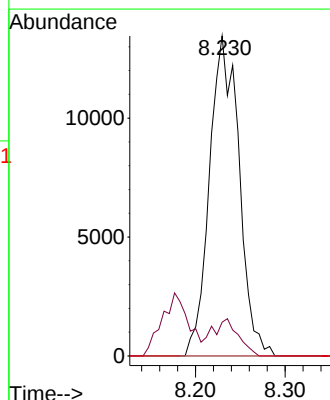
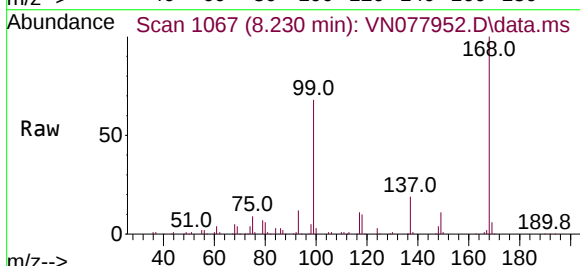
Tgt Ion: 75 Resp: 30752

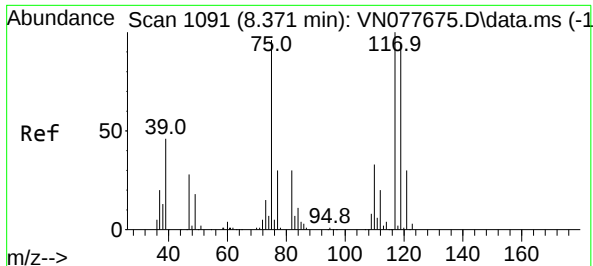
Ion Ratio Lower Upper

75 100

110 10.4 19.1 57.3#

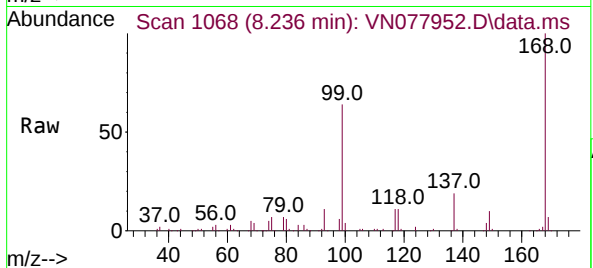
77 0.0 25.0 37.4#



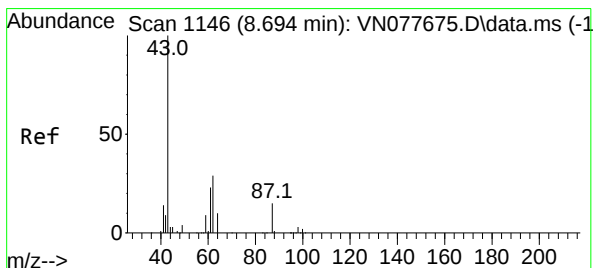
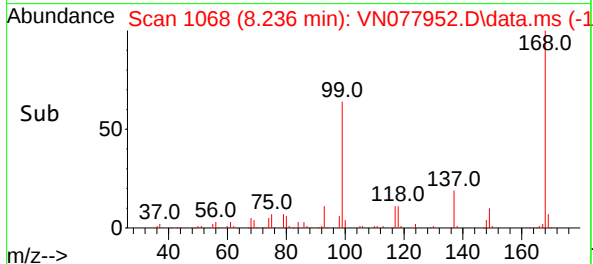
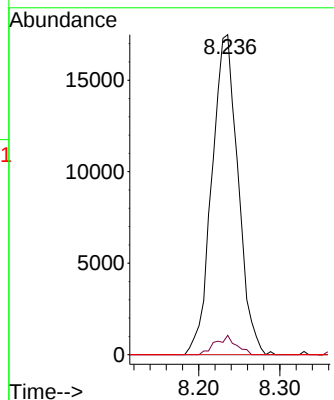


#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 8.236 min Scan# 1150
Delta R.T. -0.135 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

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

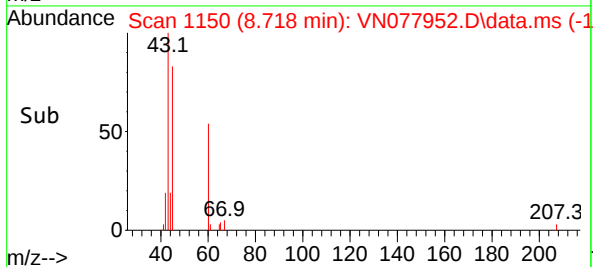
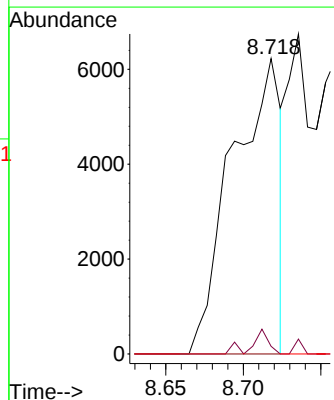
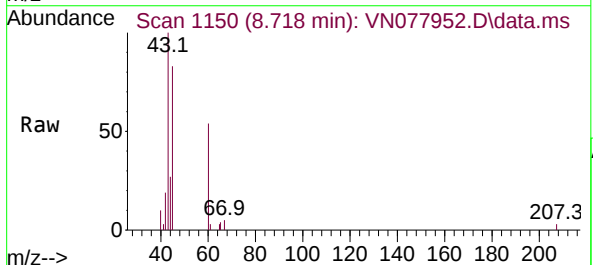


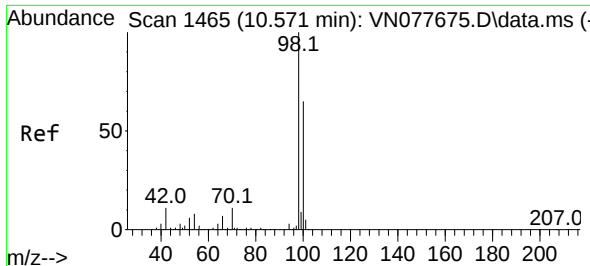
Tgt Ion:117 Resp: 39160
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 1.437 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 43 Resp: 13523
Ion Ratio Lower Upper
43 100
61 2.9 24.7 37.1#
87 0.0 14.6 21.8#

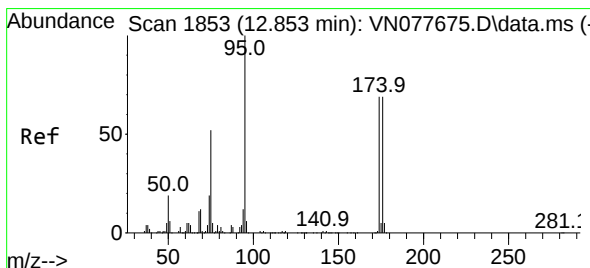
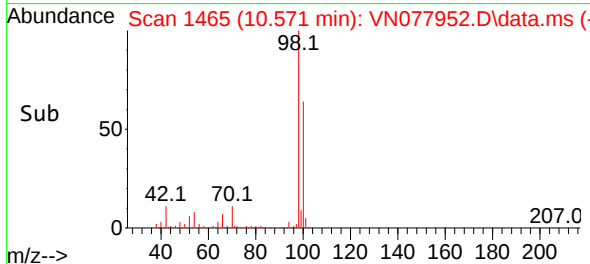
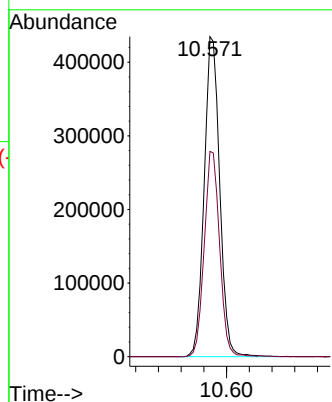
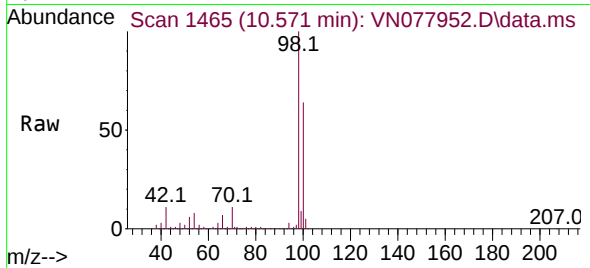




#50
Toluene-d8
Concen: 48.330 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

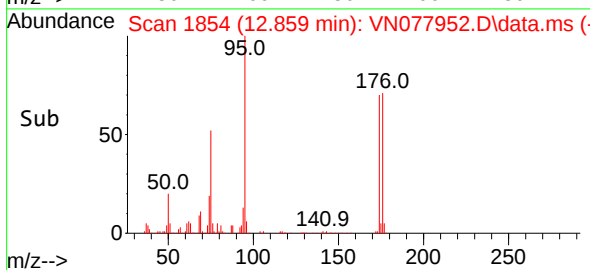
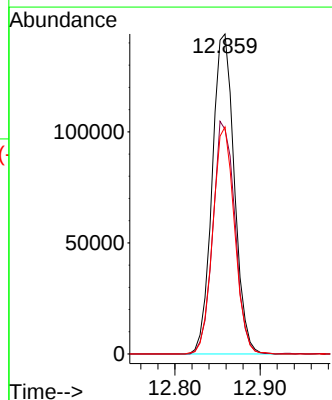
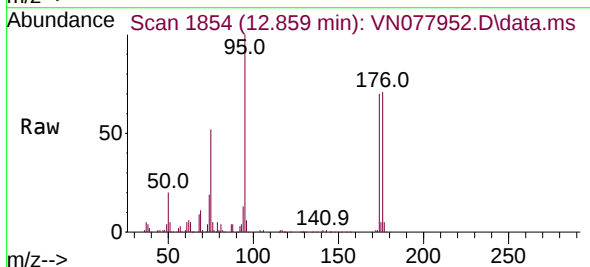
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

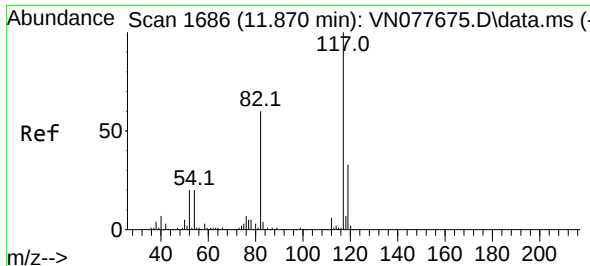
Tgt Ion: 98 Resp: 822174
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.207 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 95 Resp: 259595
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.0 0.0 135.8

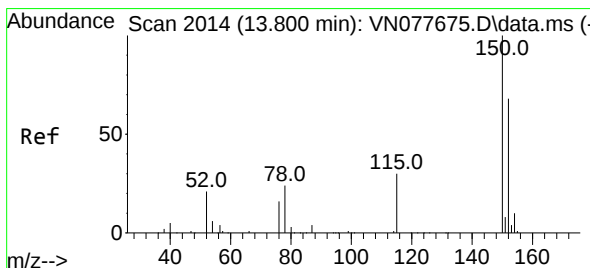
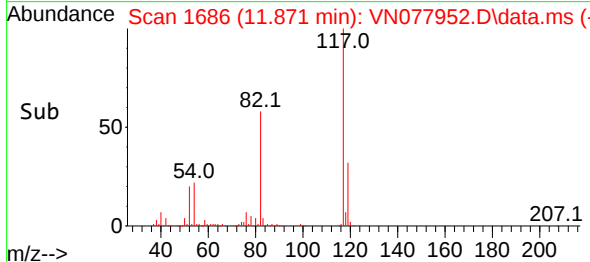
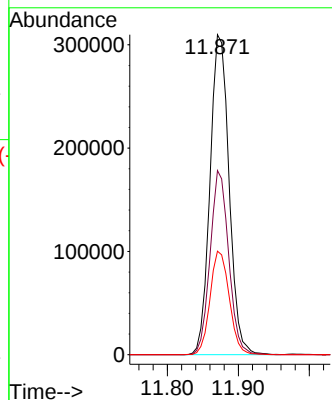
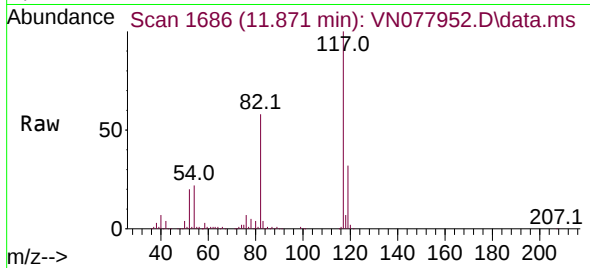




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

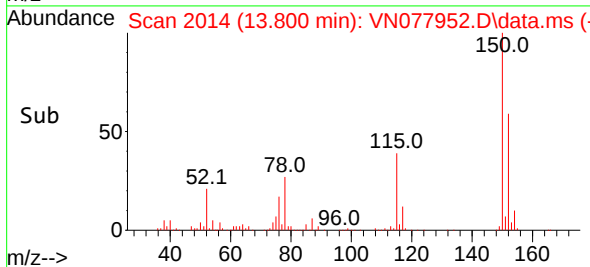
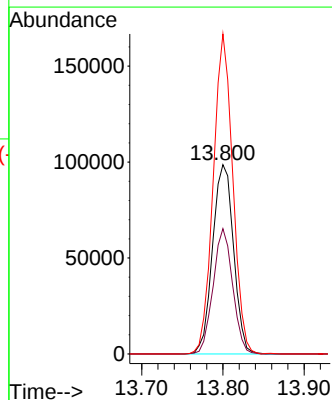
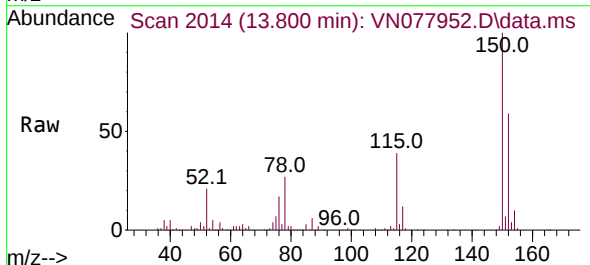
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

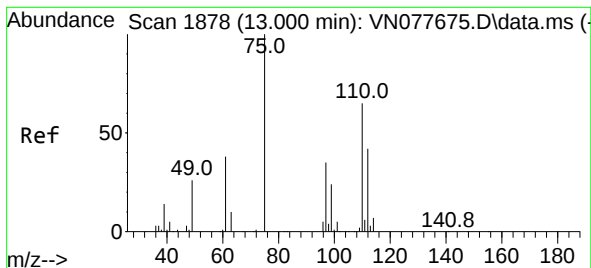
Tgt Ion:117 Resp: 577041
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion:152 Resp: 176971
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 30.835 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

Instrument :

MSVOA_N

ClientSampleId :

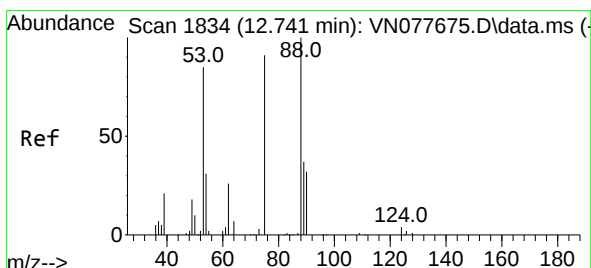
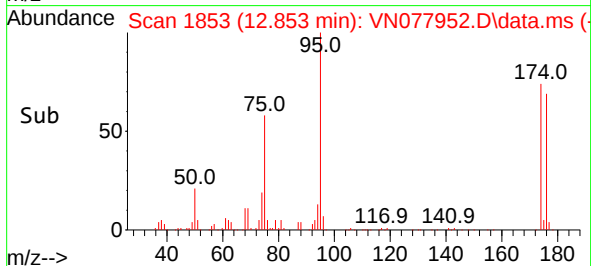
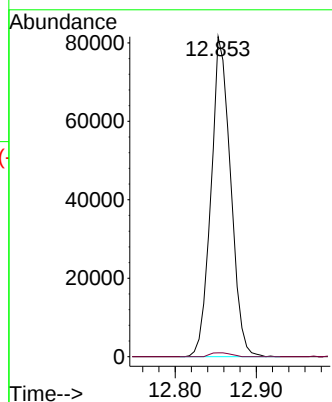
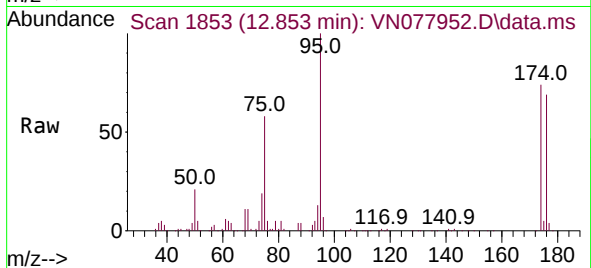
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 136662

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.566 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077952.D

Acq: 27 May 2023 03:15

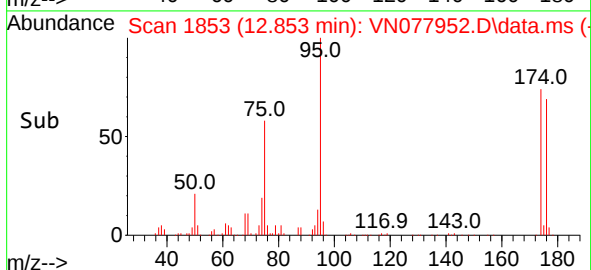
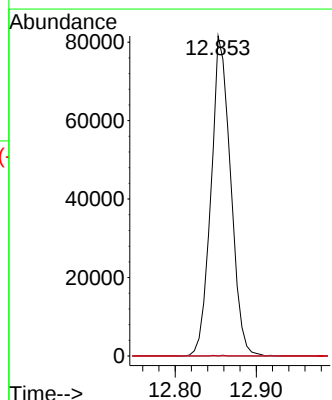
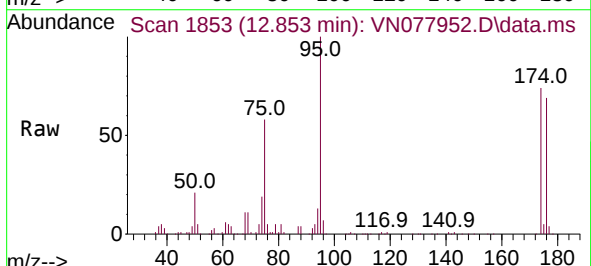
Tgt Ion: 75 Resp: 136662

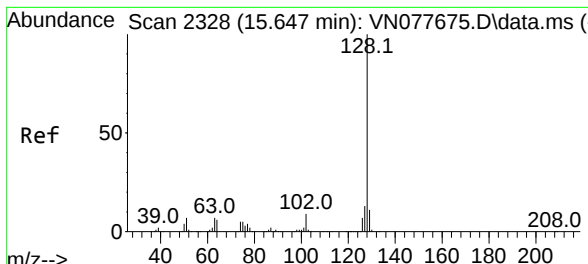
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#95
 Naphthalene
 Concen: 1.300 ug/l
 RT: 15.653 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077952.D
 Acq: 27 May 2023 03:15

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

Tgt Ion:	128	Resp:	15732
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	12.0	8.7	13.1

