

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081568.D
 Acq On : 25 Mar 2024 18:04
 Operator : JC\MD
 Sample : P1840-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Mar 26 01:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

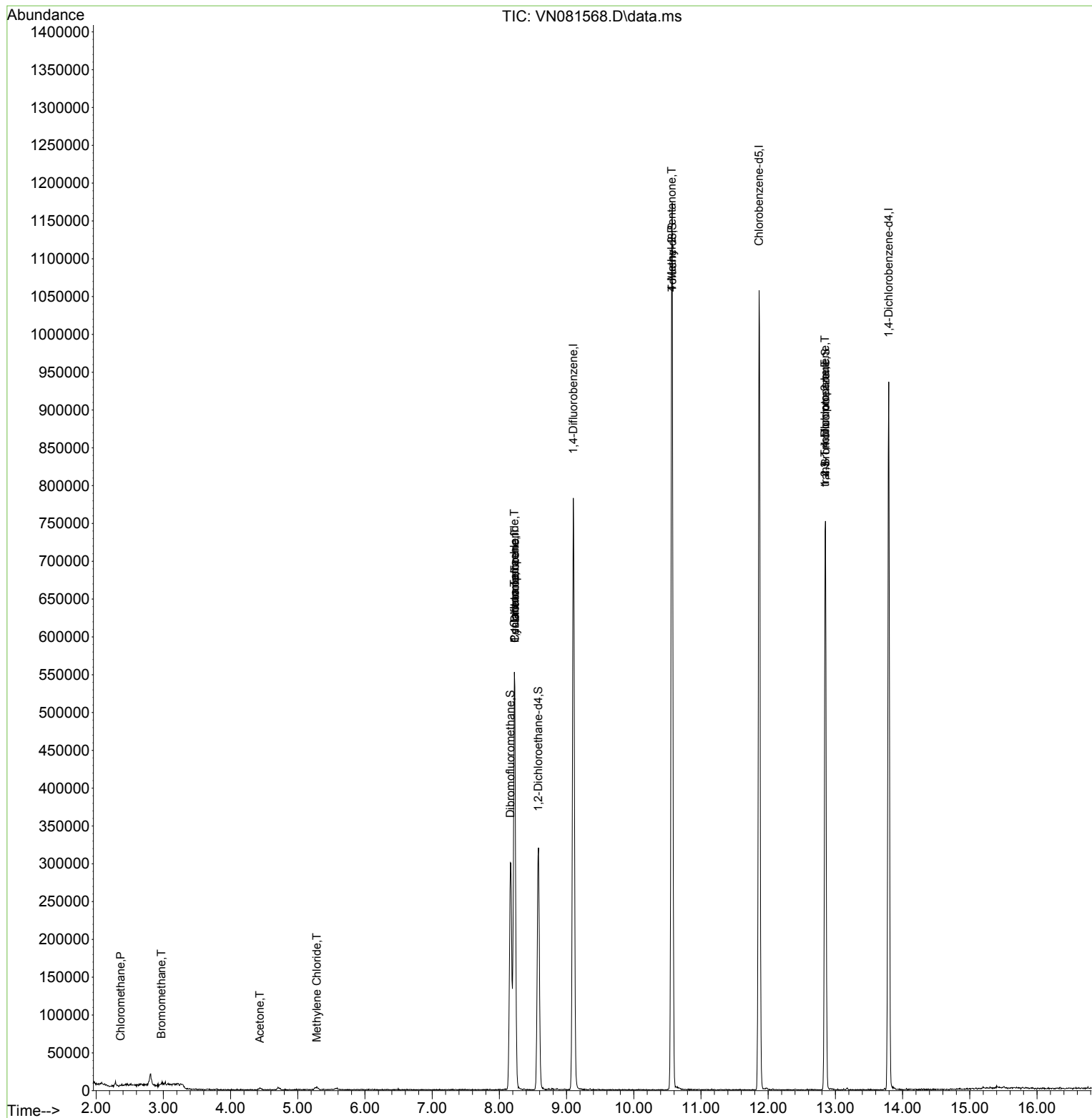
Internal Standards						
1) Pentafluorobenzene	8.230	168	386448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	694053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	256583	52.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.120%			
35) Dibromofluoromethane	8.165	113	219342	50.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	10.571	98	829049	52.359	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.853	95	259093	46.439	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.880%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1375	0.265	ug/l #	43
5) Bromomethane	2.971	94	1782	0.433	ug/l #	28
16) Acetone	4.436	43	2042	1.282	ug/l	97
20) Methylene Chloride	5.283	84	2959	0.567	ug/l #	80
31) Cyclohexane	8.230	56	8860	1.105	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	31007	4.206	ug/l #	52
38) Carbon Tetrachloride	8.224	117	43905	5.437	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3431	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	138053	23.368	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	138053	63.148	ug/l #	14

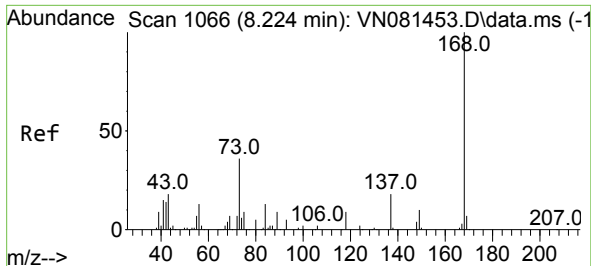
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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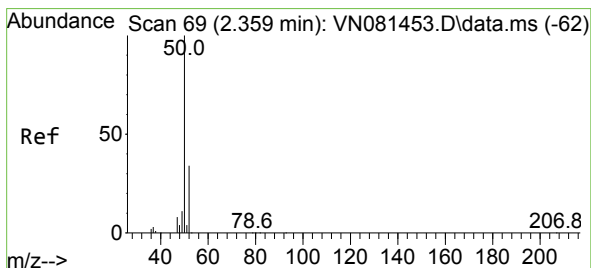
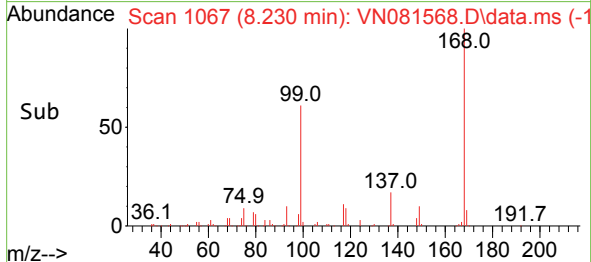
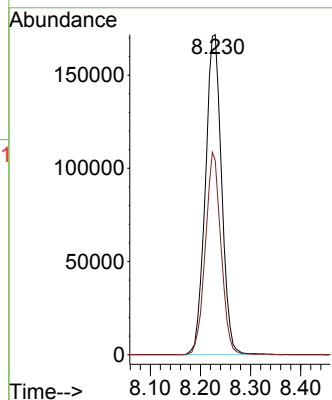
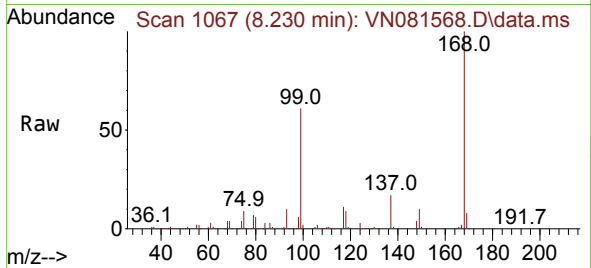




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

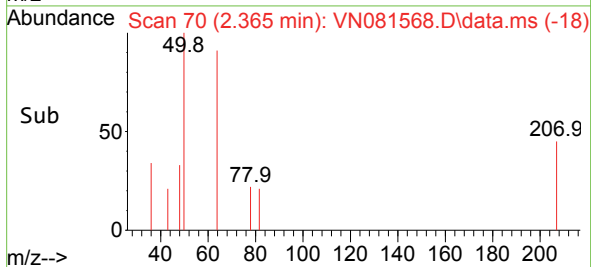
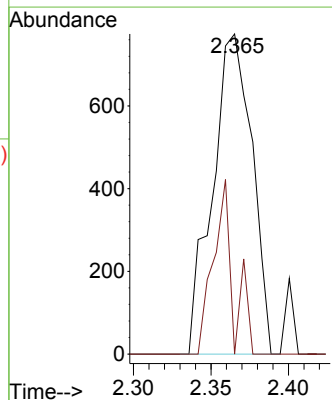
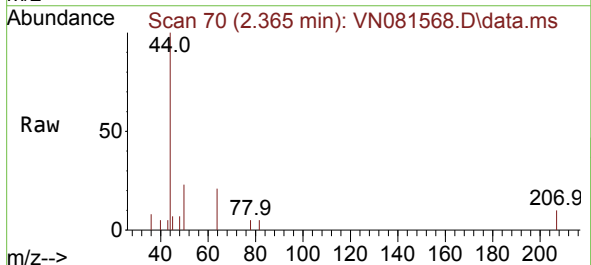
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

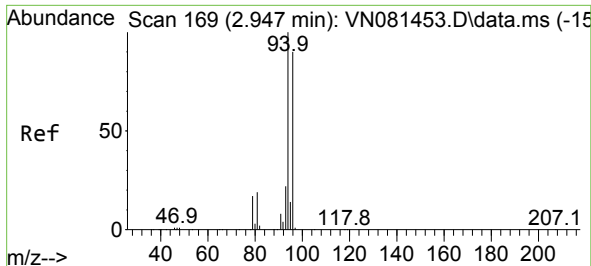
Tgt Ion:168 Resp: 386448
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9



#3
Chloromethane
Concen: 0.265 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 50 Resp: 1375
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

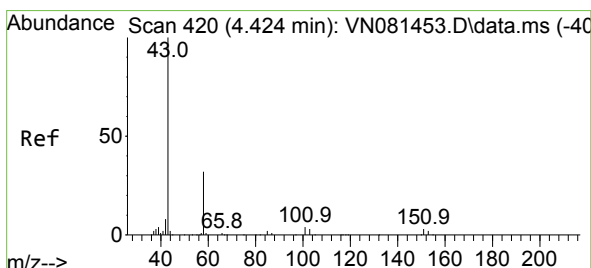
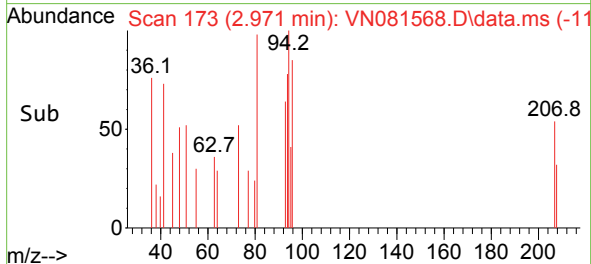
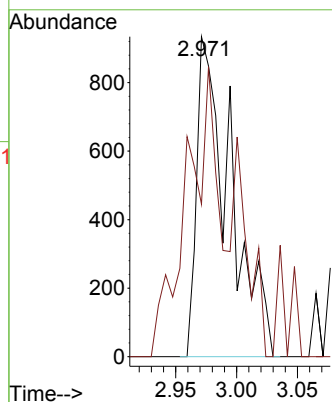
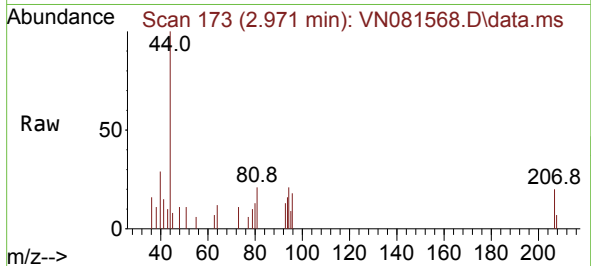




#5
Bromomethane
Concen: 0.433 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

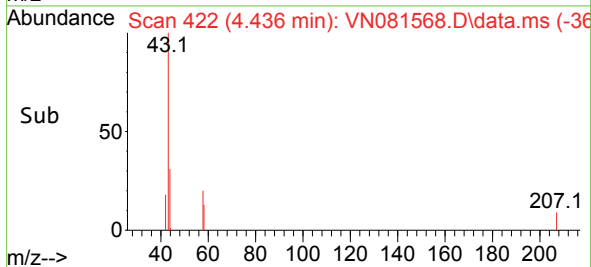
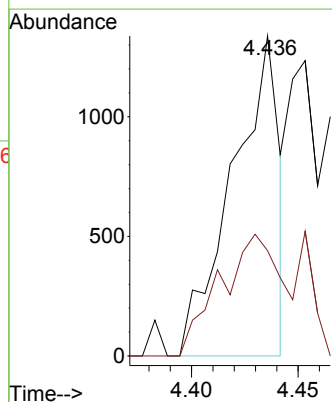
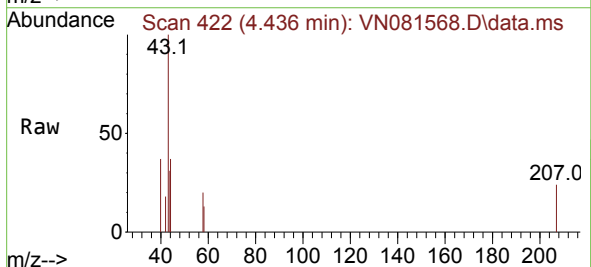
Instrument :
MSVOA_N
ClientSampleId :
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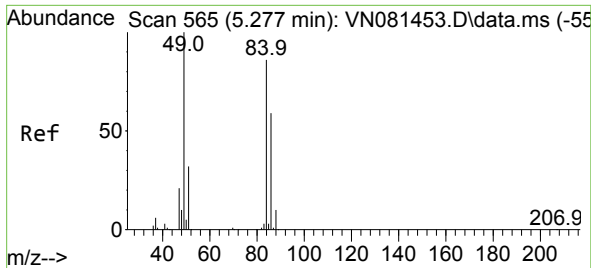
Tgt Ion: 94 Resp: 1782
Ion Ratio Lower Upper
94 100
96 20.0 69.2 103.8#



#16
Acetone
Concen: 1.282 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 32.9 24.8 37.2

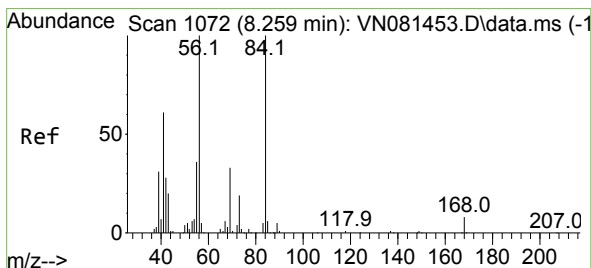
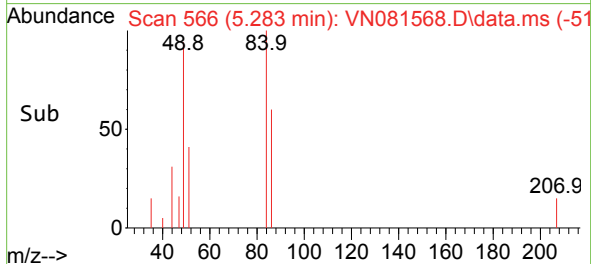
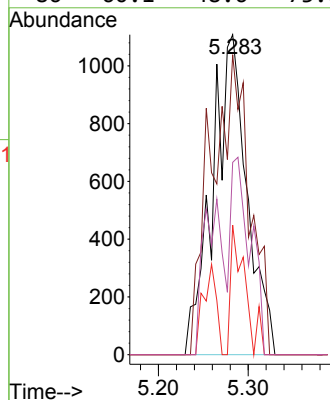
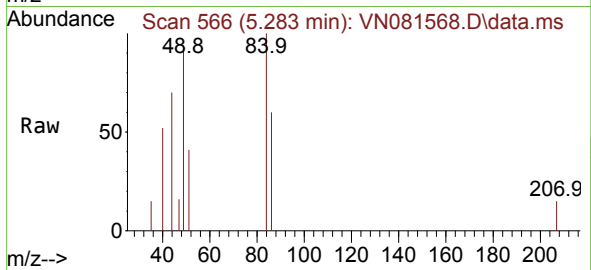




#20
Methylene Chloride
Concen: 0.567 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

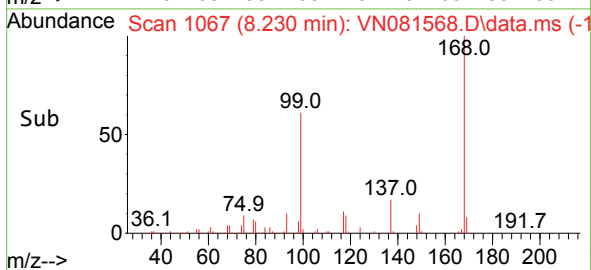
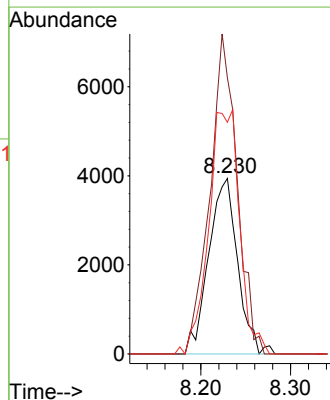
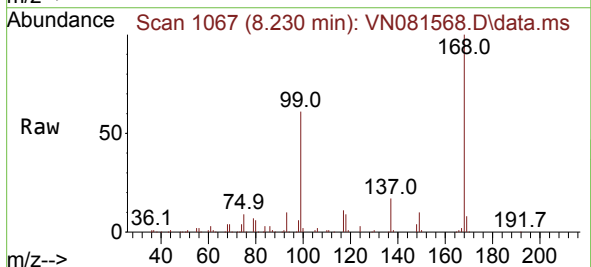
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

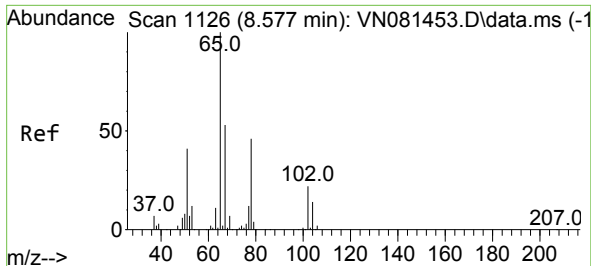
Tgt Ion:	84	Resp:	2959
Ion	Ratio	Lower	Upper
84	100		
49	93.8	108.1	162.1#
51	40.5	32.9	49.3
86	60.1	48.6	73.0



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion:	56	Resp:	8860
Ion	Ratio	Lower	Upper
56	100		
69	148.4	20.1	30.1#
84	124.5	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.064 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081568.D

Acq: 25 Mar 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

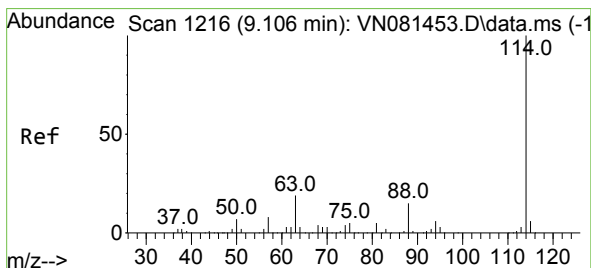
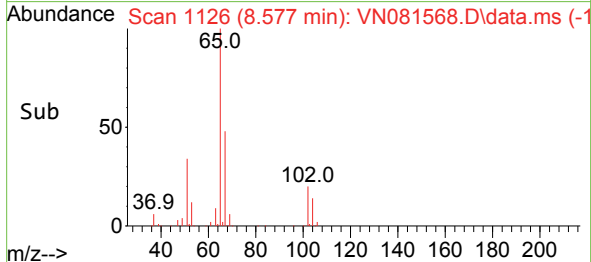
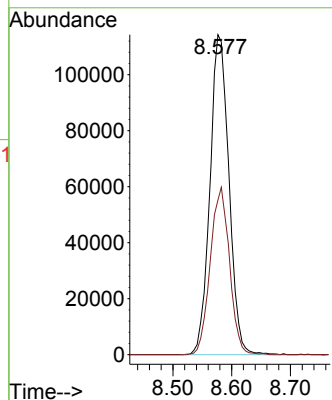
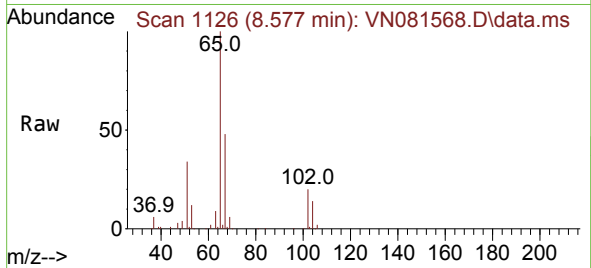
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 256583

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081568.D

Acq: 25 Mar 2024 18:04

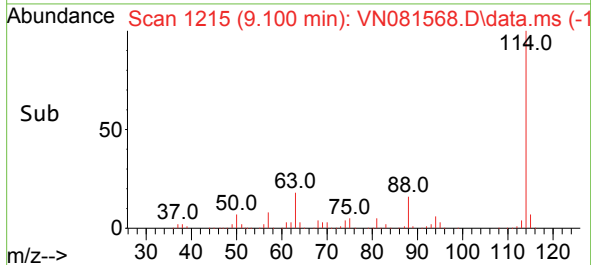
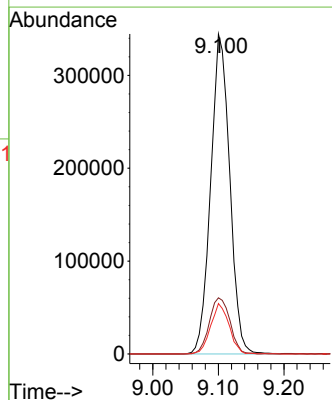
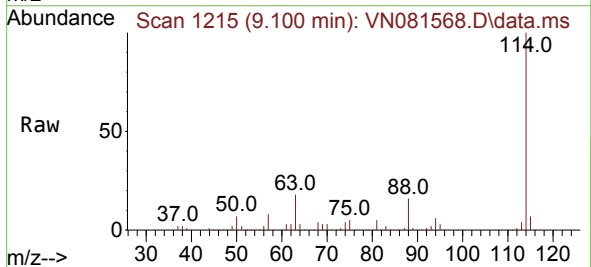
Tgt Ion: 114 Resp: 694053

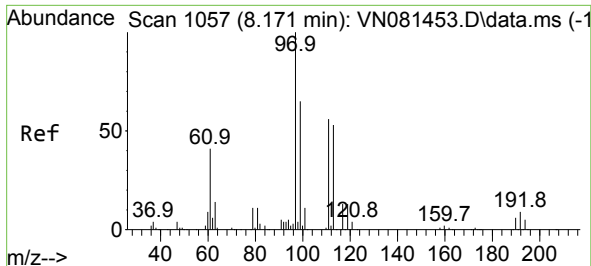
Ion Ratio Lower Upper

114 100

63 17.6 0.0 48.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081568.D

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Instrument :

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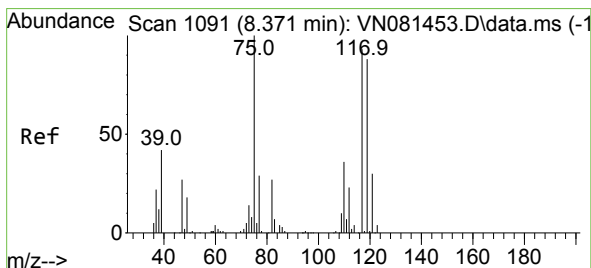
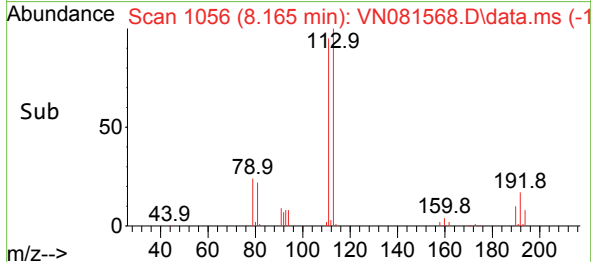
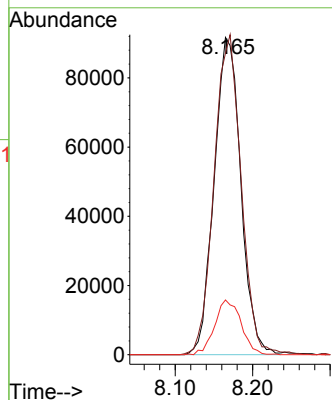
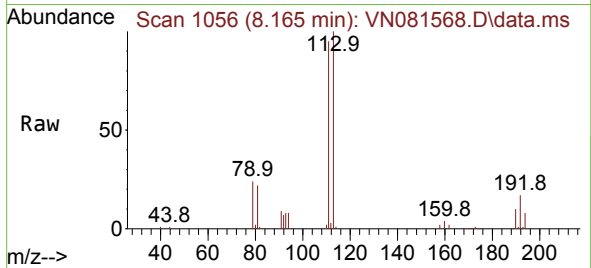
Tgt Ion:113 Resp: 219342

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 17.1 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.206 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081568.D

Acq: 25 Mar 2024 18:04

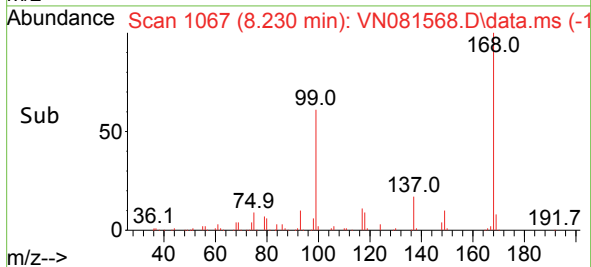
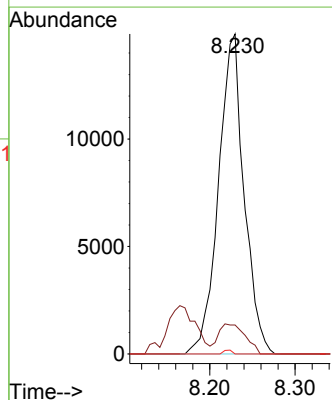
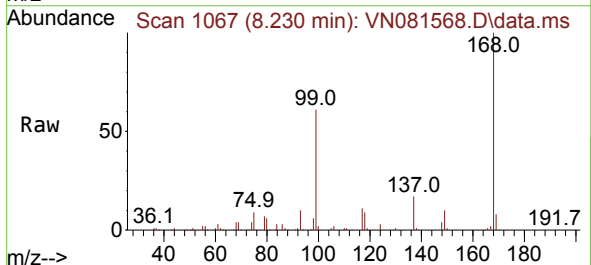
Tgt Ion: 75 Resp: 31007

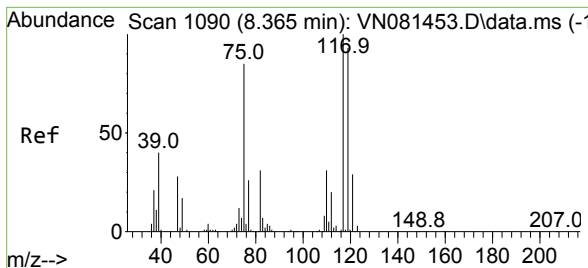
Ion Ratio Lower Upper

75 100

110 9.9 16.0 48.0#

77 0.4 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.437 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN081568.D

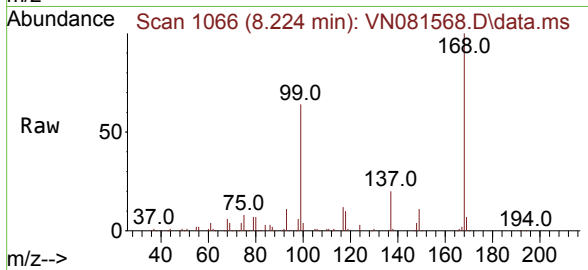
Acq: 25 Mar 2024 18:04

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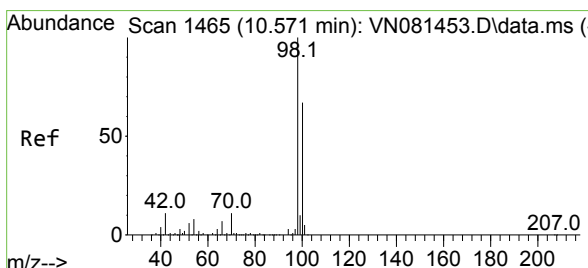
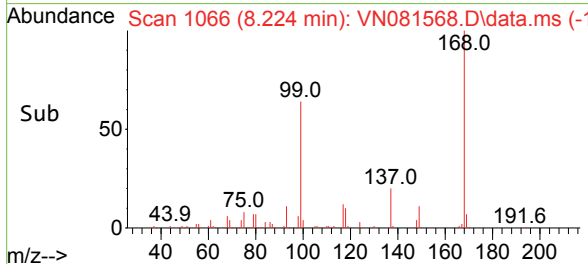
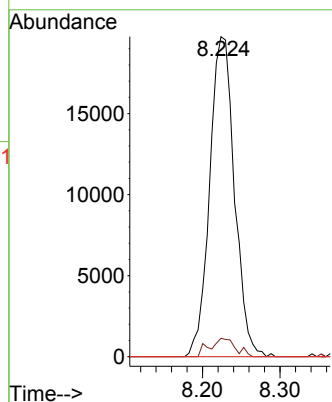
Tgt Ion:117 Resp: 43905

Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 52.359 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081568.D

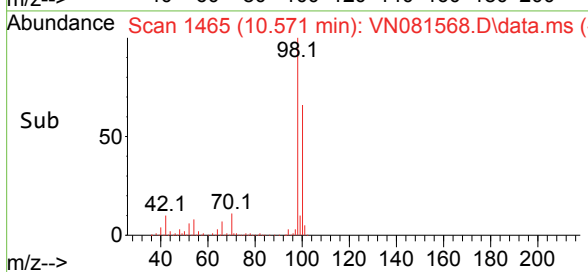
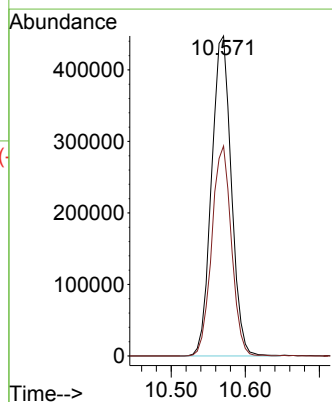
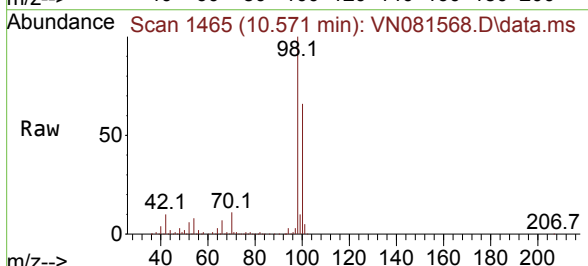
Acq: 25 Mar 2024 18:04

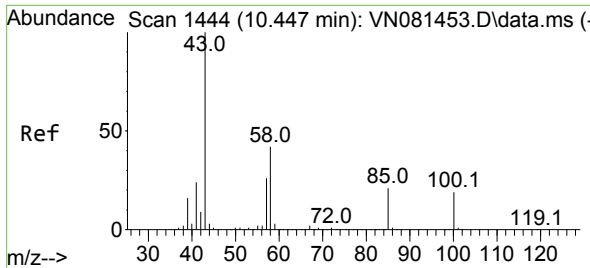
Tgt Ion: 98 Resp: 829049

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

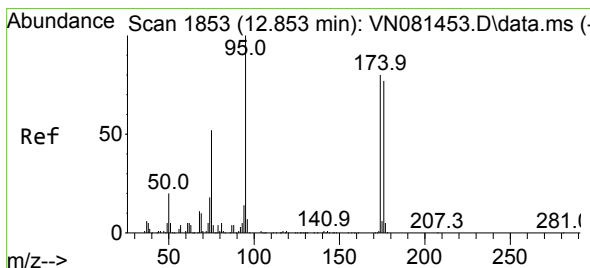
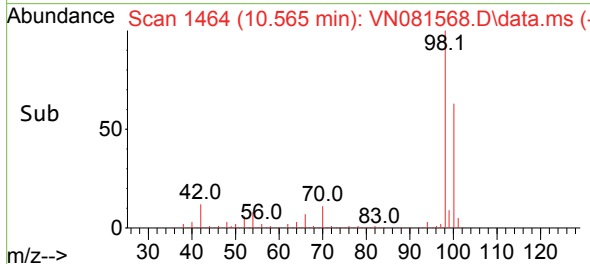
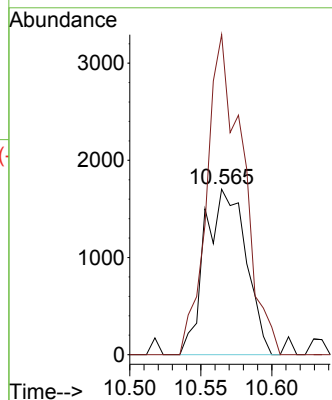
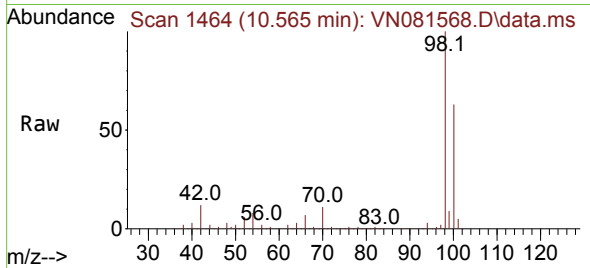




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

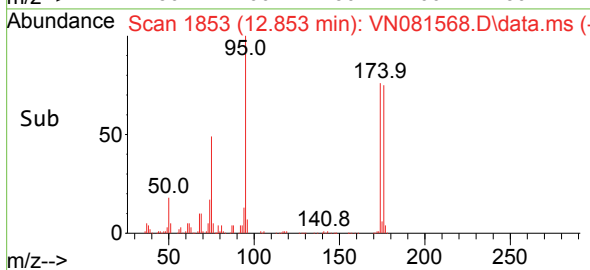
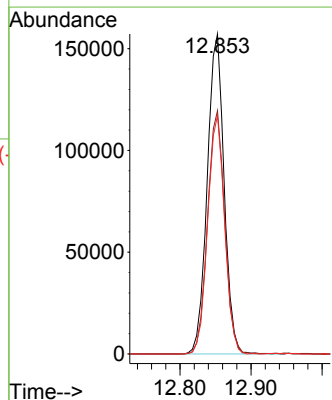
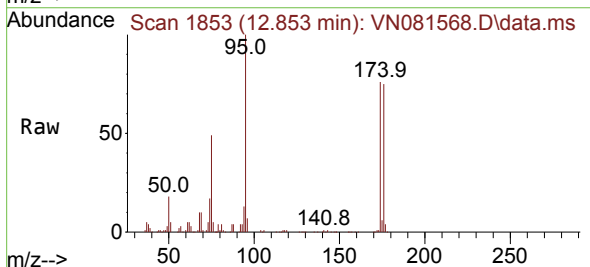
Instrument :
MSVOA_N
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STORAGE-BLANK-SOIL-REF-6

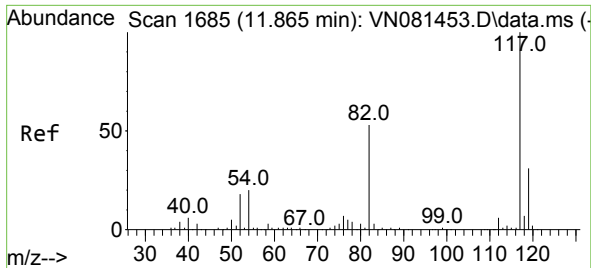
Tgt Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
58 169.5 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.439 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 95 Resp: 259093
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 74.7 0.0 121.0

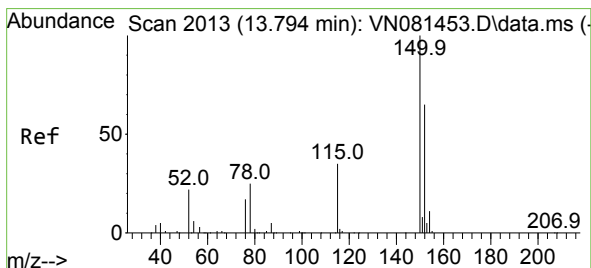
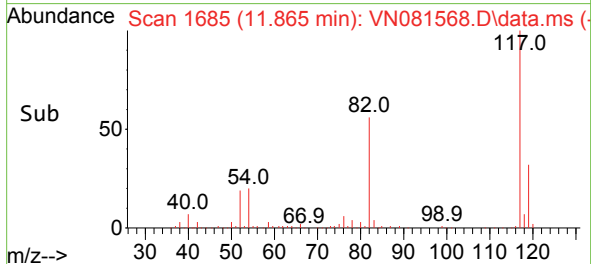
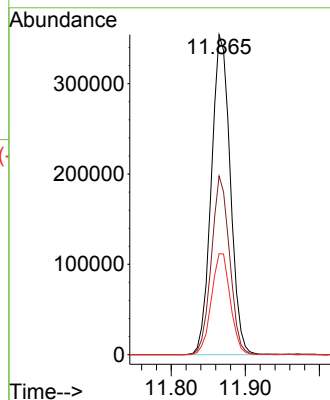
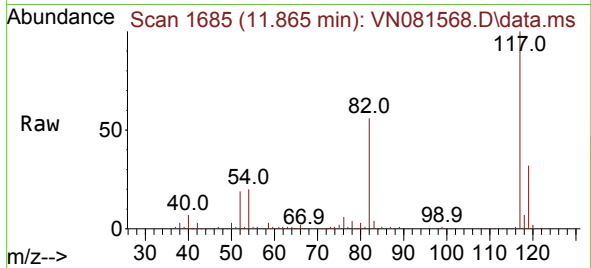




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

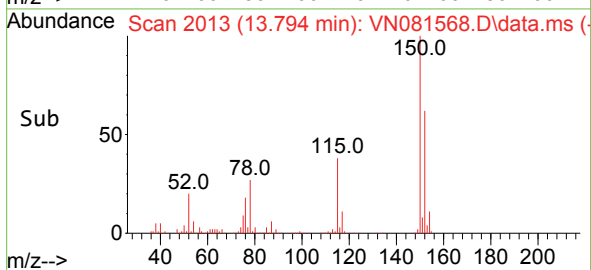
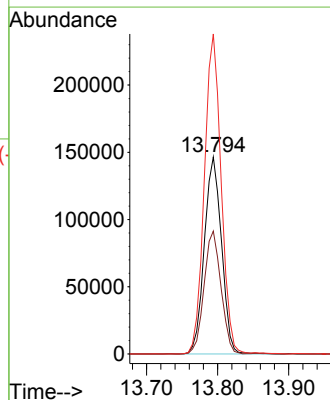
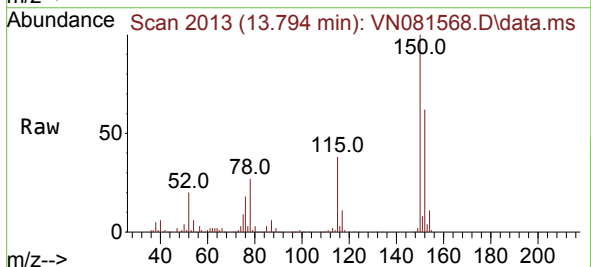
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

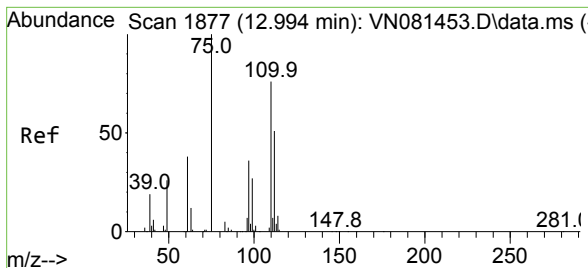
Tgt Ion:117 Resp: 628314
Ion Ratio Lower Upper
117 100
82 55.8 52.7 79.1
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion:152 Resp: 246977
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 158.3 0.0 339.8

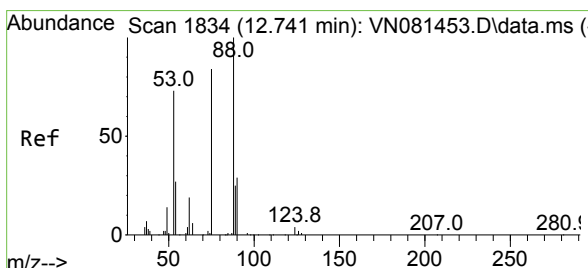
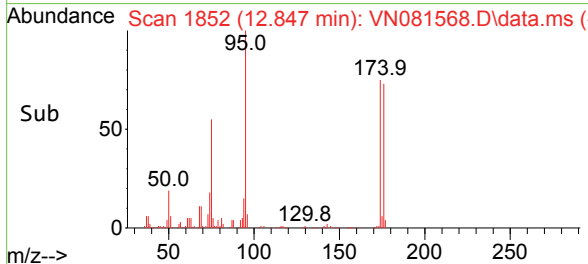
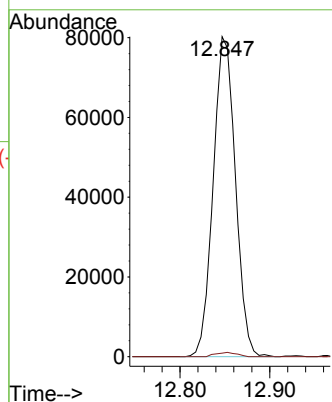
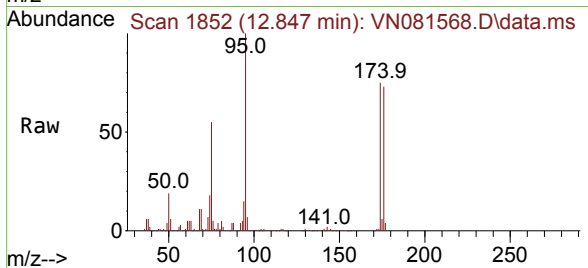




#76
1,2,3-Trichloropropane
Concen: 23.368 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

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

Tgt Ion: 75 Resp: 138053
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.148 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 75 Resp: 138053
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

