

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082610.D
 Acq On : 17 Jun 2024 15:45
 Operator : JC\MD
 Sample : P2894-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jun 18 18:38:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

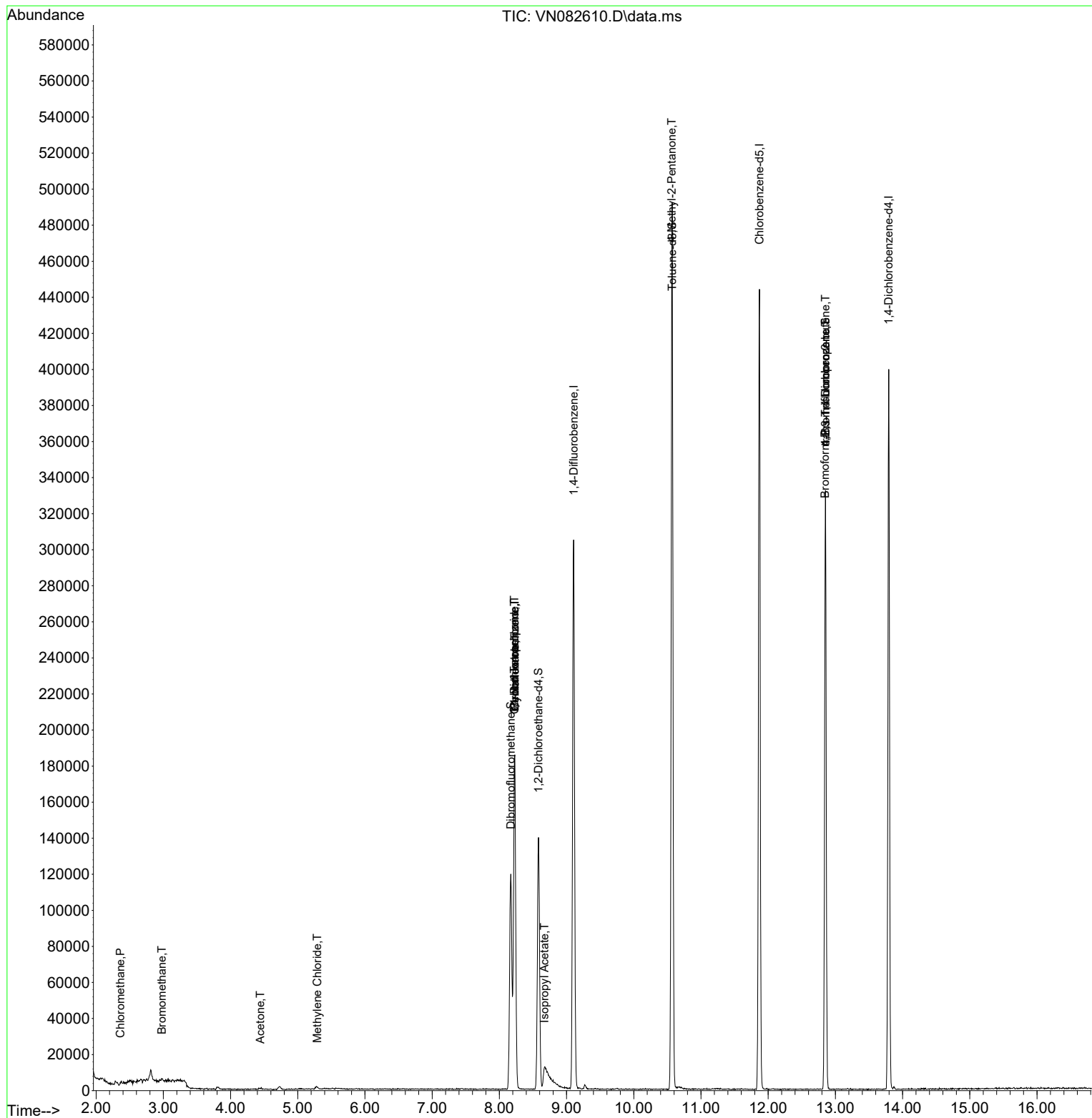
Internal Standards						
1) Pentafluorobenzene	8.230	168	132031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	234985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115957	54.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.540%		
35) Dibromofluoromethane	8.171	113	85284	51.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.200%		
50) Toluene-d8	10.571	98	310877	49.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 99.480%		
62) 4-Bromofluorobenzene	12.853	95	103051	47.820	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 95.640%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	823	0.372	ug/l #	85
5) Bromomethane	2.977	94	720	0.532	ug/l #	79
16) Acetone	4.442	43	910	0.945	ug/l #	48
20) Methylene Chloride	5.289	84	1180	0.697	ug/l #	45
31) Cyclohexane	8.230	56	3630	1.188	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	11752	4.756	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13992	5.025	ug/l #	19
43) Isopropyl Acetate	8.671	43	21835	3.712	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2309	0.765	ug/l #	1
71) Bromoform	12.847	173	606	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60882	24.887	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60882	59.539	ug/l #	6

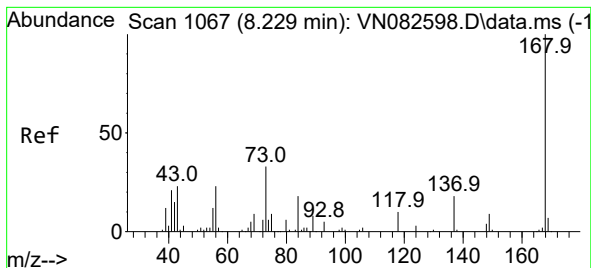
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

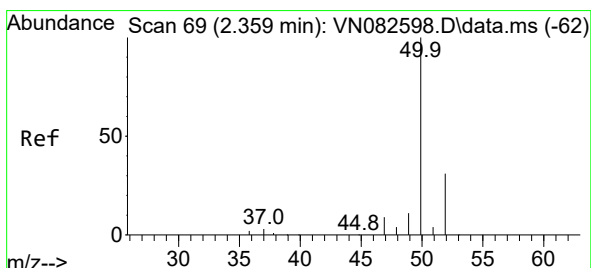
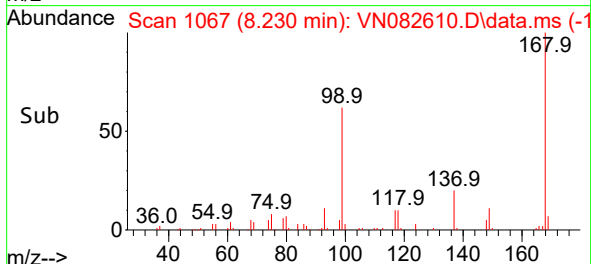
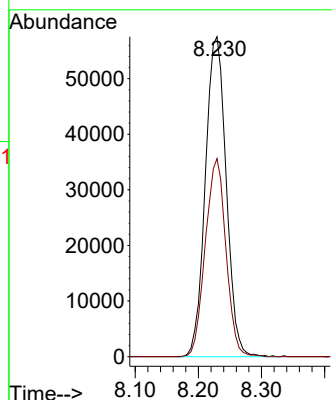
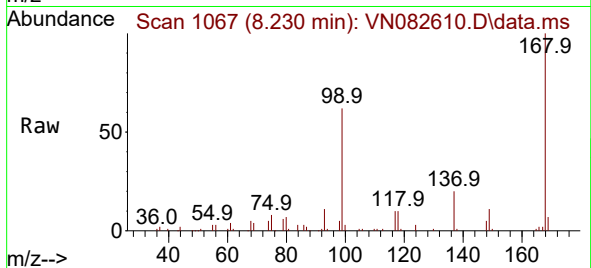
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 132031

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#3

Chloromethane

Concen: 0.372 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082610.D

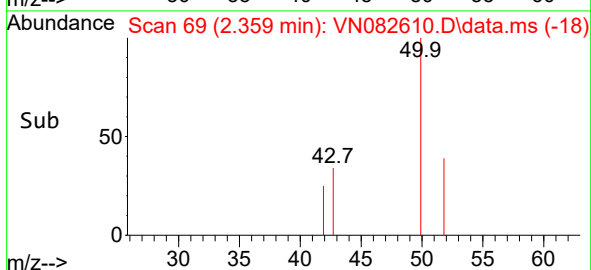
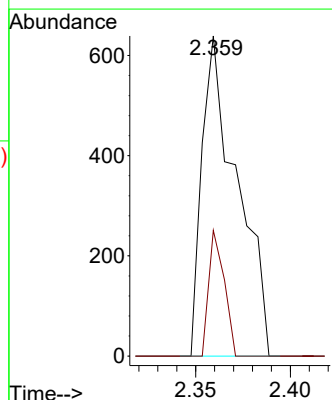
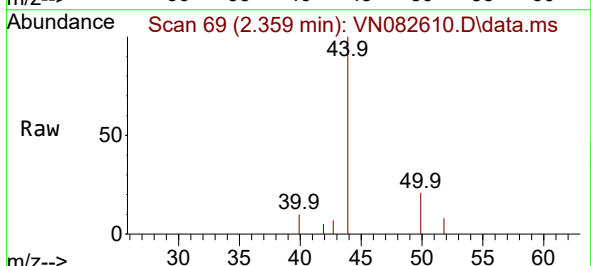
Acq: 17 Jun 2024 15:45

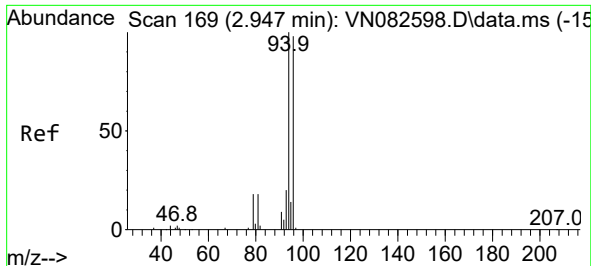
Tgt Ion: 50 Resp: 823

Ion Ratio Lower Upper

50 100

52 39.3 25.0 37.4#

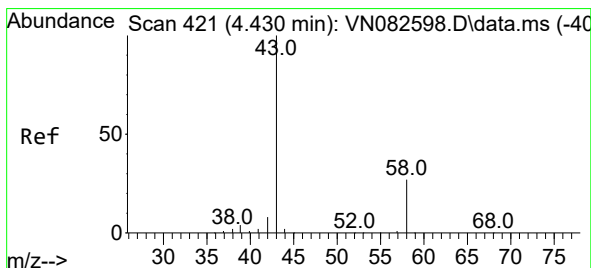
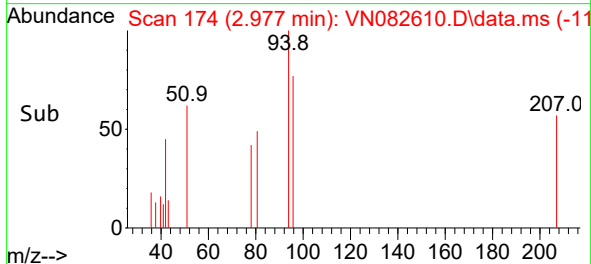
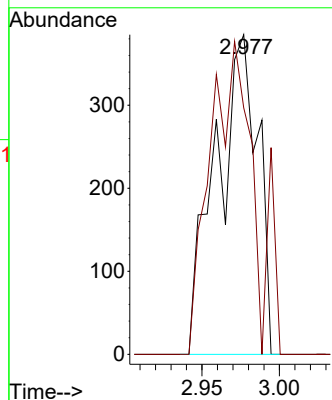
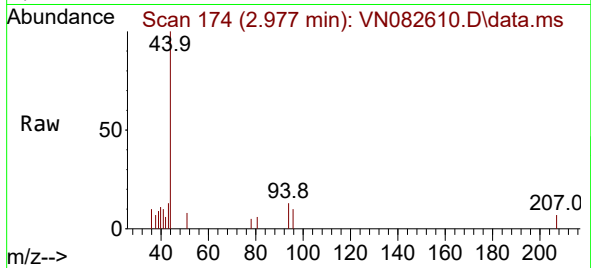




#5
Bromomethane
Concen: 0.532 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

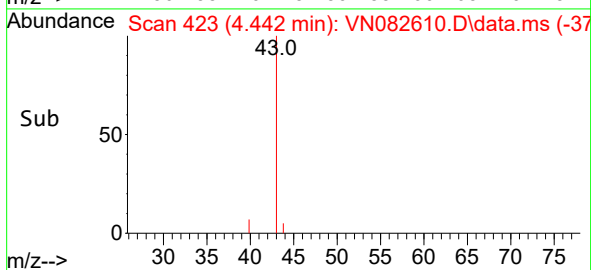
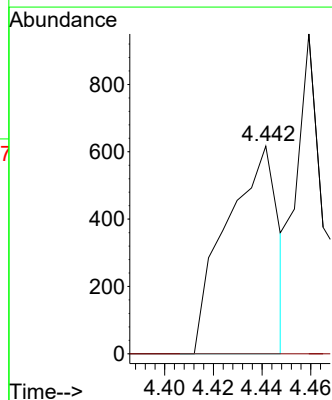
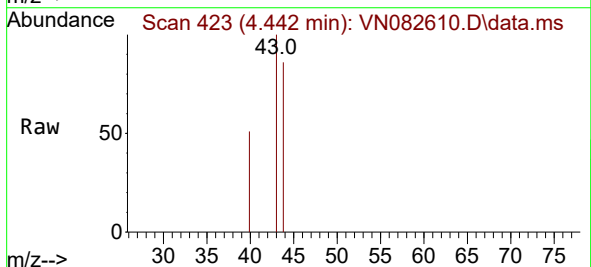
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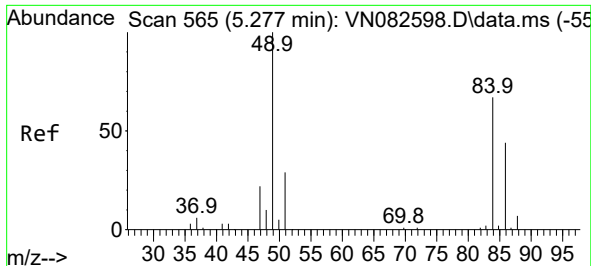
Tgt Ion: 94 Resp: 720
Ion Ratio Lower Upper
94 100
96 77.1 78.0 117.0#



#16
Acetone
Concen: 0.945 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

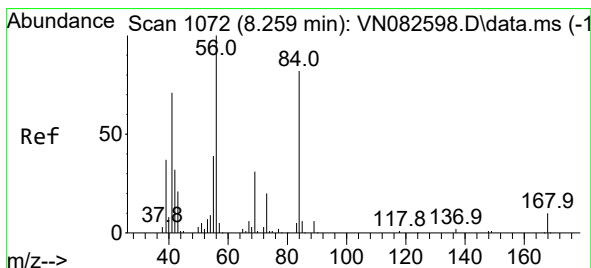
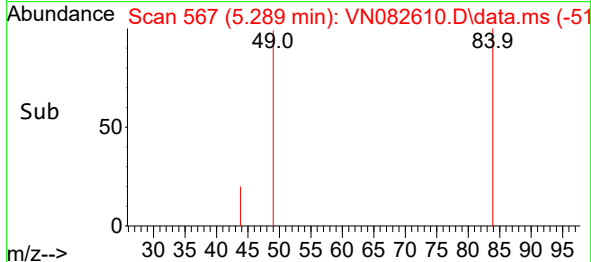
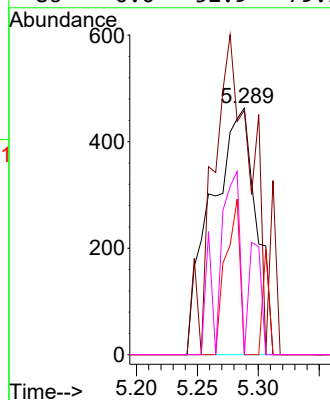
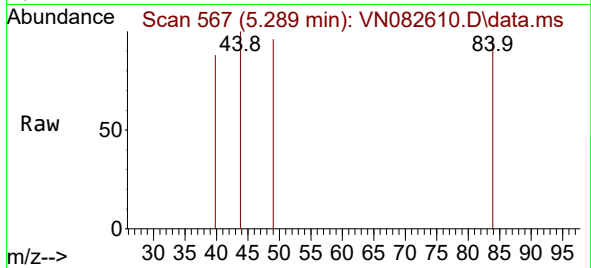




#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

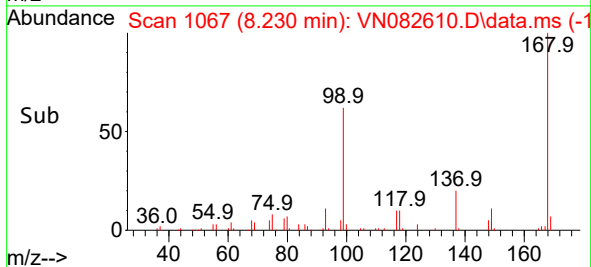
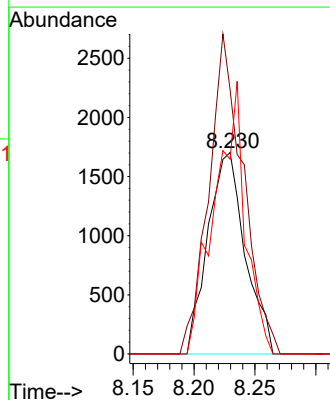
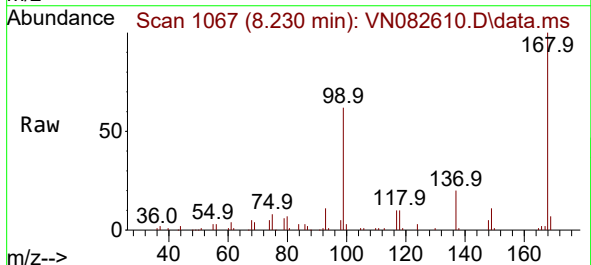
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

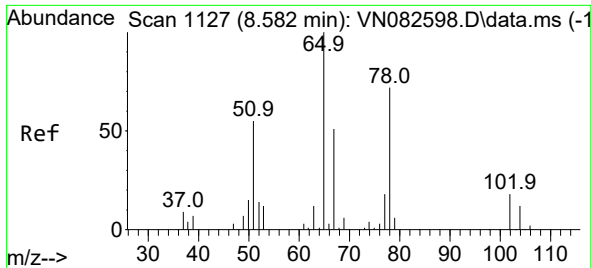
Tgt Ion:	84	Resp:	1180
Ion	Ratio	Lower	Upper
84	100		
49	99.1	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion:	56	Resp:	3630
Ion	Ratio	Lower	Upper
56	100		
69	131.2	24.5	36.7#
84	96.7	66.0	99.0

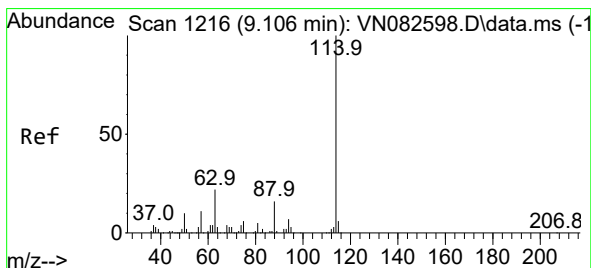
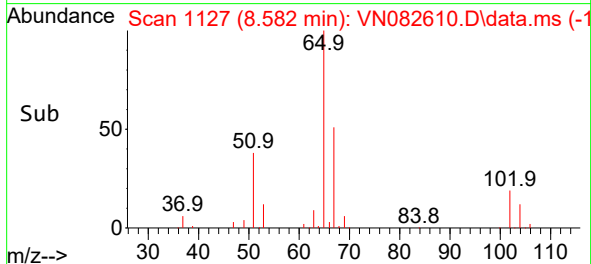
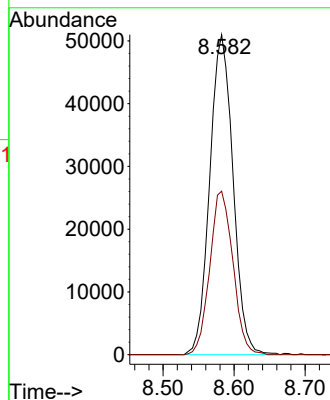
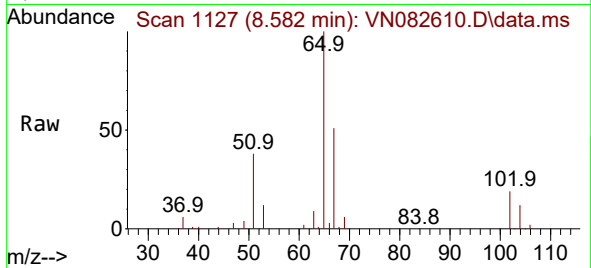




#33
 1,2-Dichloroethane-d4
 Concen: 54.767 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082610.D
 Acq: 17 Jun 2024 15:45

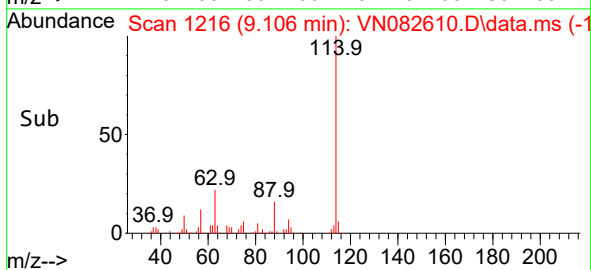
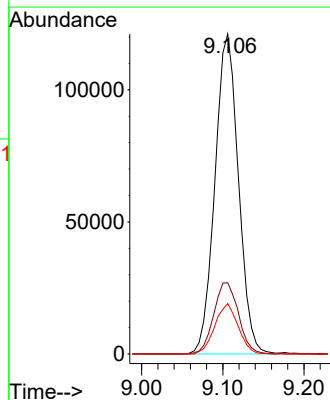
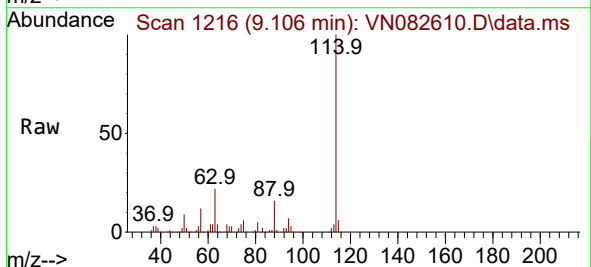
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

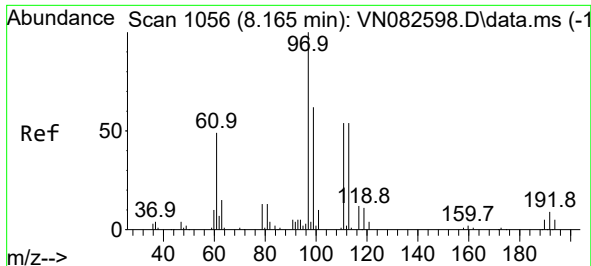
Tgt Ion: 65 Resp: 115957
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082610.D
 Acq: 17 Jun 2024 15:45

Tgt Ion: 114 Resp: 243645
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

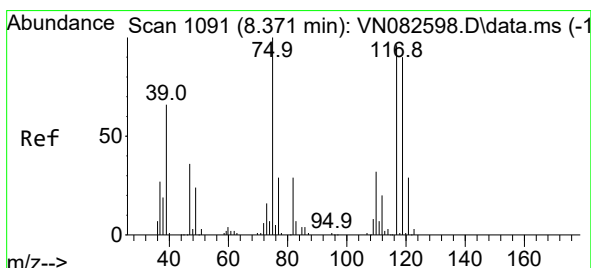
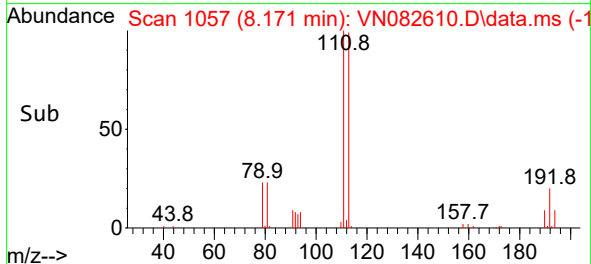
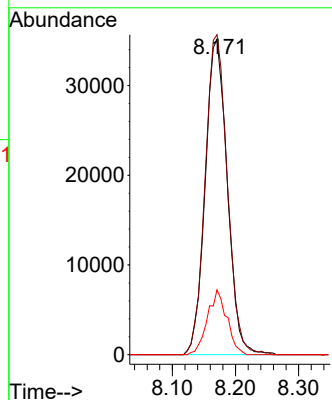
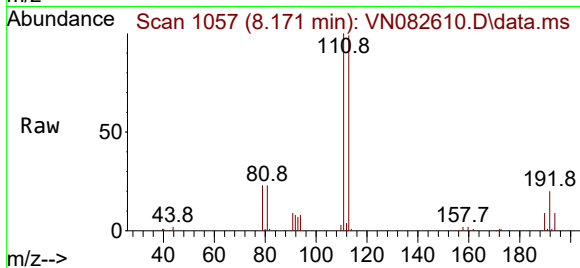
Tgt Ion:113 Resp: 85284

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

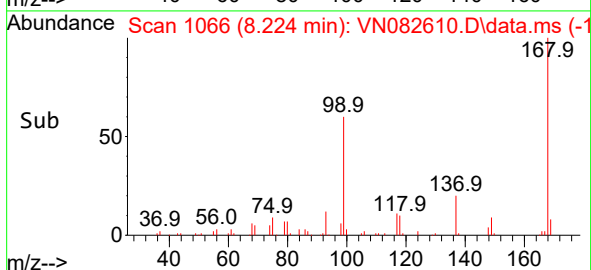
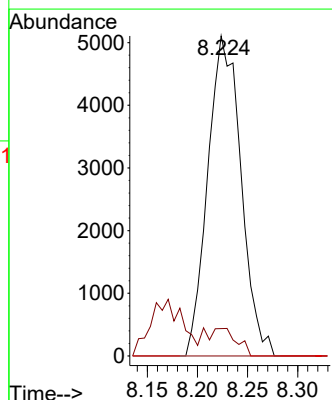
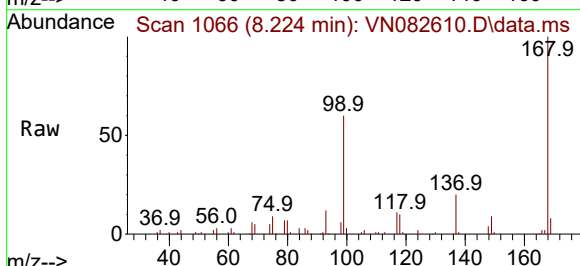
Tgt Ion: 75 Resp: 11752

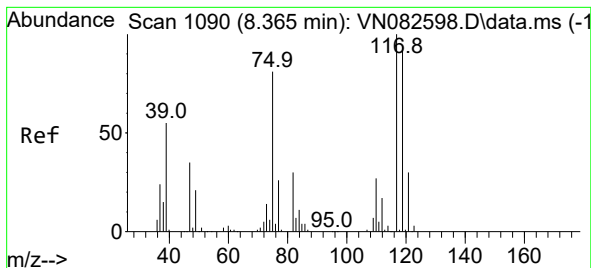
Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.025 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082610.D

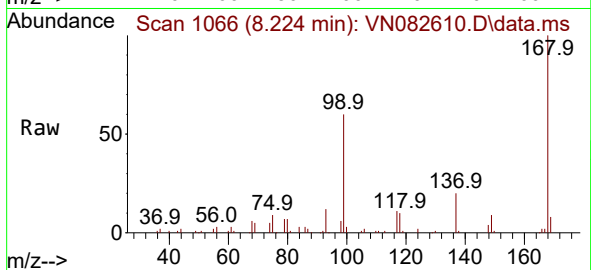
Acq: 17 Jun 2024 15:45

Instrument :

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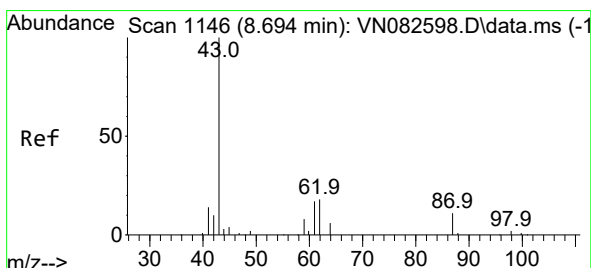
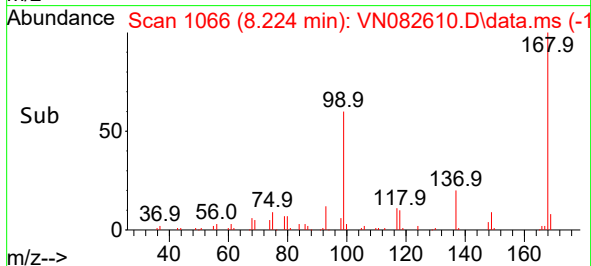
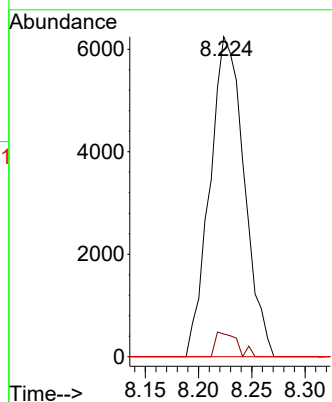
Tgt Ion:117 Resp: 13992

Ion Ratio Lower Upper

117 100

119 7.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 3.712 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.023 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

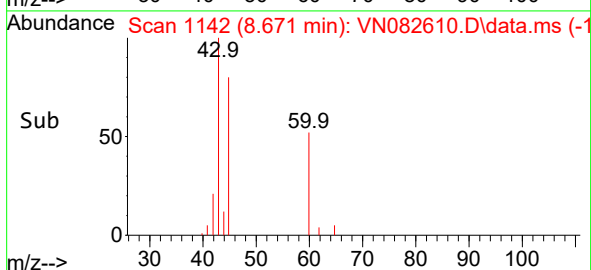
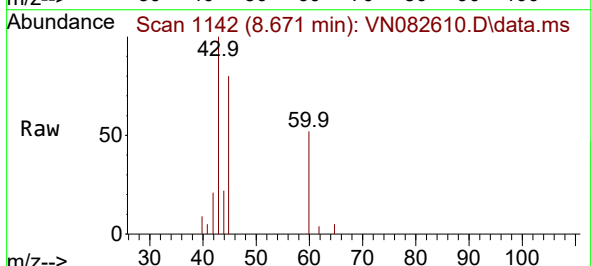
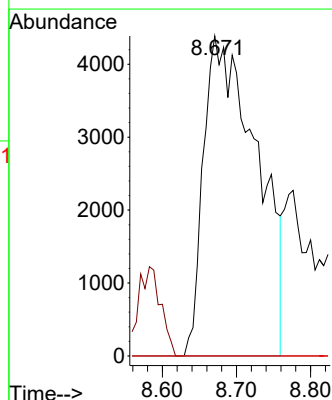
Tgt Ion: 43 Resp: 21835

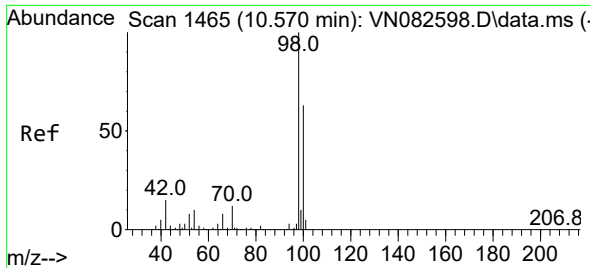
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

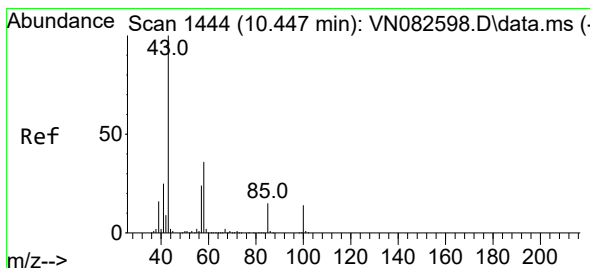
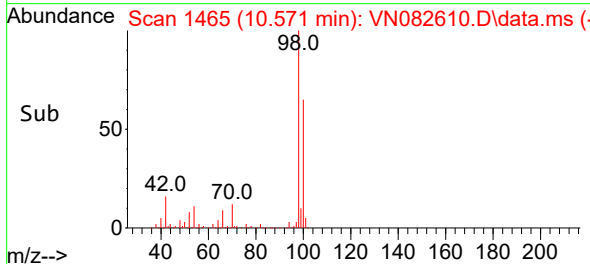
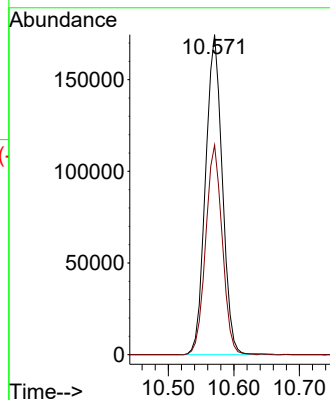
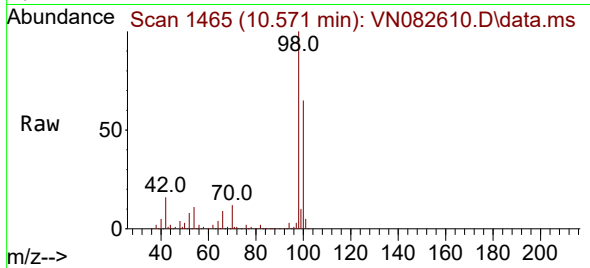




#50
Toluene-d8
Concen: 49.736 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

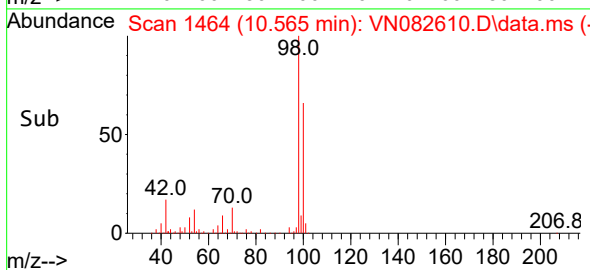
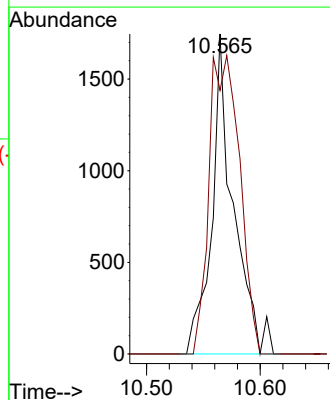
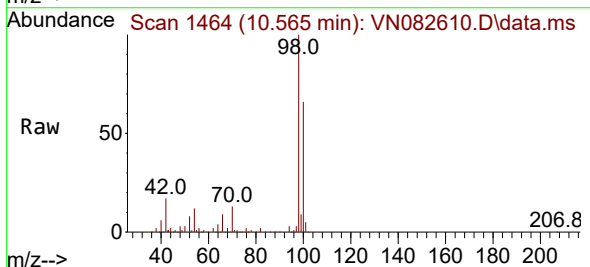
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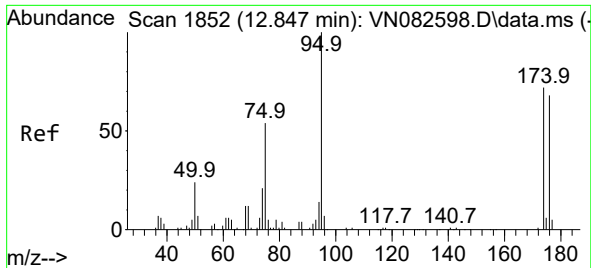
Tgt Ion: 98 Resp: 310877
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.765 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
58 132.4 28.2 42.4#

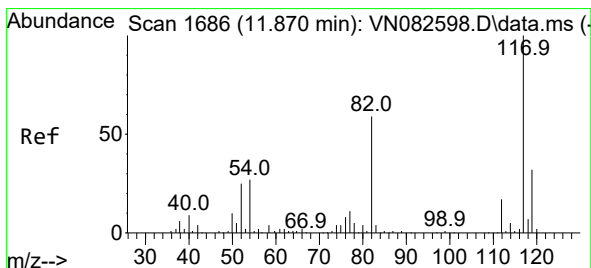
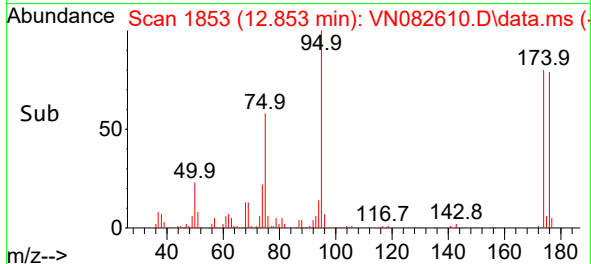
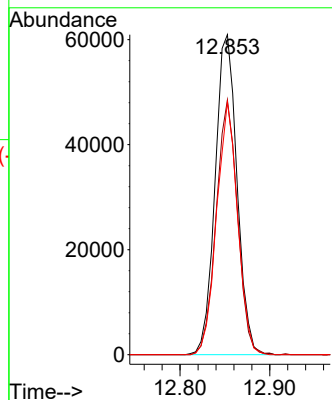
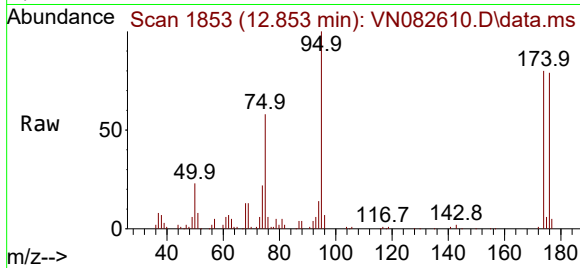




#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

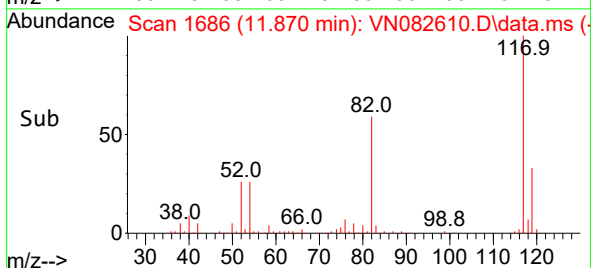
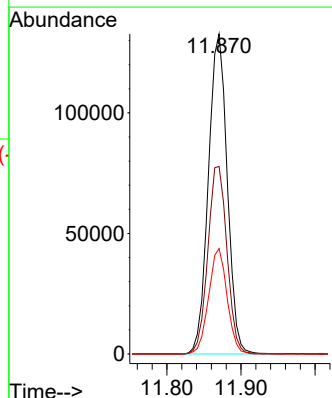
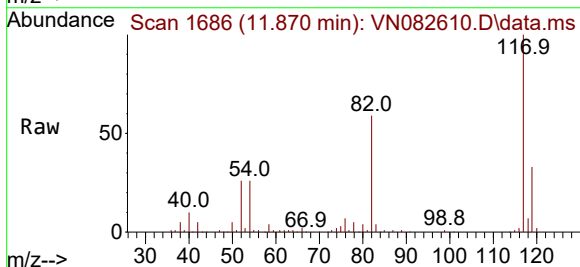
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

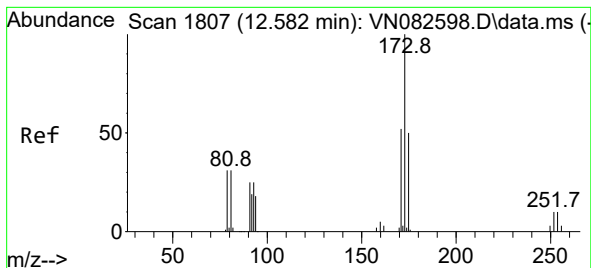
Tgt Ion: 95 Resp: 103051
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 75.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 117 Resp: 234985
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 33.0 25.6 38.4





#71

Bromoform

Concen: 0.399 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

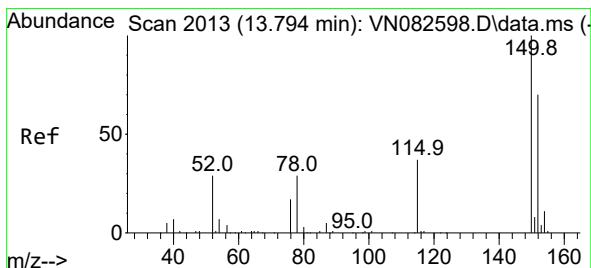
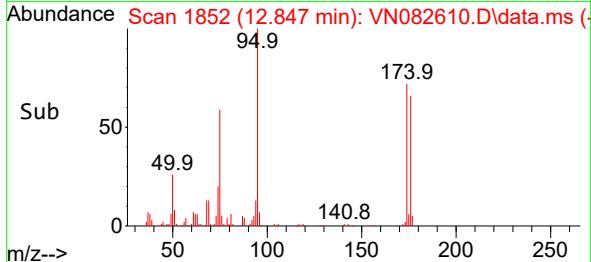
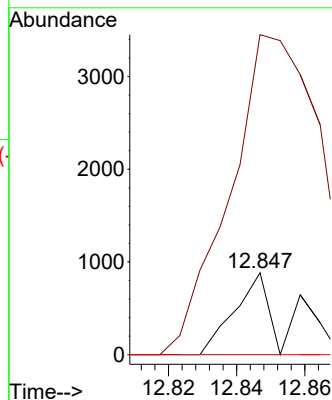
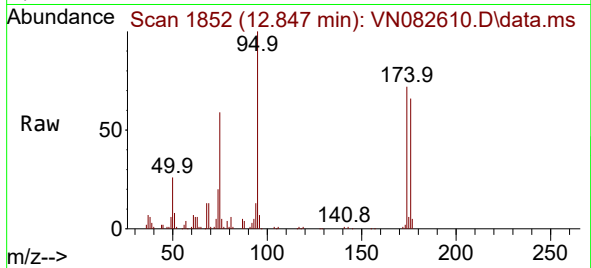
Tgt Ion:173 Resp: 606

Ion Ratio Lower Upper

173 100

175 839.3 24.0 72.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

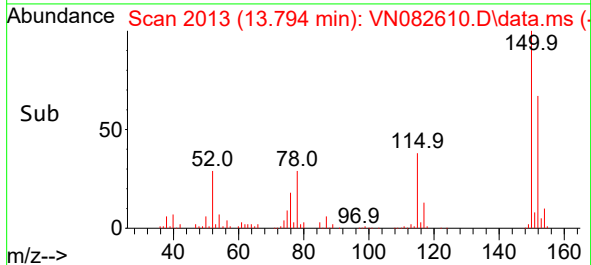
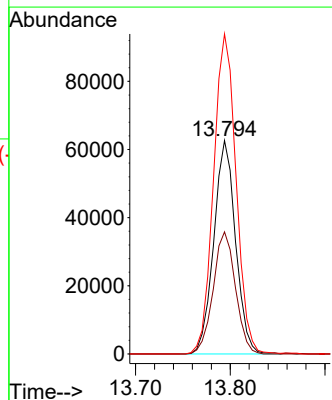
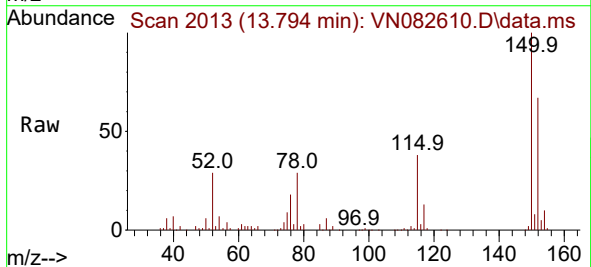
Tgt Ion:152 Resp: 100022

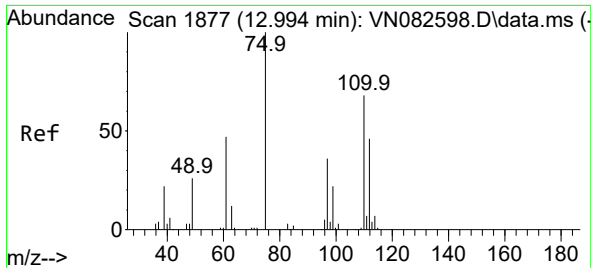
Ion Ratio Lower Upper

152 100

115 58.4 30.6 91.6

150 154.8 0.0 348.6

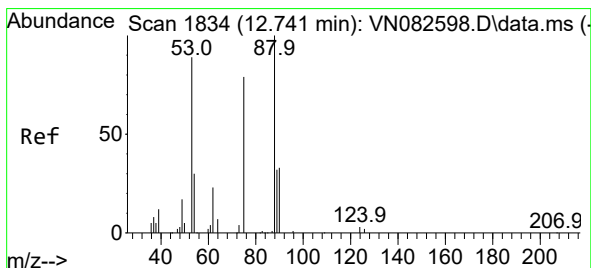
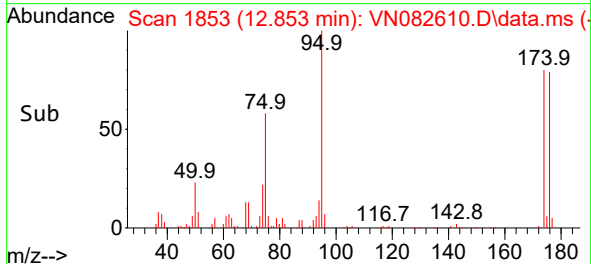
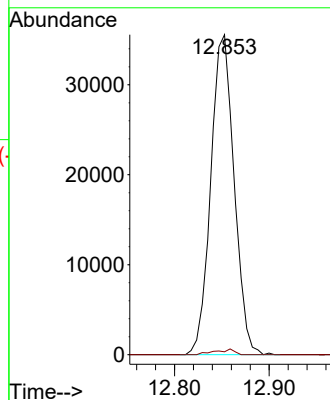
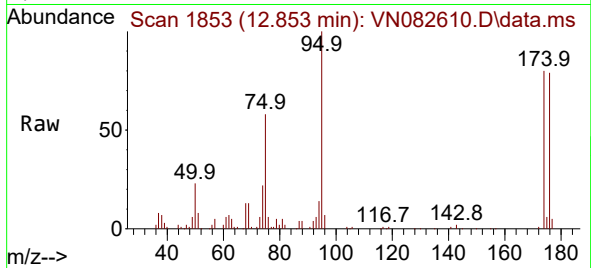




#76
1,2,3-Trichloropropane
Concen: 24.887 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 60882
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.539 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 75 Resp: 60882
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

