

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082827.D
 Acq On : 08 Jul 2024 17:23
 Operator : JC\MD
 Sample : P3169-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 09 06:06:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

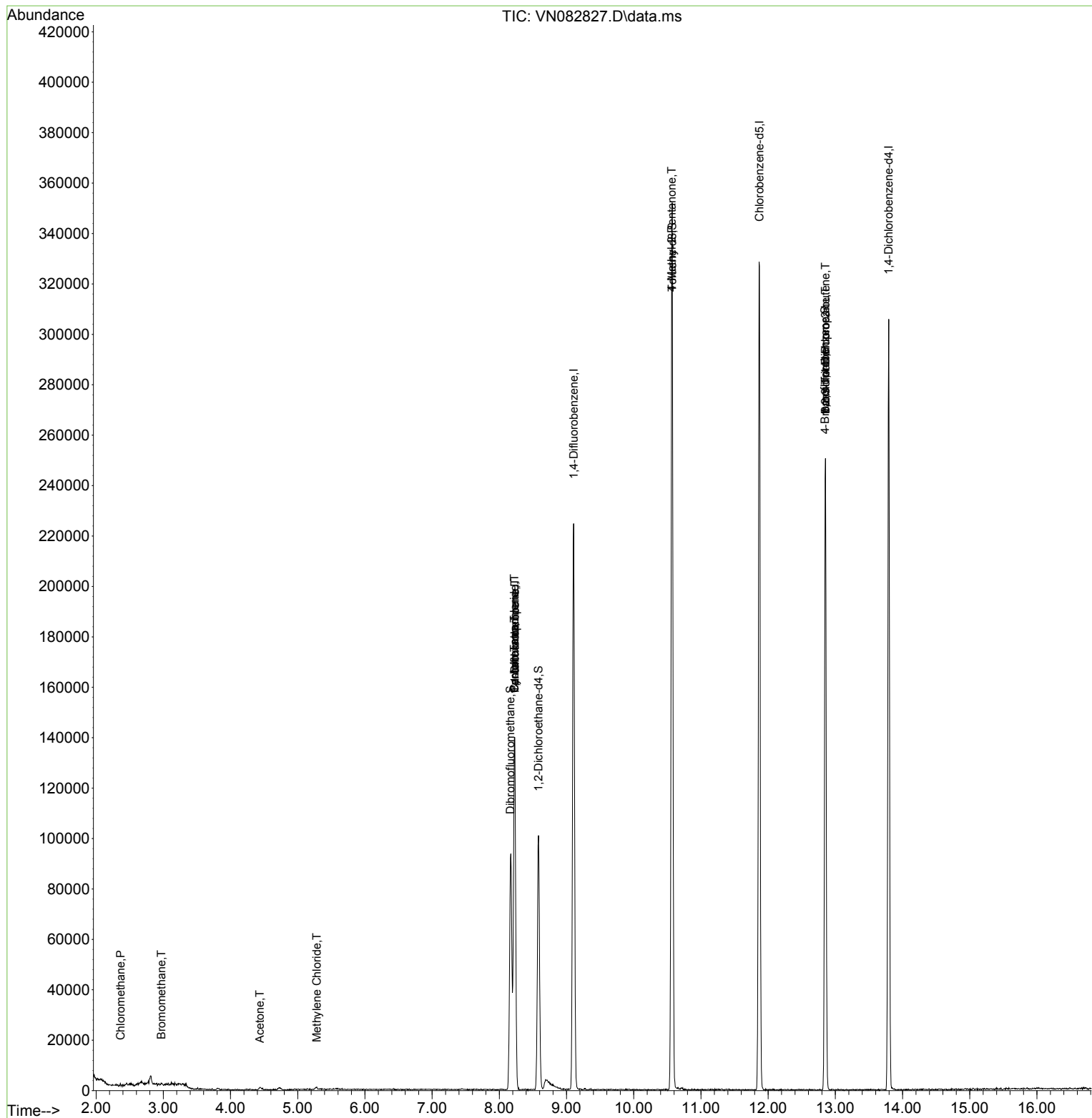
Internal Standards						
1) Pentafluorobenzene	8.230	168	99847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	186018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	82280	58.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.580%			
35) Dibromofluoromethane	8.165	113	66528	54.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.380%			
50) Toluene-d8	10.571	98	238078	52.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.847	95	83582	51.784	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.560%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	348	0.284	ug/l #	43
5) Bromomethane	2.971	94	259	0.279	ug/l #	65
16) Acetone	4.436	43	2005	4.069	ug/l	90
20) Methylene Chloride	5.283	84	489	0.411	ug/l #	72
31) Cyclohexane	8.224	56	2598	1.420	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	8465	5.047	ug/l #	50
38) Carbon Tetrachloride	8.224	117	11295	5.593	ug/l #	19
43) Isopropyl Acetate	8.712	43	7363	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1029	0.608	ug/l #	1
71) Bromoform	12.853	173	687	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	47223	34.327	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	47223	67.511	ug/l #	6

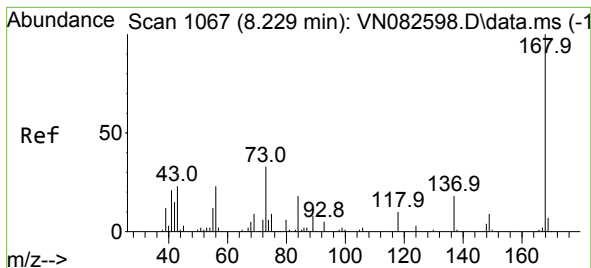
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082827.D

Acq: 08 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

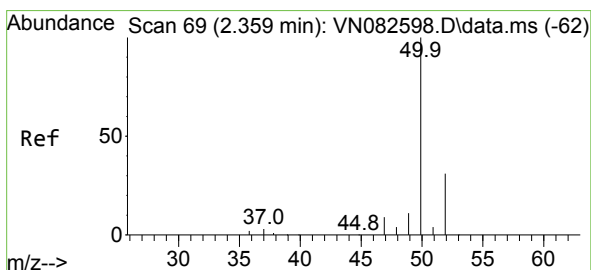
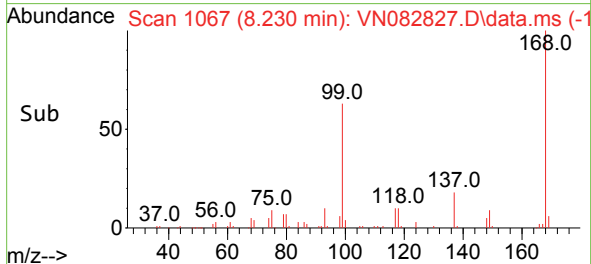
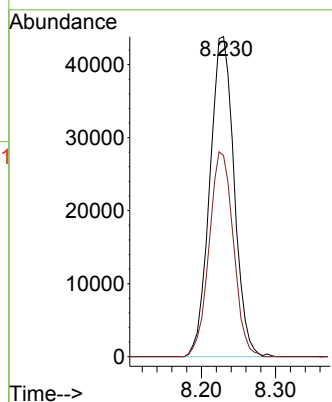
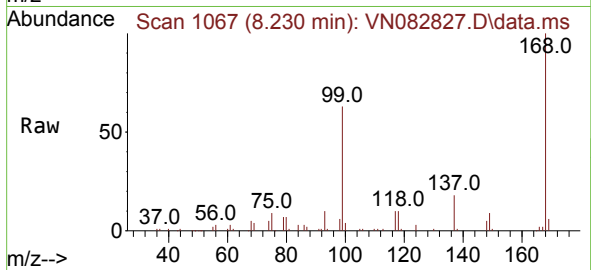
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 99847

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



#3

Chloromethane

Concen: 0.284 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082827.D

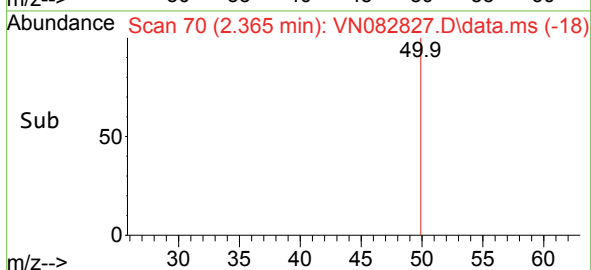
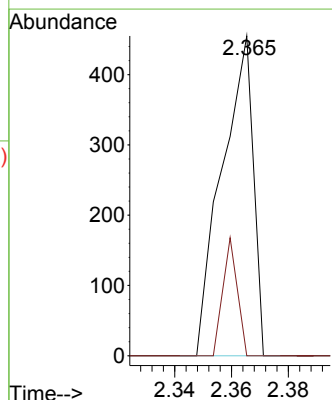
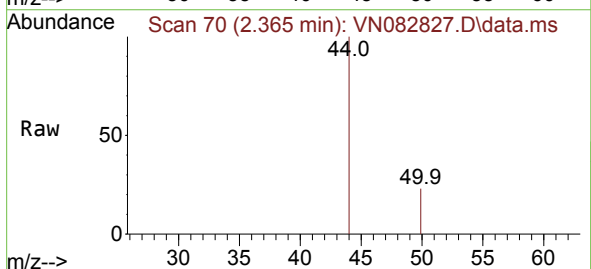
Acq: 08 Jul 2024 17:23

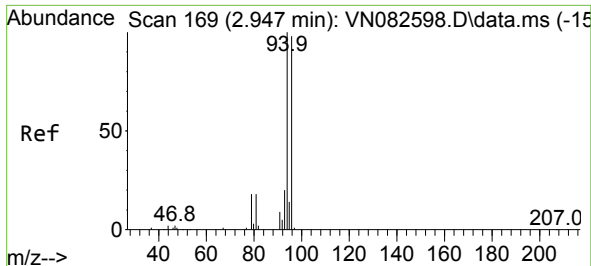
Tgt Ion: 50 Resp: 348

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

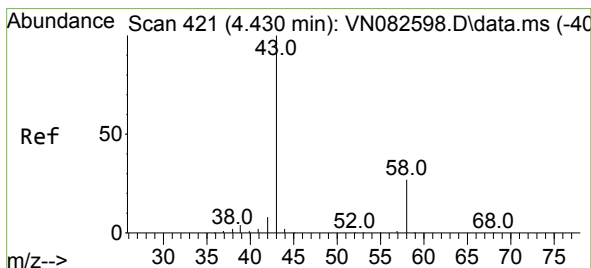
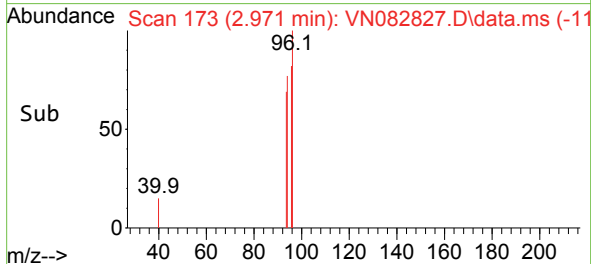
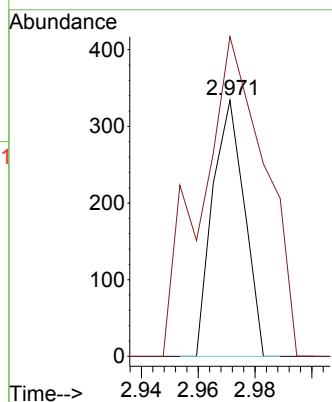
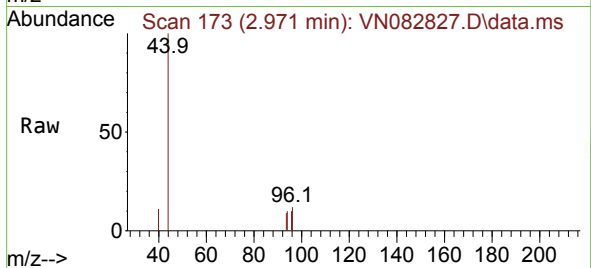




#5
Bromomethane
Concen: 0.279 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

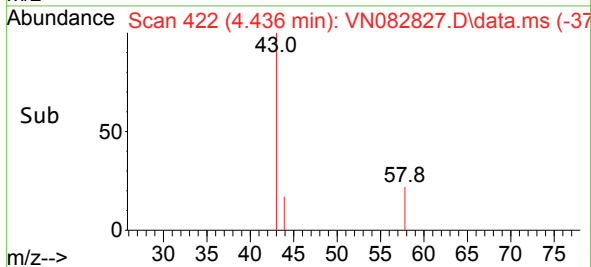
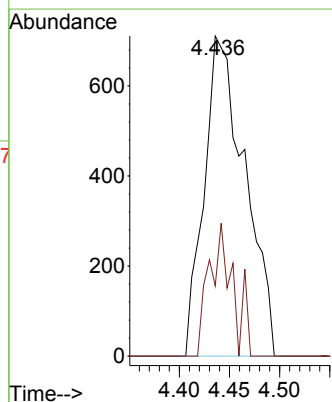
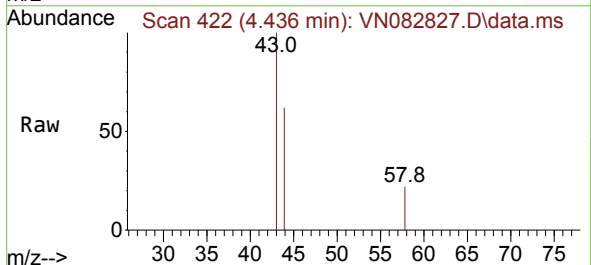
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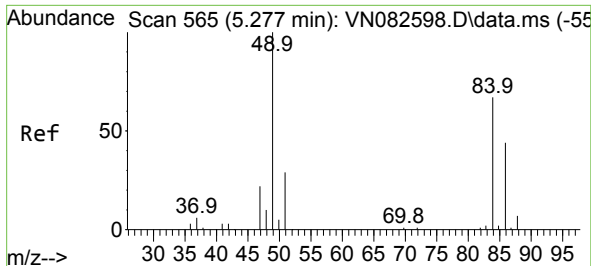
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 63.2 78.0 117.0#



#16
Acetone
Concen: 4.069 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 21.9 21.8 32.6



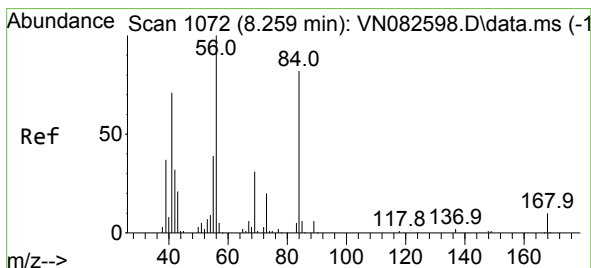
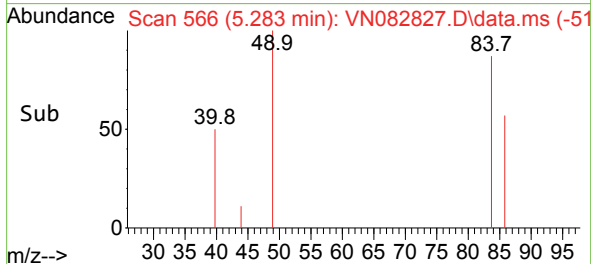
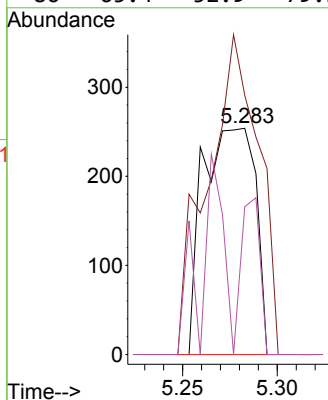
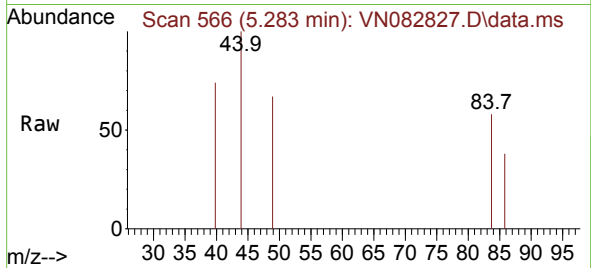


#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

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

Tgt Ion: 84 Resp: 489

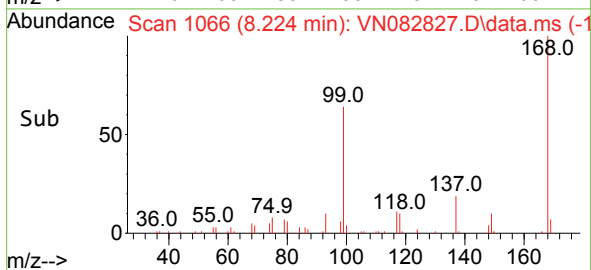
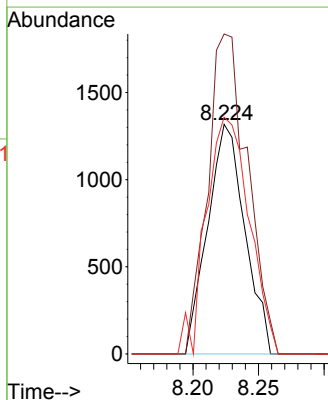
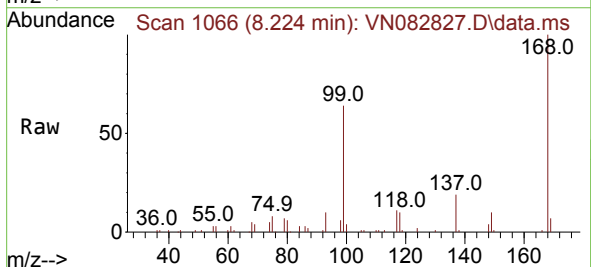
Ion	Ratio	Lower	Upper
84	100		
49	114.6	119.6	179.4#
51	0.0	34.8	52.2#
86	65.4	52.9	79.3

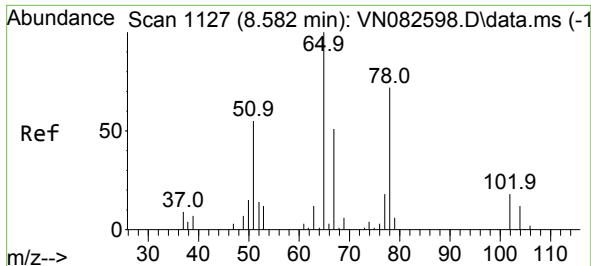


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

Tgt Ion: 56 Resp: 2598

Ion	Ratio	Lower	Upper
56	100		
69	139.4	24.5	36.7#
84	103.2	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.786 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082827.D

Acq: 08 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

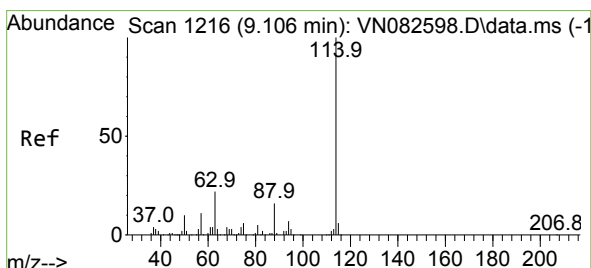
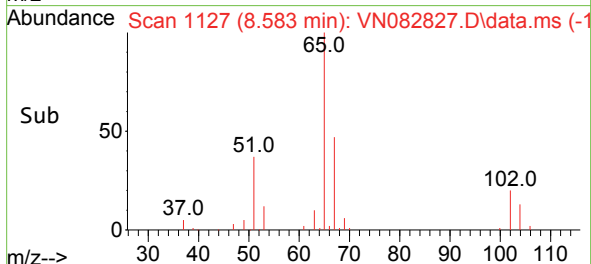
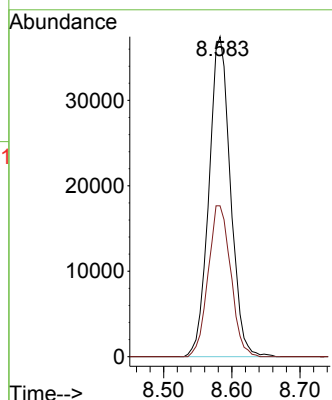
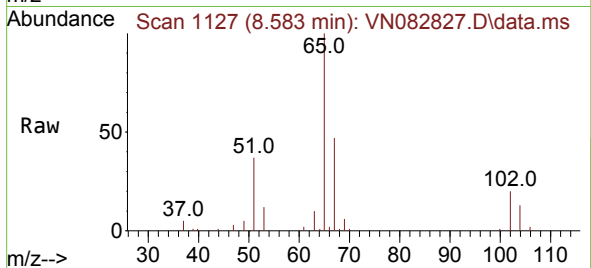
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 82280

Ion Ratio Lower Upper

65 100

67 49.4 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: VN082827.D

Acq: 08 Jul 2024 17:23

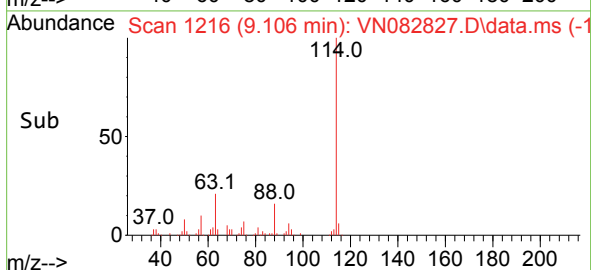
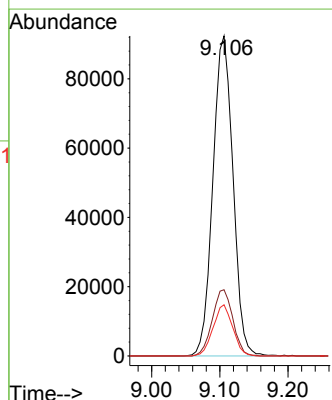
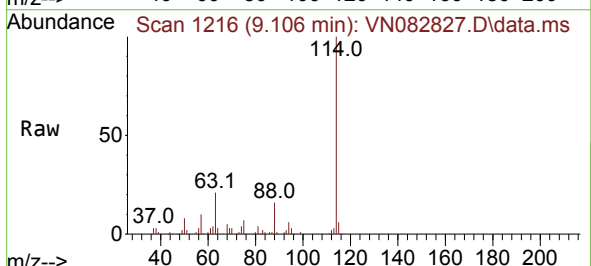
Tgt Ion: 114 Resp: 189592

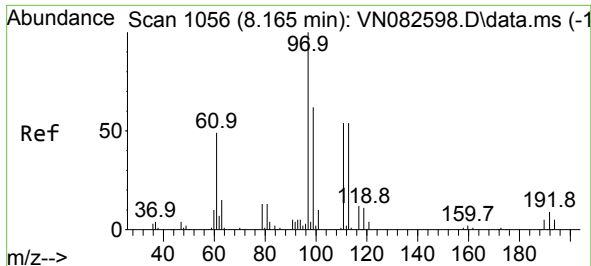
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 16.0 0.0 31.4

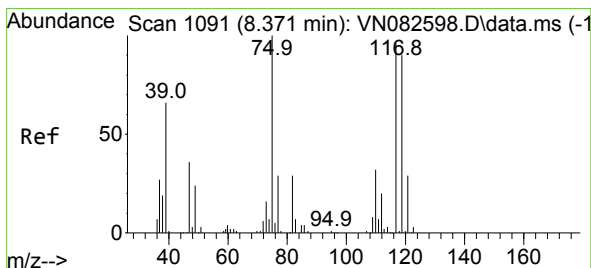
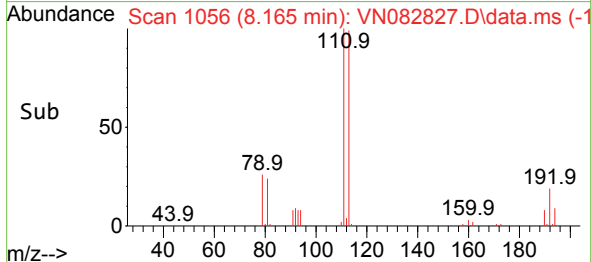
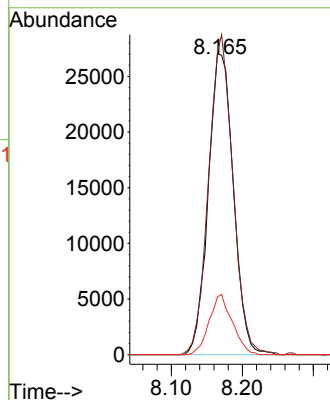
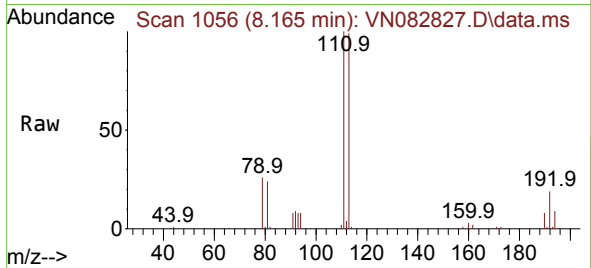




#35
Dibromofluoromethane
Concen: 54.685 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

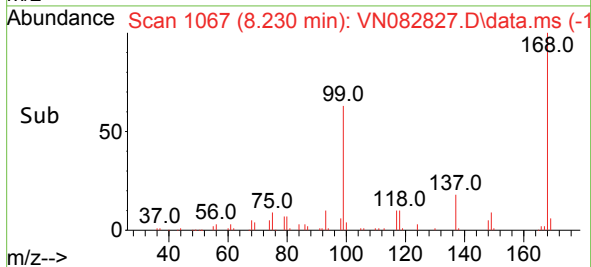
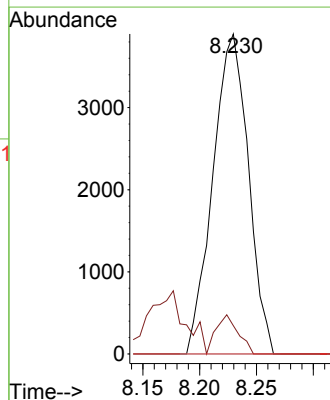
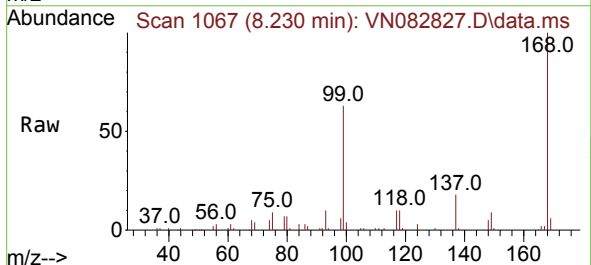
Instrument :
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Storage-Blank-SOIL-REF-6

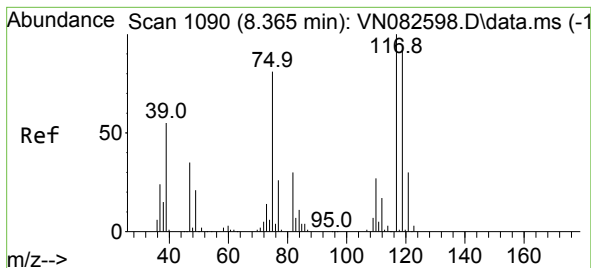
Tgt Ion:113 Resp: 66528
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

Tgt Ion: 75 Resp: 8465
Ion Ratio Lower Upper
75 100
110 7.6 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.593 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

Lab File: VN082827.D

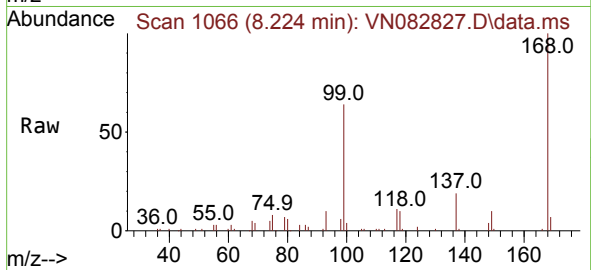
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Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6



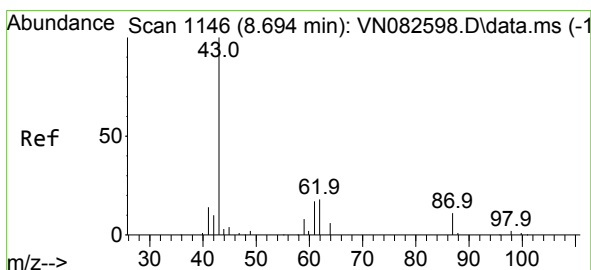
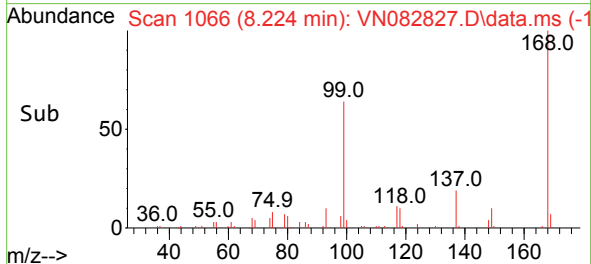
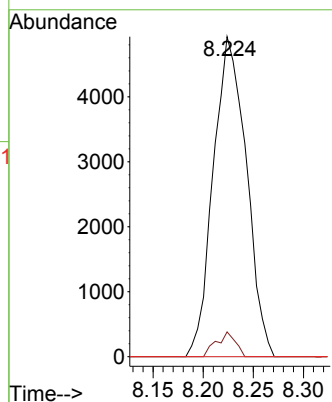
Tgt Ion:117 Resp: 11295

Ion Ratio Lower Upper

117 100

119 7.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN082827.D

Acq: 08 Jul 2024 17:23

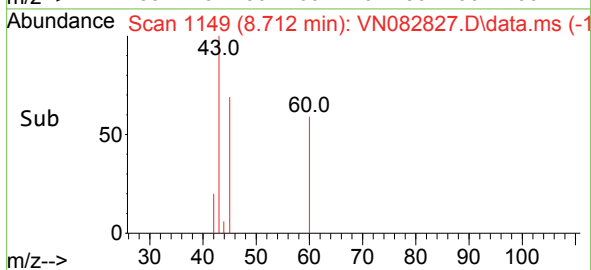
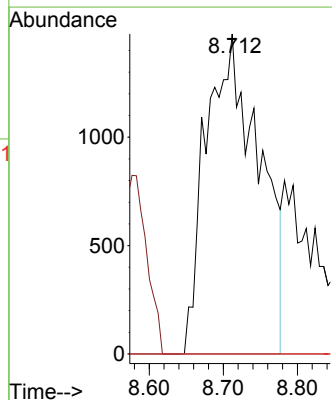
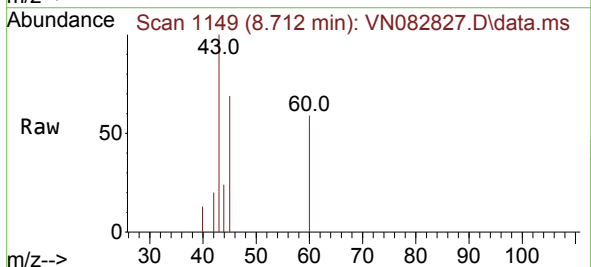
Tgt Ion: 43 Resp: 7363

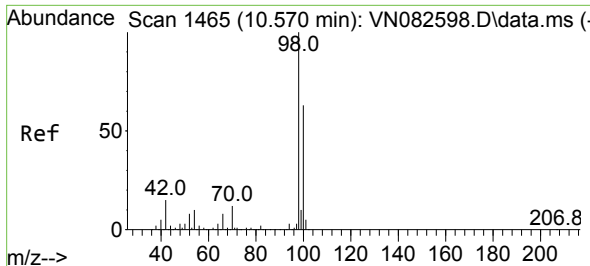
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

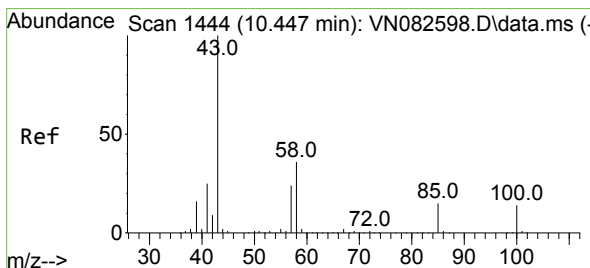
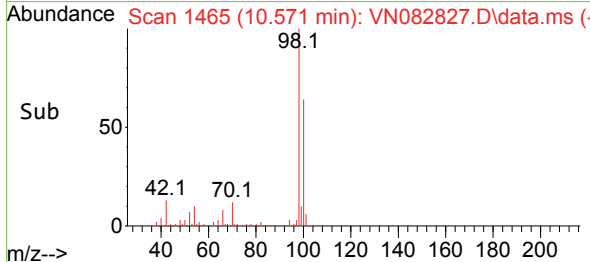
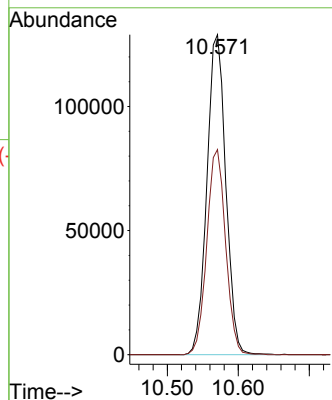
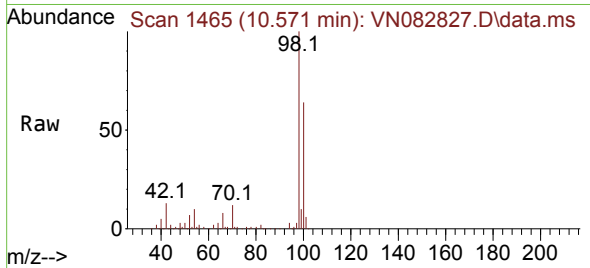




#50
Toluene-d8
Concen: 52.985 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

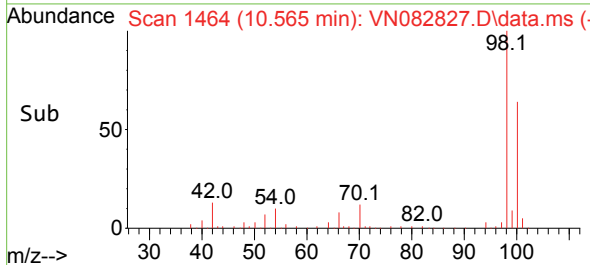
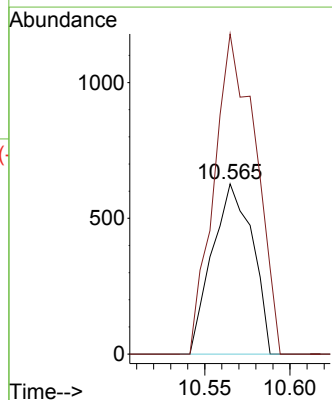
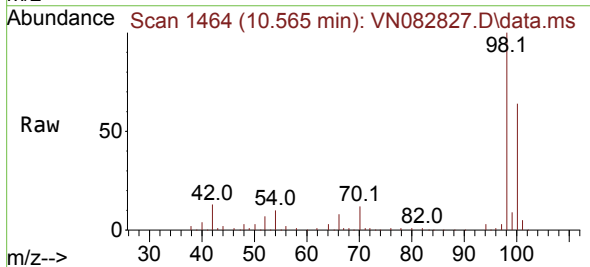
Instrument :
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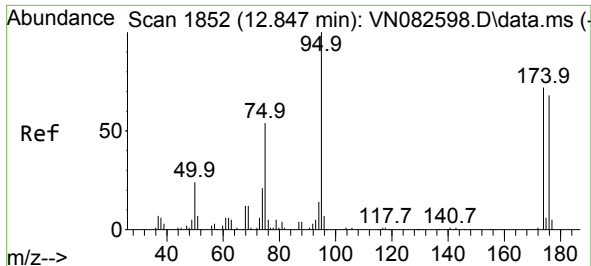
Tgt Ion: 98 Resp: 238078
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 194.9 28.2 42.4#

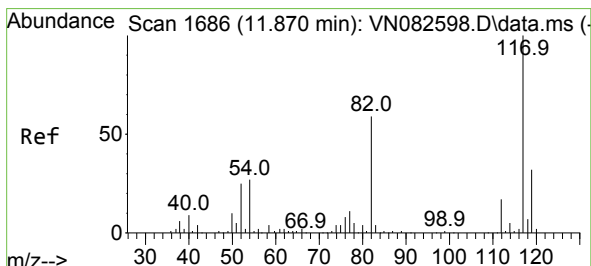
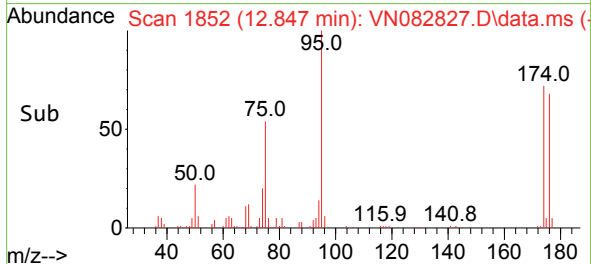
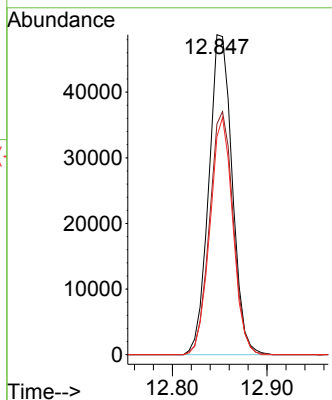
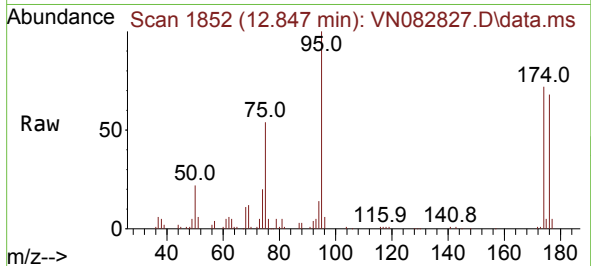




#62
4-Bromofluorobenzene
Concen: 51.784 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

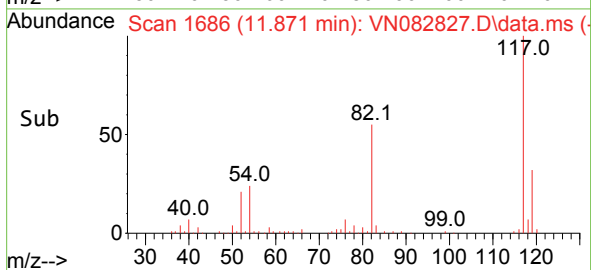
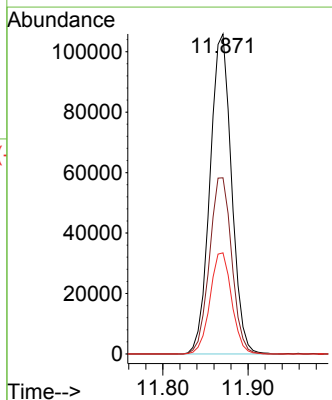
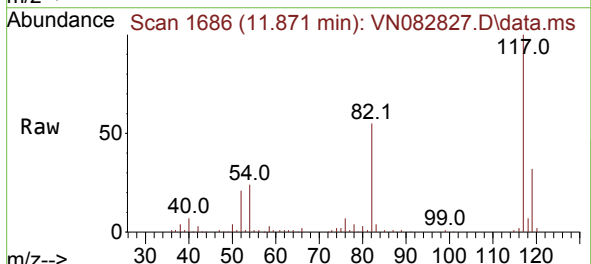
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

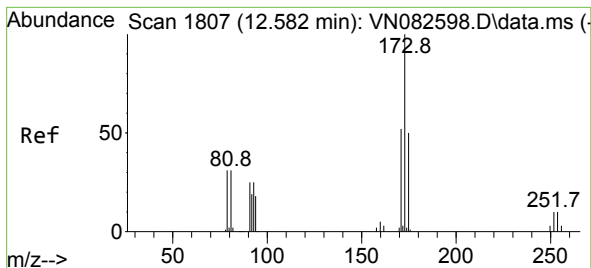
Tgt Ion: 95 Resp: 83582
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.2
176 72.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082827.D
Acq: 08 Jul 2024 17:23

Tgt Ion: 117 Resp: 186018
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.616 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082827.D

Acq: 08 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

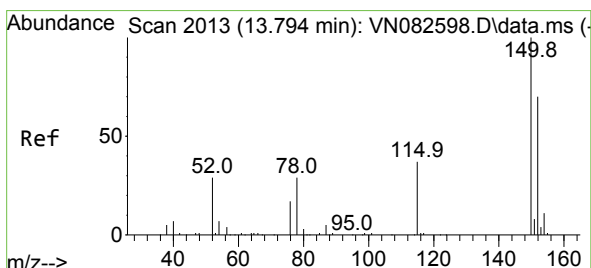
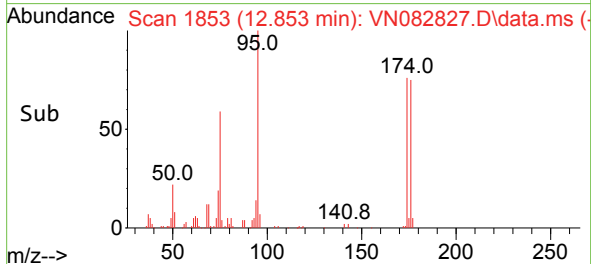
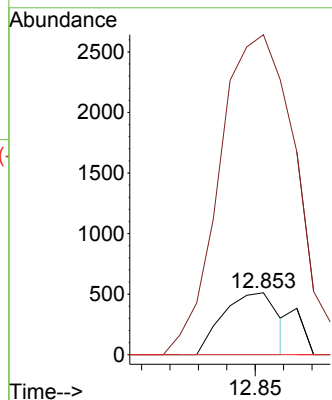
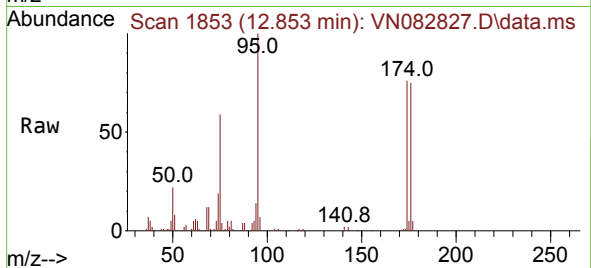
Tgt Ion:173 Resp: 687

Ion Ratio Lower Upper

173 100

175 587.0 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: VN082827.D

Acq: 08 Jul 2024 17:23

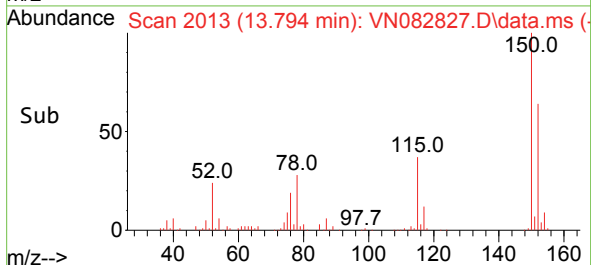
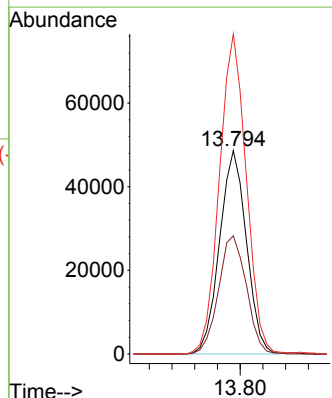
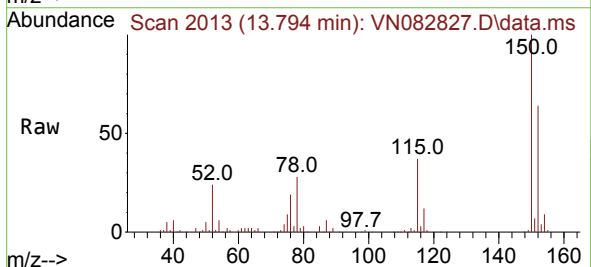
Tgt Ion:152 Resp: 79794

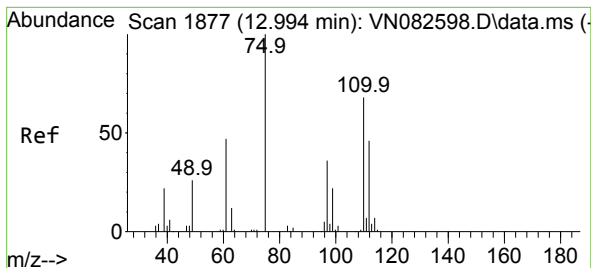
Ion Ratio Lower Upper

152 100

115 60.3 30.6 91.6

150 157.1 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 34.327 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082827.D

Acq: 08 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

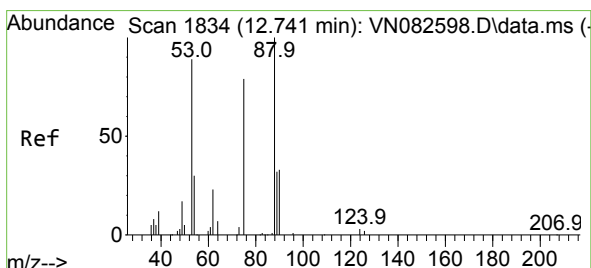
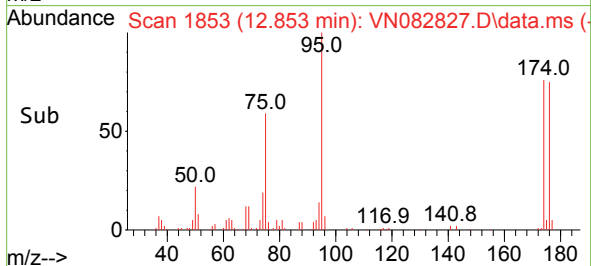
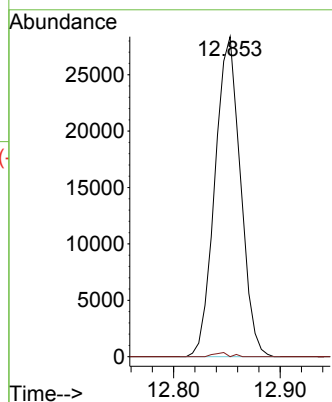
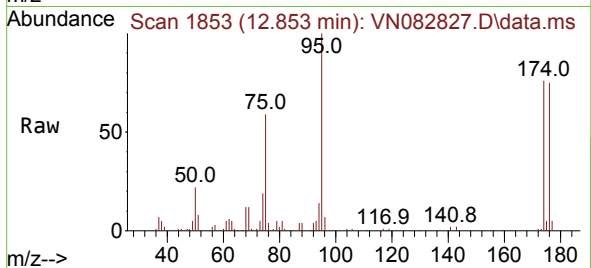
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 47223

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.511 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082827.D

Acq: 08 Jul 2024 17:23

Tgt Ion: 75 Resp: 47223

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

