

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083351.D
 Acq On : 16 Aug 2024 14:02
 Operator : JC\MD
 Sample : P3456-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 17 01:45:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

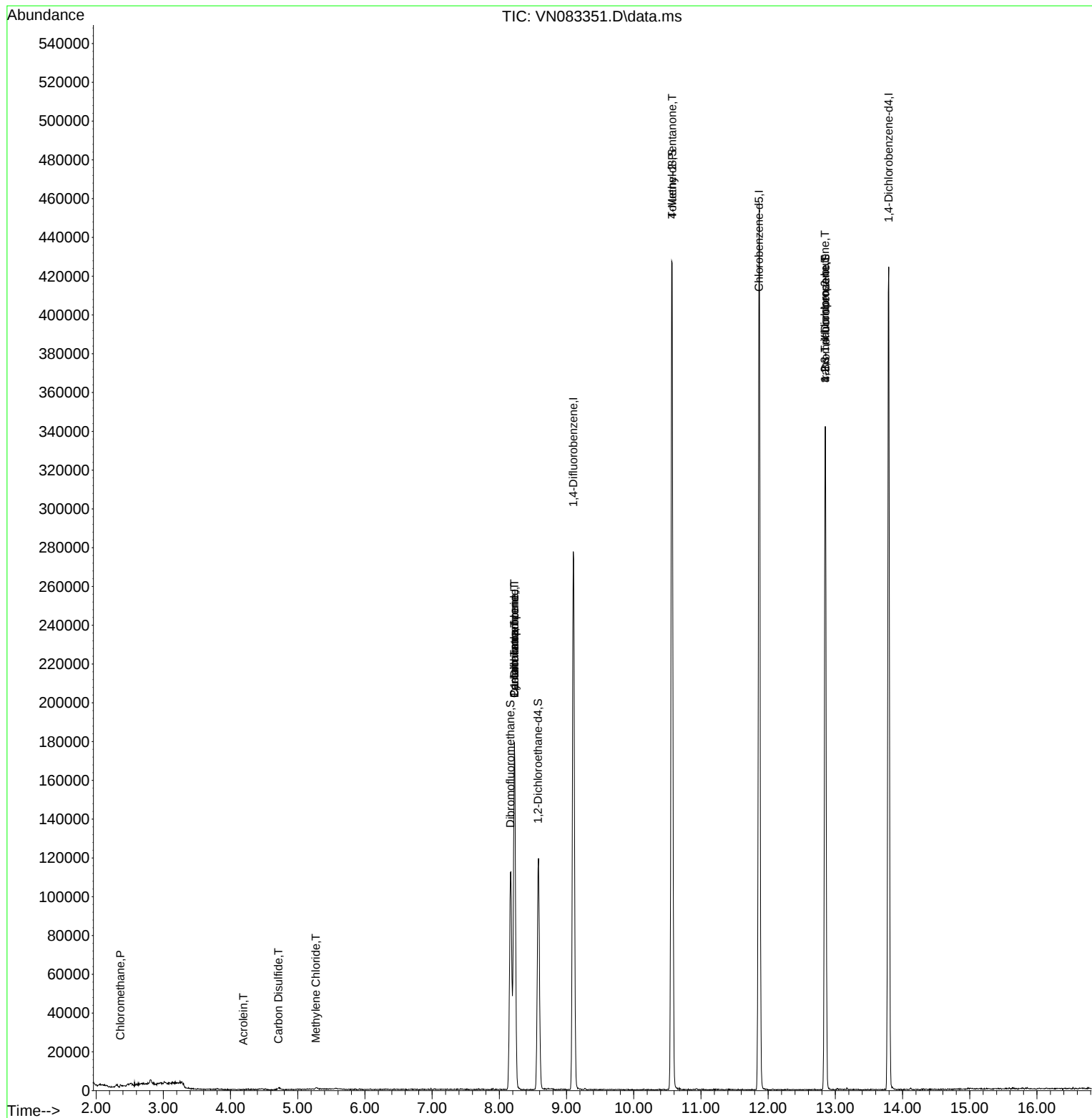
Internal Standards						
1) Pentafluorobenzene	8.224	168	121921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101689	58.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.200%			
35) Dibromofluoromethane	8.165	113	81596	55.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.100%			
50) Toluene-d8	10.571	98	298447	53.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.960%			
62) 4-Bromofluorobenzene	12.853	95	125270	58.121	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.240%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	461	0.326	ug/l #	43
13) Acrolein	4.189	56	56	0.238	ug/l #	14
17) Carbon Disulfide	4.712	76	967	0.245	ug/l #	75
20) Methylene Chloride	5.271	84	686	0.439	ug/l #	36
31) Cyclohexane	8.224	56	3212	1.249	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11247	5.017	ug/l #	46
38) Carbon Tetrachloride	8.224	117	13668	5.413	ug/l #	17
43) Isopropyl Acetate	8.694	43	297	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1583	0.667	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69875	29.165	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69875	63.441	ug/l #	6

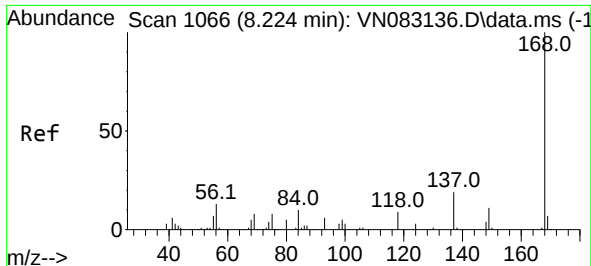
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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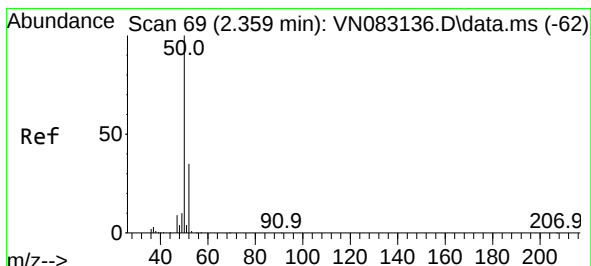
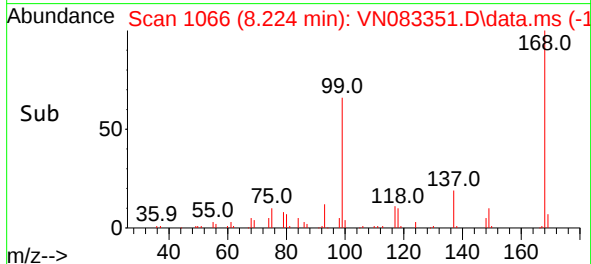
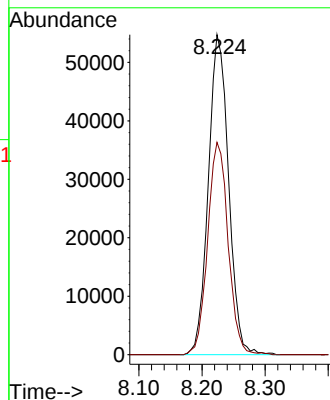
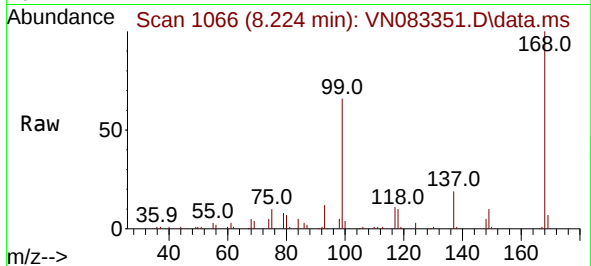




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

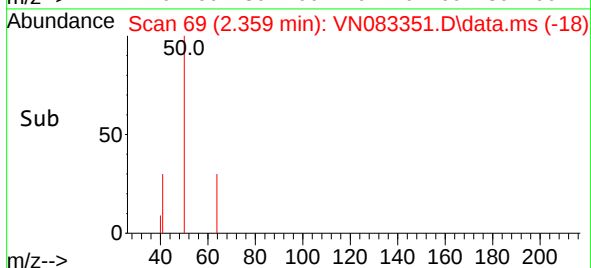
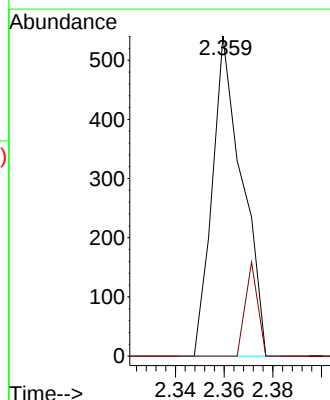
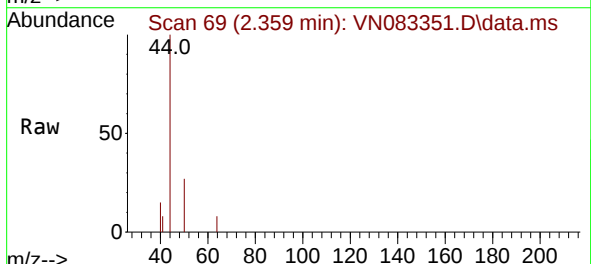
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

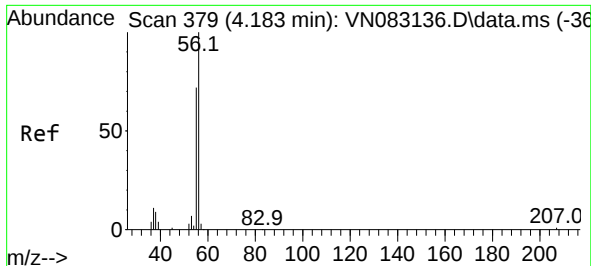
Tgt Ion:168 Resp: 121921
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#3
Chloromethane
Concen: 0.326 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

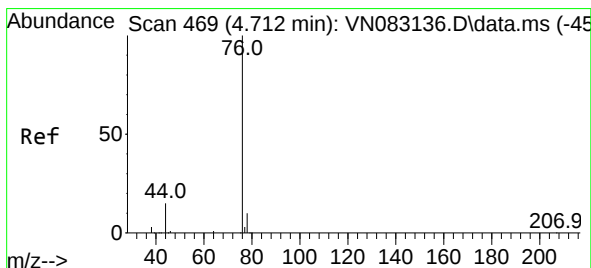
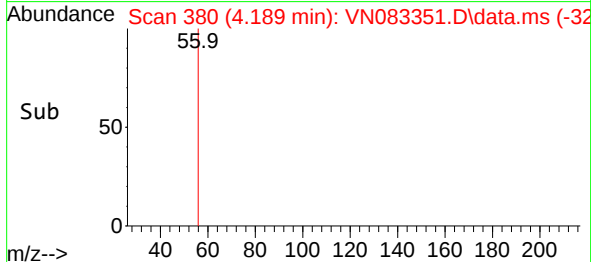
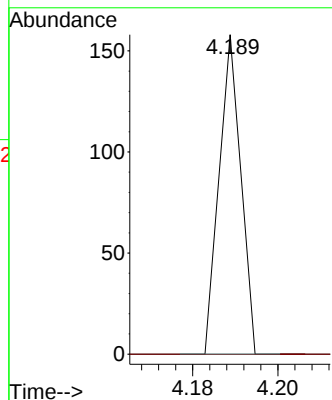
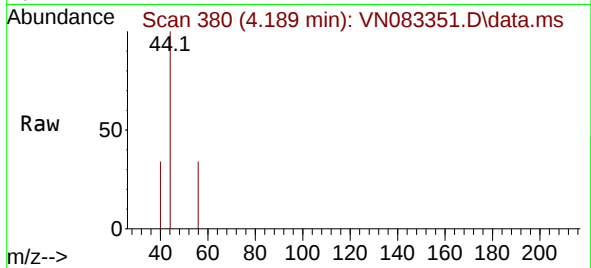




#13
Acrolein
Concen: 0.238 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

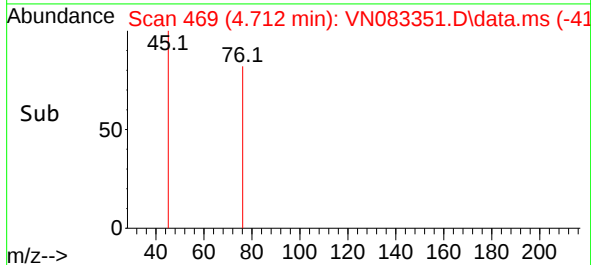
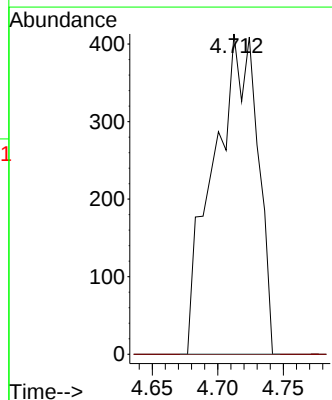
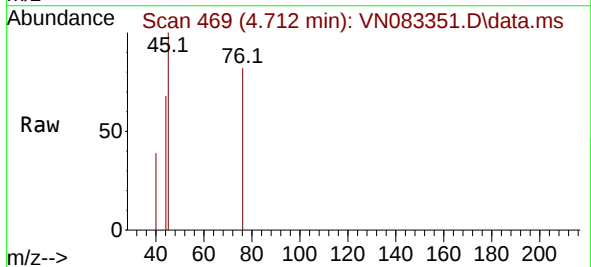
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

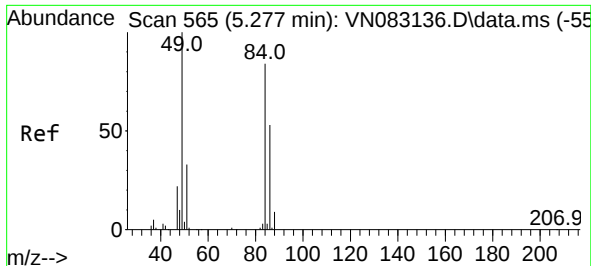
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 76 Resp: 967
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

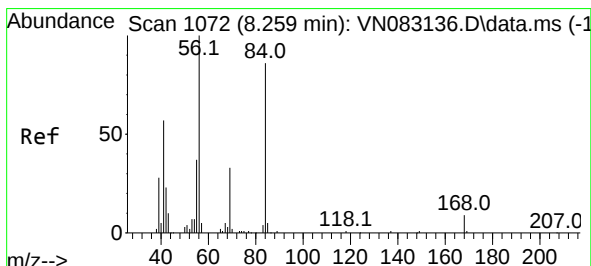
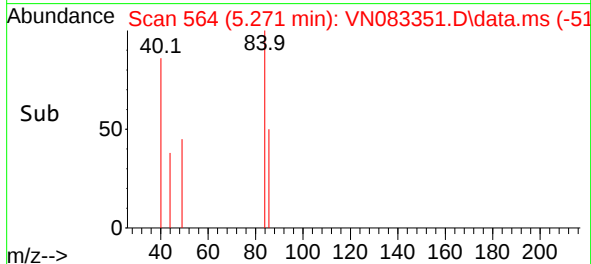
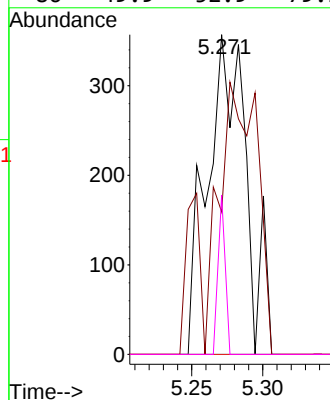
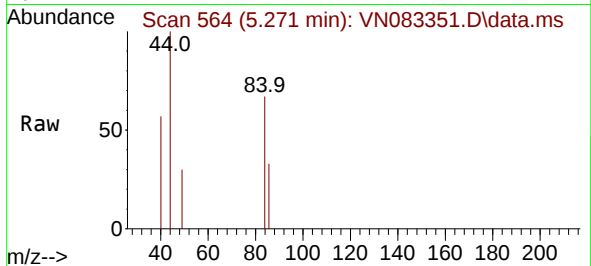




#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

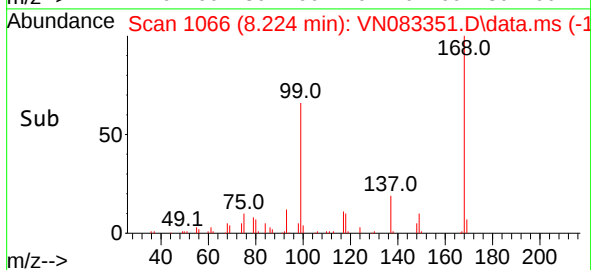
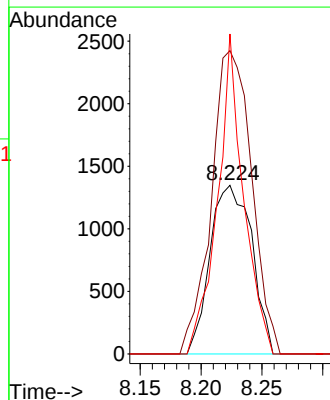
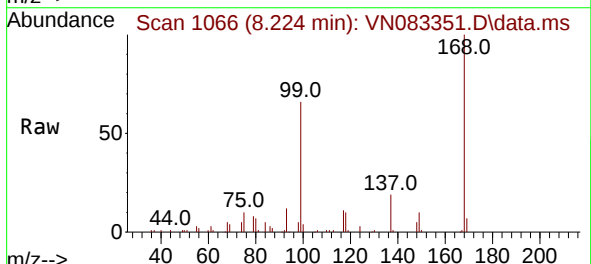
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

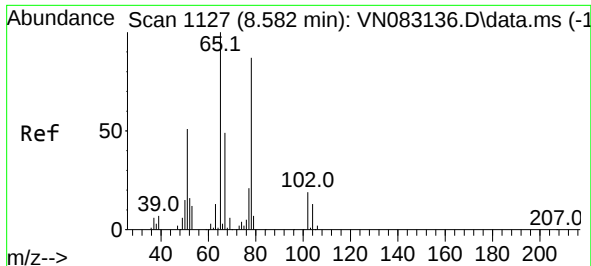
Tgt Ion:	84	Resp:	686
Ion	Ratio	Lower	Upper
84	100		
49	44.5	119.6	179.4#
51	0.0	34.8	52.2#
86	49.9	52.9	79.3#



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion:	56	Resp:	3212
Ion	Ratio	Lower	Upper
56	100		
69	179.9	24.5	36.7#
84	189.8	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.597 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

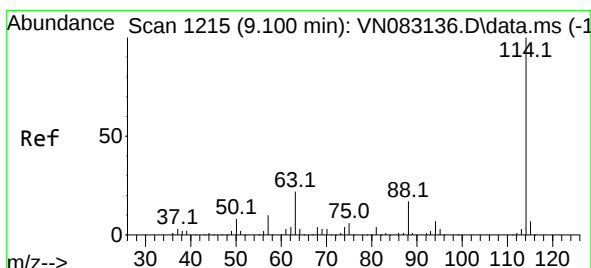
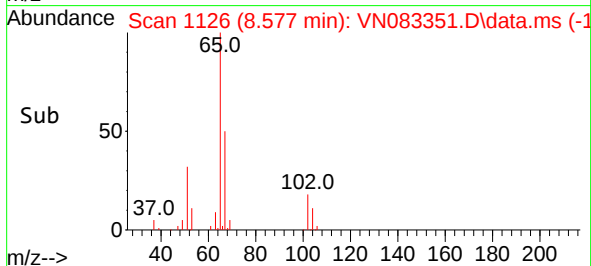
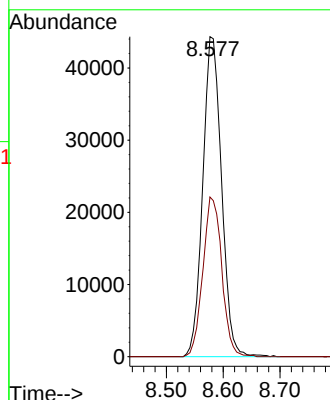
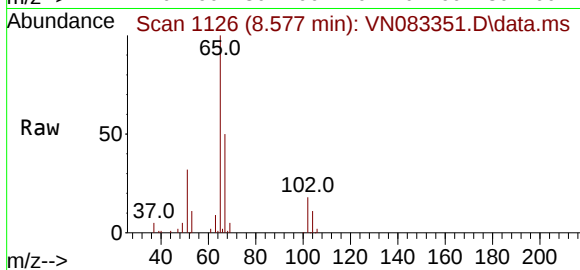
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 101689

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

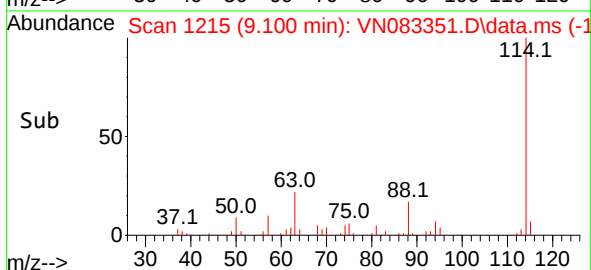
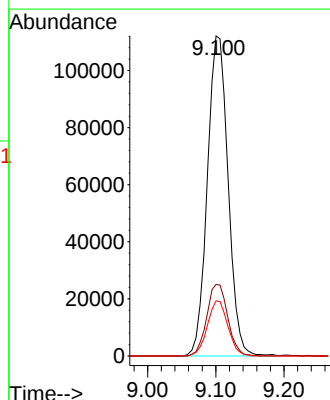
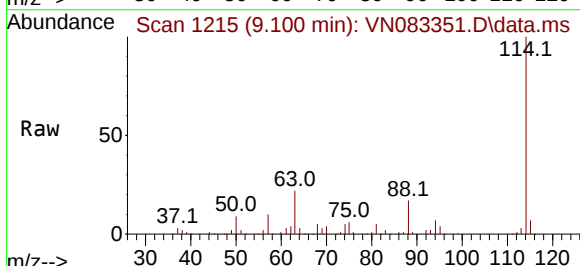
Tgt Ion: 114 Resp: 237446

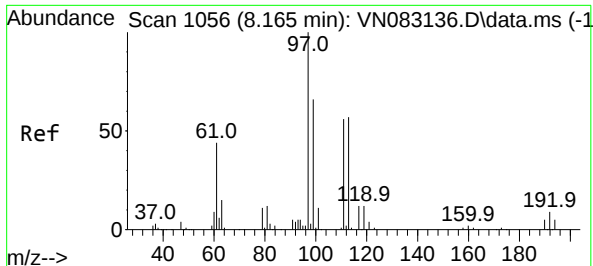
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.055 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

Instrument :

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ClientSampleId :

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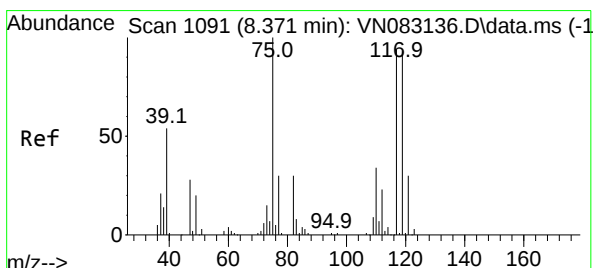
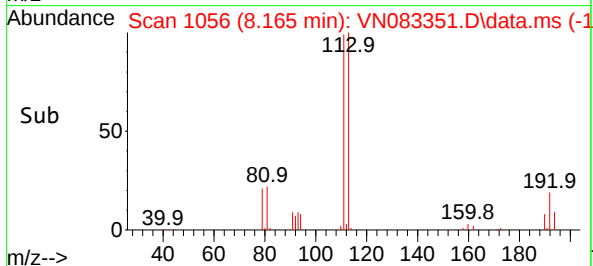
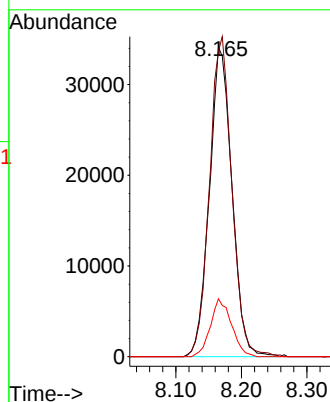
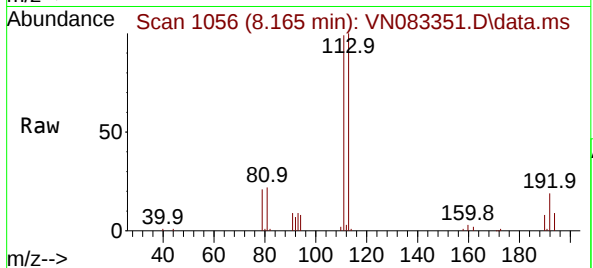
Tgt Ion:113 Resp: 81596

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.017 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

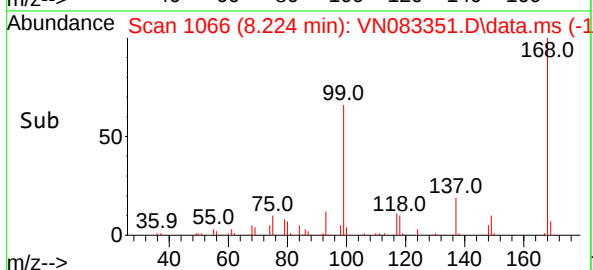
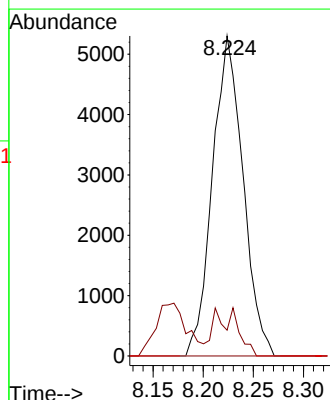
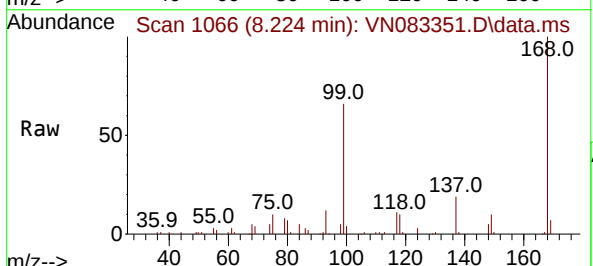
Tgt Ion: 75 Resp: 11247

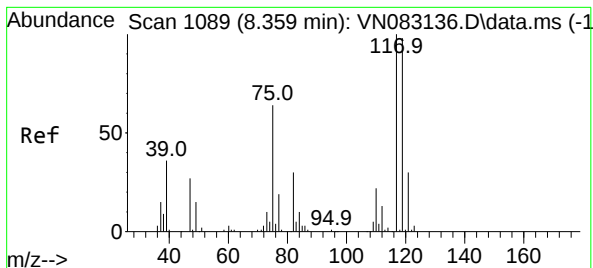
Ion Ratio Lower Upper

75 100

110 3.8 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.413 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083351.D

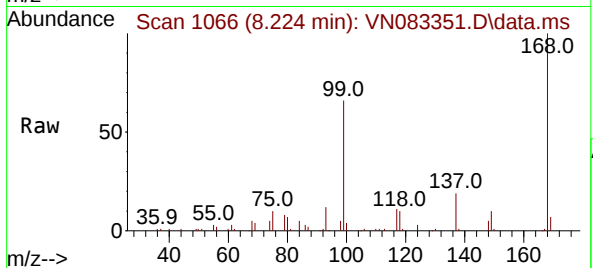
Acq: 16 Aug 2024 14:02

Instrument :

MSVOA_N

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Storage-Blank-SOIL-REF-6



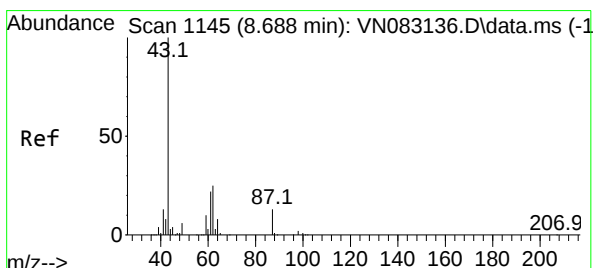
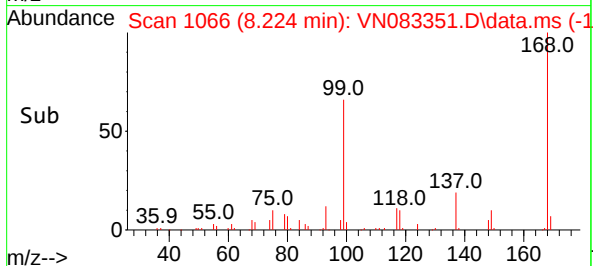
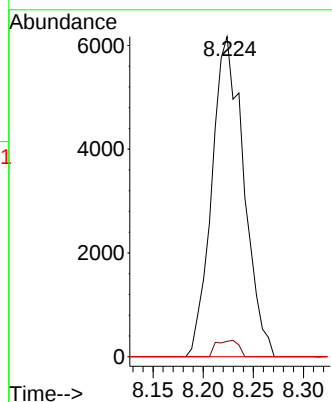
Tgt Ion:117 Resp: 13668

Ion Ratio Lower Upper

117 100

119 4.8 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

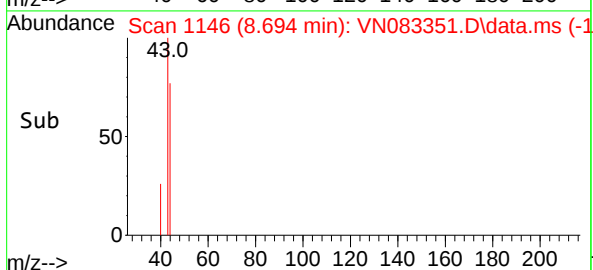
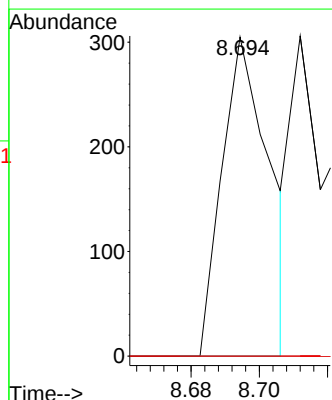
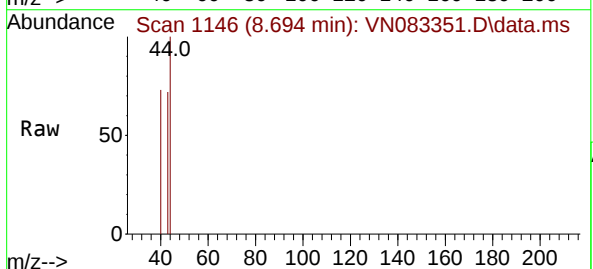
Tgt Ion: 43 Resp: 297

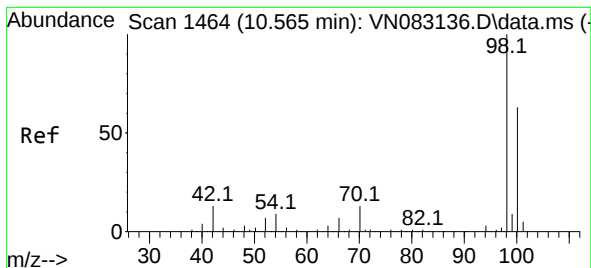
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 53.983 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

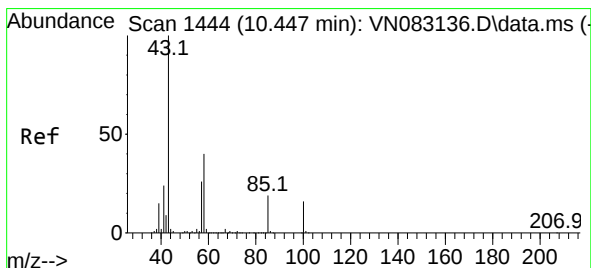
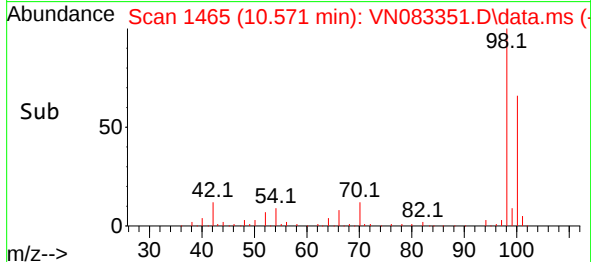
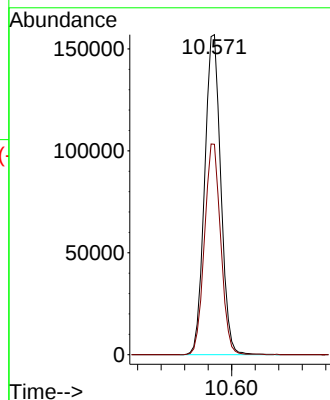
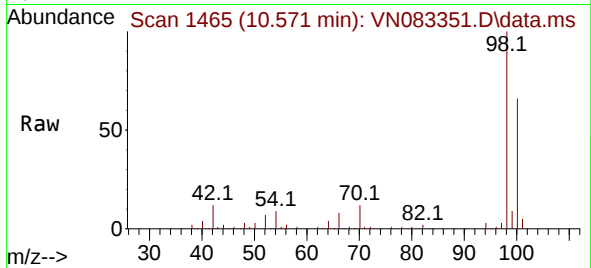
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 298447

Ion Ratio Lower Upper

98 100

100 66.1 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.667 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN083351.D

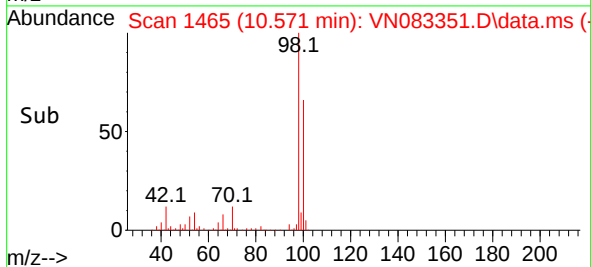
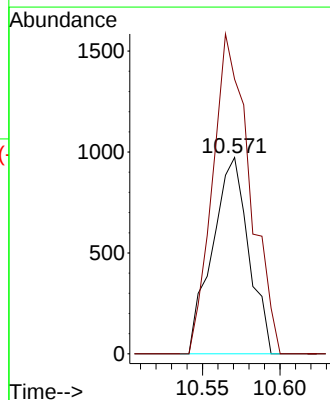
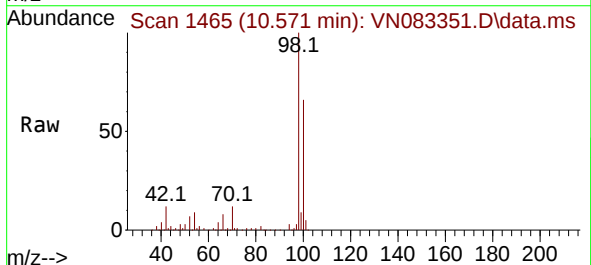
Acq: 16 Aug 2024 14:02

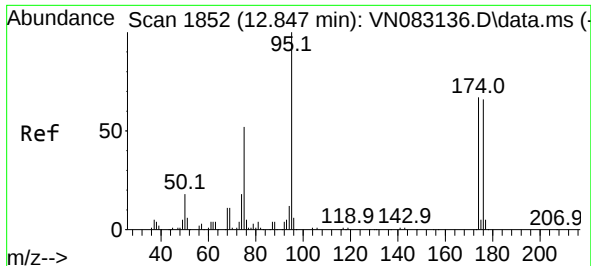
Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

58 166.8 28.2 42.4#

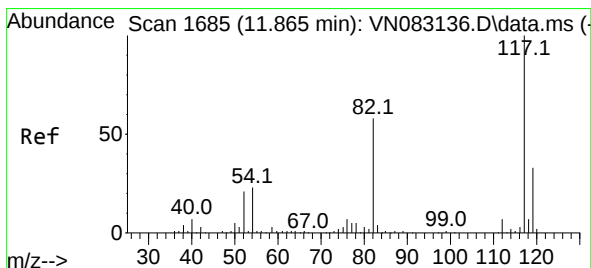
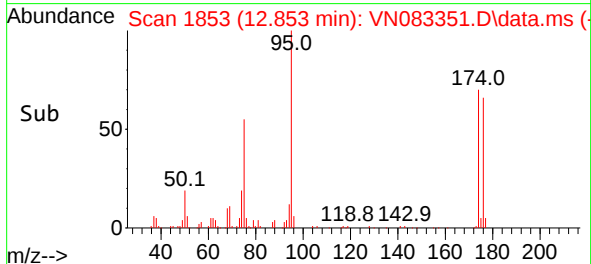
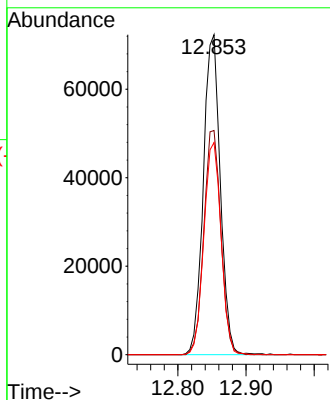
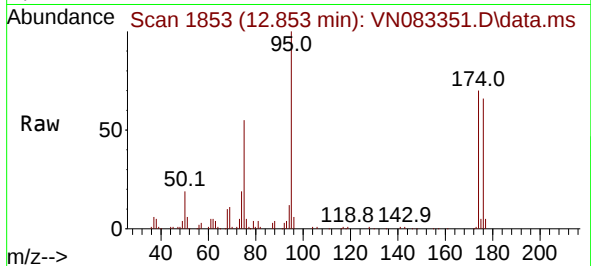




#62
4-Bromofluorobenzene
Concen: 58.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

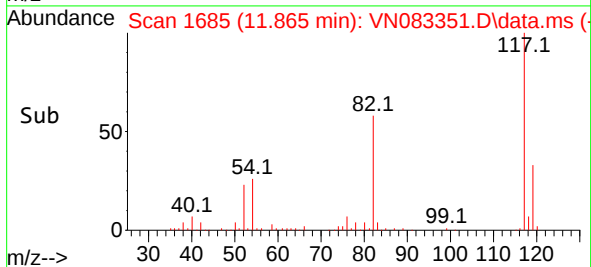
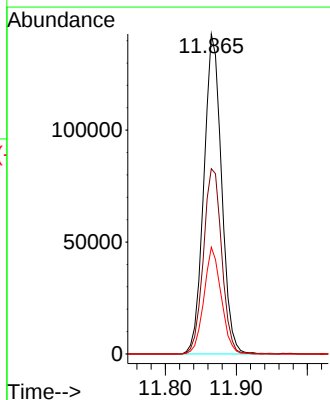
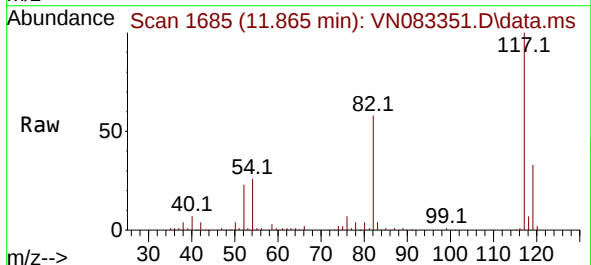
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

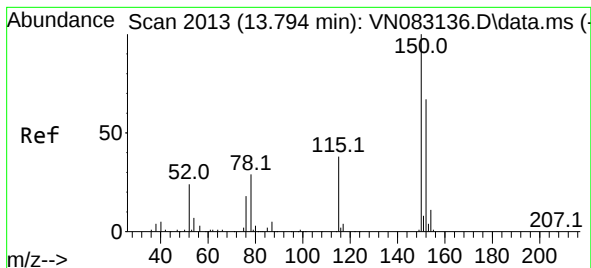
Tgt Ion: 95 Resp: 125270
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 67.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 117 Resp: 248386
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 33.4 25.6 38.4

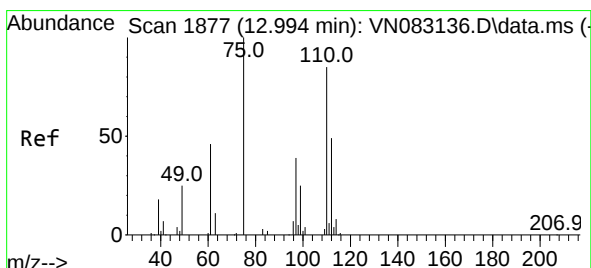
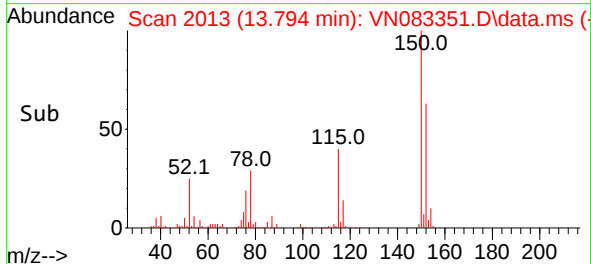
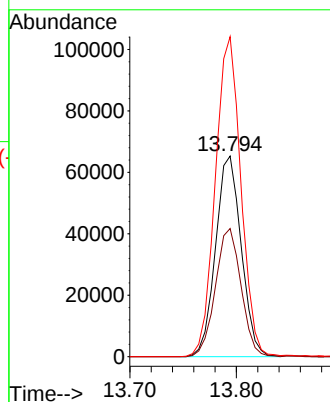
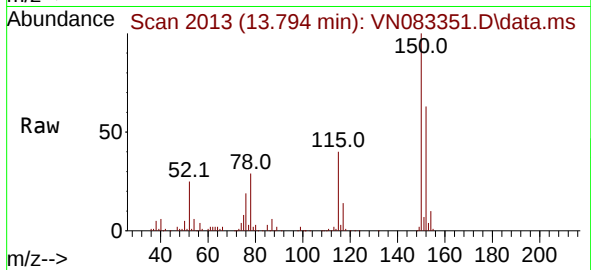




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

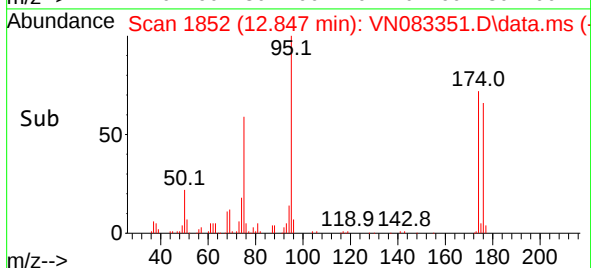
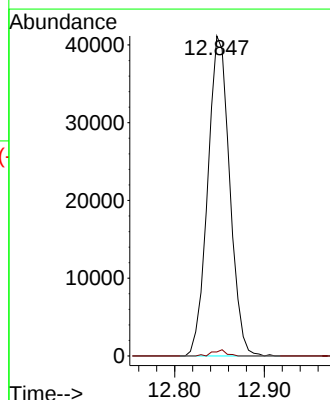
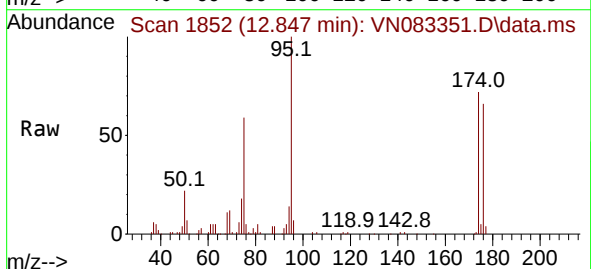
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

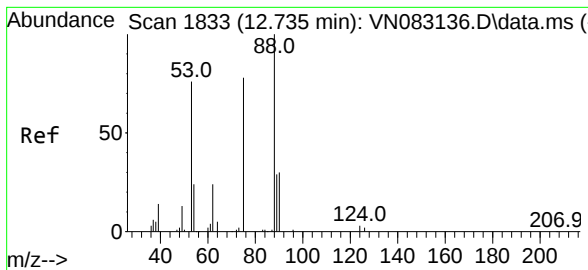
Tgt Ion:152 Resp: 109162
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 159.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.165 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 75 Resp: 69875
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.441 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

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

Tgt Ion: 75 Resp: 69875
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

