

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083923.D
 Acq On : 16 Sep 2024 17:27
 Operator : JC\MD
 Sample : P3876-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 17 02:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

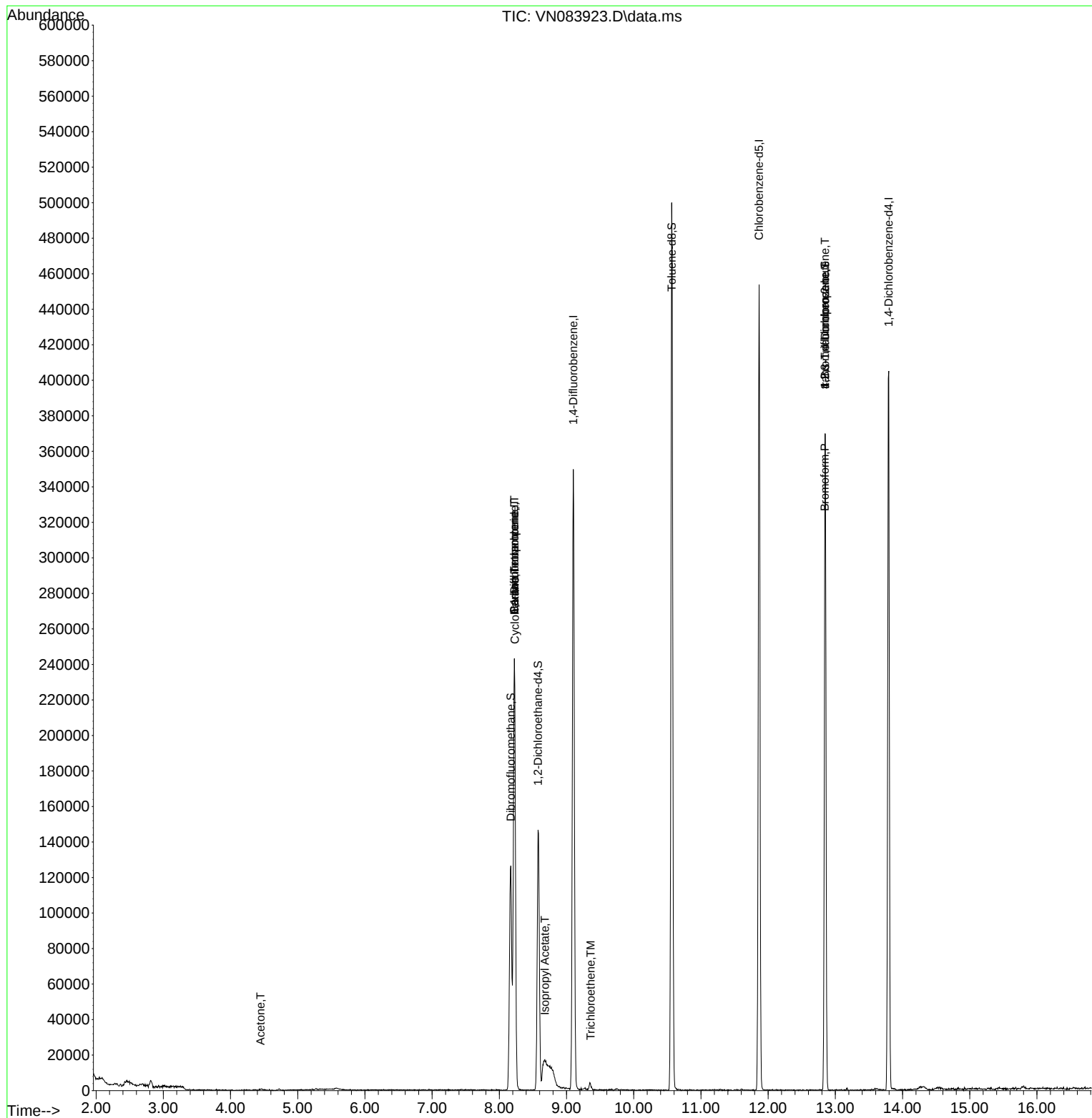
Internal Standards						
1) Pentafluorobenzene	8.224	168	163719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125750	50.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.880%	
35) Dibromofluoromethane	8.171	113	87916	48.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.120%	
50) Toluene-d8	10.565	98	333922	53.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.847	95	124337	48.155	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	481	Below Cal	#	41
16) Acetone	4.448	43	980	0.990	ug/l #	45
18) Methyl Acetate	5.042	43	253	Below Cal	#	52
31) Cyclohexane	8.230	56	4321	1.211	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	15304	5.617	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19194	6.209	ug/l #	16
43) Isopropyl Acetate	8.677	43	18636	4.158	ug/l #	57
44) Trichloroethene	9.359	130	1323	0.697	ug/l	81
71) Bromoform	12.841	173	603	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71697	34.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71697	91.408	ug/l #	9

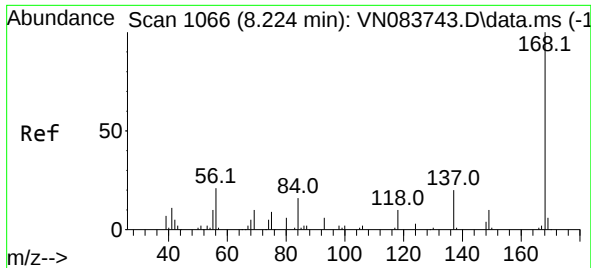
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 02:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

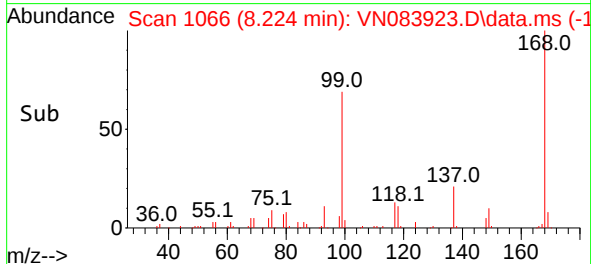
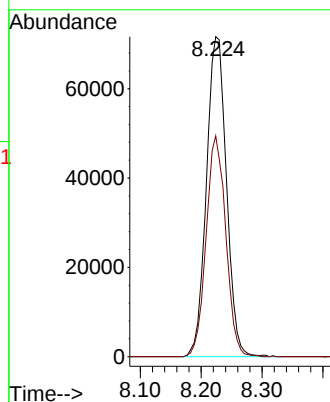
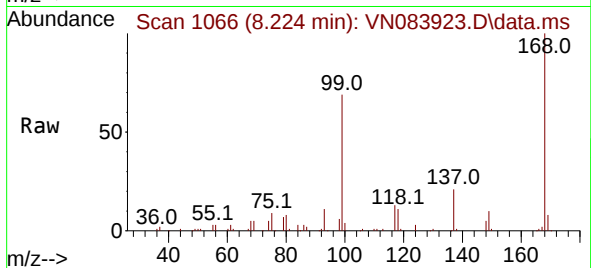




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

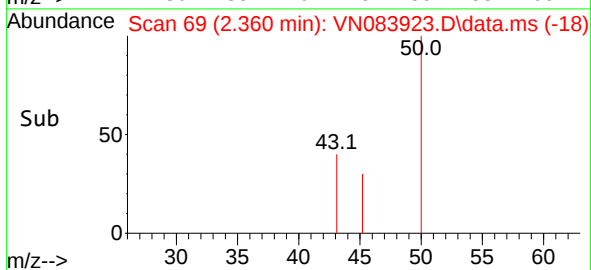
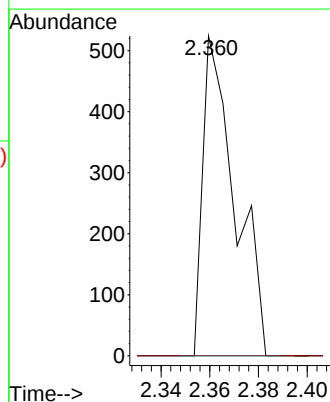
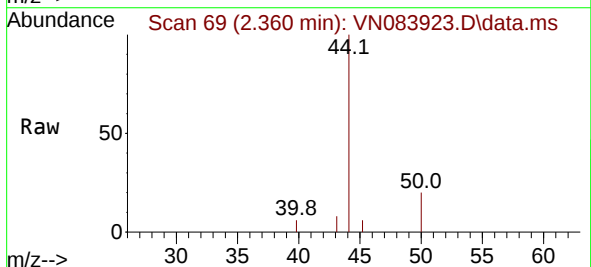
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 163719
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 0.990 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

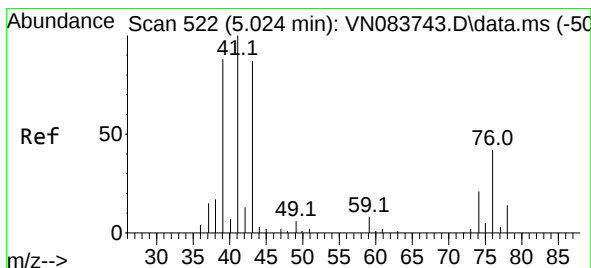
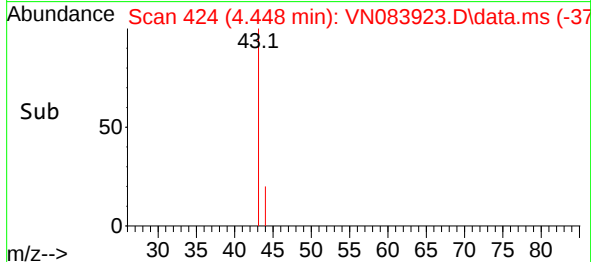
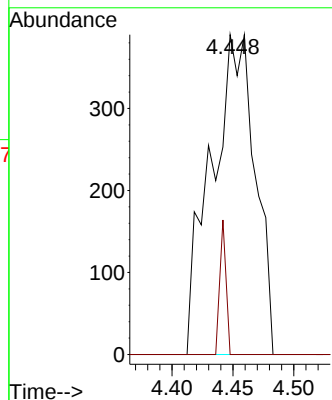
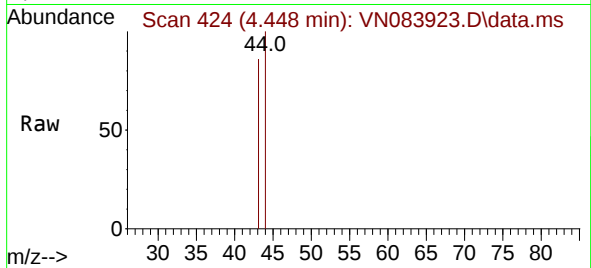
Storage-Blank-SOIL-REF-6

Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 525

Delta R.T. 0.018 min

Lab File: VN083923.D

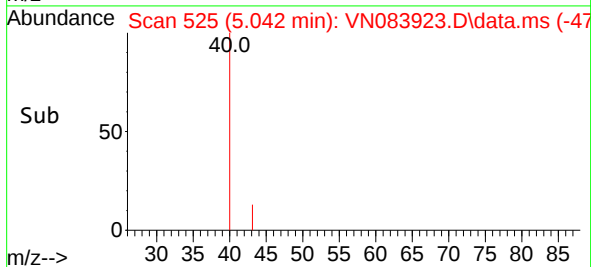
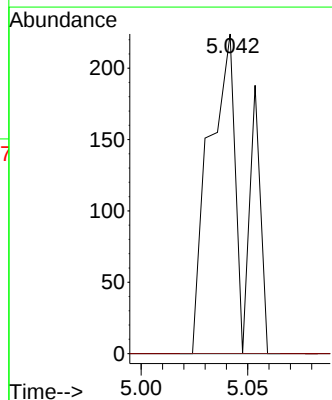
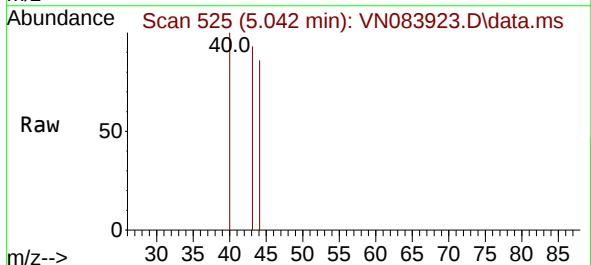
Acq: 16 Sep 2024 17:27

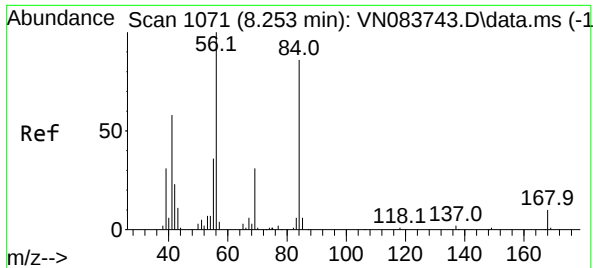
Tgt Ion: 43 Resp: 253

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

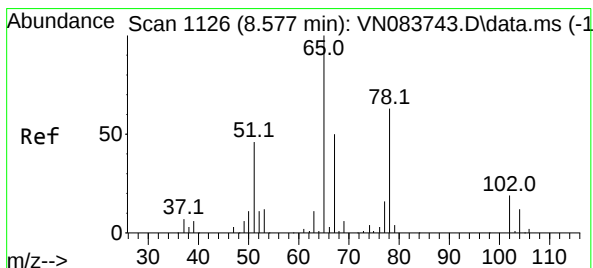
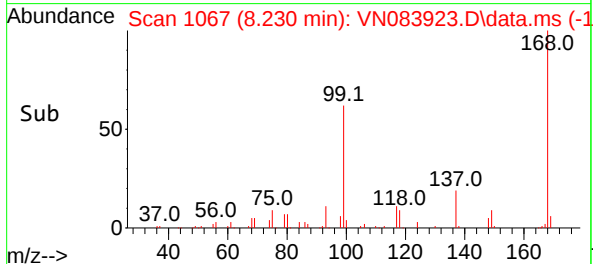
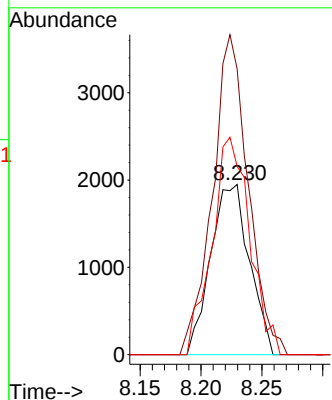
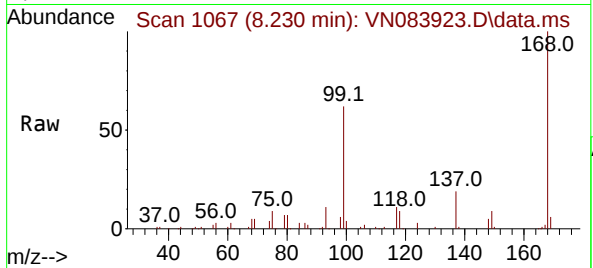




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

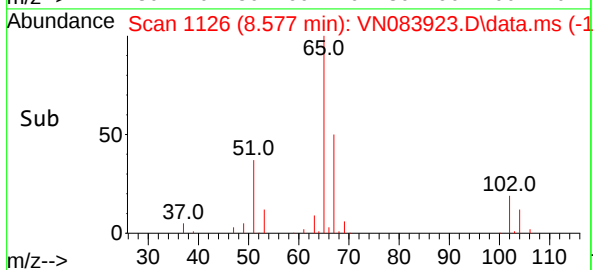
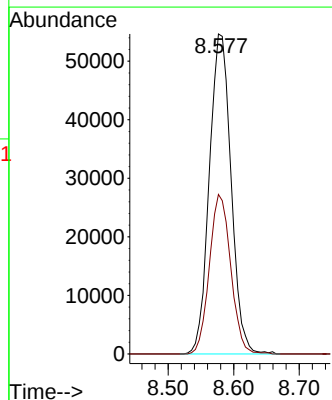
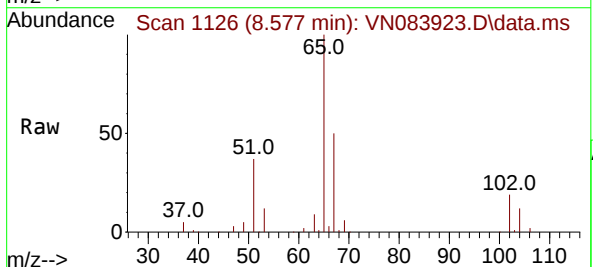
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

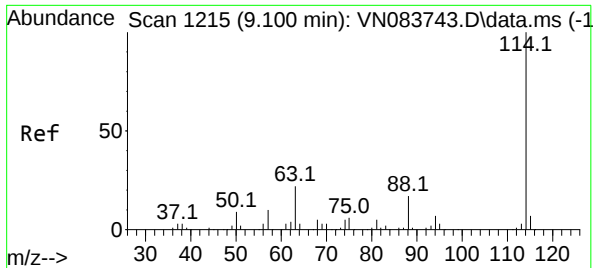
Tgt Ion: 56 Resp: 4321
Ion Ratio Lower Upper
56 100
69 167.8 26.9 40.3#
84 110.6 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.939 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 65 Resp: 125750
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8

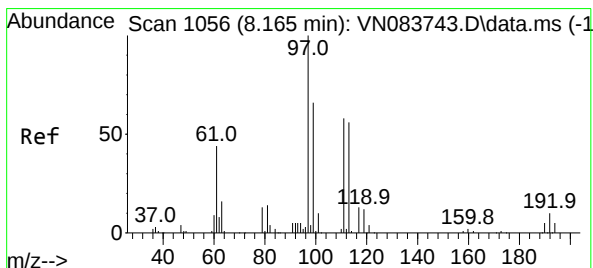
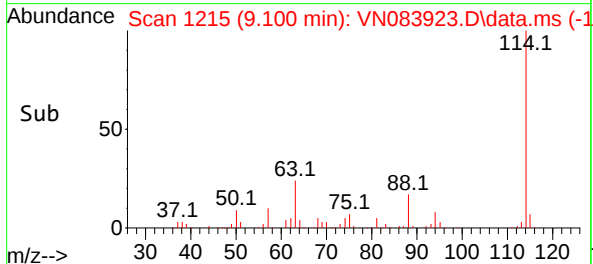
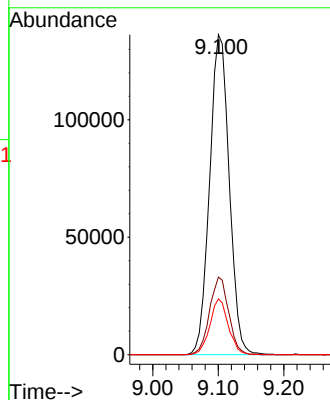
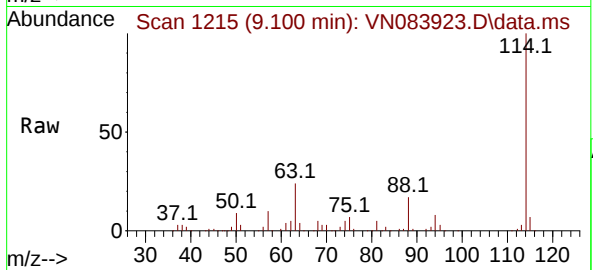




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

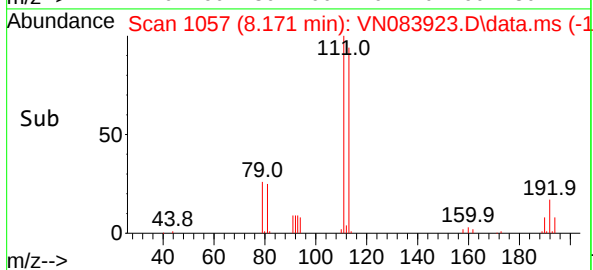
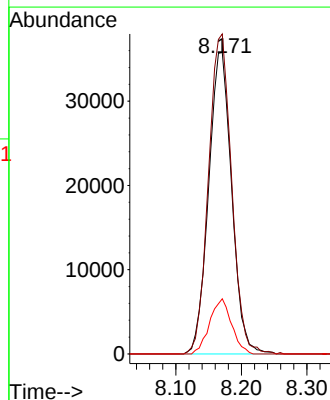
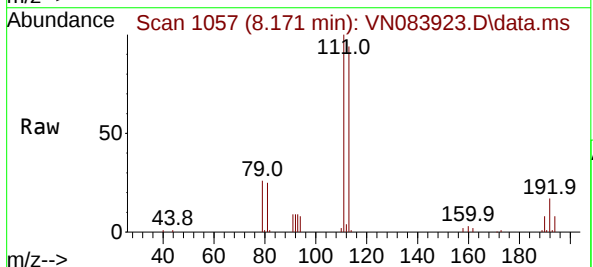
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

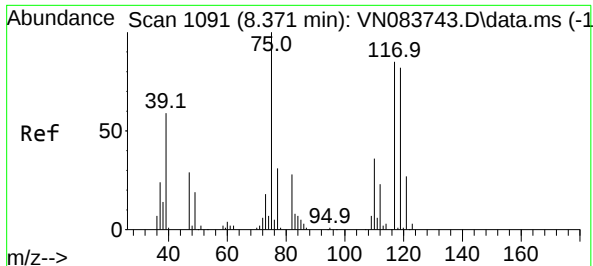
Tgt Ion:114 Resp: 282777
Ion Ratio Lower Upper
114 100
63 24.2 0.0 43.4
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.564 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion:113 Resp: 87916
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.617 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

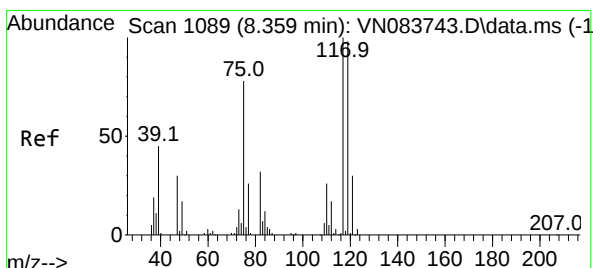
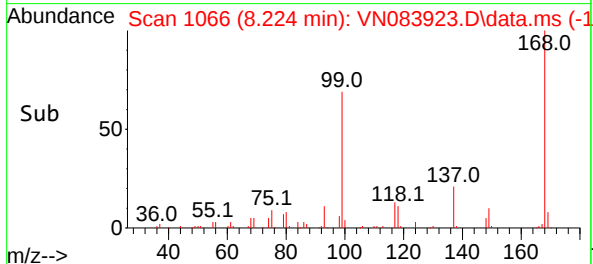
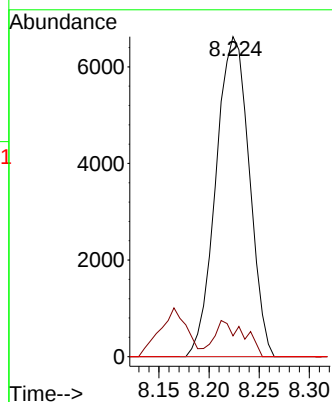
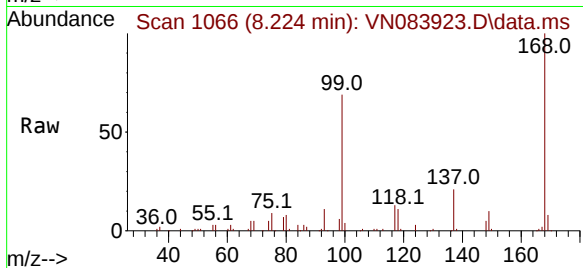
Tgt Ion: 75 Resp: 15304

Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.209 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

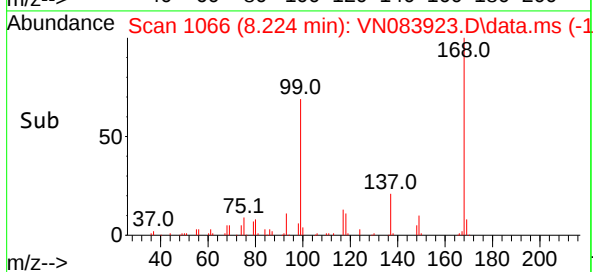
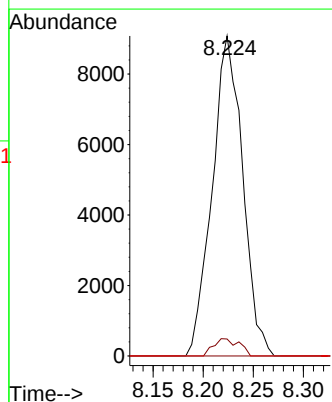
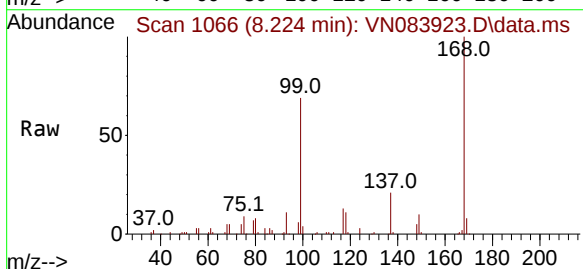
Tgt Ion: 117 Resp: 19194

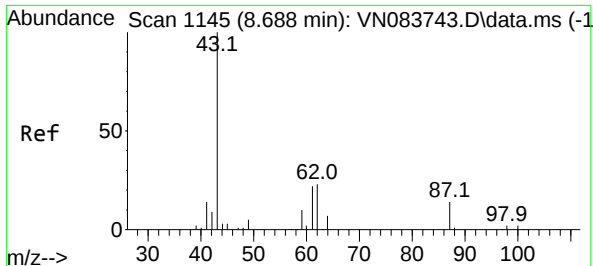
Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 4.158 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

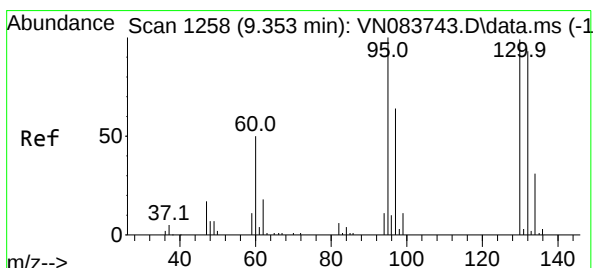
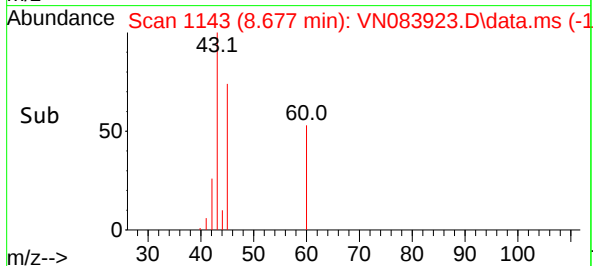
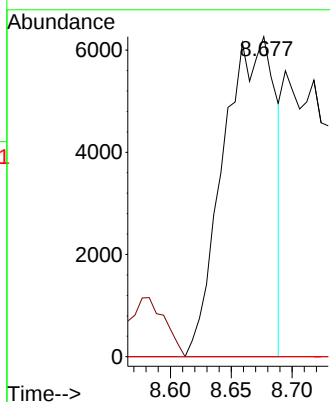
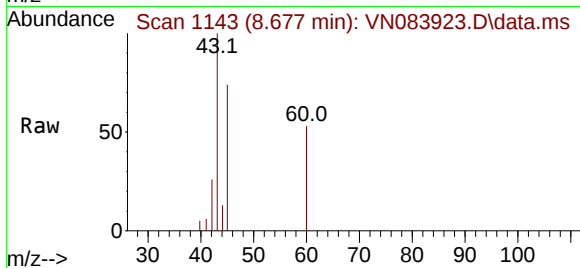
Tgt Ion: 43 Resp: 18636

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.697 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN083923.D

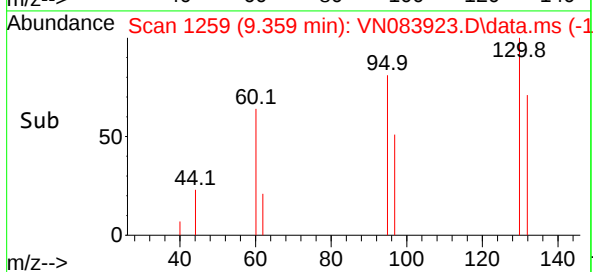
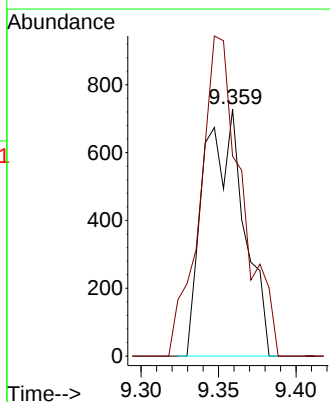
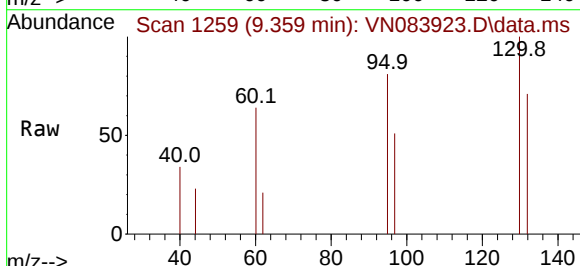
Acq: 16 Sep 2024 17:27

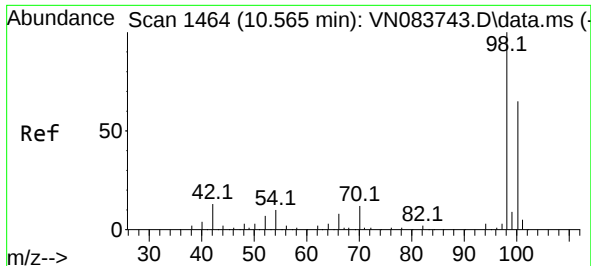
Tgt Ion:130 Resp: 1323

Ion Ratio Lower Upper

130 100

95 80.9 0.0 200.4

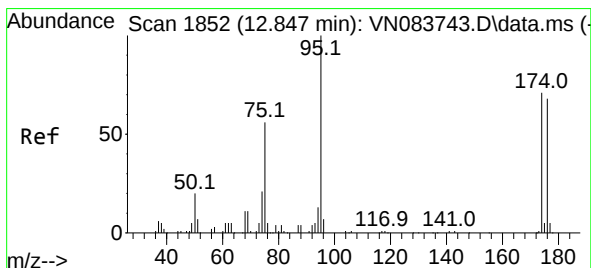
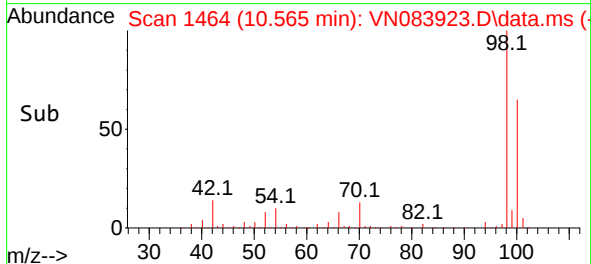
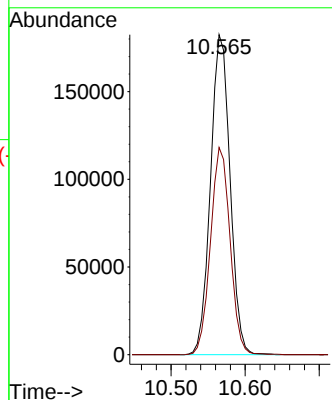
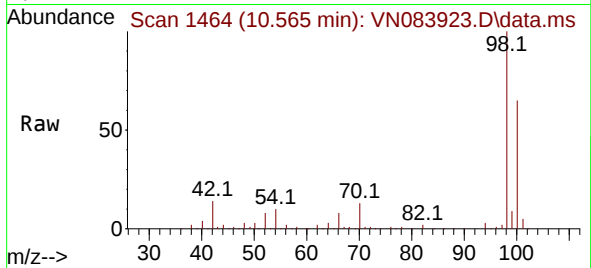




#50
Toluene-d8
Concen: 53.357 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

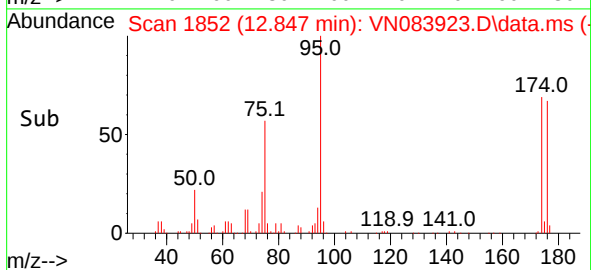
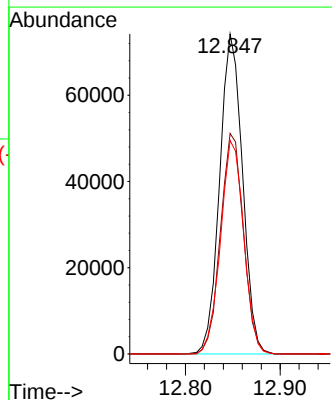
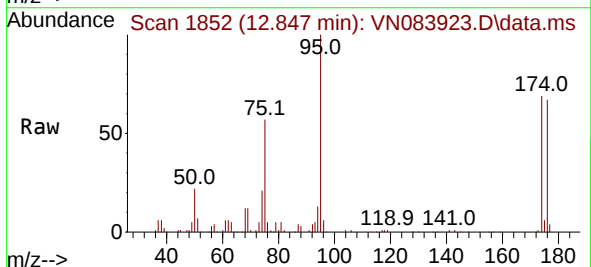
Instrument :
MSVOA_N
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Storage-Blank-SOIL-REF-6

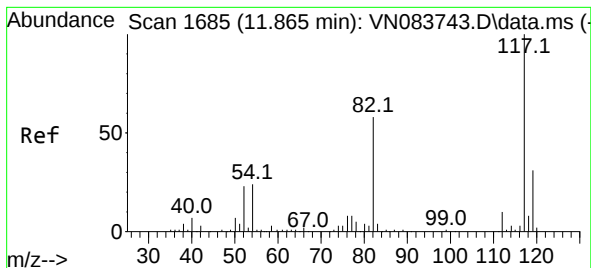
Tgt Ion: 98 Resp: 333922
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 95 Resp: 124337
Ion Ratio Lower Upper
95 100
174 69.3 0.0 139.8
176 67.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

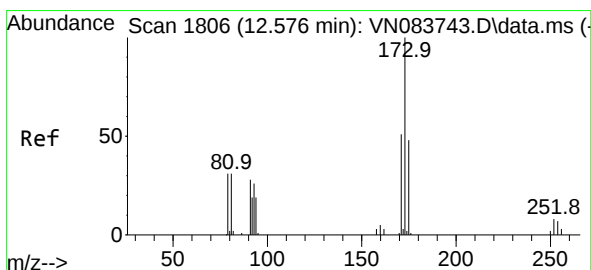
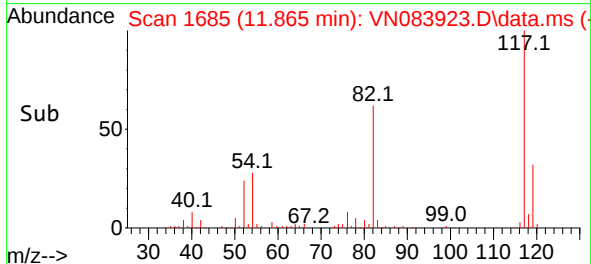
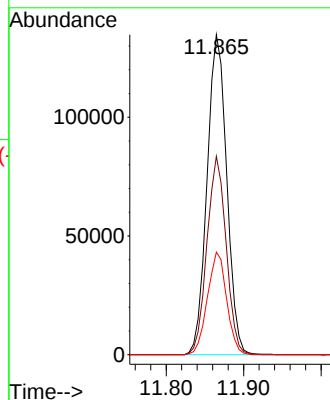
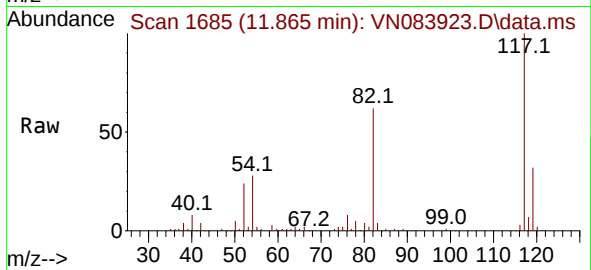
Tgt Ion:117 Resp: 238124

Ion Ratio Lower Upper

117 100

82 62.0 47.4 71.0

119 32.1 26.3 39.5



#71

Bromoform

Concen: 0.488 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN083923.D

Acq: 16 Sep 2024 17:27

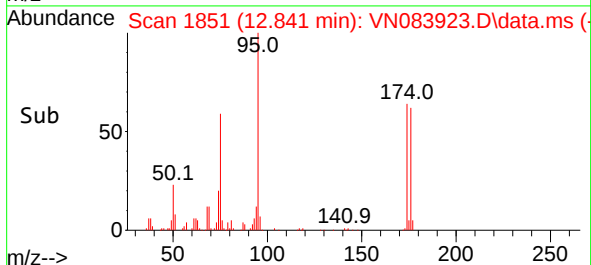
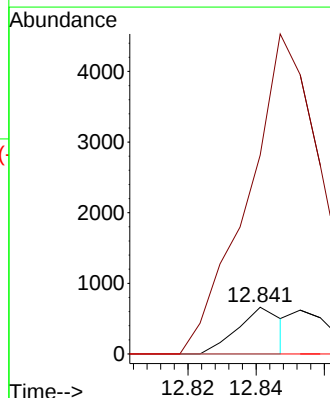
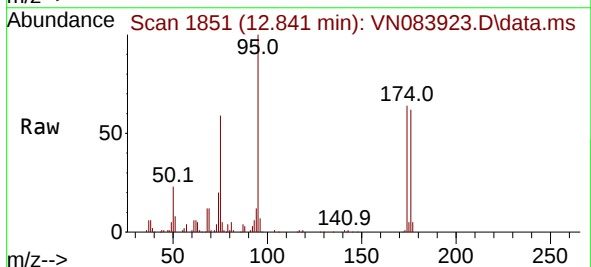
Tgt Ion:173 Resp: 603

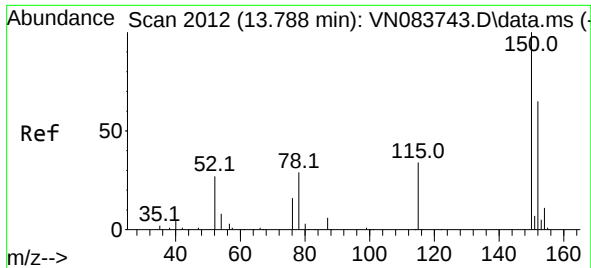
Ion Ratio Lower Upper

173 100

175 866.3 24.1 72.2#

254 0.0 0.0 0.0

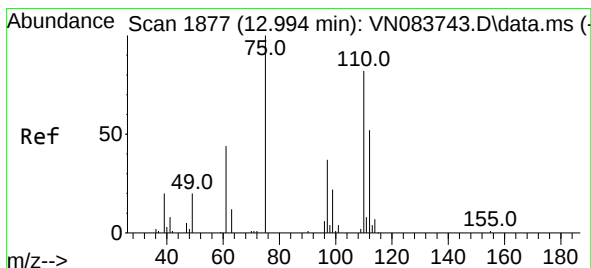
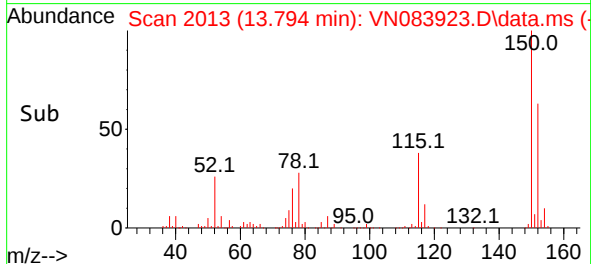
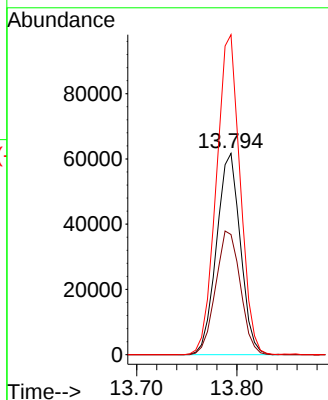
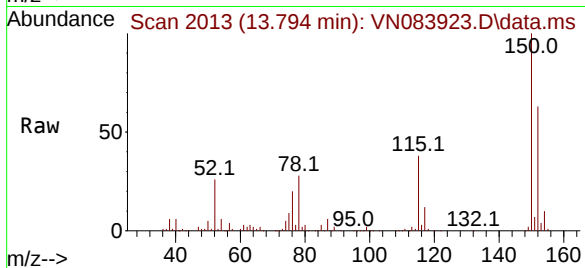




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

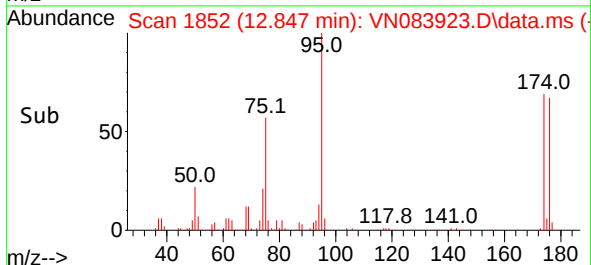
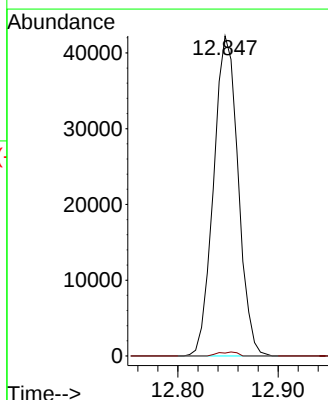
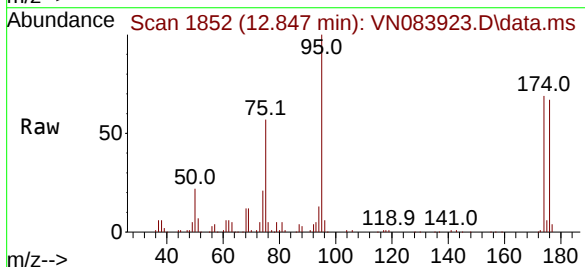
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

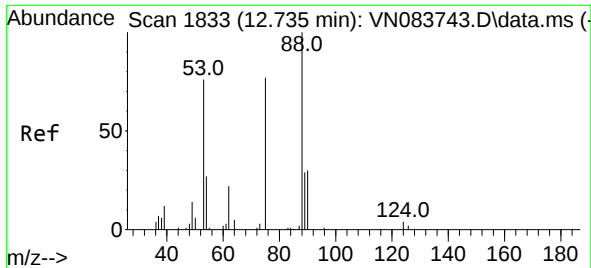
Tgt Ion:152 Resp: 101809
Ion Ratio Lower Upper
152 100
115 63.7 32.2 96.6
150 158.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

Tgt Ion: 75 Resp: 71697
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.408 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083923.D
Acq: 16 Sep 2024 17:27

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

Tgt Ion: 75 Resp: 71697
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

