

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084116.D
 Acq On : 23 Sep 2024 17:53
 Operator : JC\MD
 Sample : P4136-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 24 04:59:39 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)

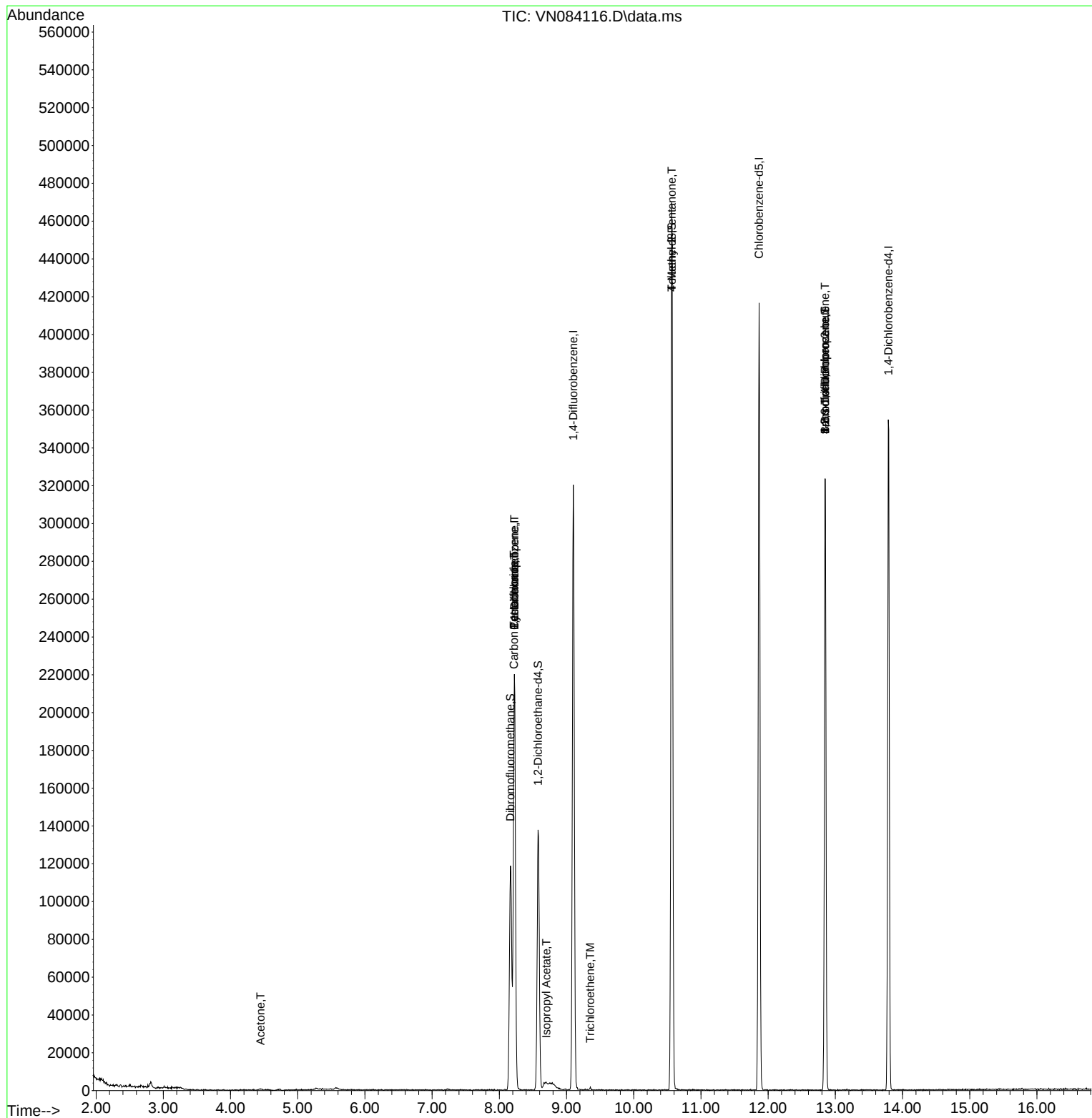
Internal Standards						
1) Pentafluorobenzene	8.224	168	150480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118067	52.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	8.165	113	87214	52.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	10.565	98	317201	54.710	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.420%			
62) 4-Bromofluorobenzene	12.847	95	108313	45.280	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.560%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1027	Below Cal	#	84
16) Acetone	4.448	43	1066	1.172	ug/l #	45
18) Methyl Acetate	5.036	43	129	Below Cal	#	52
31) Cyclohexane	8.224	56	4116	1.255	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	13876	5.497	ug/l #	50
38) Carbon Tetrachloride	8.218	117	17357	6.061	ug/l #	16
43) Isopropyl Acetate	8.700	43	5141	1.238	ug/l #	57
44) Trichloroethene	9.353	130	493	0.280	ug/l	91
51) 4-Methyl-2-Pentanone	10.565	43	1660	0.734	ug/l #	1
71) Bromoform	12.847	173	473	0.408	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60698	33.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60698	87.362	ug/l #	9

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

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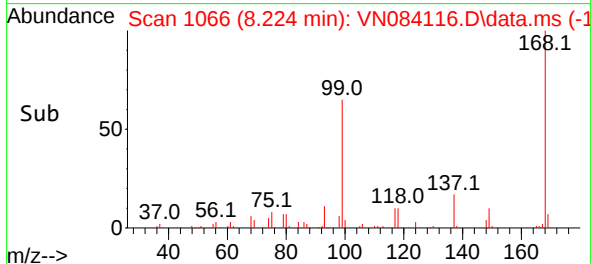
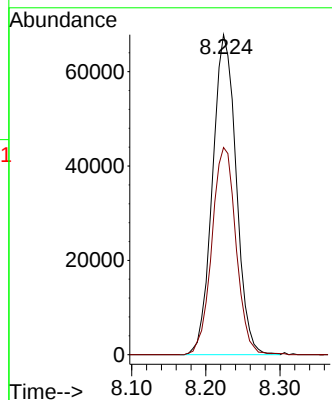
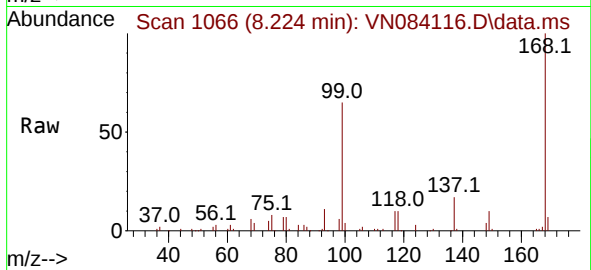




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

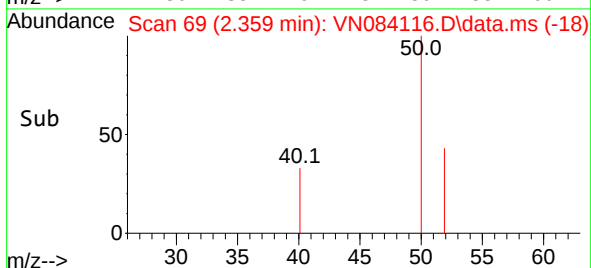
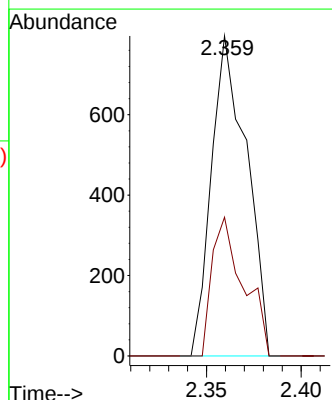
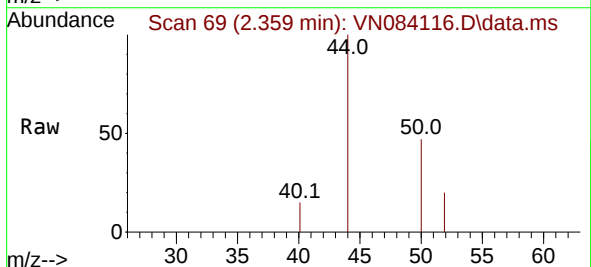
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 150480
Ion Ratio Lower Upper
168 100
99 64.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion: 50 Resp: 1027
Ion Ratio Lower Upper
50 100
52 43.3 27.2 40.8#

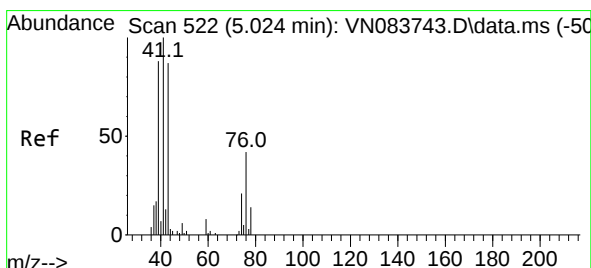
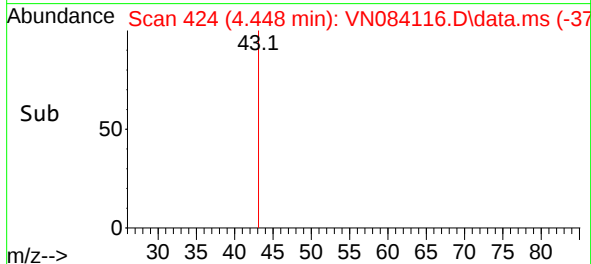
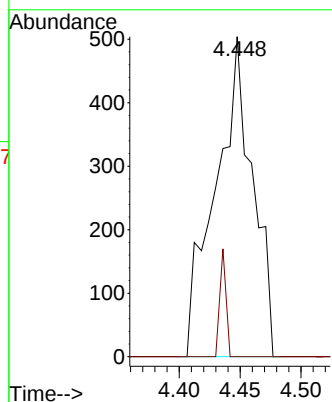
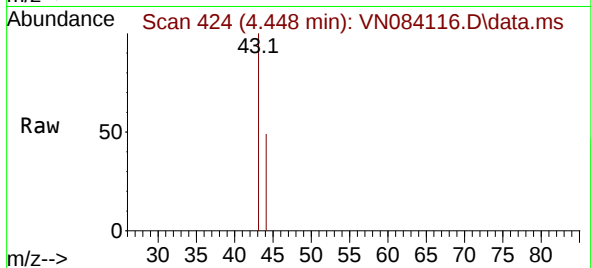




#16
Acetone
Concen: 1.172 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

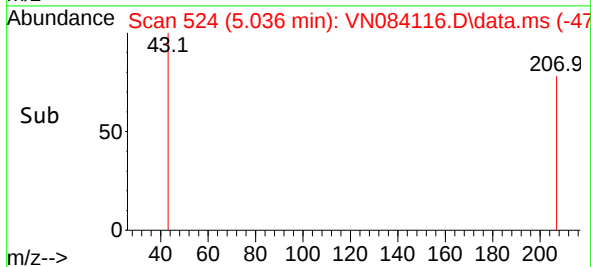
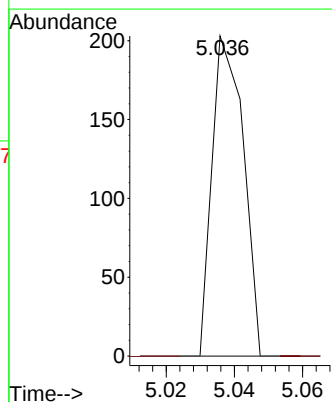
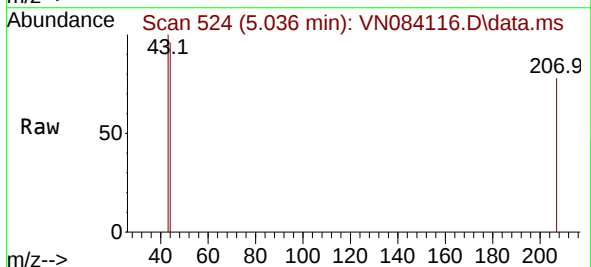
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

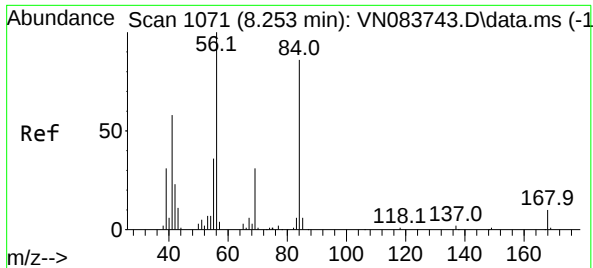
Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

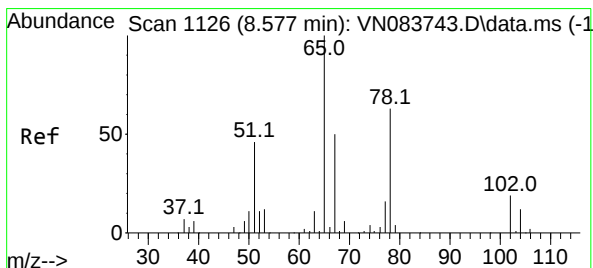
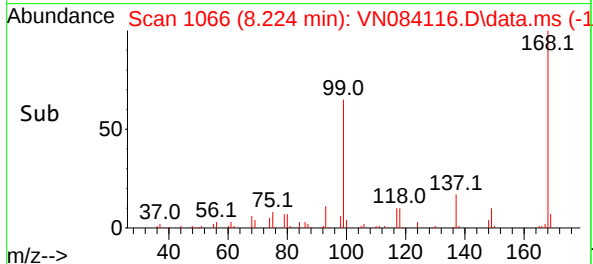
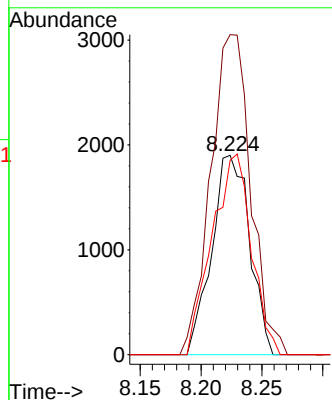
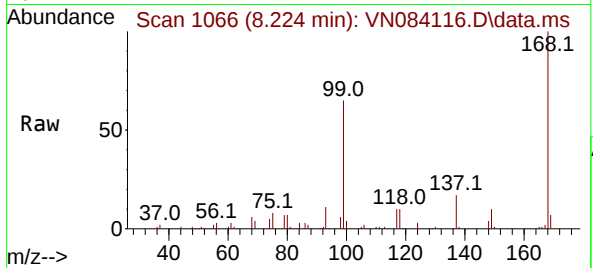




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

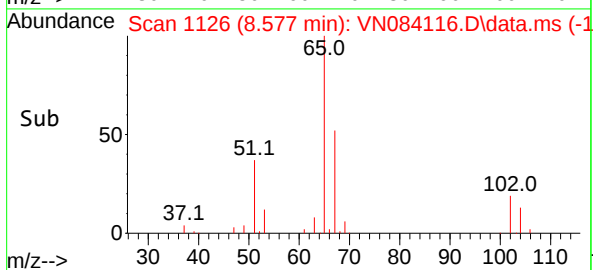
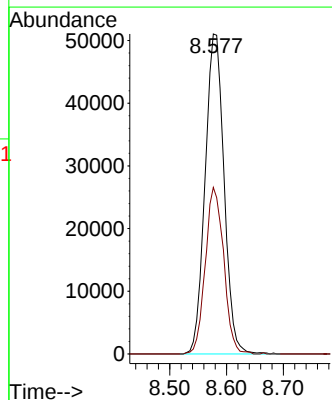
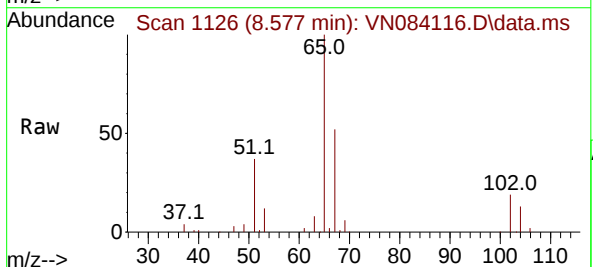
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 56 Resp: 4116
Ion Ratio Lower Upper
56 100
69 160.5 26.9 40.3#
84 97.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion: 65 Resp: 118067
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8

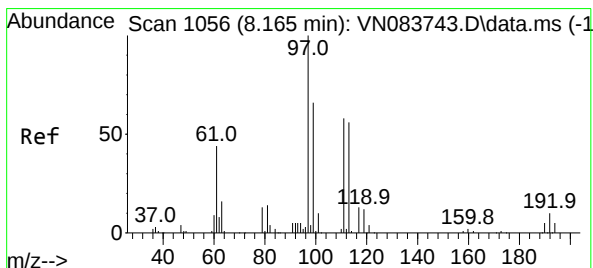
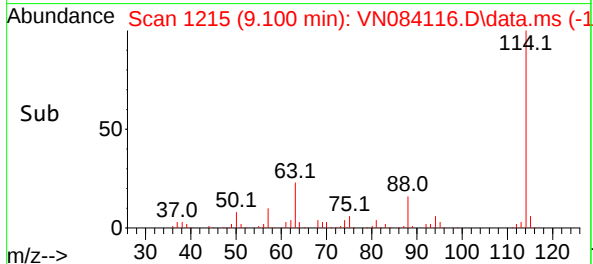
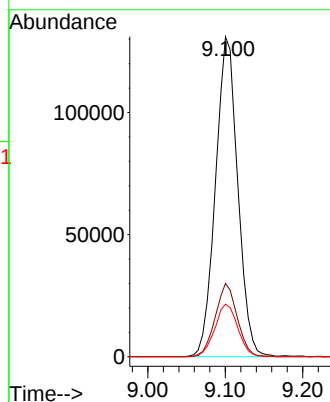
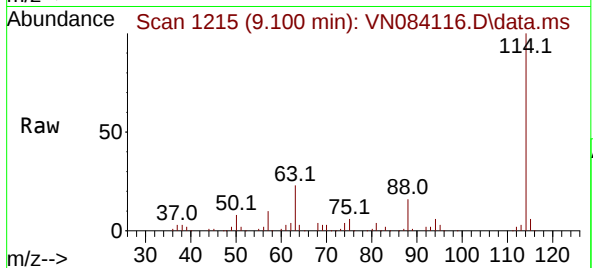




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

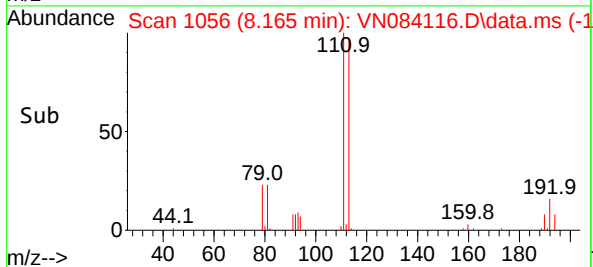
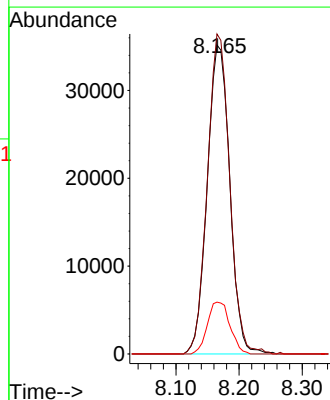
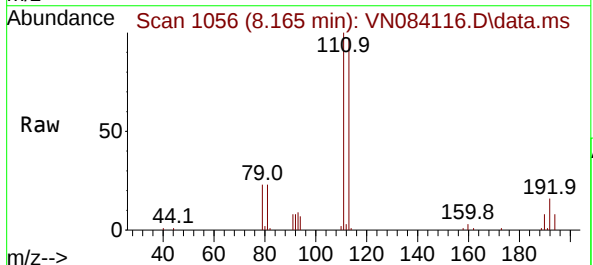
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

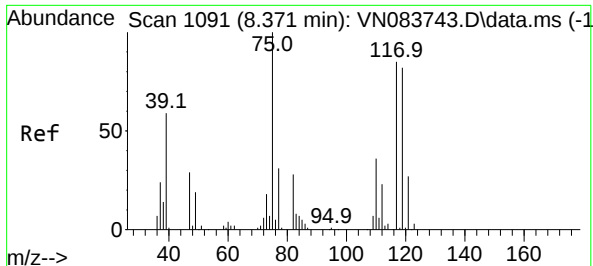
Tgt Ion:114 Resp: 261972
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.003 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion:113 Resp: 87214
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.497 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

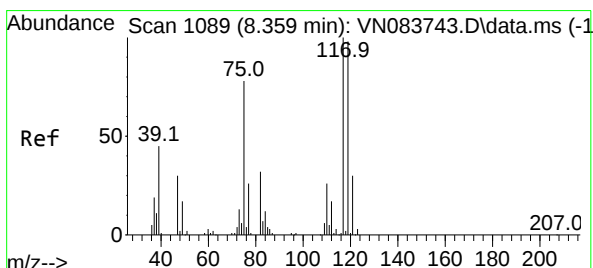
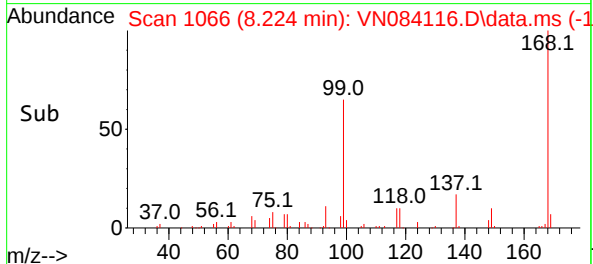
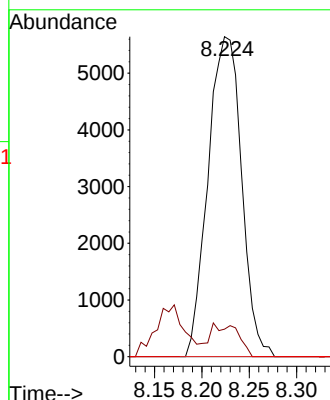
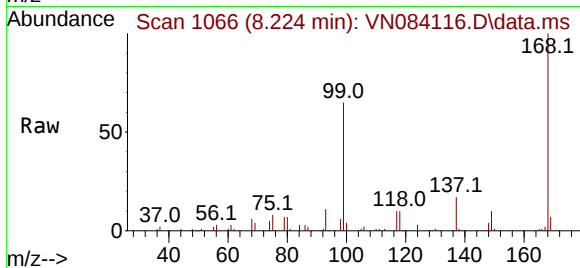
Tgt Ion: 75 Resp: 13876

Ion Ratio Lower Upper

75 100

110 9.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.061 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

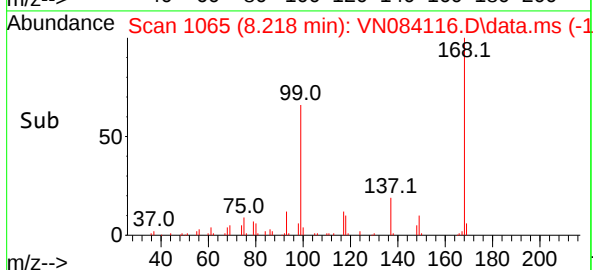
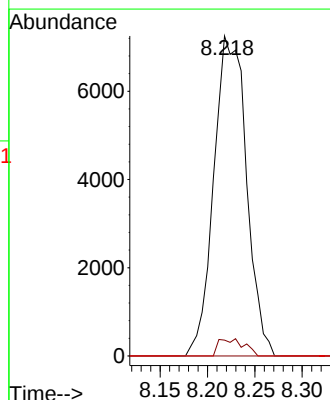
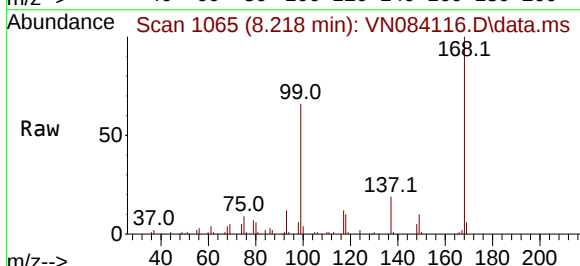
Tgt Ion: 117 Resp: 17357

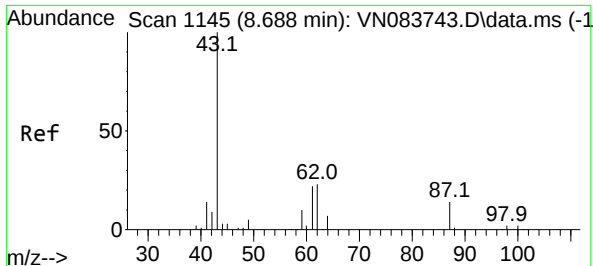
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 1.238 ug/l

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

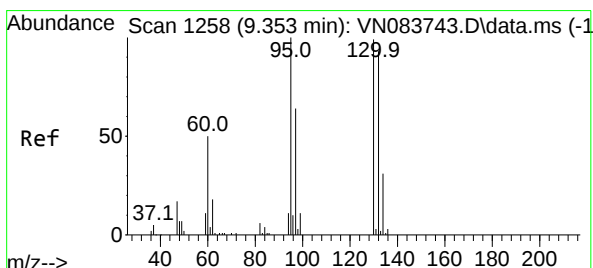
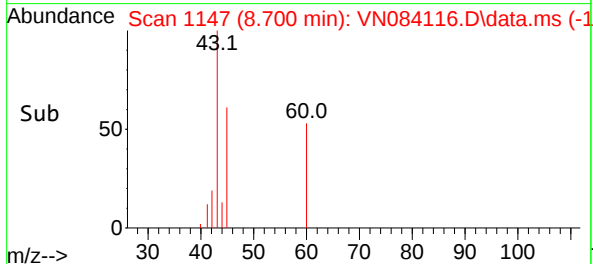
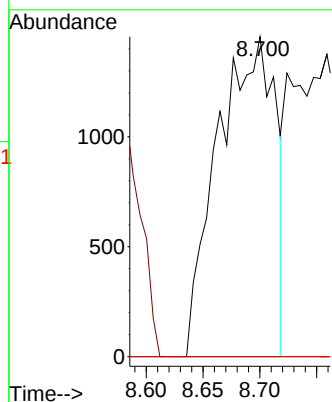
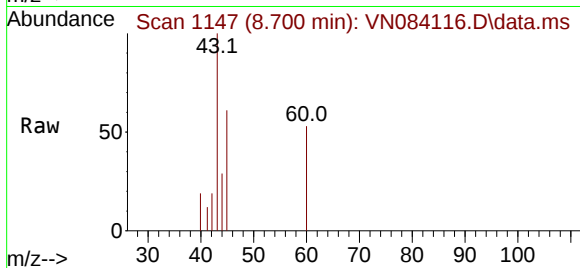
Tgt Ion: 43 Resp: 5141

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.280 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084116.D

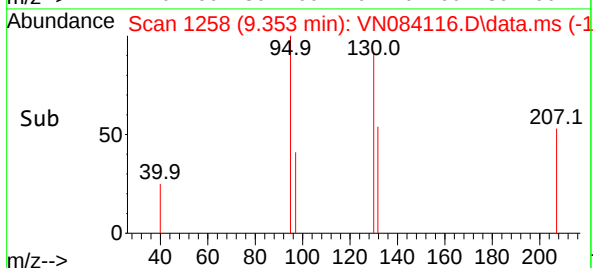
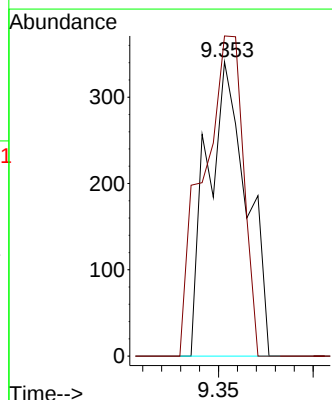
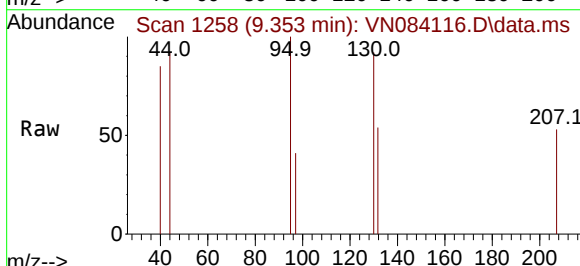
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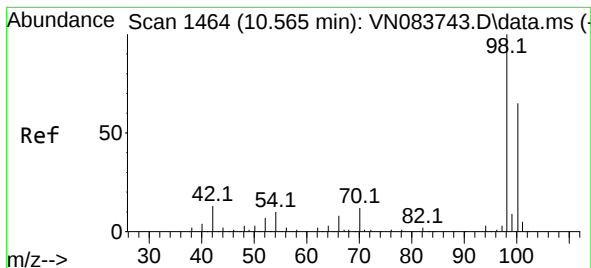
Tgt Ion:130 Resp: 493

Ion Ratio Lower Upper

130 100

95 108.8 0.0 200.4





#50

Toluene-d8

Concen: 54.710 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

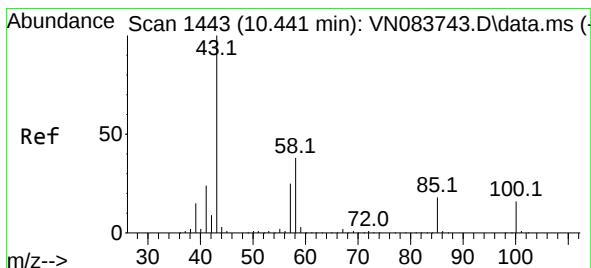
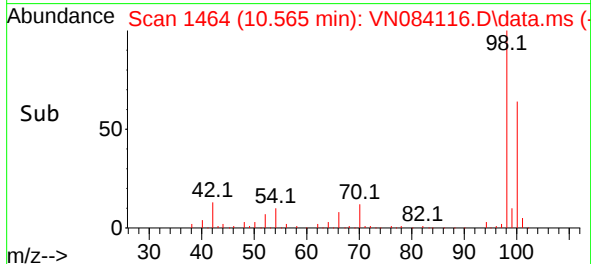
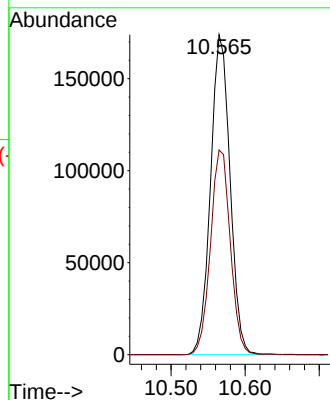
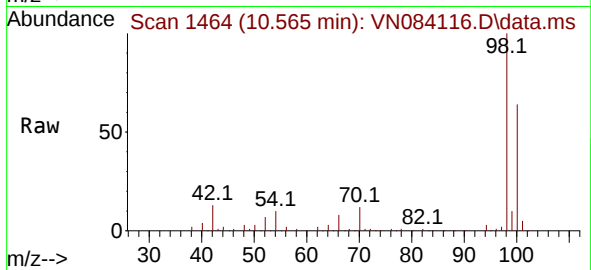
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 317201

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.734 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN084116.D

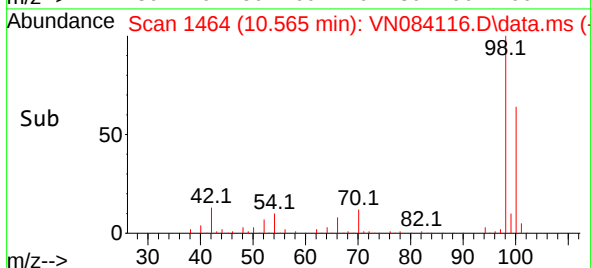
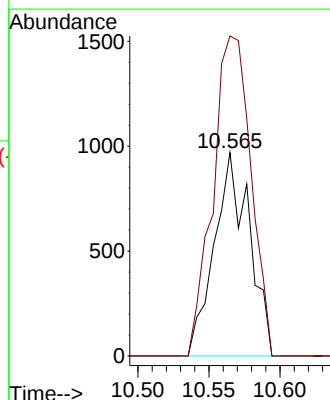
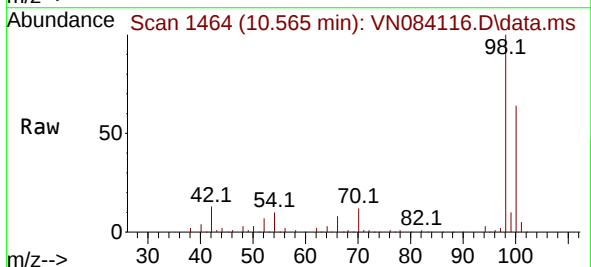
Acq: 23 Sep 2024 17:53

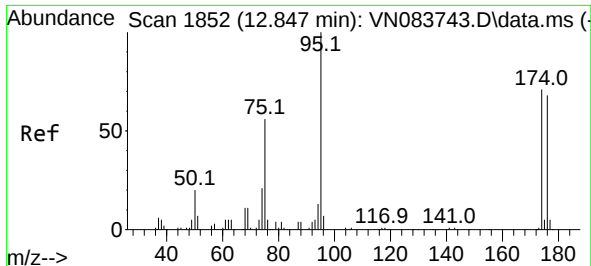
Tgt Ion: 43 Resp: 1660

Ion Ratio Lower Upper

43 100

58 171.5 31.6 47.4#

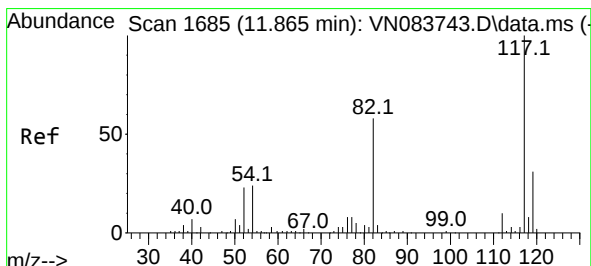
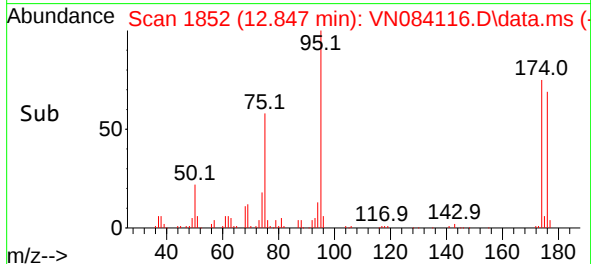
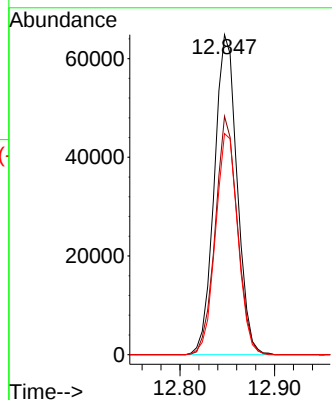
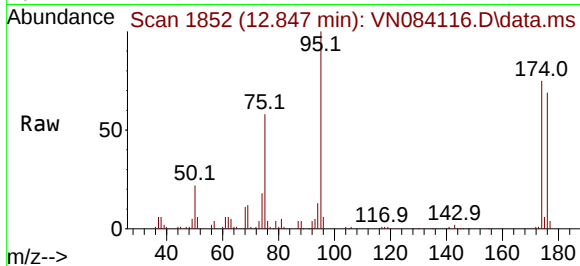




#62
4-Bromofluorobenzene
Concen: 45.280 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

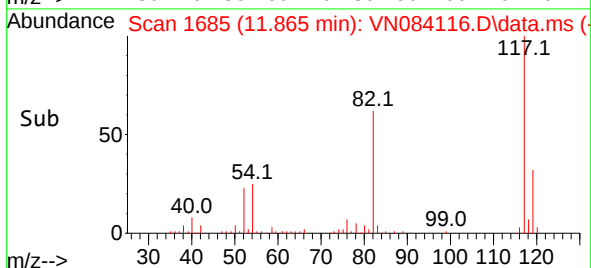
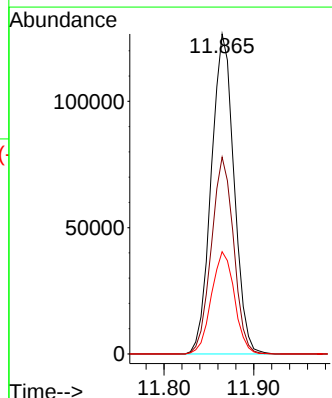
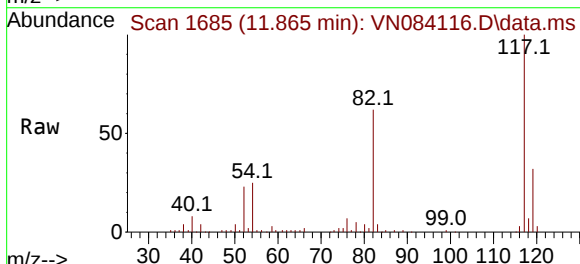
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

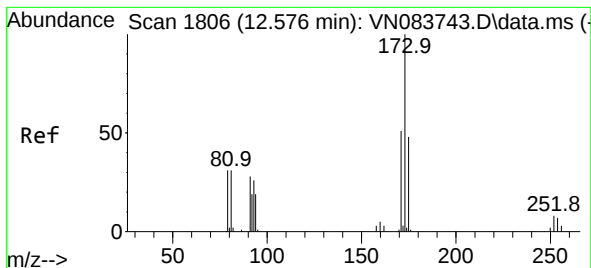
Tgt Ion: 95 Resp: 108313
Ion Ratio Lower Upper
95 100
174 72.4 0.0 139.8
176 68.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion: 117 Resp: 223020
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 32.0 26.3 39.5





#71

Bromoform

Concen: 0.408 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

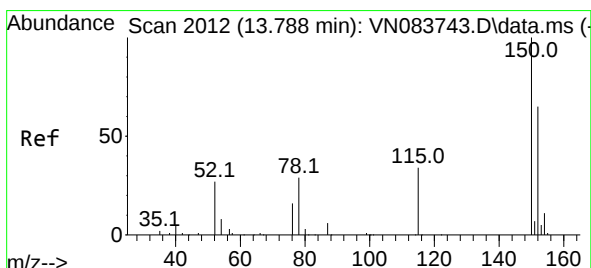
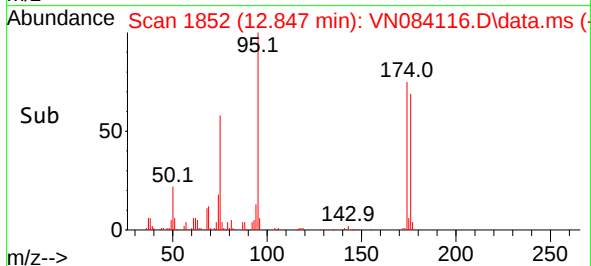
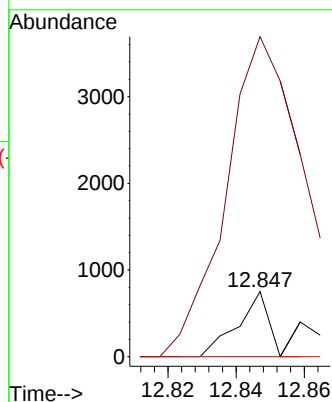
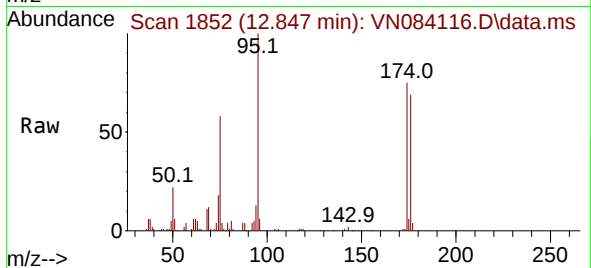
Tgt Ion:173 Resp: 473

Ion Ratio Lower Upper

173 100

175 919.7 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084116.D

Acq: 23 Sep 2024 17:53

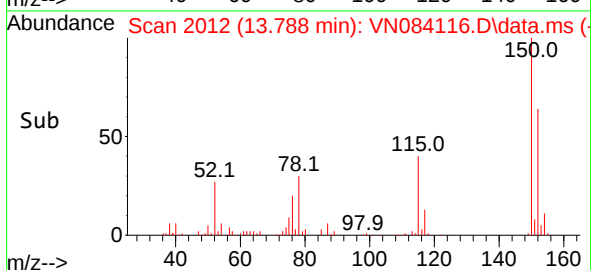
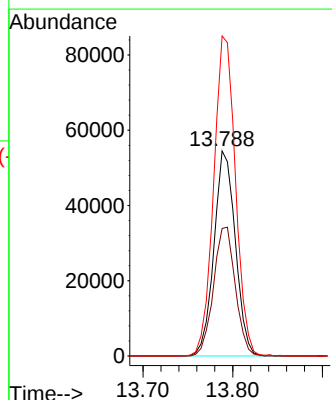
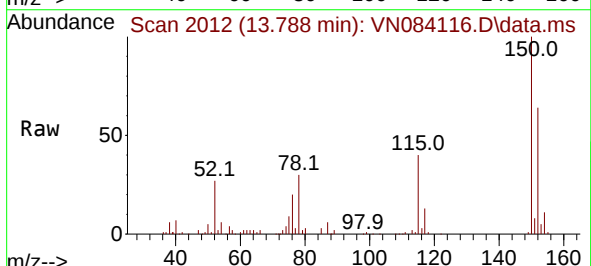
Tgt Ion:152 Resp: 90182

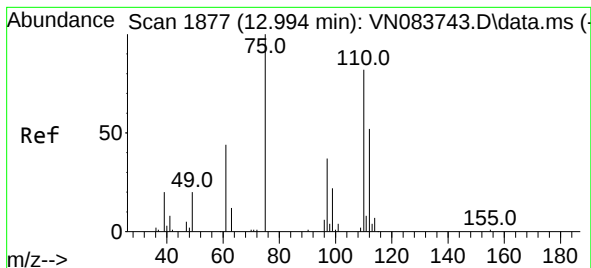
Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

150 159.0 0.0 348.6

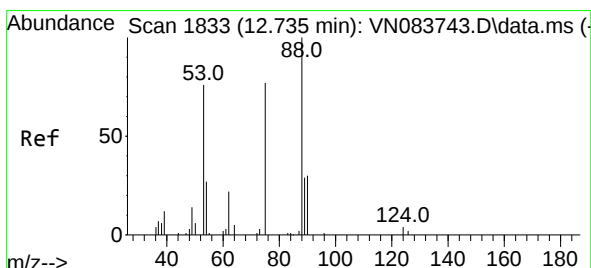
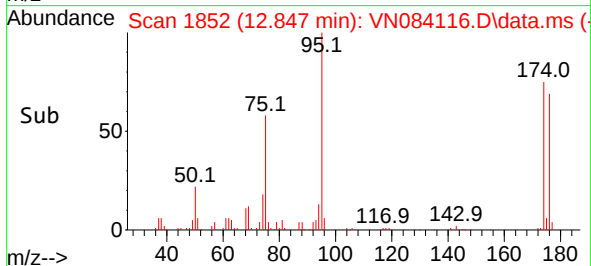
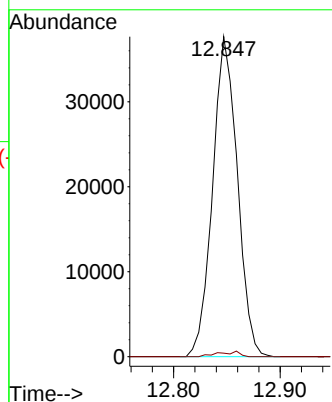
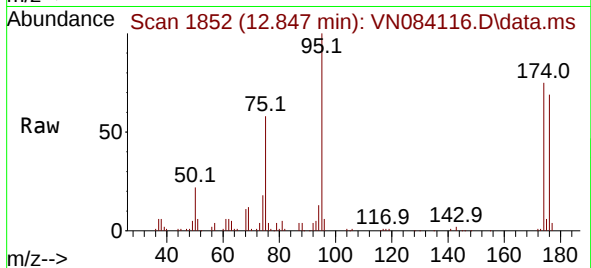




#76
1,2,3-Trichloropropane
Concen: 33.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

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

Tgt Ion: 75 Resp: 60698
Ion Ratio Lower Upper
75 100
77 1.4 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.362 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084116.D
Acq: 23 Sep 2024 17:53

Tgt Ion: 75 Resp: 60698
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.2 35.7 53.5#

