

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081630.D
 Acq On : 29 Mar 2024 21:04
 Operator : JC\MD
 Sample : P1928-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 30 00:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

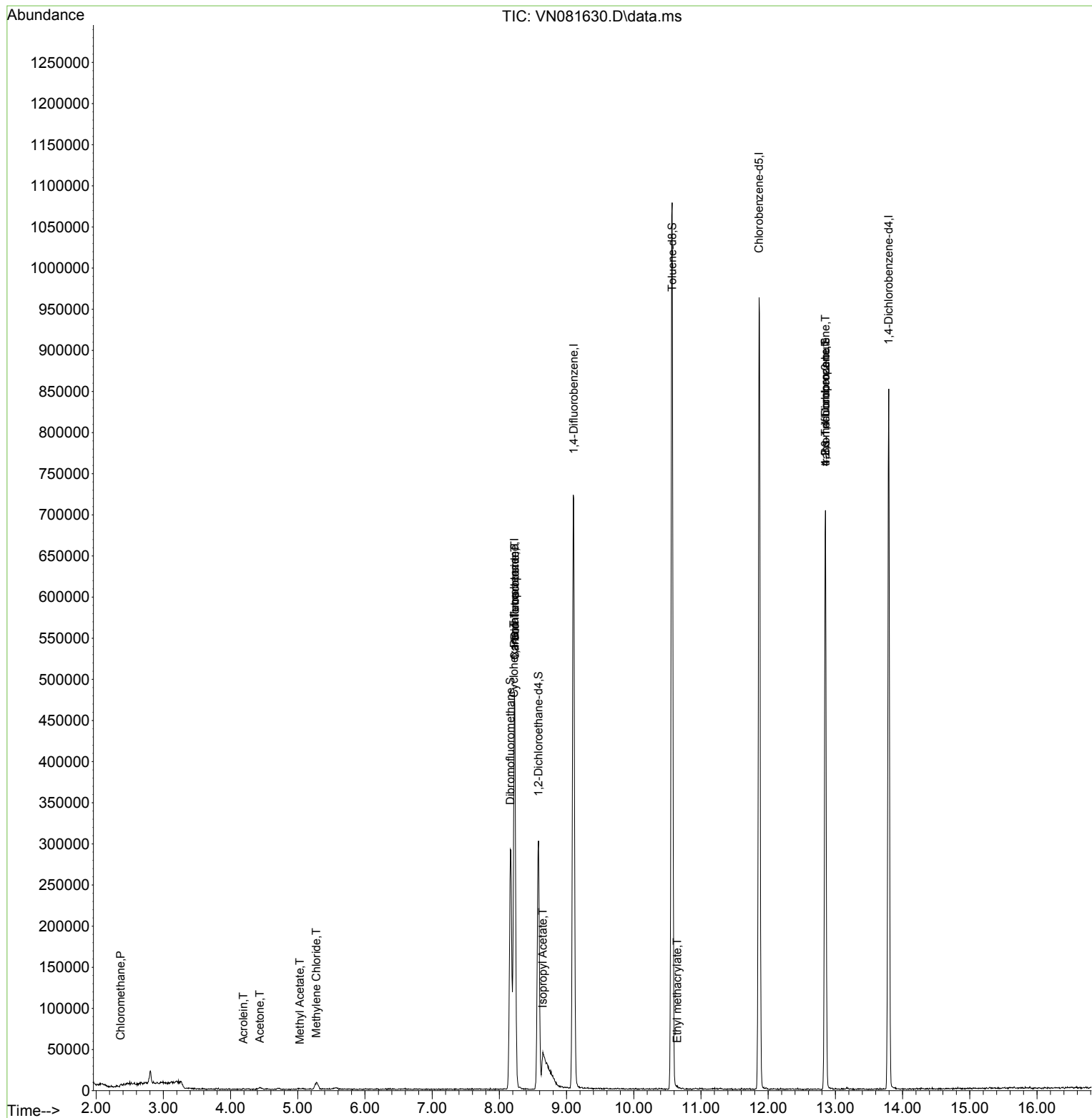
Internal Standards						
1) Pentafluorobenzene	8.224	168	339241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	649329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	579634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241546	55.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.660%			
35) Dibromofluoromethane	8.165	113	213691	52.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.571	98	762490	51.473	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.853	95	237434	45.488	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.980%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1236	0.272	ug/l #	29
13) Acrolein	4.189	56	405	0.599	ug/l #	34
16) Acetone	4.436	43	3402	2.433	ug/l #	68
18) Methyl Acetate	5.030	43	1502	0.348	ug/l #	65
20) Methylene Chloride	5.277	84	7091	1.548	ug/l #	73
31) Cyclohexane	8.218	56	8163	1.160	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	28746	4.168	ug/l #	50
38) Carbon Tetrachloride	8.230	117	38826	5.139	ug/l #	19
43) Isopropyl Acetate	8.647	43	44855	4.582	ug/l #	59
56) Ethyl methacrylate	10.647	69	54	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	125574	23.215	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	125574	62.735	ug/l #	14

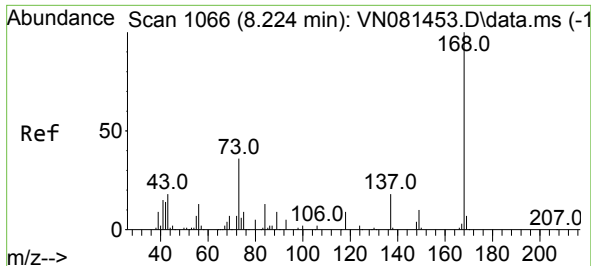
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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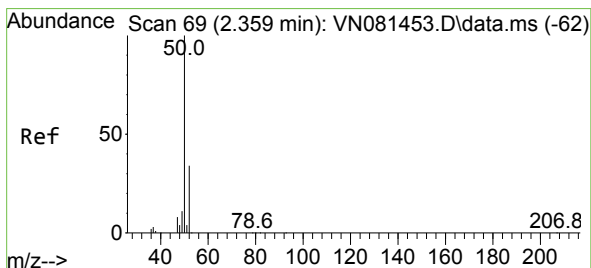
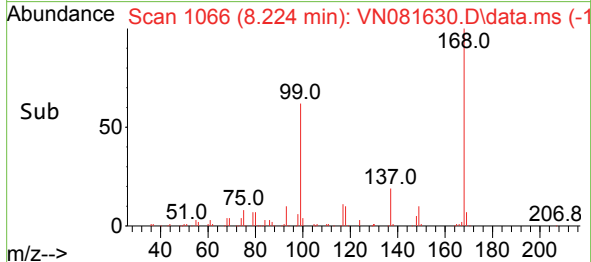
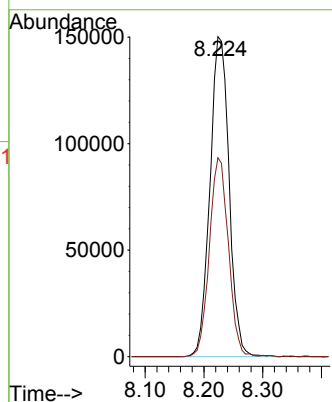
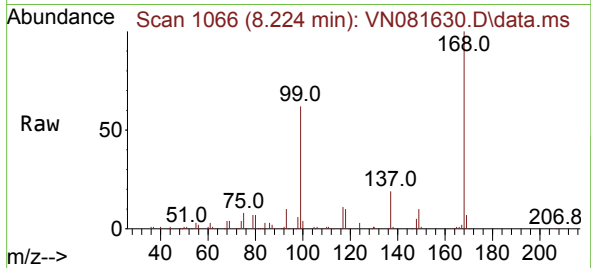




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

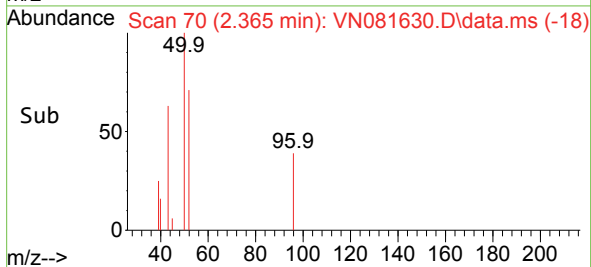
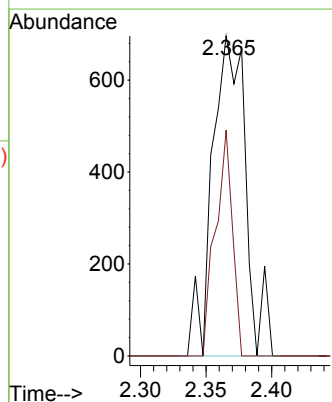
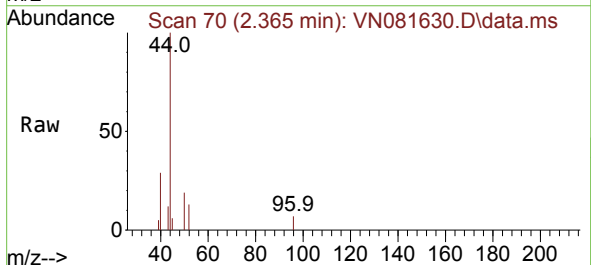
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

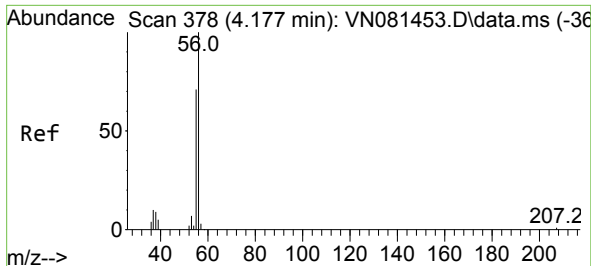
Tgt Ion:168 Resp: 339241
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 50 Resp: 1236
Ion Ratio Lower Upper
50 100
52 70.5 25.0 37.4#

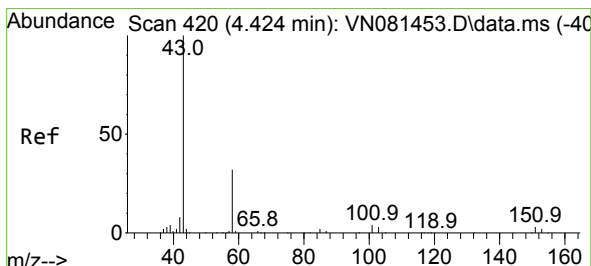
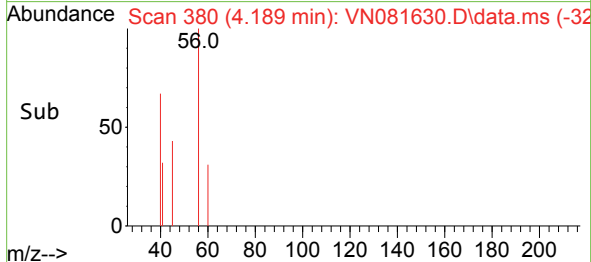
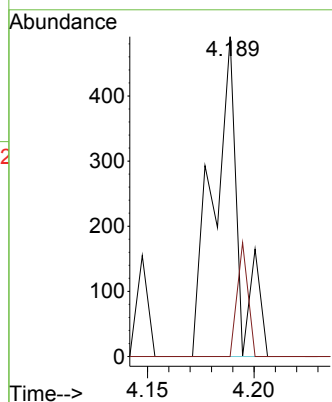
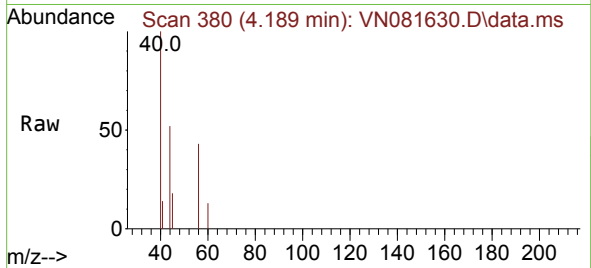




#13
Acrolein
Concen: 0.599 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

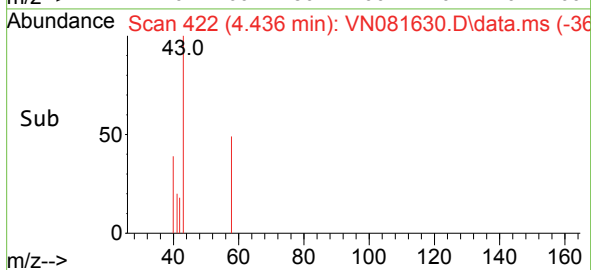
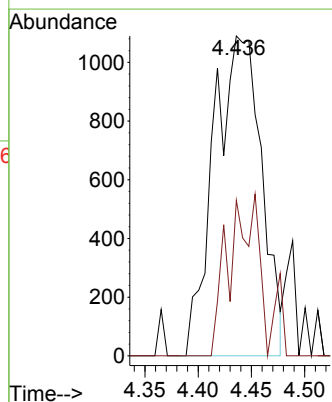
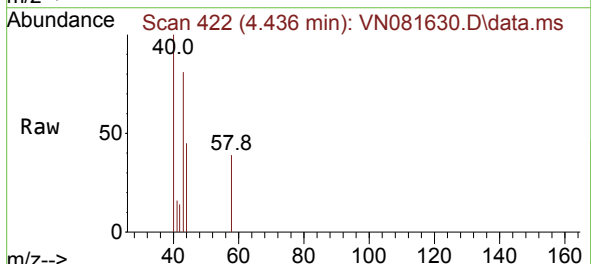
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

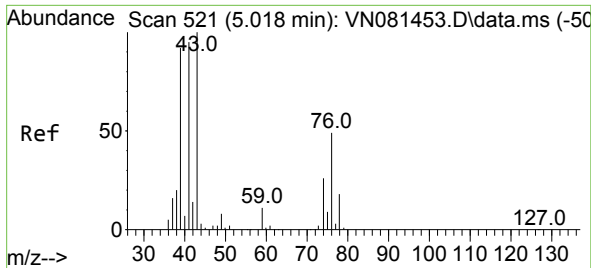
Tgt Ion: 56 Resp: 405
Ion Ratio Lower Upper
56 100
55 15.3 55.3 82.9#



#16
Acetone
Concen: 2.433 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 48.6 24.8 37.2#





#18

Methyl Acetate

Concen: 0.348 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN081630.D

Acq: 29 Mar 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

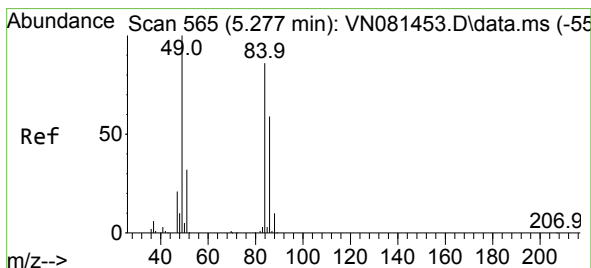
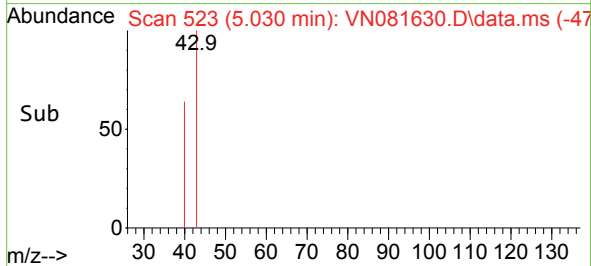
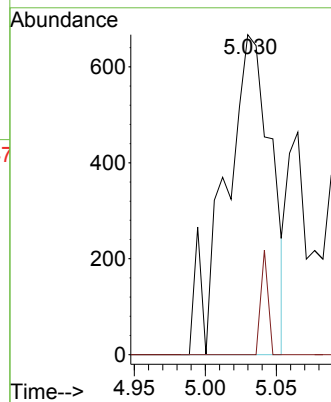
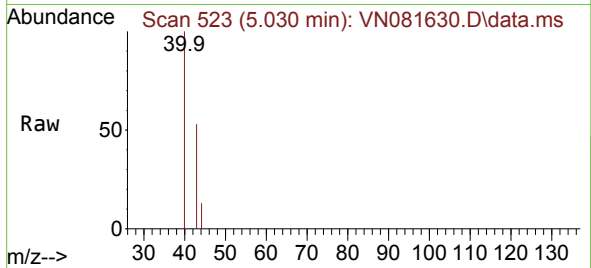
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

74 5.1 17.3 25.9#



#20

Methylene Chloride

Concen: 1.548 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN081630.D

Acq: 29 Mar 2024 21:04

Tgt Ion: 84 Resp: 7091

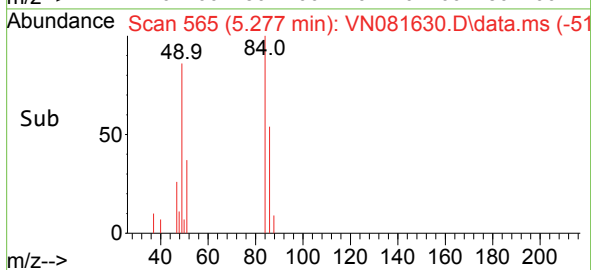
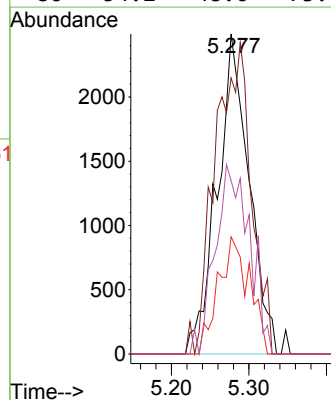
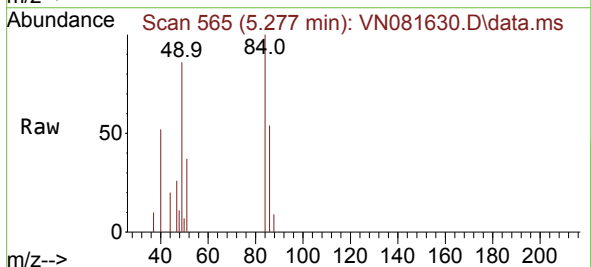
Ion Ratio Lower Upper

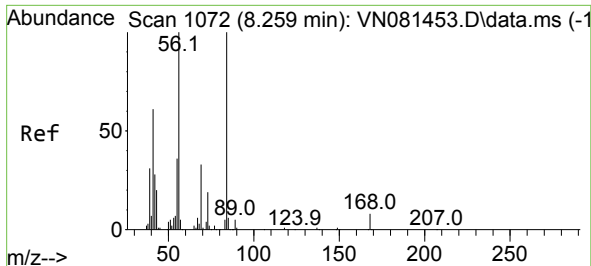
84 100

49 86.3 108.1 162.1#

51 36.6 32.9 49.3

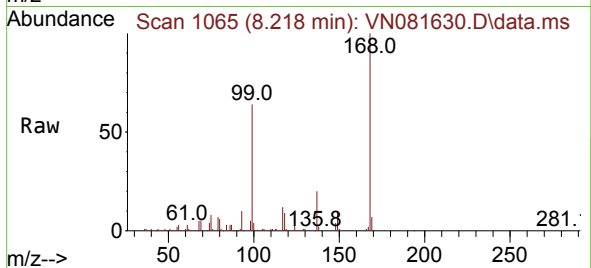
86 54.2 48.6 73.0



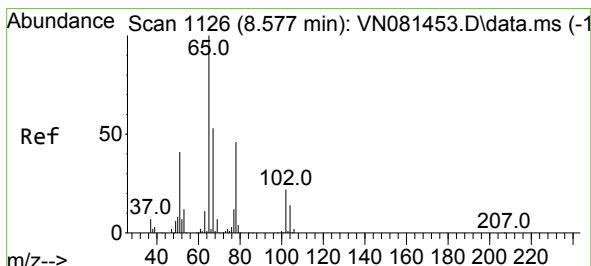
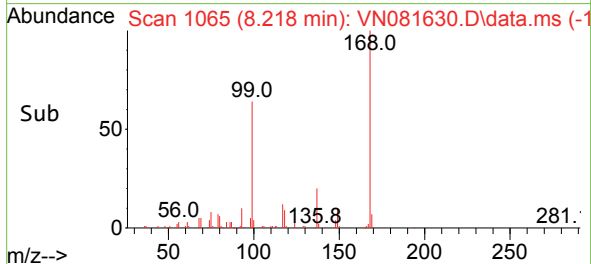
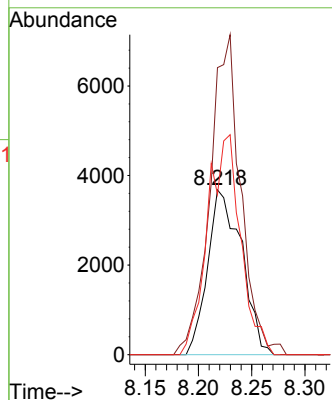


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

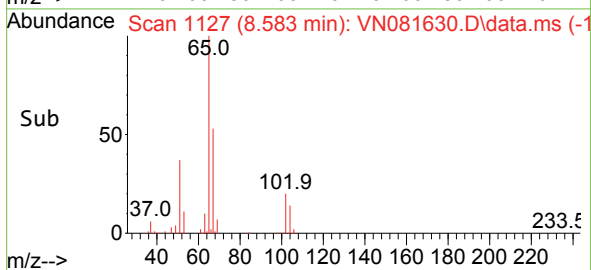
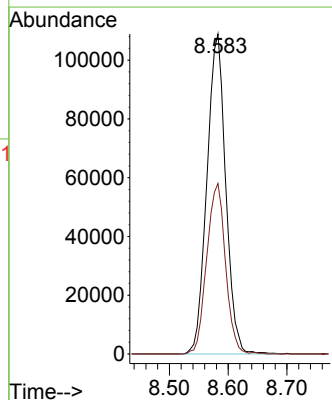
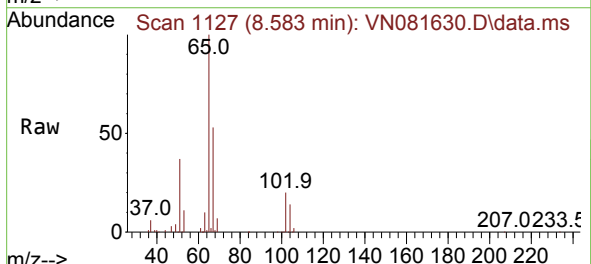


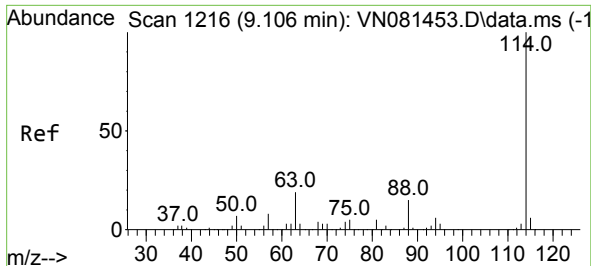
Tgt Ion: 56 Resp: 8163
Ion Ratio Lower Upper
56 100
69 168.6 20.1 30.1#
84 97.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.833 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 65 Resp: 241546
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.4

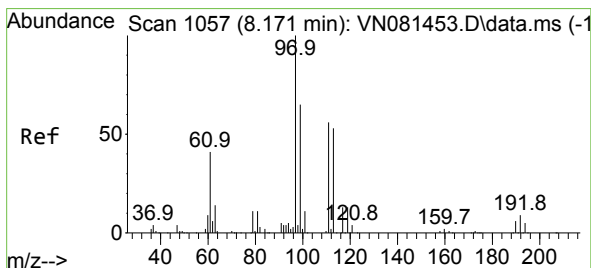
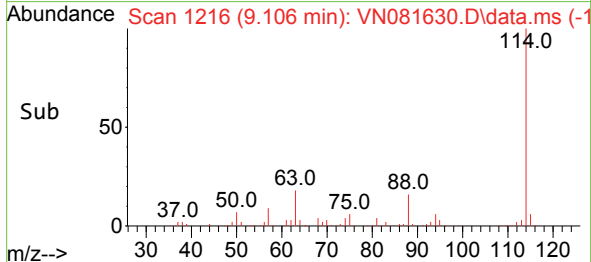
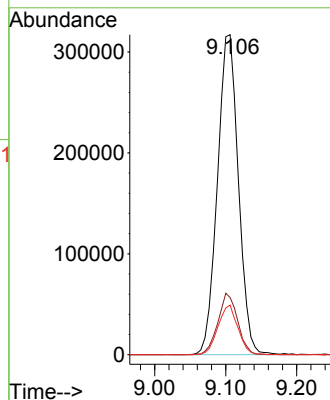
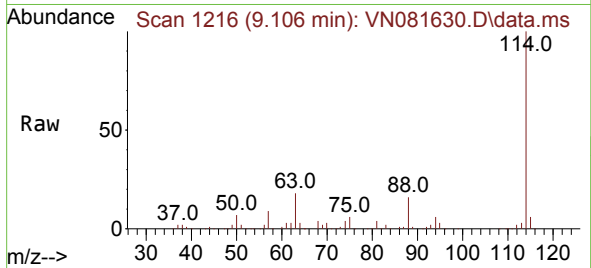




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

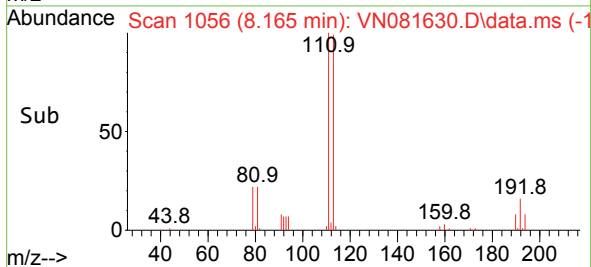
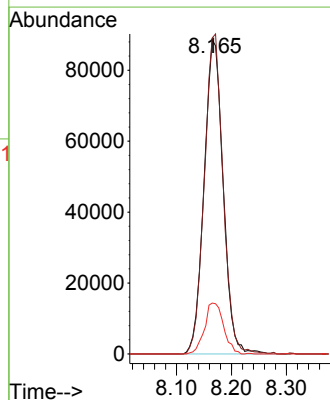
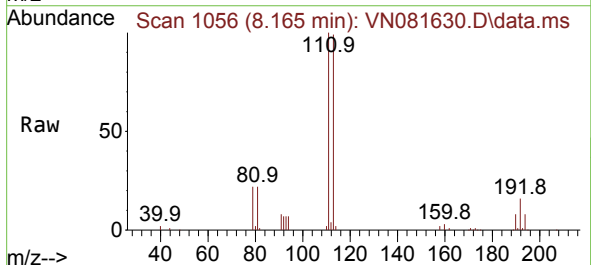
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

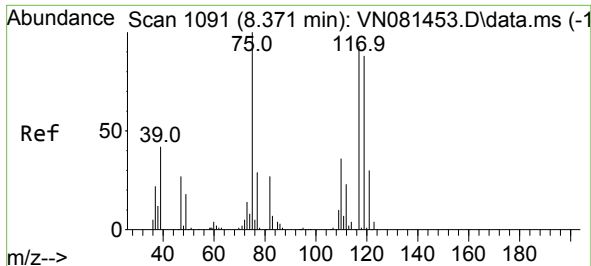
Tgt Ion:114 Resp: 649329
Ion Ratio Lower Upper
114 100
63 17.9 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion:113 Resp: 213691
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 16.2 12.5 18.7

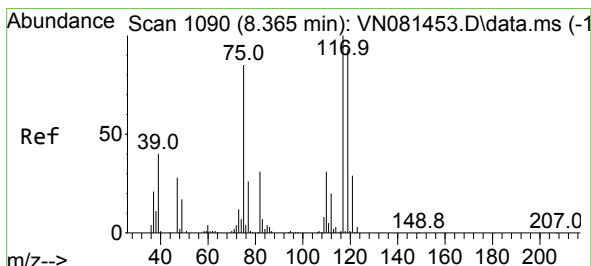
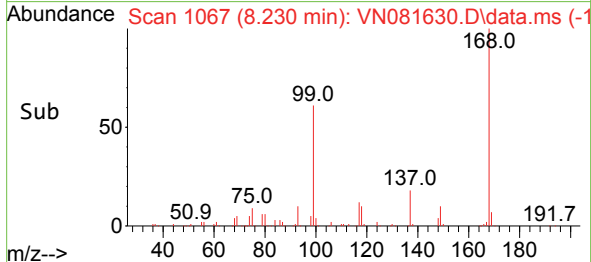
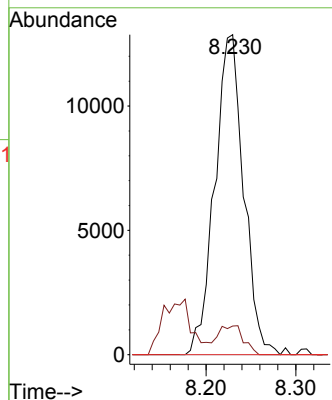
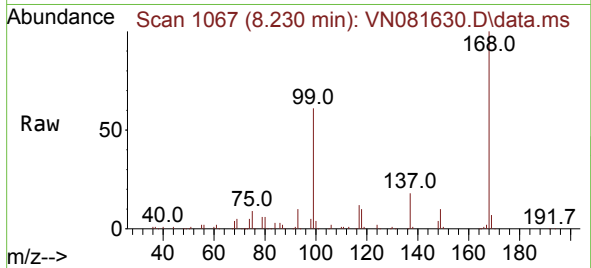




#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

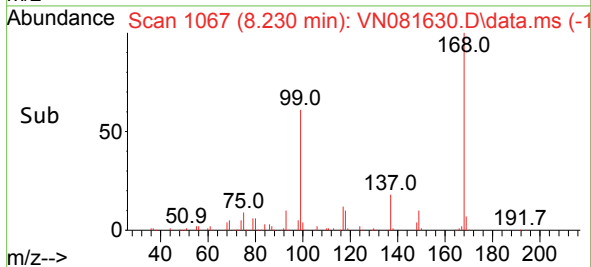
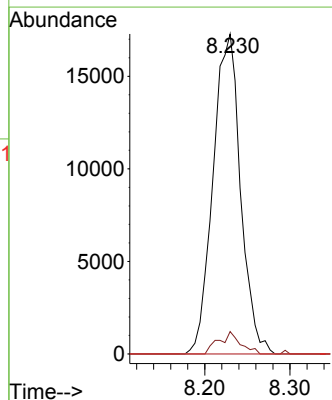
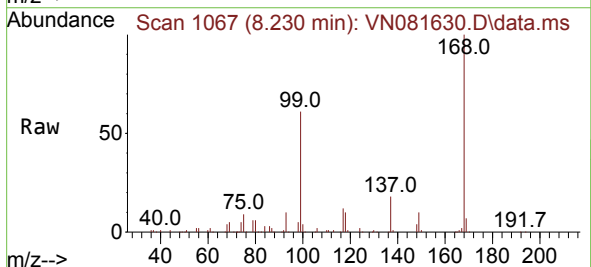
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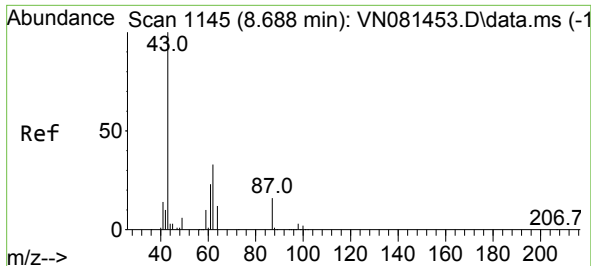
Tgt Ion: 75 Resp: 28746
Ion Ratio Lower Upper
75 100
110 7.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.139 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 117 Resp: 38826
Ion Ratio Lower Upper
117 100
119 7.0 73.4 110.2#
121 0.0 24.4 36.6#

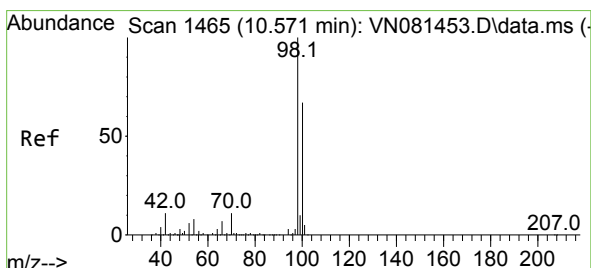
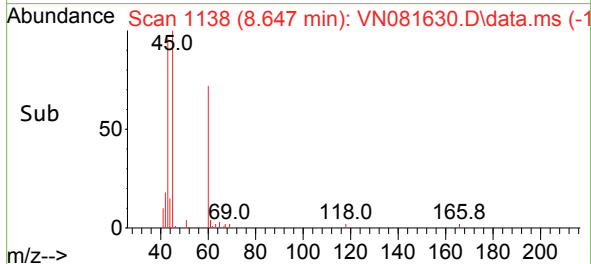
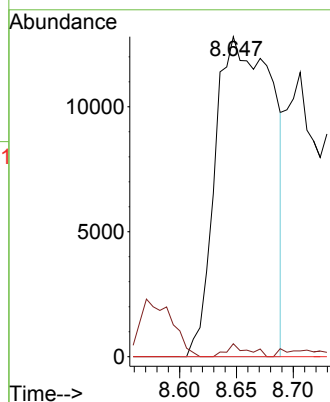
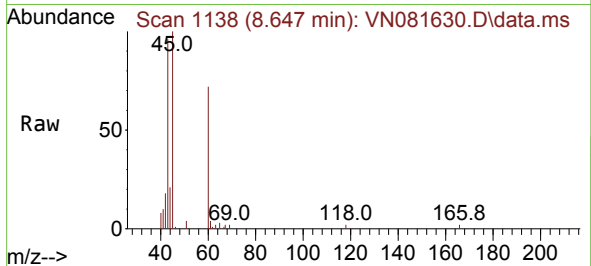




#43
Isopropyl Acetate
Concen: 4.582 ug/l
RT: 8.647 min Scan# 1145
Delta R.T. -0.041 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

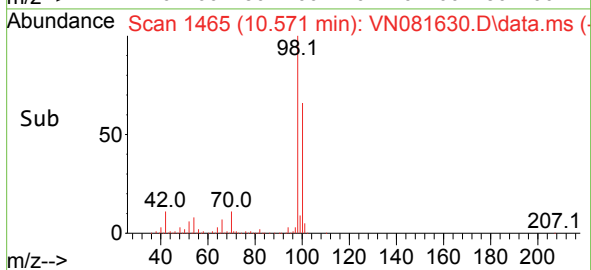
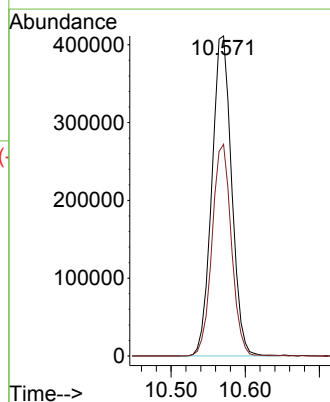
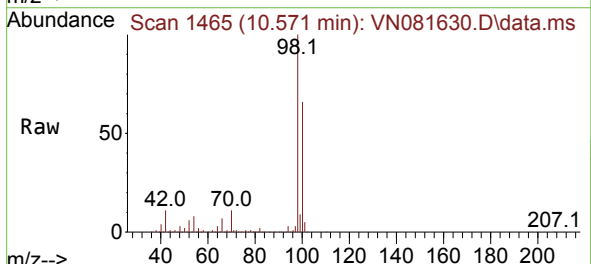
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

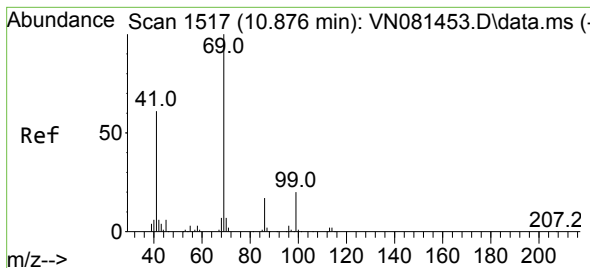
Tgt Ion: 43 Resp: 44855
Ion Ratio Lower Upper
43 100
61 1.5 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.473 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 98 Resp: 762490
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

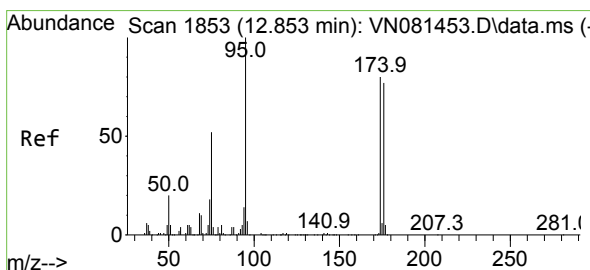
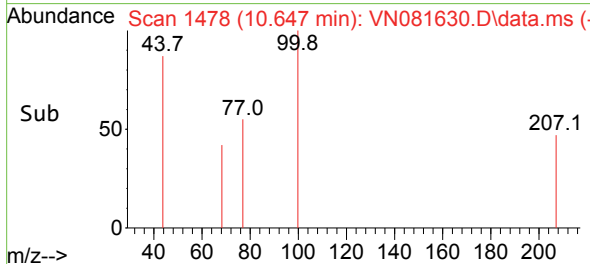
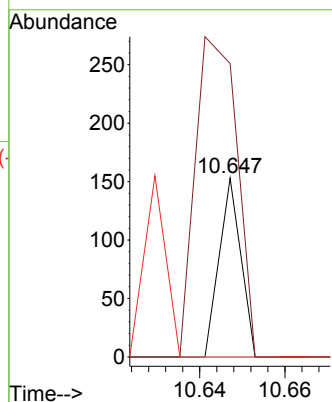
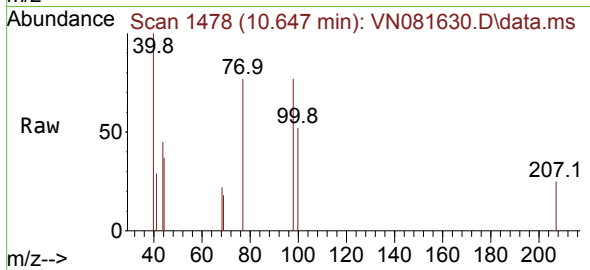




#56
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 10.647 min Scan# 1478
Delta R.T. -0.229 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

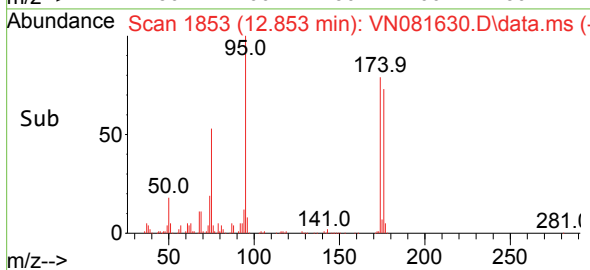
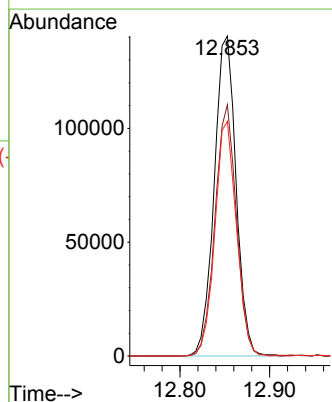
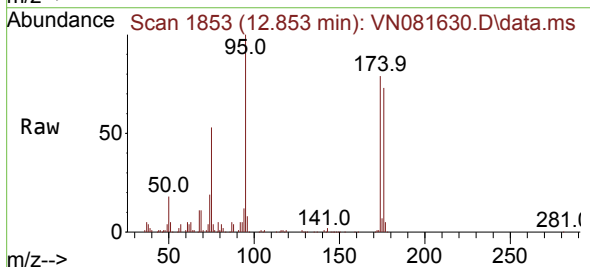
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

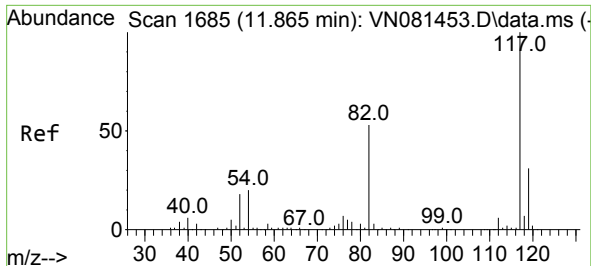
Tgt Ion: 69	Resp: 54
Ion Ratio	Lower Upper
69	100
41	342.6 61.0 91.6#
39	101.9 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 45.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 95	Resp: 237434
Ion Ratio	Lower Upper
95	100
174	77.2 0.0 120.4
176	72.3 0.0 121.0

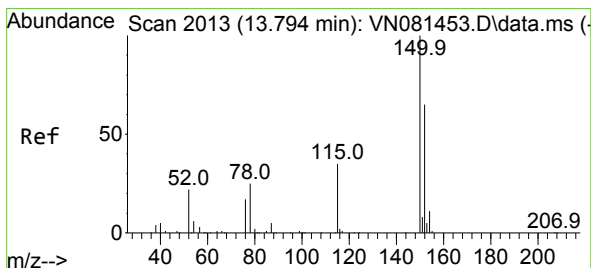
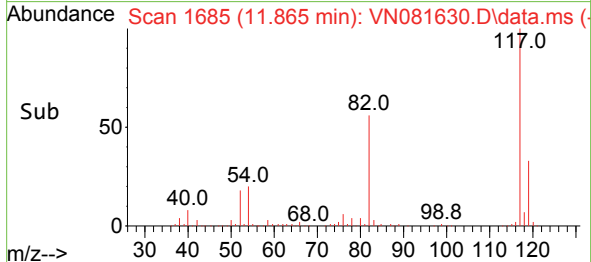
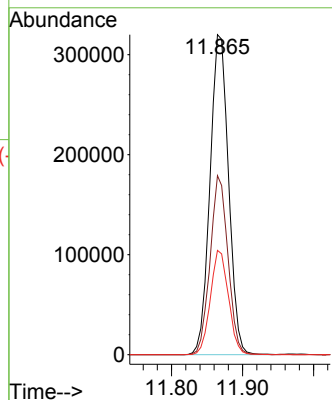
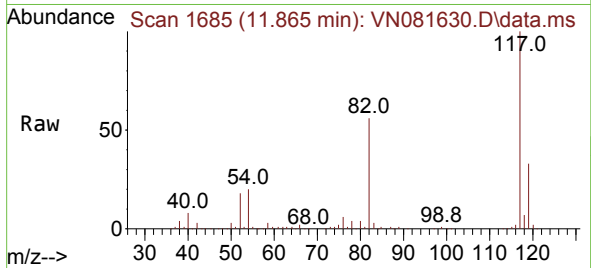




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

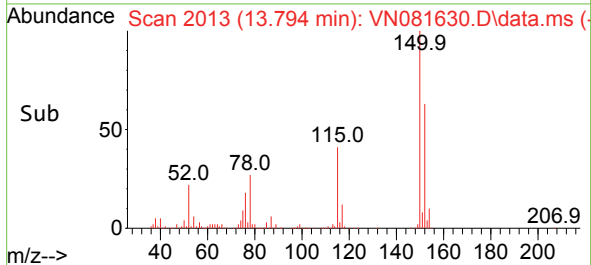
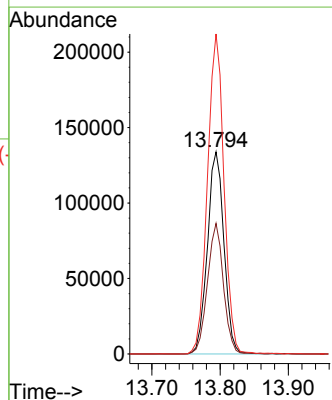
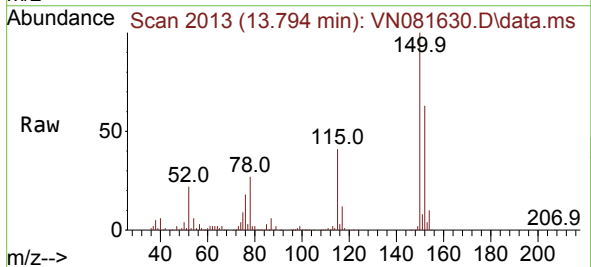
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

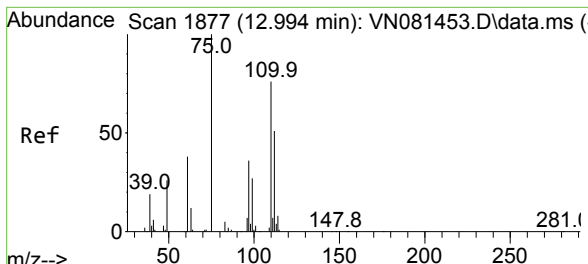
Tgt Ion:117 Resp: 579634
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion:152 Resp: 226130
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 158.0 0.0 339.8

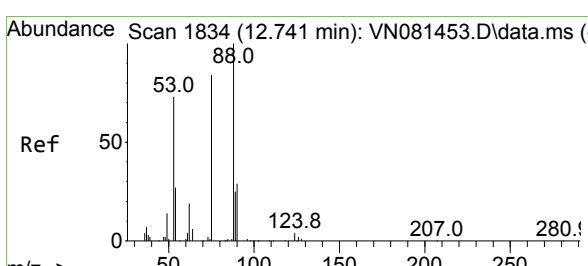
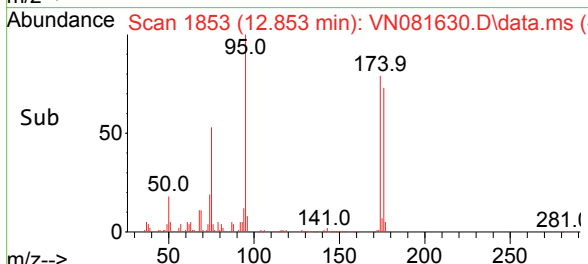
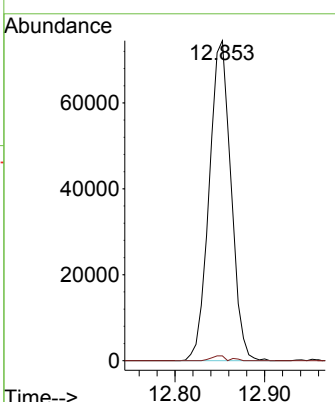
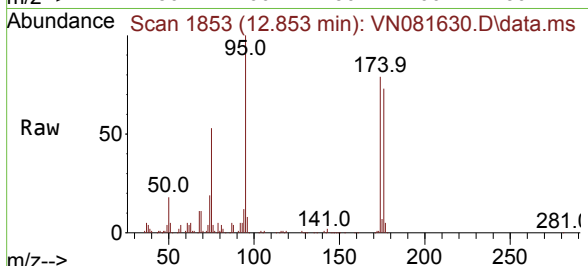




#76
 1,2,3-Trichloropropane
 Concen: 23.215 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081630.D
 Acq: 29 Mar 2024 21:04

Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 125574
 Ion Ratio Lower Upper
 75 100
 77 1.1 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.735 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081630.D
 Acq: 29 Mar 2024 21:04

Tgt Ion: 75 Resp: 125574
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

