

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083070.D
 Acq On : 30 Jul 2024 16:13
 Operator : JC\MD
 Sample : P3352-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Quant Time: Jul 31 06:03:20 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)

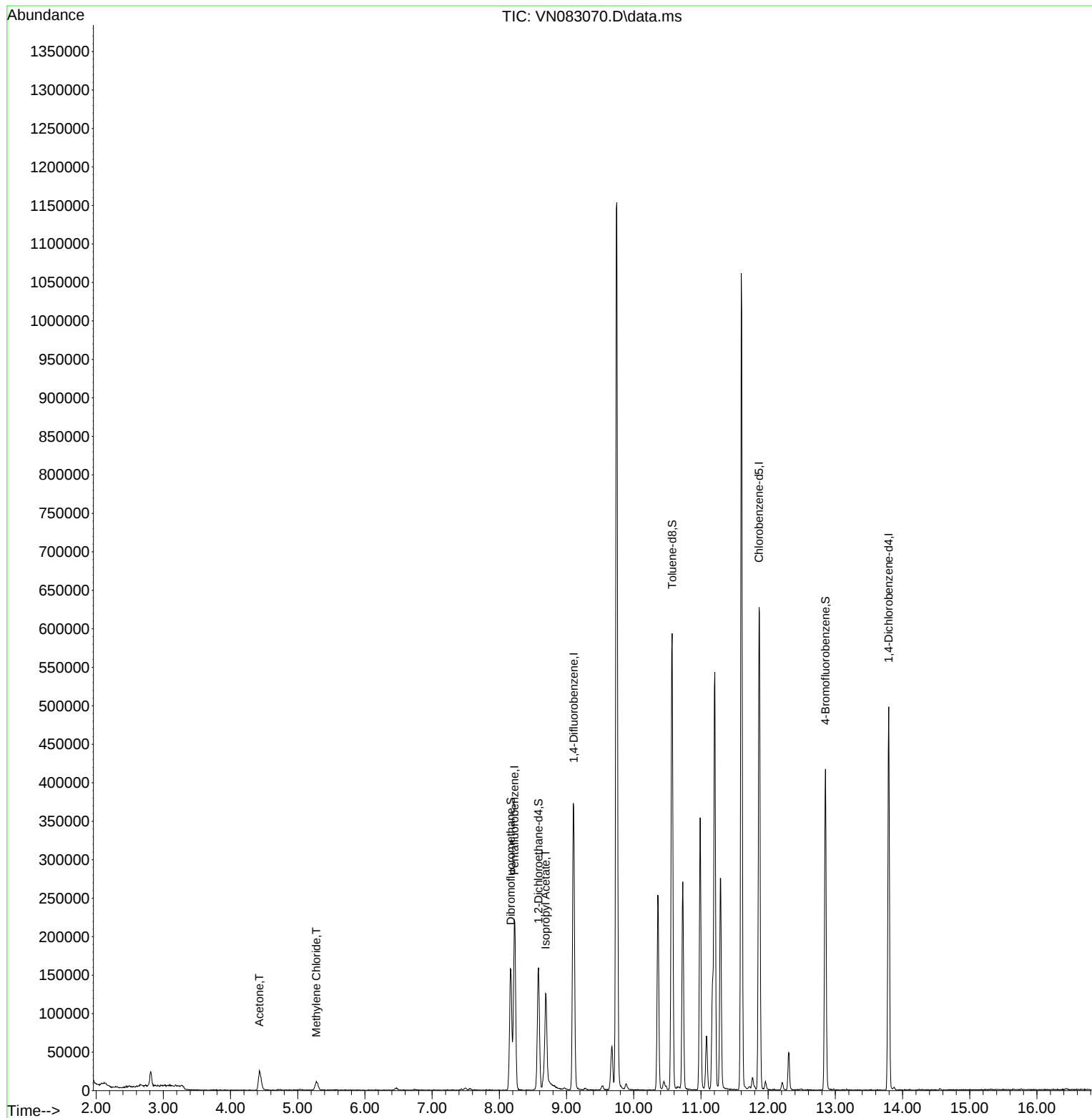
Internal Standards						
1) Pentafluorobenzene	8.224	168	153147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129294	60.226	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.460%	
35) Dibromofluoromethane	8.171	113	110262	54.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.820%	
50) Toluene-d8	10.571	98	404373	54.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.853	95	127176	47.733	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	46925	62.084	ug/l	95
20) Methylene Chloride	5.277	84	8637	4.732	ug/l #	85
43) Isopropyl Acetate	8.688	43	161431	29.133	ug/l #	87

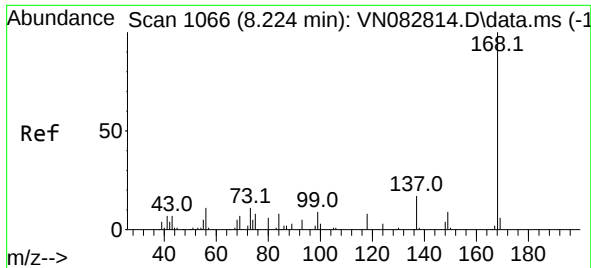
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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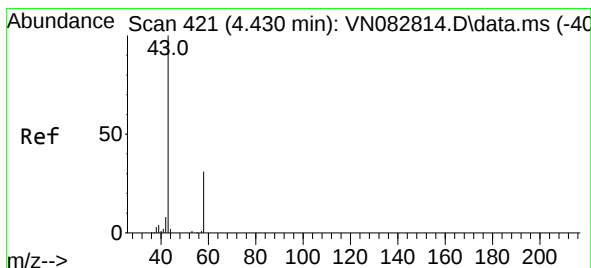
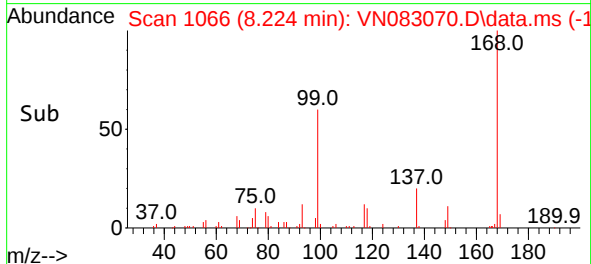
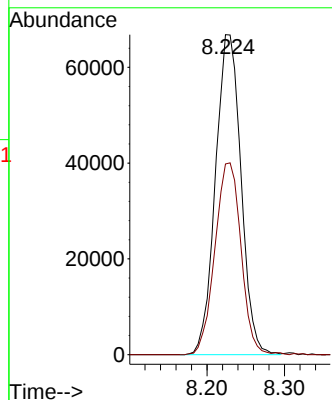
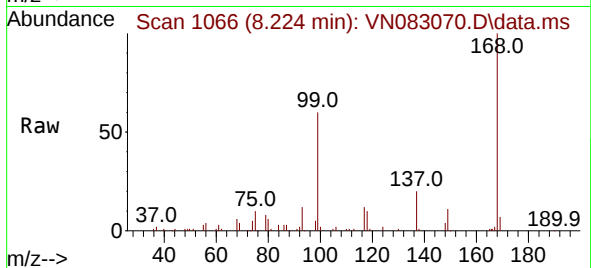




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

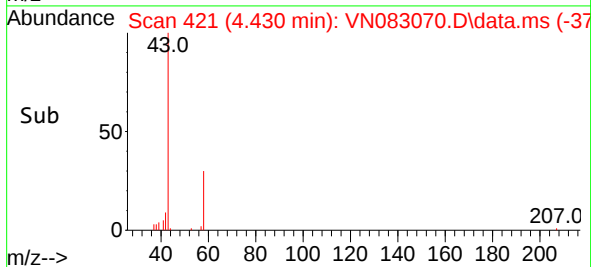
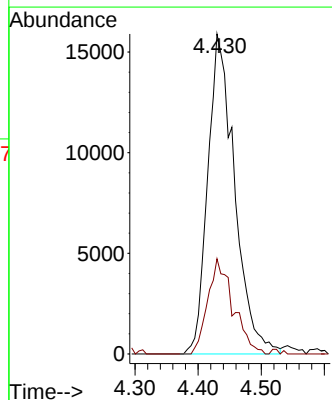
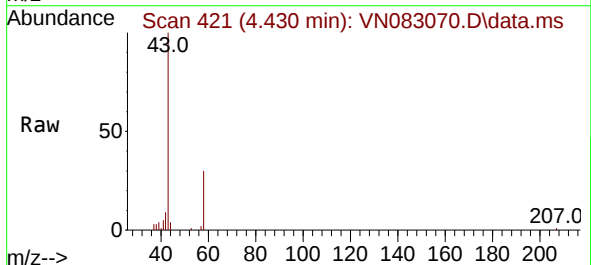
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

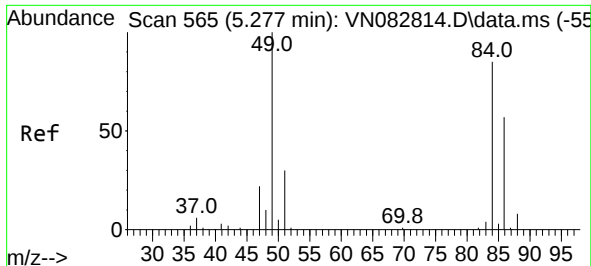
Tgt Ion:168 Resp: 153147
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#16
Acetone
Concen: 62.084 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

Tgt Ion: 43 Resp: 46925
Ion Ratio Lower Upper
43 100
58 29.7 21.8 32.6

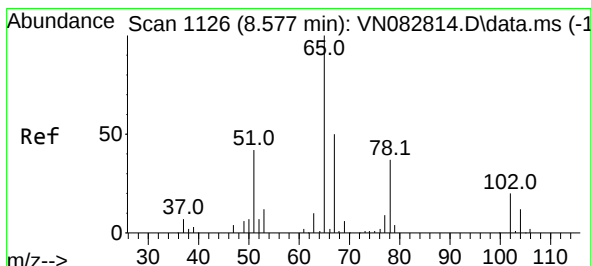
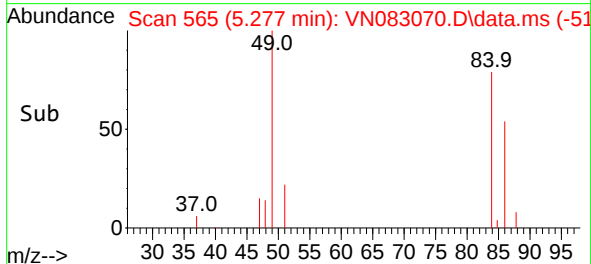
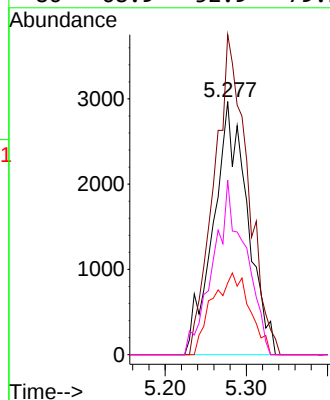
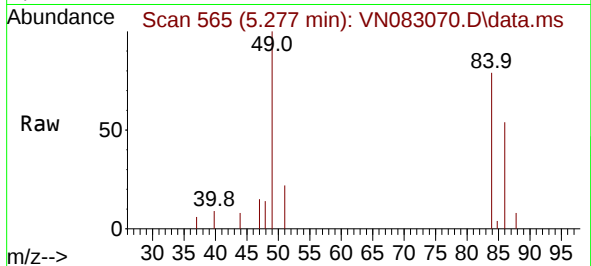




#20
Methylene Chloride
Concen: 4.732 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

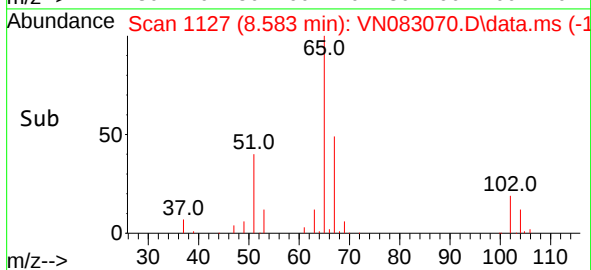
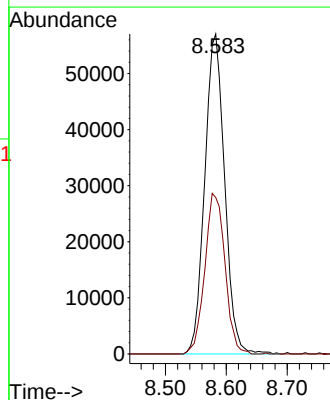
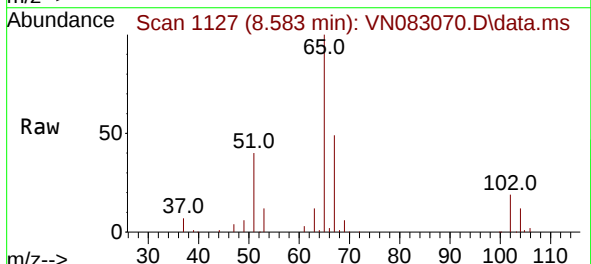
Instrument :
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ClientSampleId :
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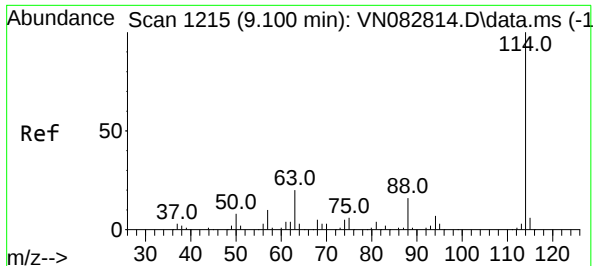
Tgt Ion:	84	Resp:	8637
Ion	Ratio	Lower	Upper
84	100		
49	126.4	119.6	179.4
51	28.3	34.8	52.2#
86	68.9	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 60.226 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

Tgt Ion:	65	Resp:	129294
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4

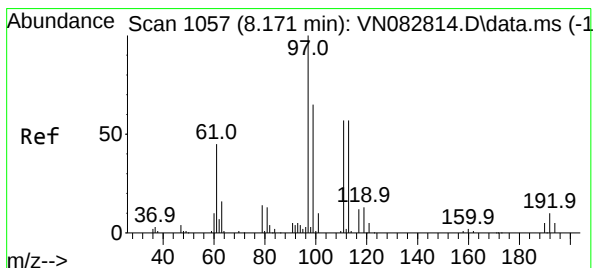
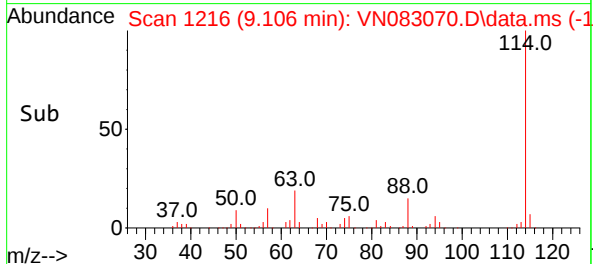
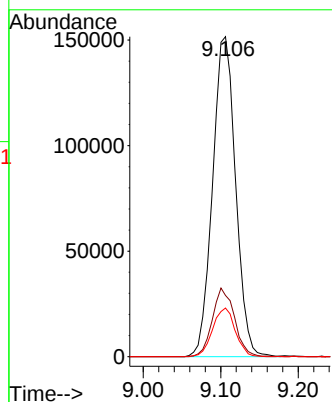
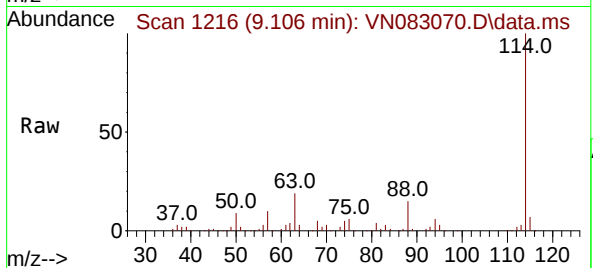




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

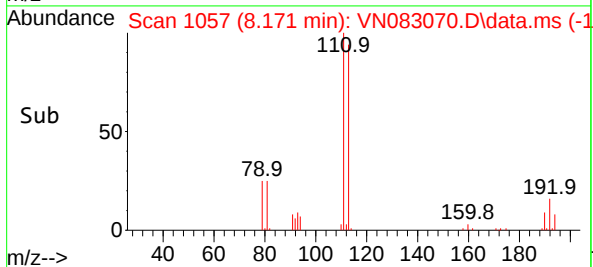
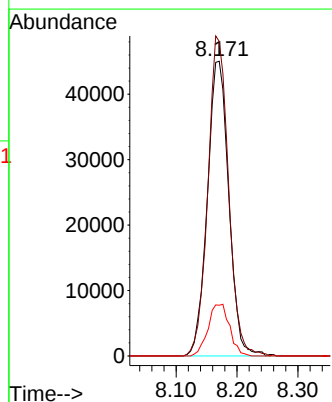
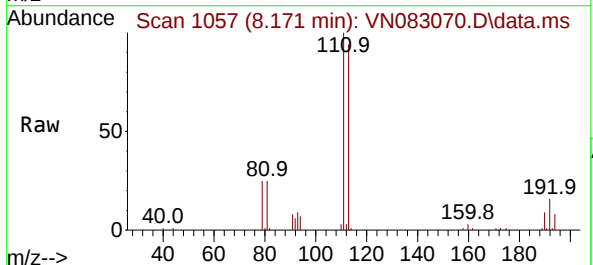
Instrument :
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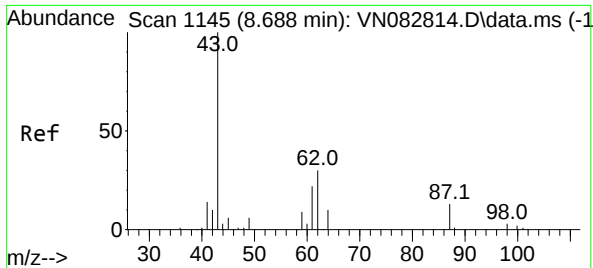
Tgt Ion:114 Resp: 312961
Ion Ratio Lower Upper
114 100
63 19.1 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.906 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

Tgt Ion:113 Resp: 110262
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 17.6 14.9 22.3

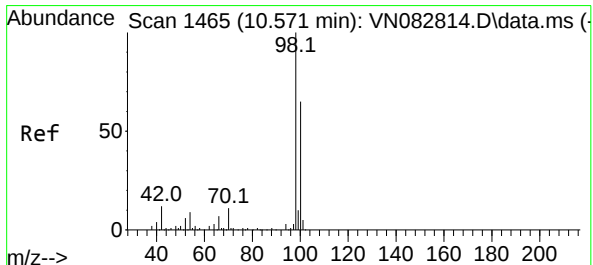
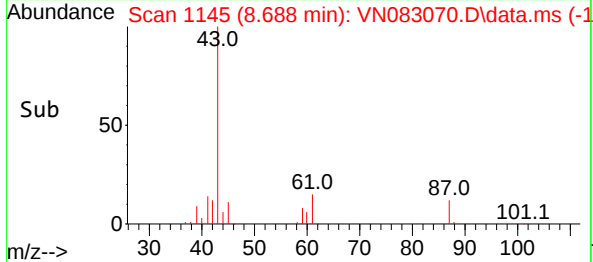
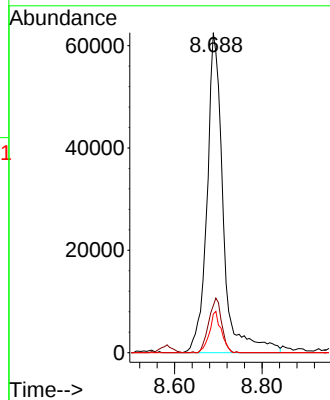
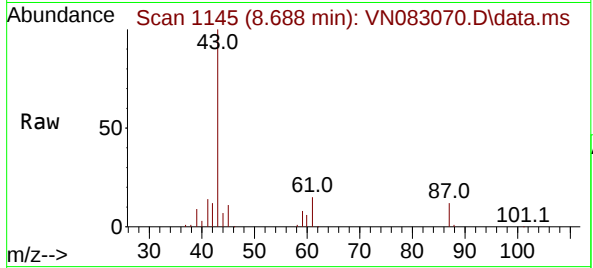




#43
Isopropyl Acetate
Concen: 29.133 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

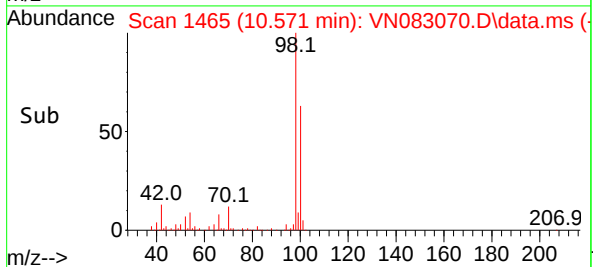
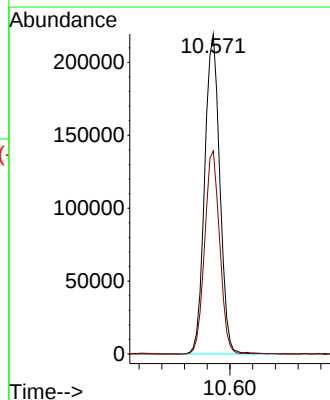
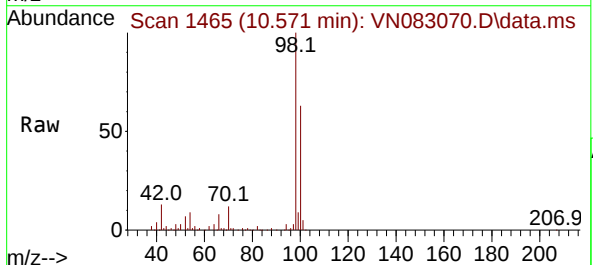
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

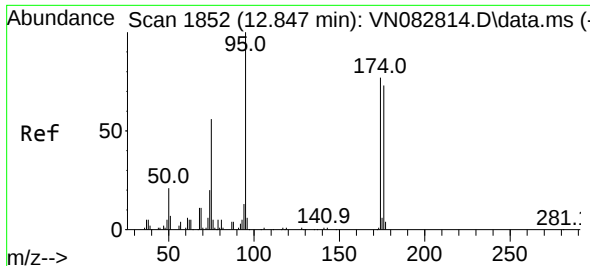
Tgt Ion: 43 Resp: 161431
Ion Ratio Lower Upper
43 100
61 13.6 17.8 26.6#
87 9.4 8.2 12.2



#50
Toluene-d8
Concen: 54.518 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

Tgt Ion: 98 Resp: 404373
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3

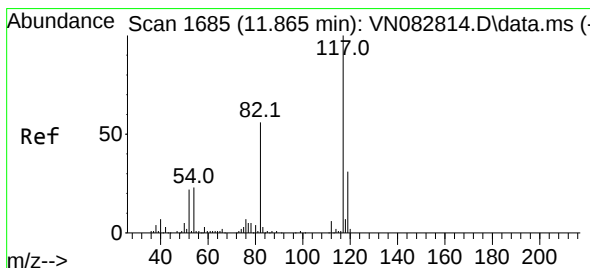
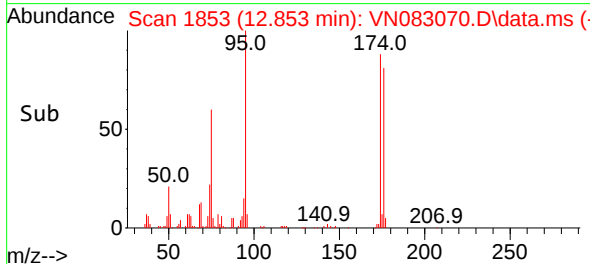
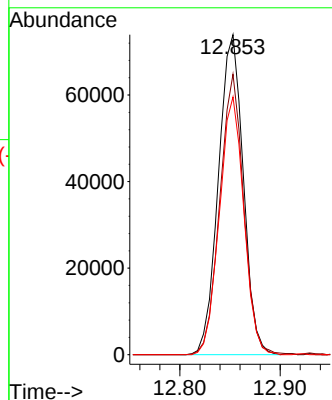
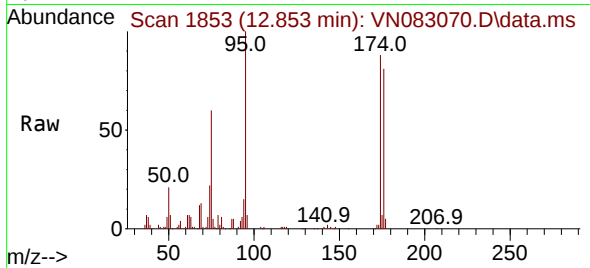




#62
4-Bromofluorobenzene
Concen: 47.733 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

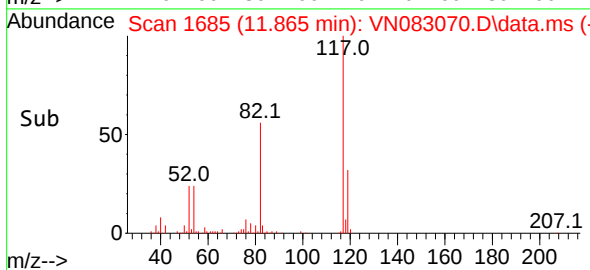
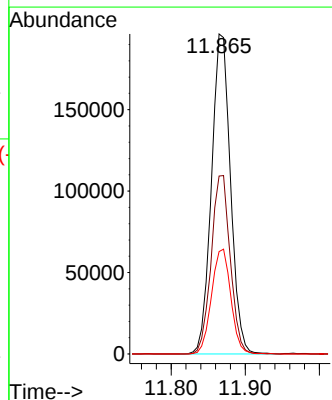
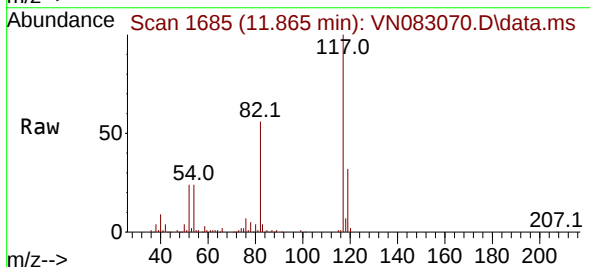
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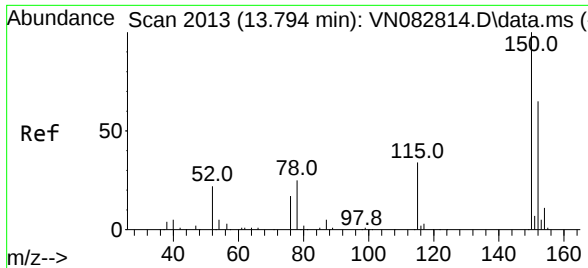
Tgt Ion: 95 Resp: 127176
Ion Ratio Lower Upper
95 100
174 84.4 0.0 159.2
176 79.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083070.D
Acq: 30 Jul 2024 16:13

Tgt Ion: 117 Resp: 350419
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083070.D
 Acq: 30 Jul 2024 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Tgt Ion:152	Resp:	125188
Ion	Ratio	Lower Upper
152	100	
115	60.8	30.6 91.6
150	160.2	0.0 348.6

