

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083059.D
 Acq On : 26 Jul 2024 18:13
 Operator : JC\MD
 Sample : P3352-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Quant Time: Jul 26 23:11:24 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)

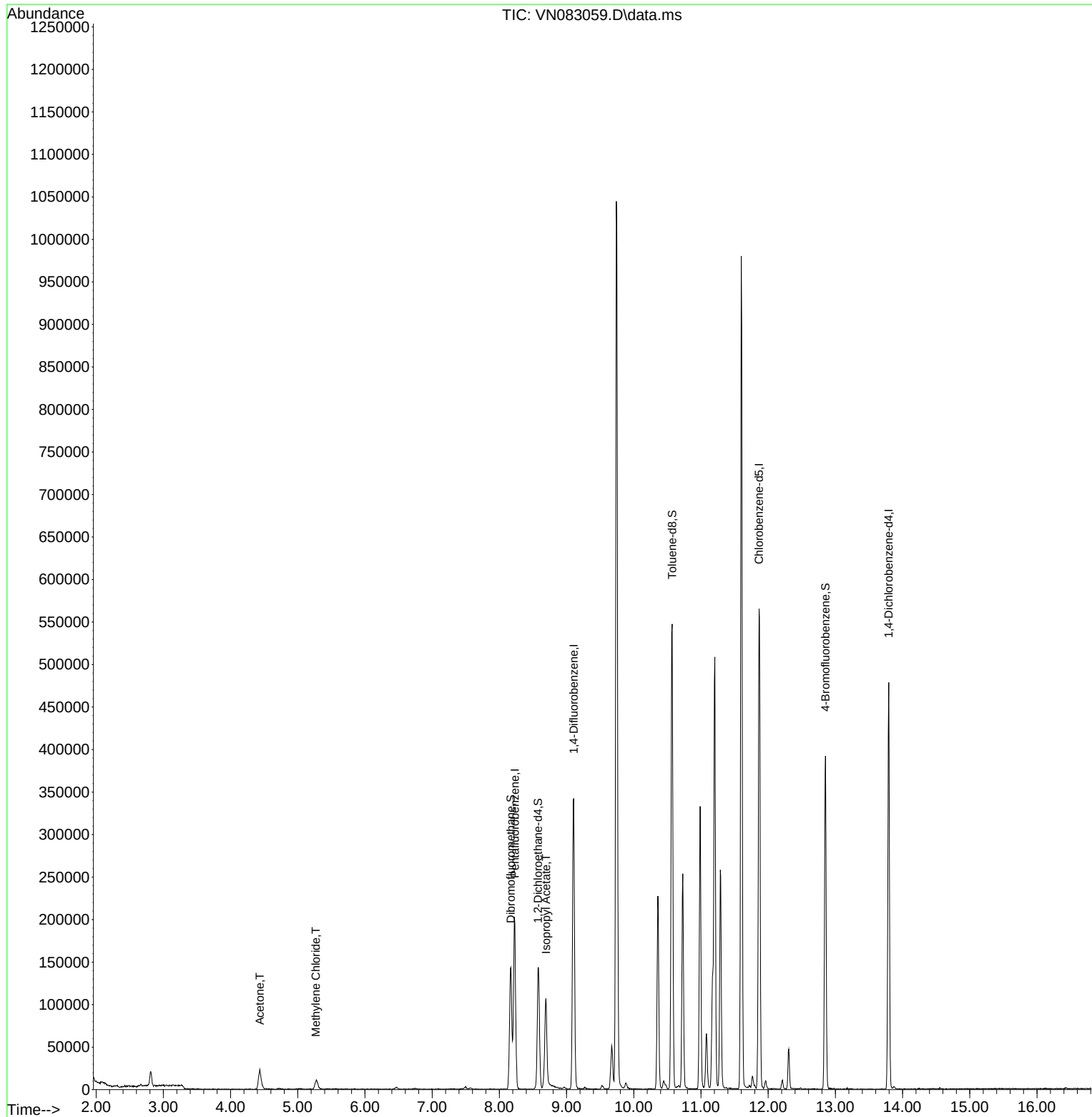
Internal Standards						
1) Pentafluorobenzene	8.229	168	136148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121059	63.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.860%#	
35) Dibromofluoromethane	8.171	113	99702	54.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.360%	
50) Toluene-d8	10.571	98	371108	55.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	12.853	95	119290	49.307	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.620%	
Target Compounds						Qvalue
16) Acetone	4.436	43	40956	60.952	ug/l	98
20) Methylene Chloride	5.271	84	8299	5.114	ug/l #	63
43) Isopropyl Acetate	8.694	43	123588	24.068	ug/l #	89

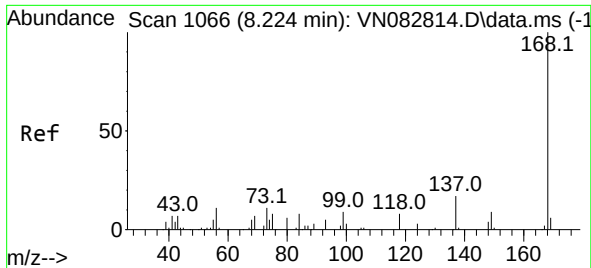
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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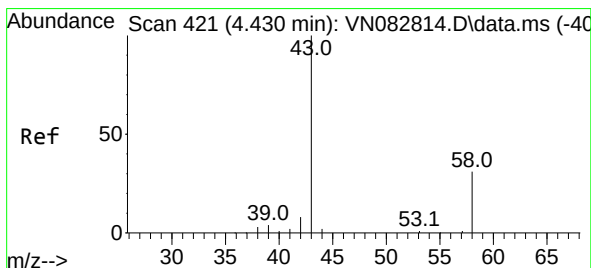
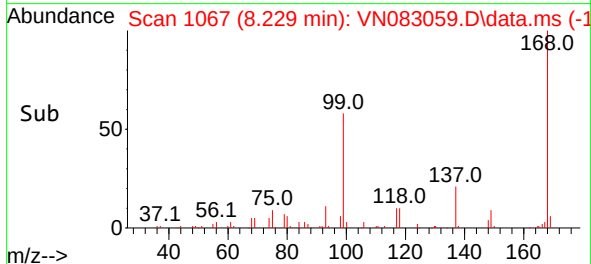
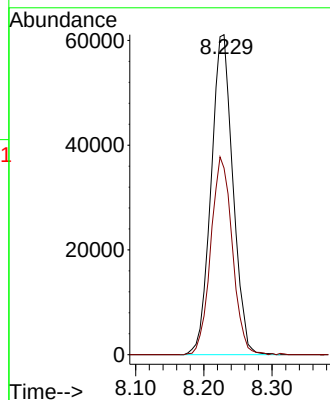
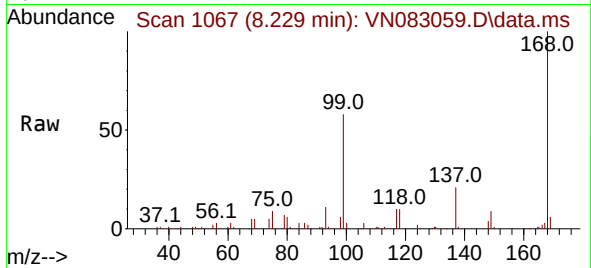




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

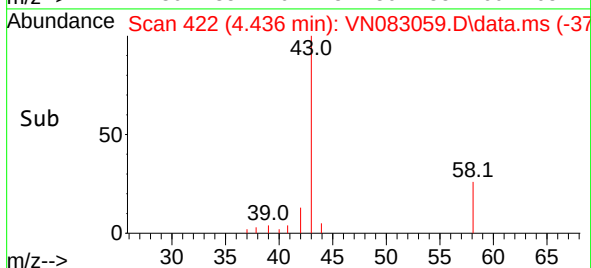
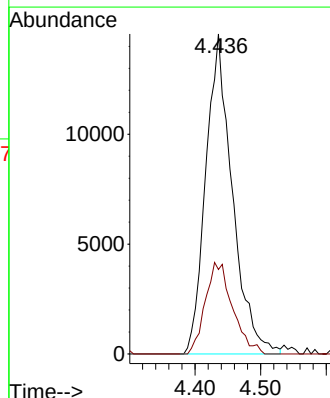
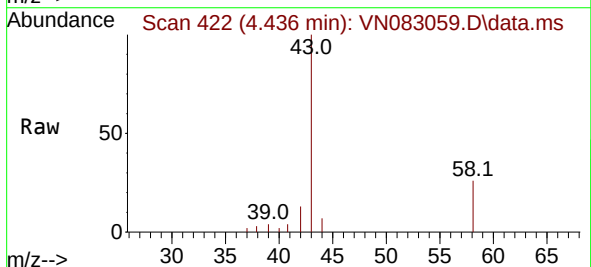
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

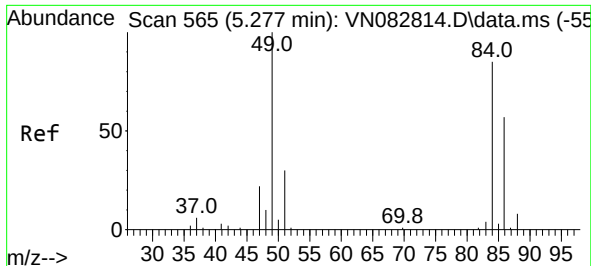
Tgt Ion:168 Resp: 136148
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#16
Acetone
Concen: 60.952 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

Tgt Ion: 43 Resp: 40956
Ion Ratio Lower Upper
43 100
58 26.4 21.8 32.6

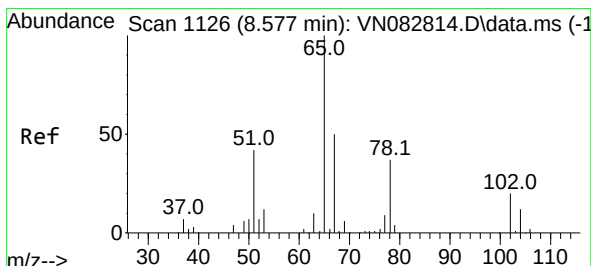
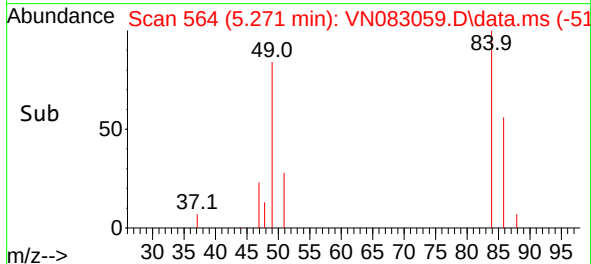
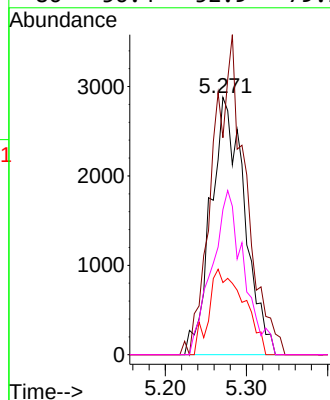
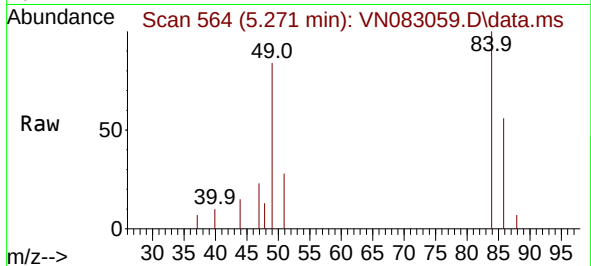




#20
Methylene Chloride
Concen: 5.114 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

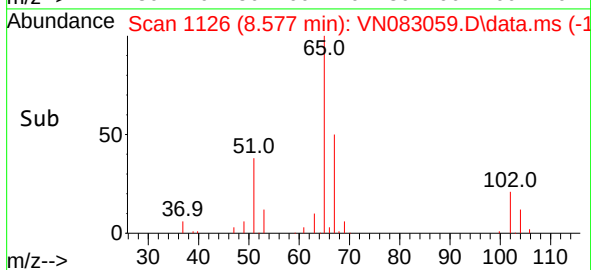
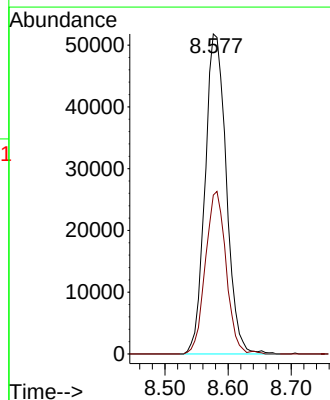
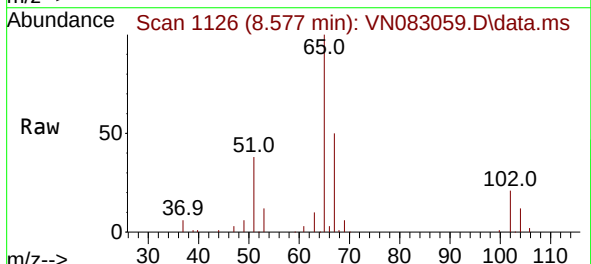
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP

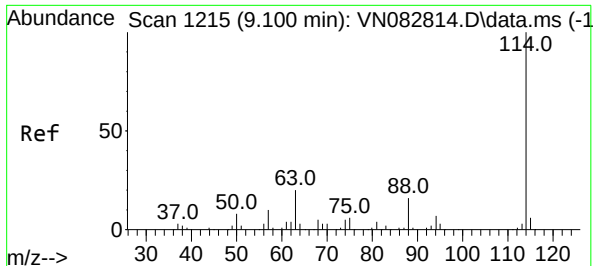
Tgt Ion: 84	Resp: 8299
Ion Ratio	Lower Upper
84 100	
49 84.4	119.6 179.4#
51 28.0	34.8 52.2#
86 56.4	52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 63.431 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

Tgt Ion: 65	Resp: 121059
Ion Ratio	Lower Upper
65 100	
67 49.6	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: VN083059.D

Acq: 26 Jul 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

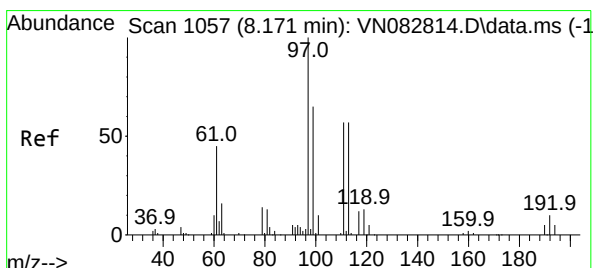
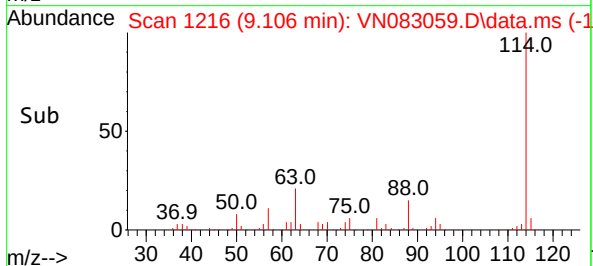
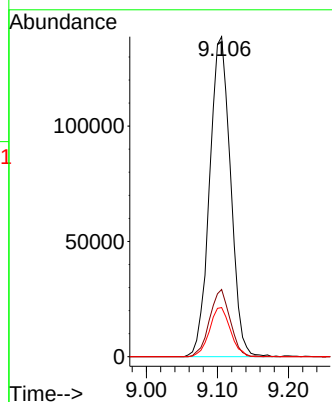
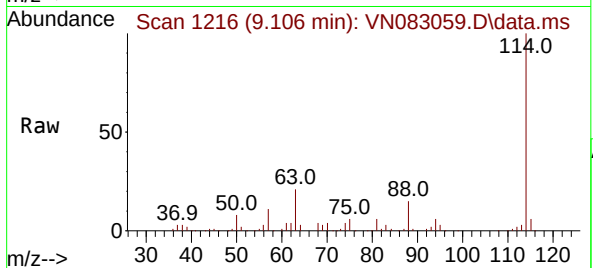
Tgt Ion:114 Resp: 284183

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.675 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083059.D

Acq: 26 Jul 2024 18:13

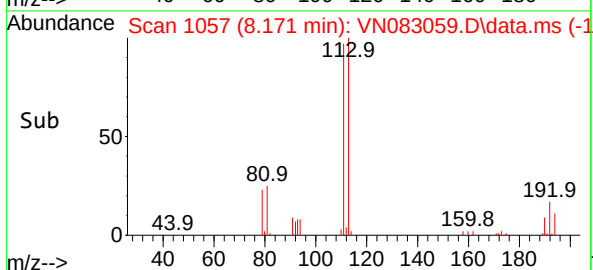
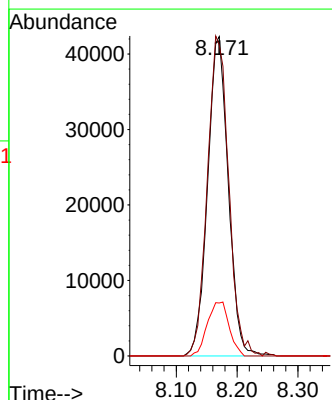
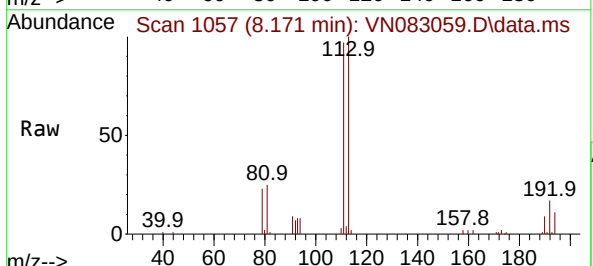
Tgt Ion:113 Resp: 99702

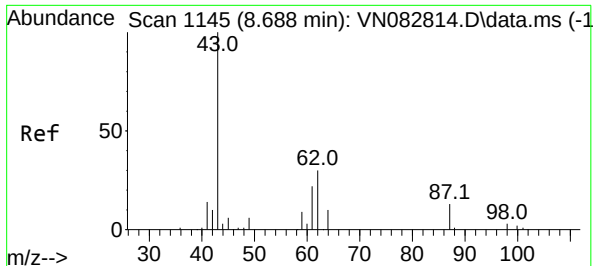
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.8 14.9 22.3





#43

Isopropyl Acetate

Concen: 24.068 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN083059.D

Acq: 26 Jul 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP

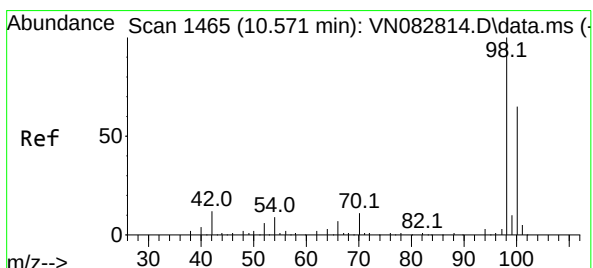
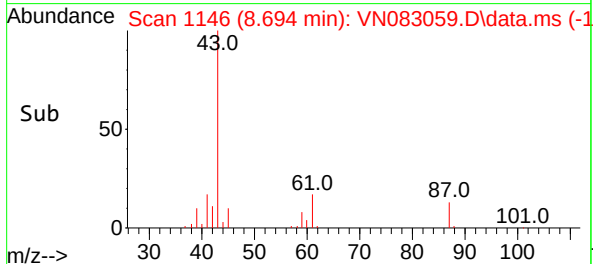
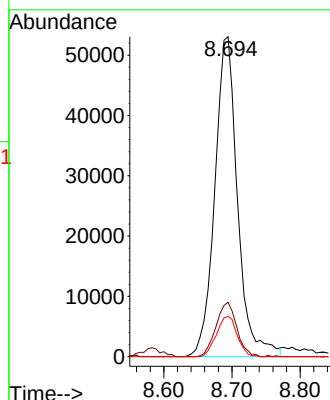
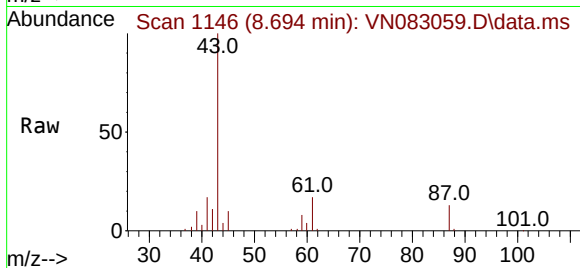
Tgt Ion: 43 Resp: 123588

Ion Ratio Lower Upper

43 100

61 15.5 17.8 26.6#

87 11.4 8.2 12.2



#50

Toluene-d8

Concen: 55.100 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083059.D

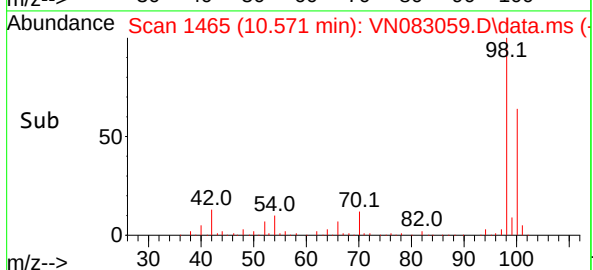
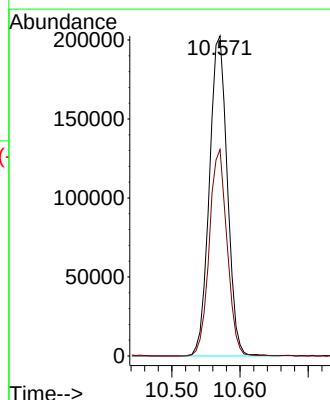
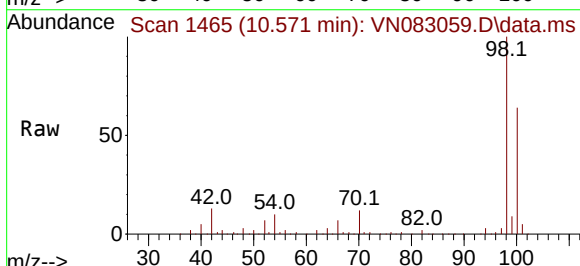
Acq: 26 Jul 2024 18:13

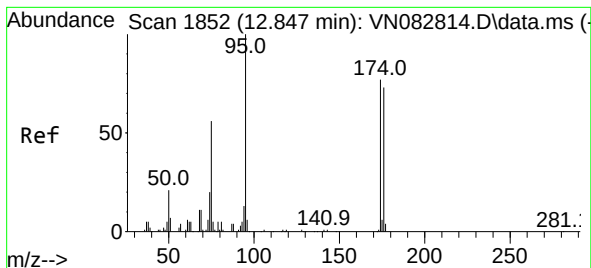
Tgt Ion: 98 Resp: 371108

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3

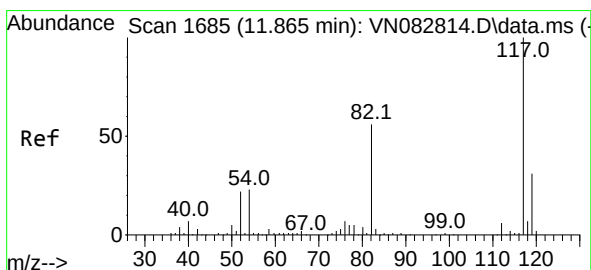
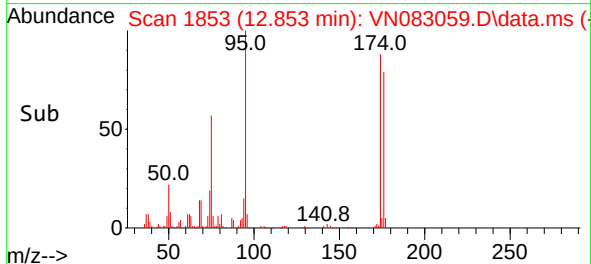
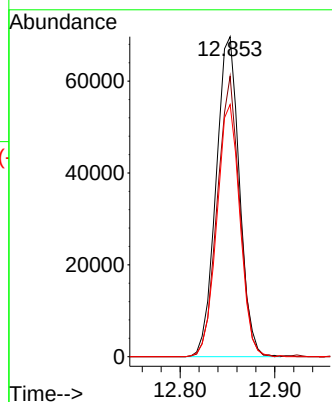
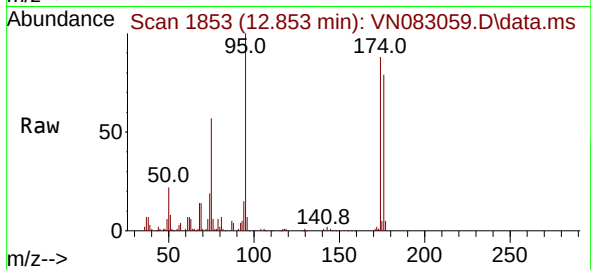




#62
4-Bromofluorobenzene
Concen: 49.307 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

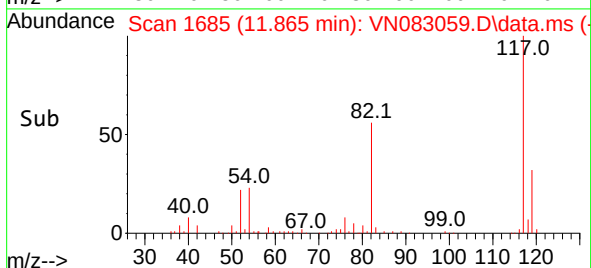
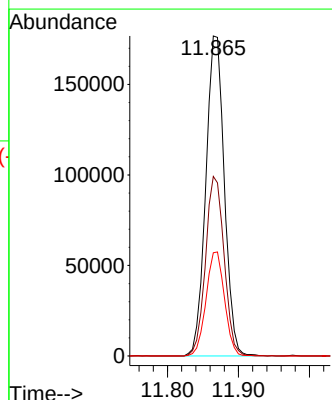
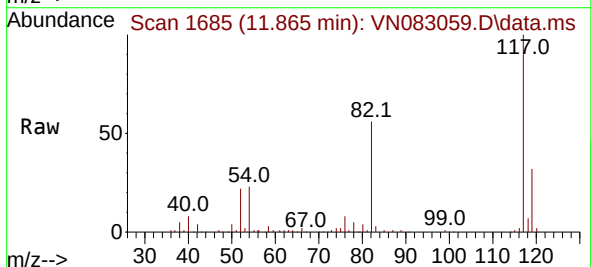
Instrument :
MSVOA_N
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SOIL-COMP

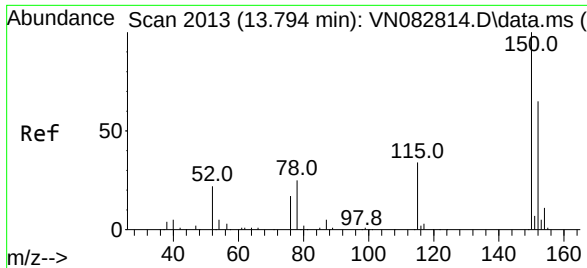
Tgt Ion: 95 Resp: 119290
Ion Ratio Lower Upper
95 100
174 83.7 0.0 159.2
176 78.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083059.D
Acq: 26 Jul 2024 18:13

Tgt Ion: 117 Resp: 320821
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 32.3 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: VN083059.D
 Acq: 26 Jul 2024 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP

Tgt Ion:152 Resp: 119897
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.6 91.6
 150 157.3 0.0 348.6

