

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078167.D
 Acq On : 12 Jun 2023 15:30
 Operator : JC\MD
 Sample : 03114-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MARION-SOIL-0609

Quant Time: Jun 13 01:33:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

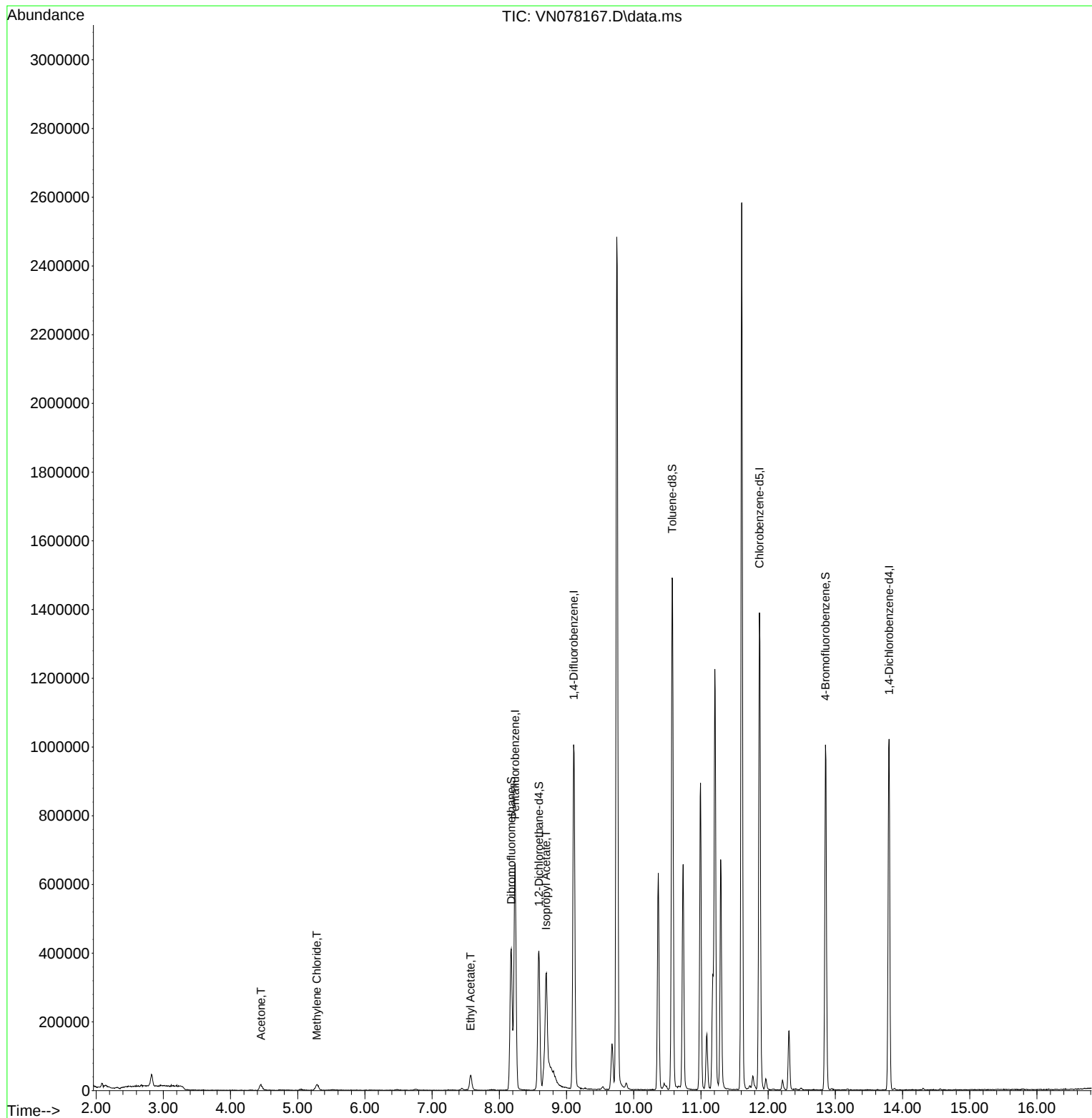
Internal Standards						
1) Pentafluorobenzene	8.236	168	474768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	907413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	833028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	289166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	340018	53.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.420%		
35) Dibromofluoromethane	8.177	113	301263	52.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.020%		
50) Toluene-d8	10.571	98	1082571	48.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 97.880%		
62) 4-Bromofluorobenzene	12.853	95	355055	51.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 103.280%		
Target Compounds						Qvalue
16) Acetone	4.453	43	32292	17.723	ug/l #	84
20) Methylene Chloride	5.283	84	13415	2.228	ug/l #	91
37) Ethyl Acetate	7.571	43	64435	10.022	ug/l	97
43) Isopropyl Acetate	8.694	43	490822	39.920	ug/l #	71

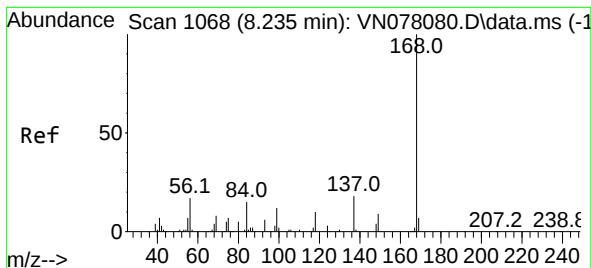
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
Data File : VN078167.D
Acq On : 12 Jun 2023 15:30
Operator : JC\MD
Sample : 03114-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MARION-SOIL-0609

Quant Time: Jun 13 01:33:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

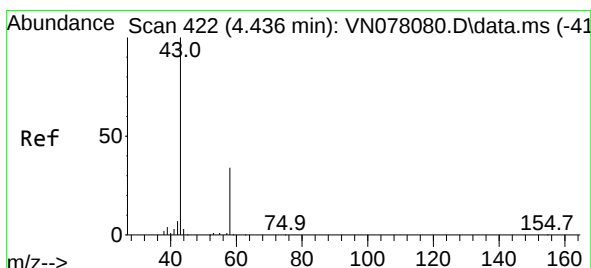
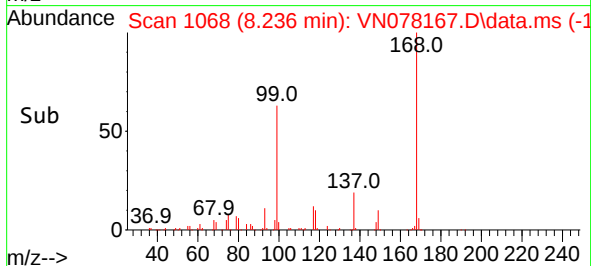
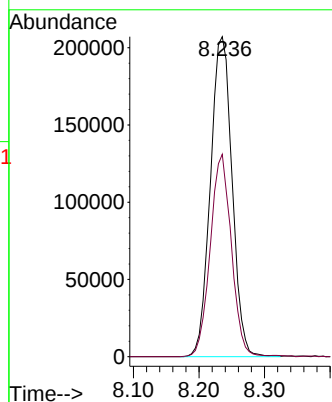
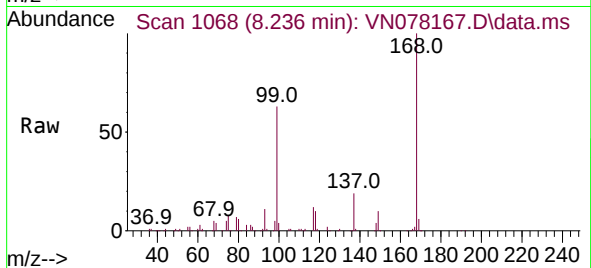




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

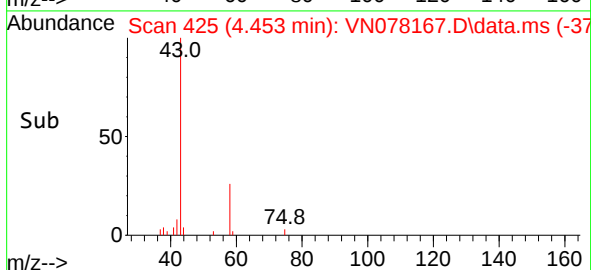
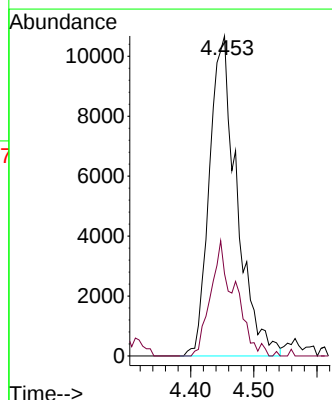
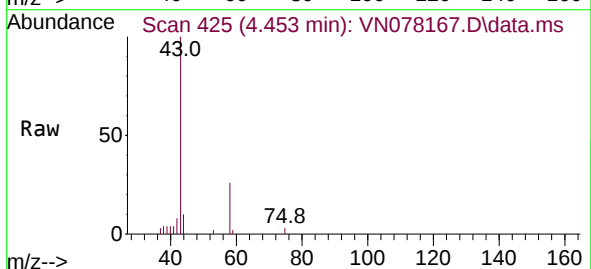
Instrument :
MSVOA_N
ClientSampleId :
MARION-SOIL-0609

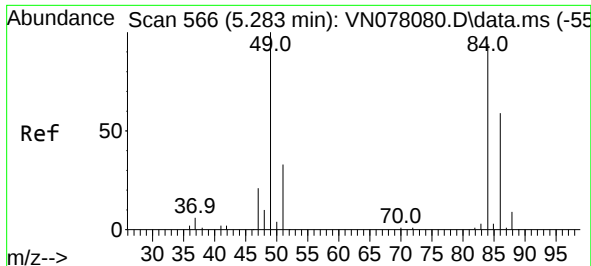
Tgt Ion:168 Resp: 474768
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#16
Acetone
Concen: 17.723 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

Tgt Ion: 43 Resp: 32292
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#

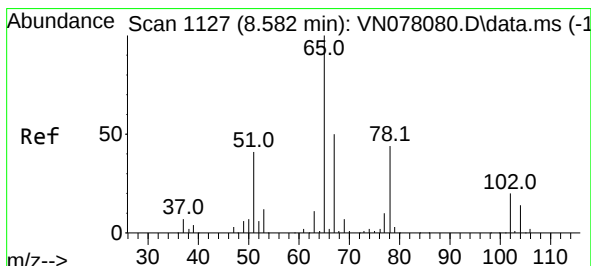
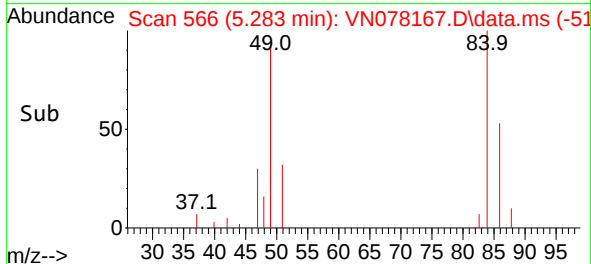
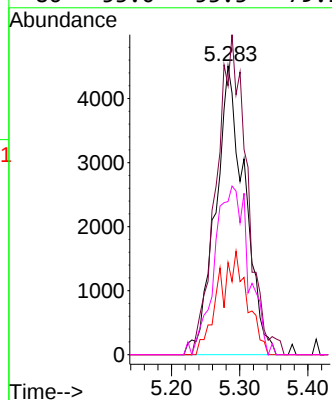
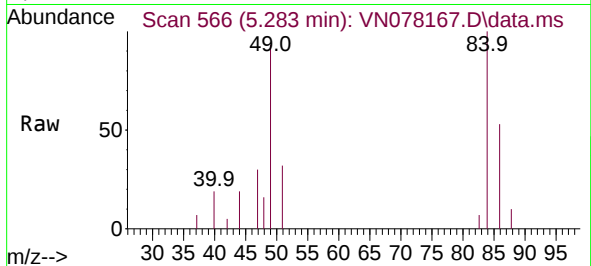




#20
Methylene Chloride
Concen: 2.228 ug/l
RT: 5.283 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

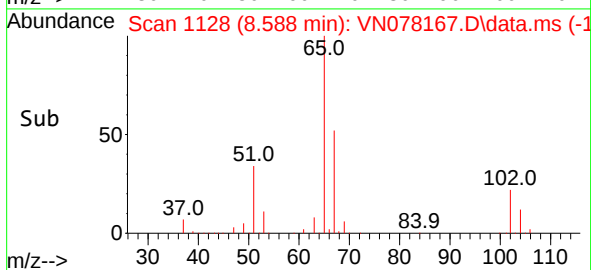
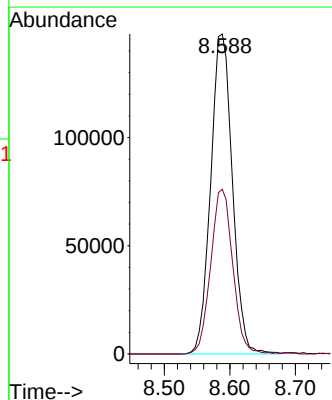
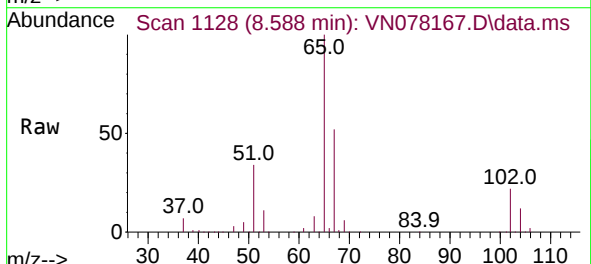
Instrument :
MSVOA_N
ClientSampleId :
MARION-SOIL-0609

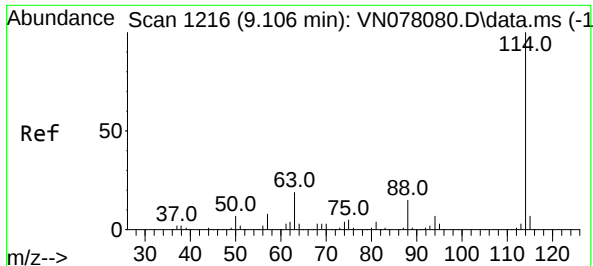
Tgt Ion:	84	Resp:	13415
Ion	Ratio	Lower	Upper
84	100		
49	93.1	79.7	119.5
51	31.9	25.2	37.8
86	53.0	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.714 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

Tgt Ion:	65	Resp:	340018
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078167.D

Acq: 12 Jun 2023 15:30

Instrument :

MSVOA_N

ClientSampleId :

MARION-SOIL-0609

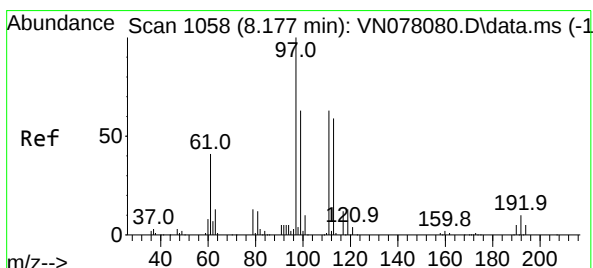
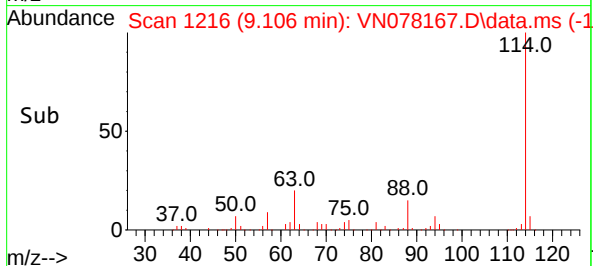
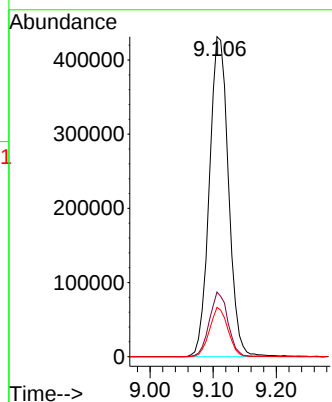
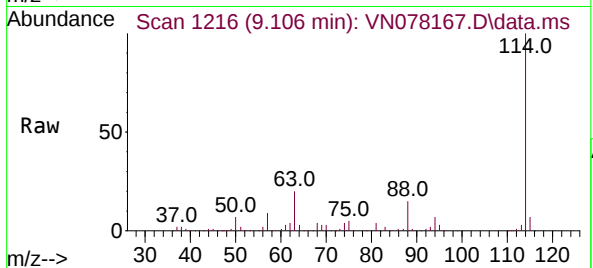
Tgt Ion:114 Resp: 907413

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.508 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078167.D

Acq: 12 Jun 2023 15:30

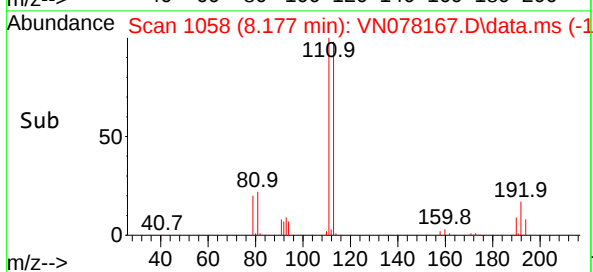
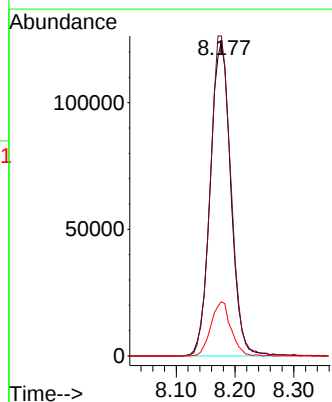
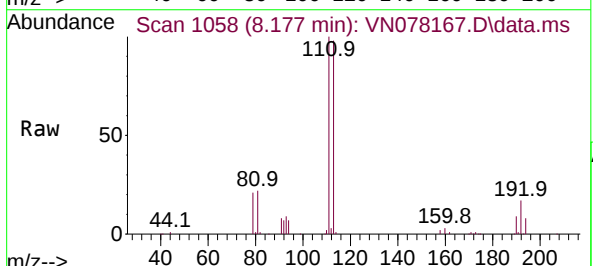
Tgt Ion:113 Resp: 301263

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 10.022 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078167.D

Acq: 12 Jun 2023 15:30

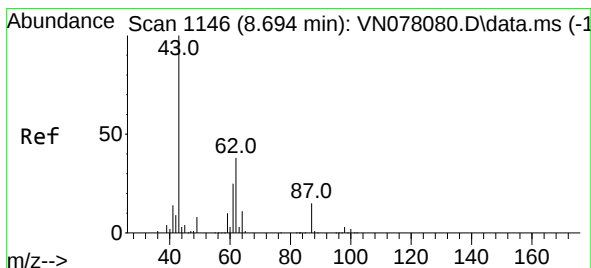
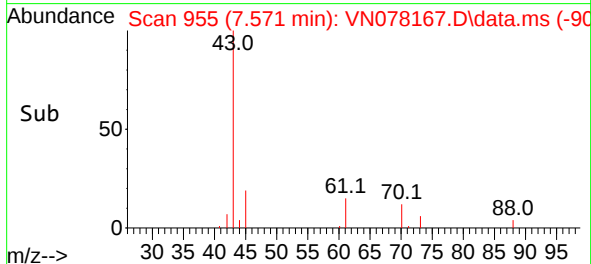
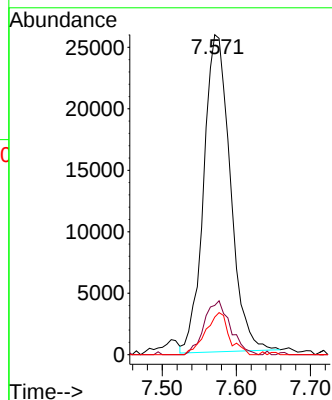
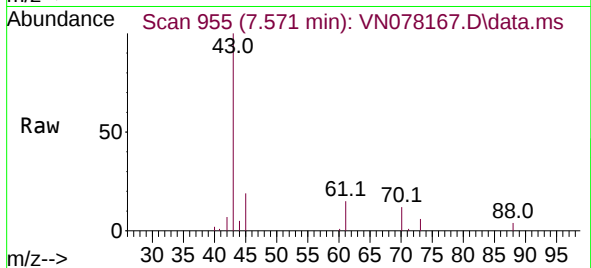
Instrument :

MSVOA_N

ClientSampleId :

MARION-SOIL-0609

Tgt Ion:	43	Resp:	64435
Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.2	19.8
70	11.8	11.3	16.9



#43

Isopropyl Acetate

Concen: 39.920 ug/l

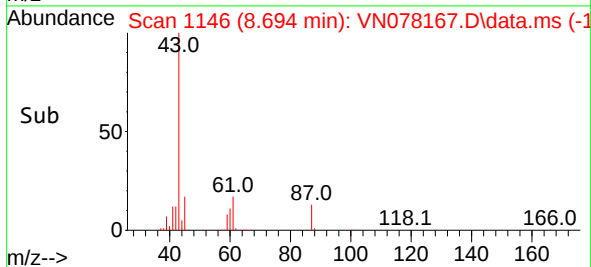
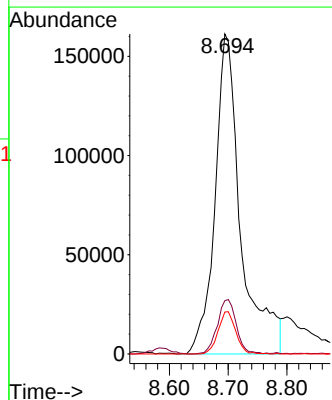
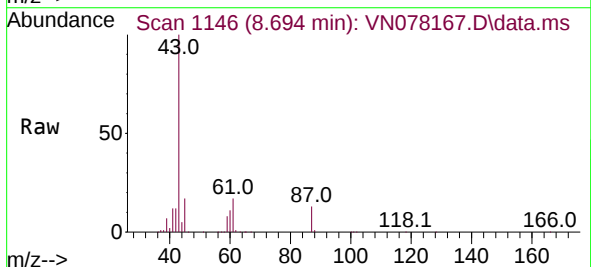
RT: 8.694 min Scan# 1146

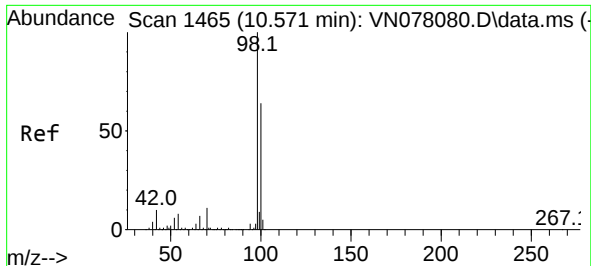
Delta R.T. 0.000 min

Lab File: VN078167.D

Acq: 12 Jun 2023 15:30

Tgt Ion:	43	Resp:	490822
Ion	Ratio	Lower	Upper
43	100		
61	12.6	24.7	37.1#
87	9.0	14.6	21.8#

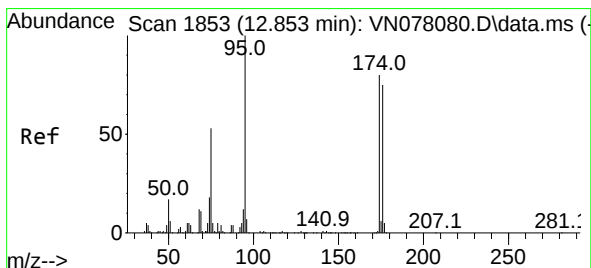
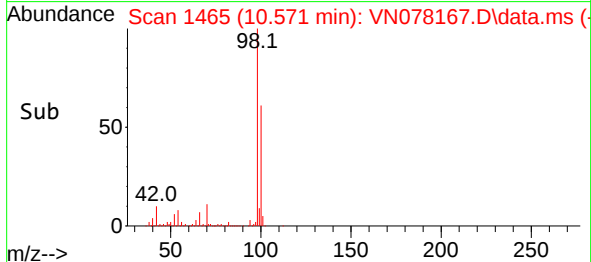
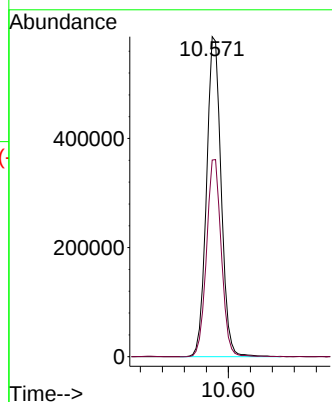
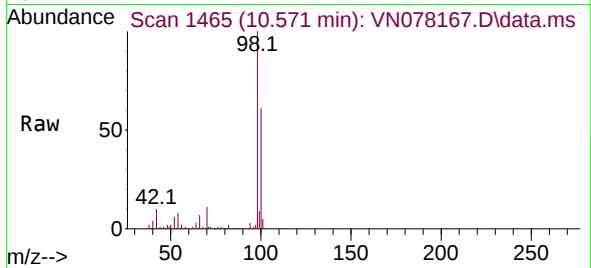




#50
Toluene-d8
Concen: 48.944 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

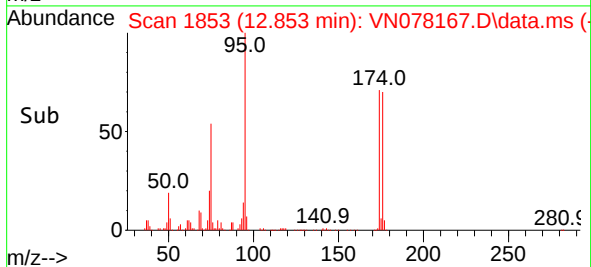
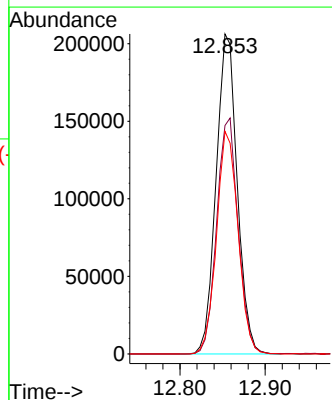
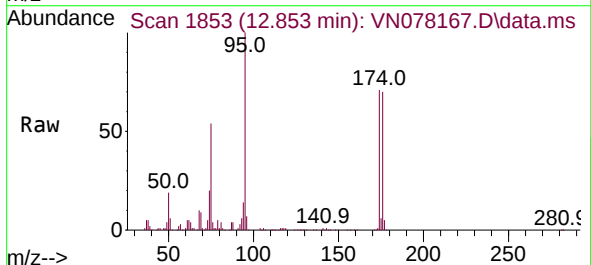
Instrument :
MSVOA_N
ClientSampleId :
MARION-SOIL-0609

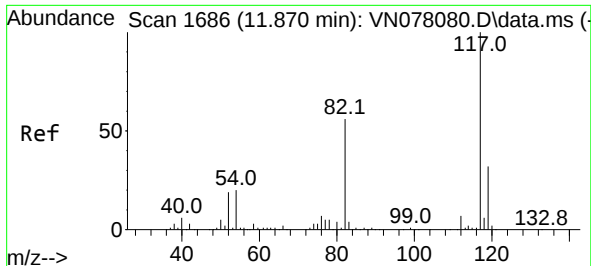
Tgt Ion: 98 Resp: 1082571
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

Tgt Ion: 95 Resp: 355055
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.8 0.0 135.8

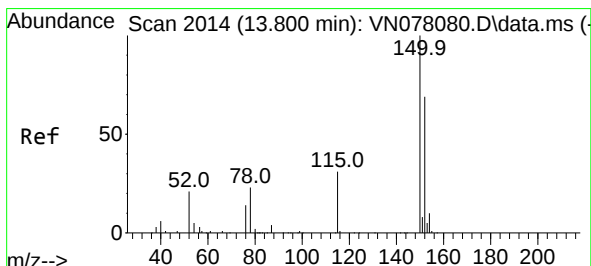
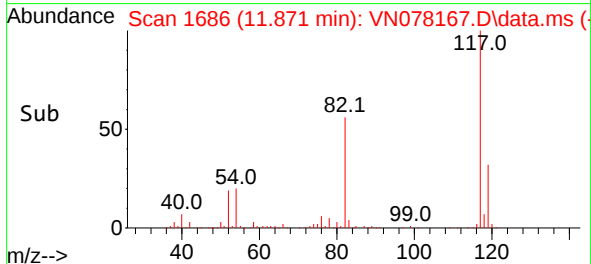
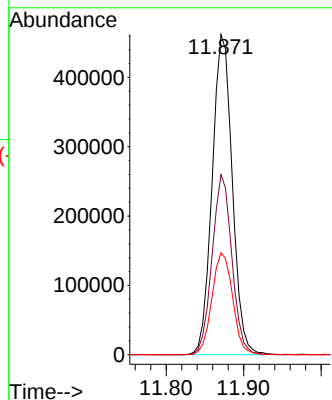
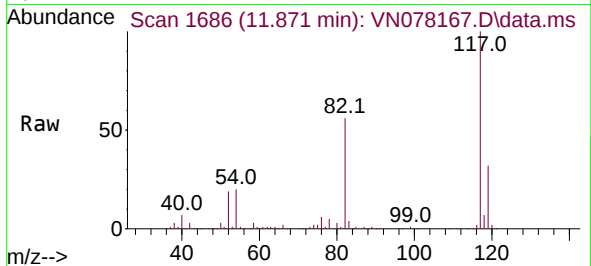




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

Instrument :
MSVOA_N
ClientSampleId :
MARION-SOIL-0609

Tgt Ion:117 Resp: 833028
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078167.D
Acq: 12 Jun 2023 15:30

Tgt Ion:152 Resp: 289166
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 150.8 0.0 355.8

