

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080110.D
 Acq On : 15 Nov 2023 15:06
 Operator : JC\MD
 Sample : 05402-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM-COMP

Quant Time: Nov 15 21:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

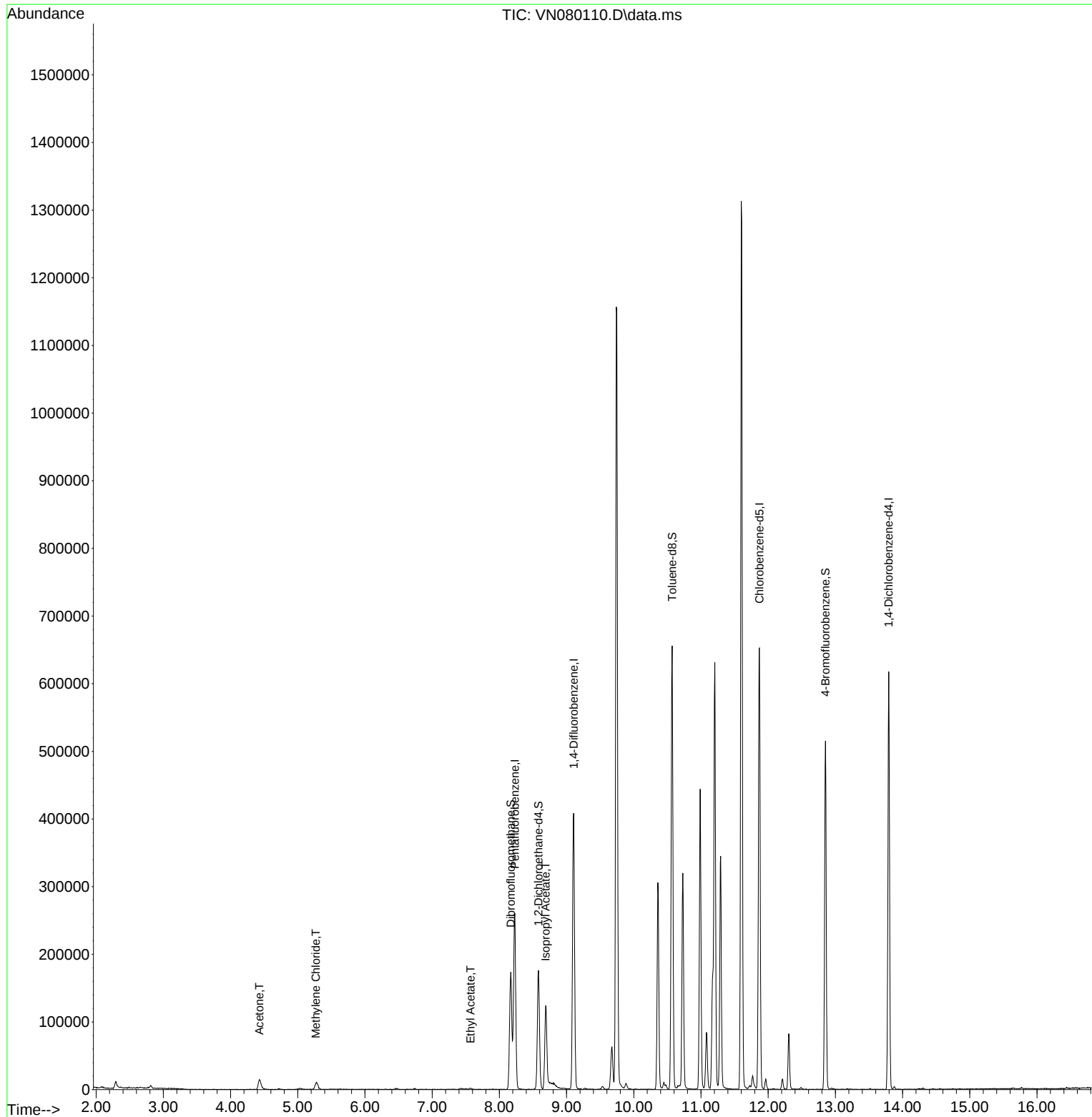
Internal Standards						
1) Pentafluorobenzene	8.229	168	180265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	375705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156128	56.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.700%
35) Dibromofluoromethane	8.171	113	121127	49.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	10.570	98	449738	50.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.853	95	174593	58.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.780%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	28532	29.576	ug/l	98
20) Methylene Chloride	5.271	84	9061	3.722	ug/l #	80
37) Ethyl Acetate	7.571	43	3302	1.038	ug/l #	76
43) Isopropyl Acetate	8.688	43	138222	24.785	ug/l #	85

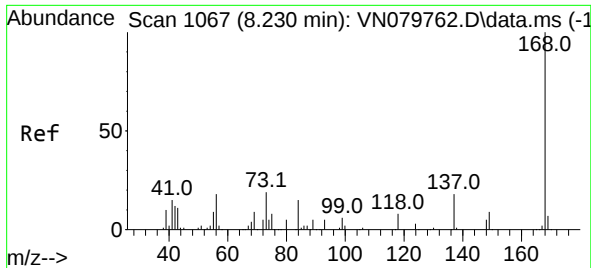
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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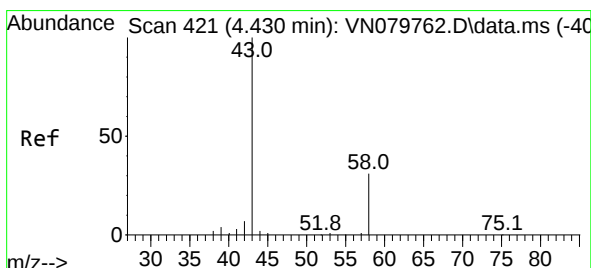
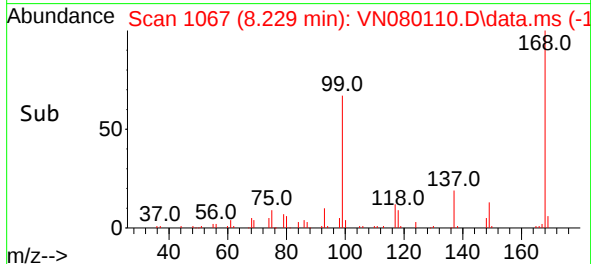
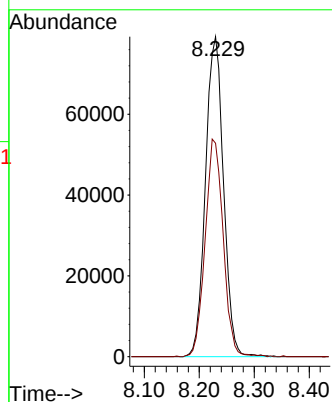
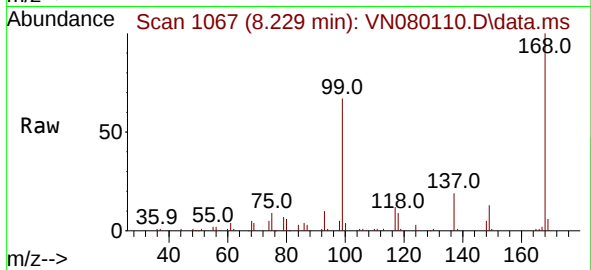




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

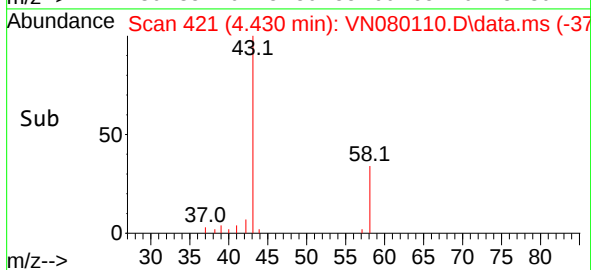
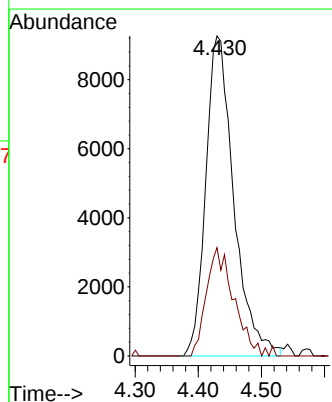
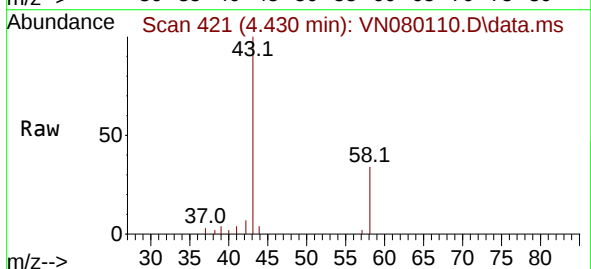
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM-COMP

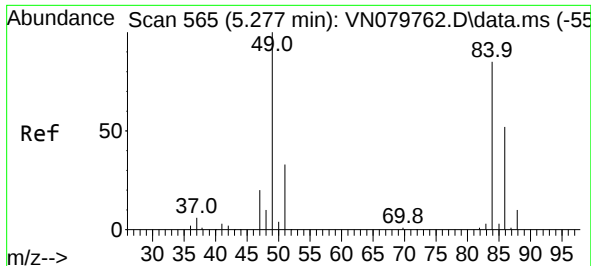
Tgt Ion:168 Resp: 180265
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#16
Acetone
Concen: 29.576 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Tgt Ion: 43 Resp: 28532
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

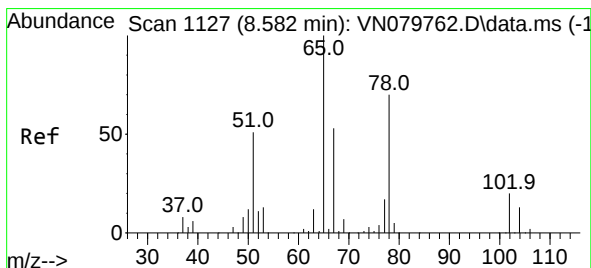
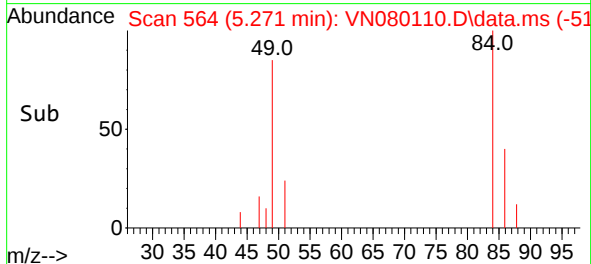
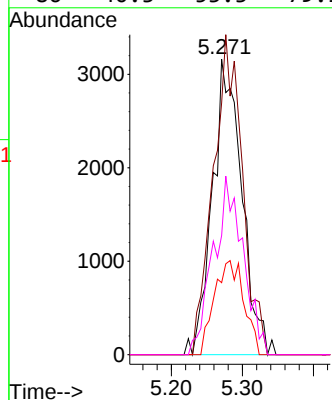
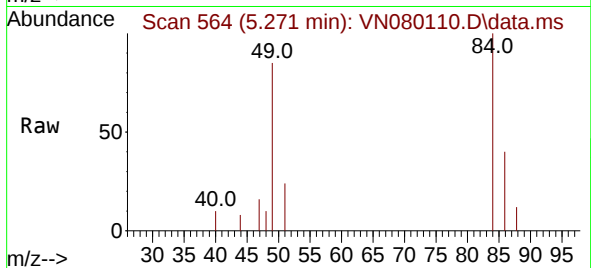




#20
Methylene Chloride
Concen: 3.722 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

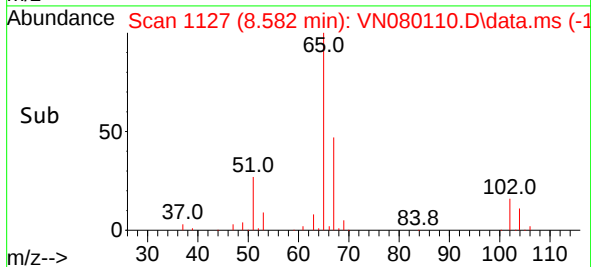
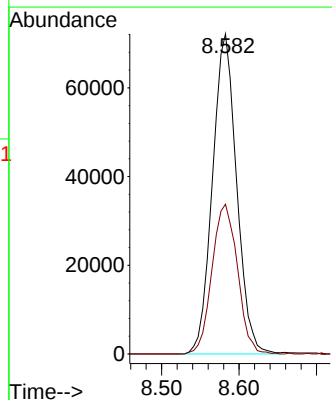
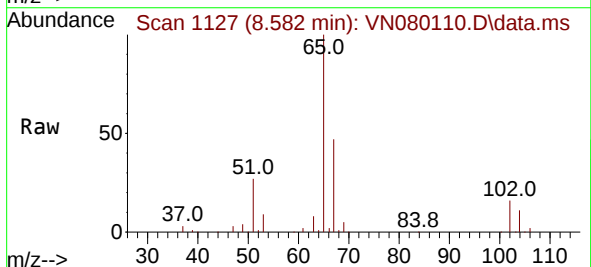
Instrument :
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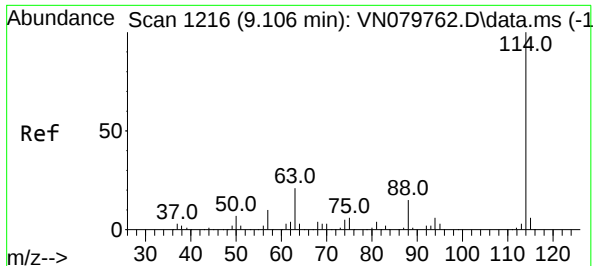
Tgt Ion:	84	Resp:	9061
Ion	Ratio	Lower	Upper
84	100		
49	85.2	79.7	119.5
51	24.4	25.2	37.8#
86	40.3	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 56.848 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Tgt Ion:	65	Resp:	156128
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	106.6

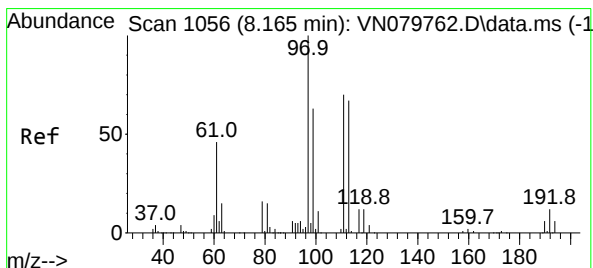
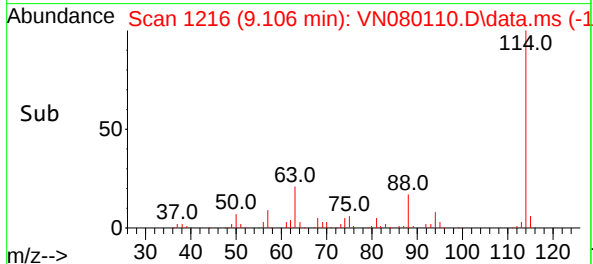
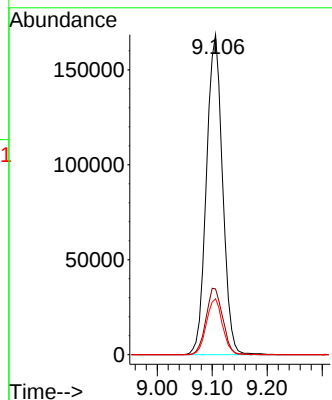
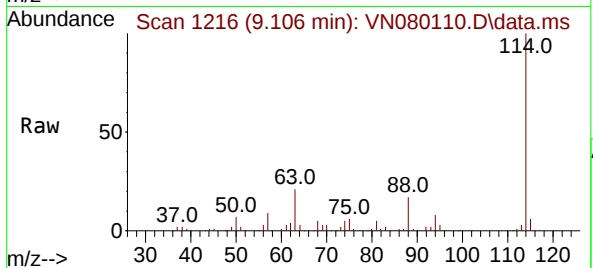




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

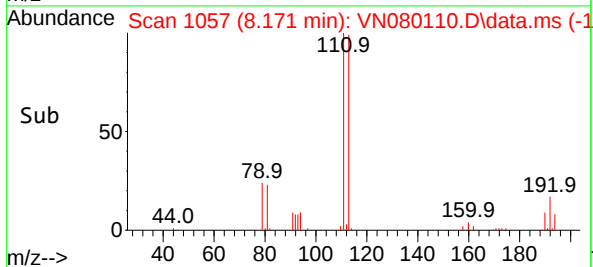
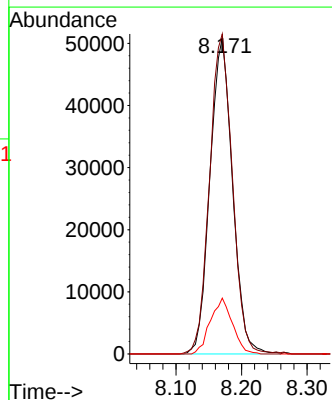
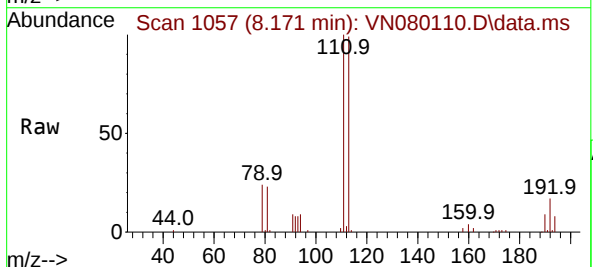
Instrument :
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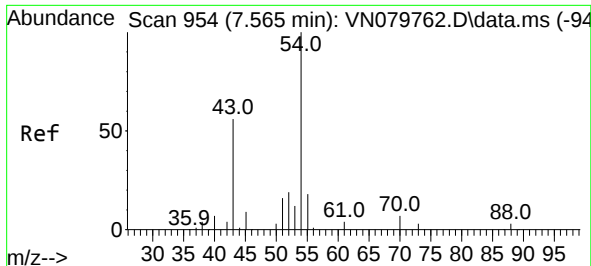
Tgt Ion:114 Resp: 343117
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 17.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Tgt Ion:113 Resp: 121127
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.3 12.7 19.1





#37

Ethyl Acetate

Concen: 1.038 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080110.D

Acq: 15 Nov 2023 15:06

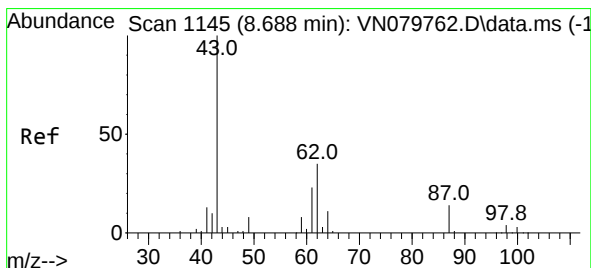
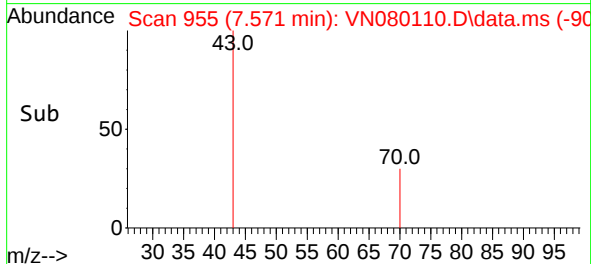
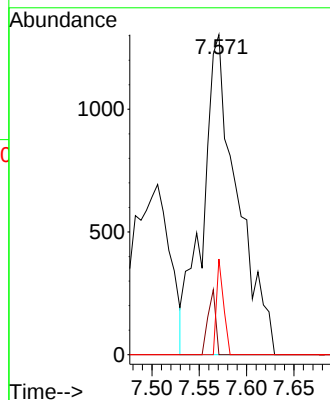
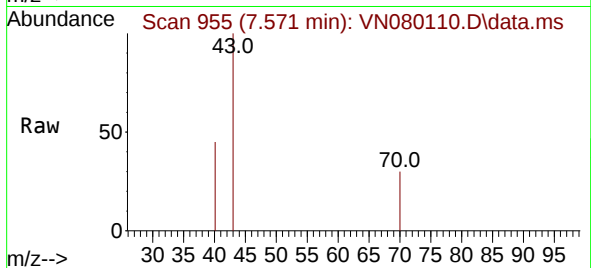
Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM-COMP

Tgt Ion:	43	Resp:	3302
Ion	Ratio	Lower	Upper
43	100		
61	4.5	13.2	19.8#
70	6.0	11.3	16.9#



#43

Isopropyl Acetate

Concen: 24.785 ug/l

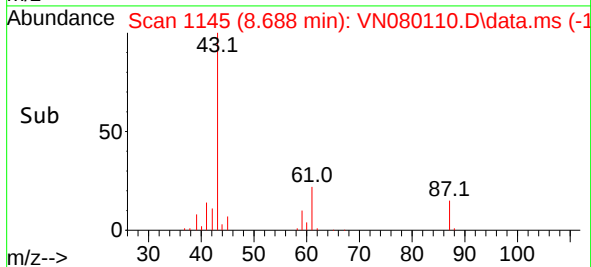
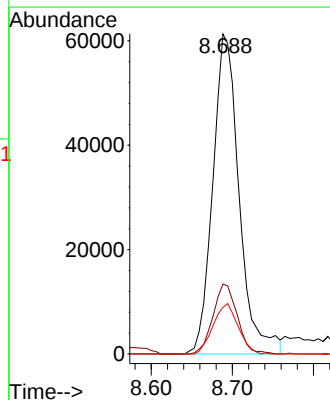
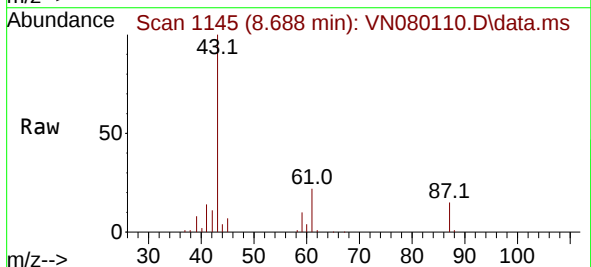
RT: 8.688 min Scan# 1145

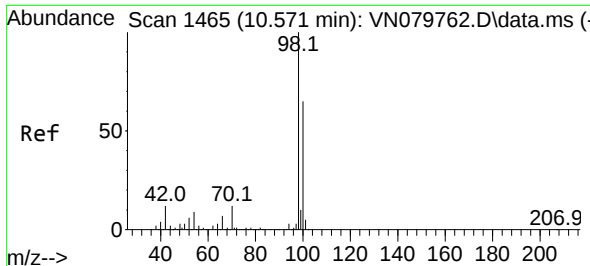
Delta R.T. -0.000 min

Lab File: VN080110.D

Acq: 15 Nov 2023 15:06

Tgt Ion:	43	Resp:	138222
Ion	Ratio	Lower	Upper
43	100		
61	20.0	24.7	37.1#
87	14.9	14.6	21.8

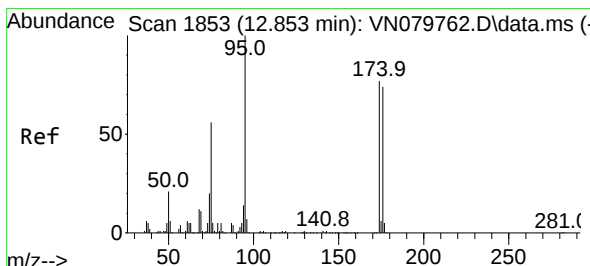
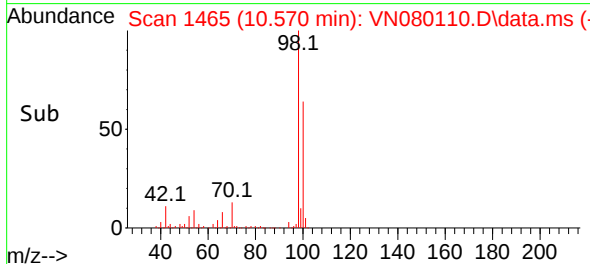
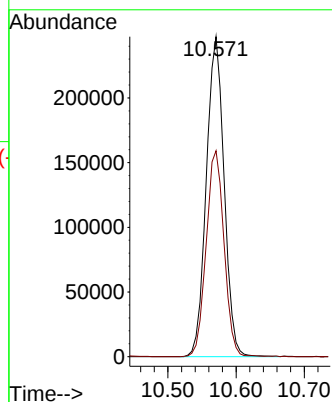
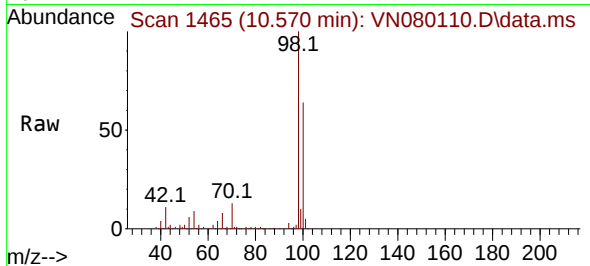




#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

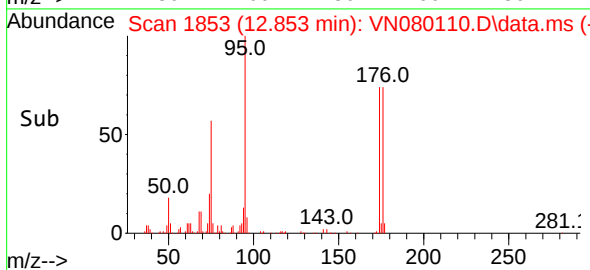
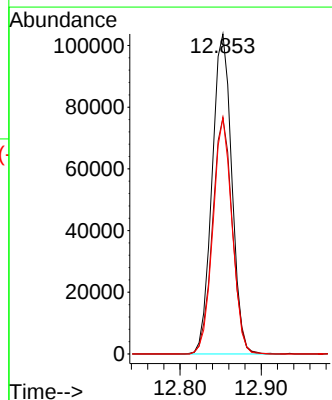
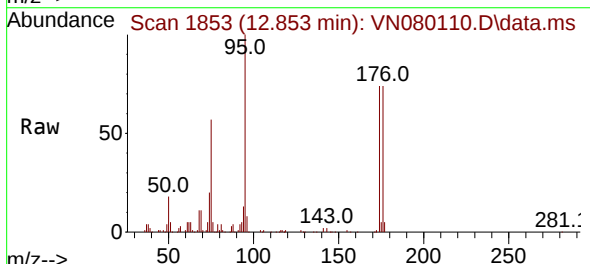
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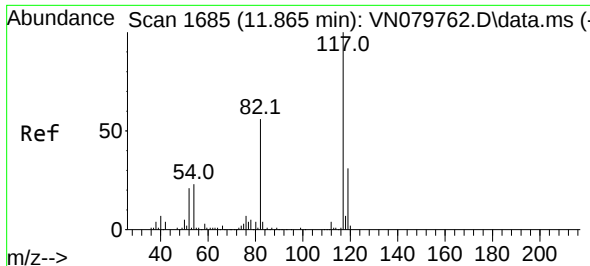
Tgt Ion: 98 Resp: 449738
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.886 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Tgt Ion: 95 Resp: 174593
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.5 0.0 135.8

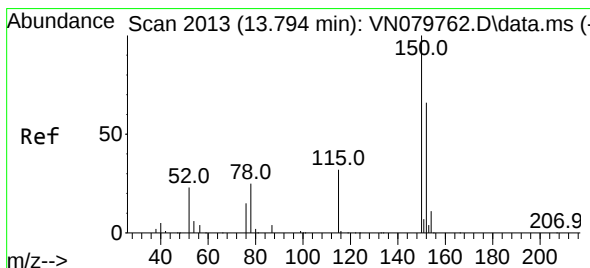
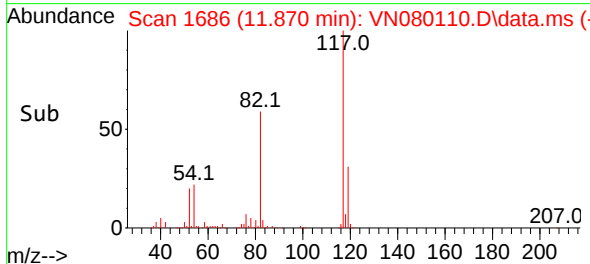
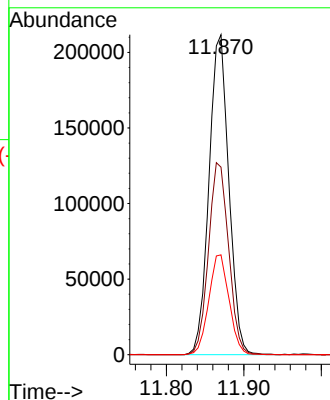
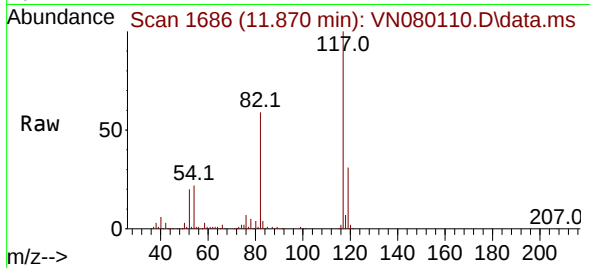




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 375705
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080110.D
Acq: 15 Nov 2023 15:06

Tgt Ion:152 Resp: 159305
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 157.7 0.0 355.8

