

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080161.D
 Acq On : 17 Nov 2023 14:29
 Operator : JC\MD
 Sample : 05445-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-3-1115

Quant Time: Nov 18 02:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

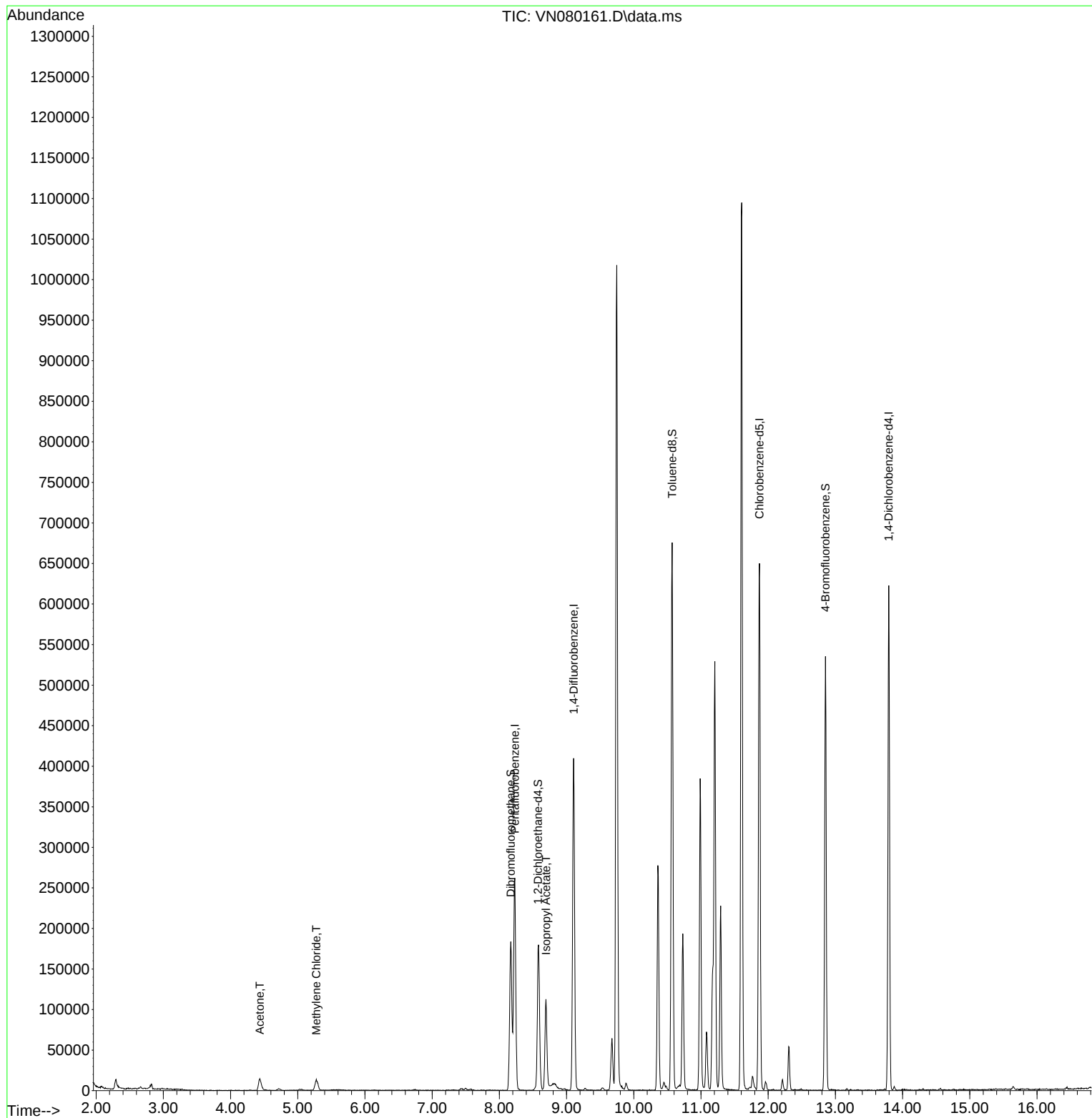
Internal Standards						
1) Pentafluorobenzene	8.230	168	178982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	379903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164167	55.550	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.100%	
35) Dibromofluoromethane	8.171	113	127996	50.599	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.200%	
50) Toluene-d8	10.571	98	471476	51.704	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.400%	
62) 4-Bromofluorobenzene	12.853	95	183368	53.238	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	106.480%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	26957	27.158	ug/l	99
20) Methylene Chloride	5.277	84	10984	5.284	ug/l #	96
43) Isopropyl Acetate	8.694	43	119782	24.230	ug/l #	86

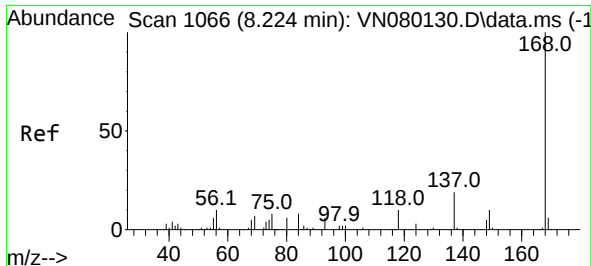
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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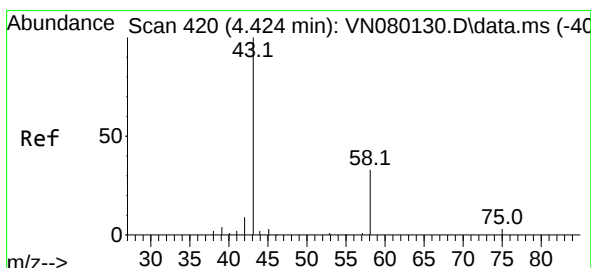
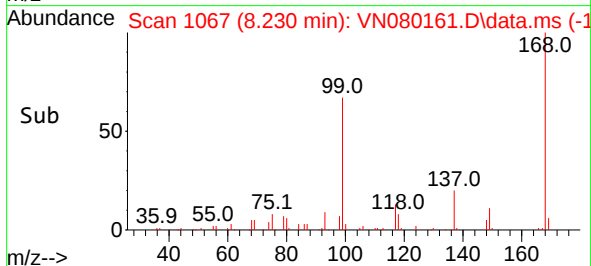
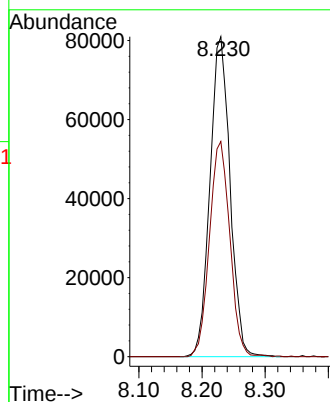
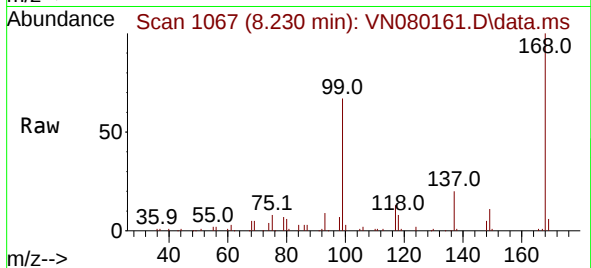




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

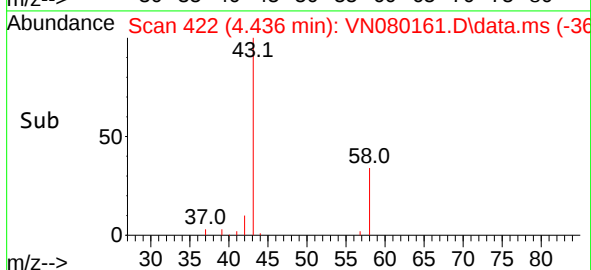
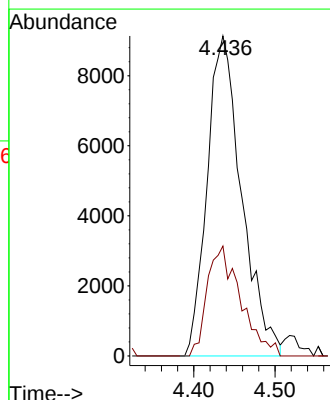
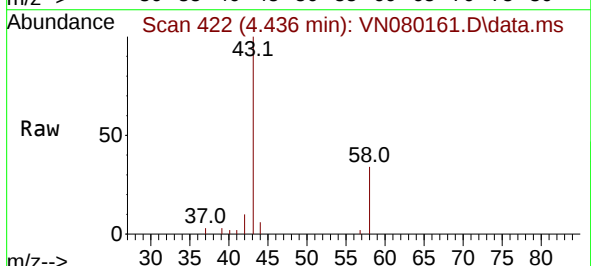
Instrument :
MSVOA_N
ClientSampleId :
SOIL-3-1115

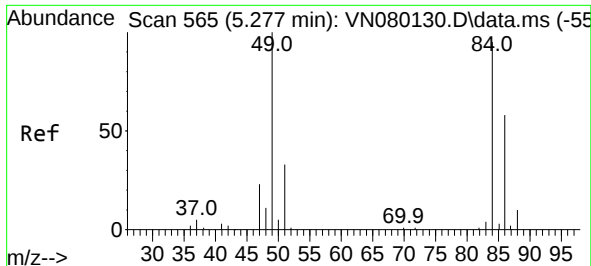
Tgt Ion:168 Resp: 178982
Ion Ratio Lower Upper
168 100
99 67.2 53.0 79.6



#16
Acetone
Concen: 27.158 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

Tgt Ion: 43 Resp: 26957
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0

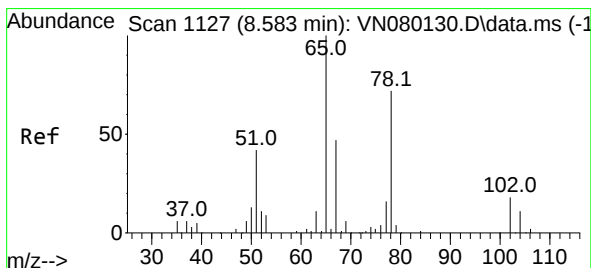
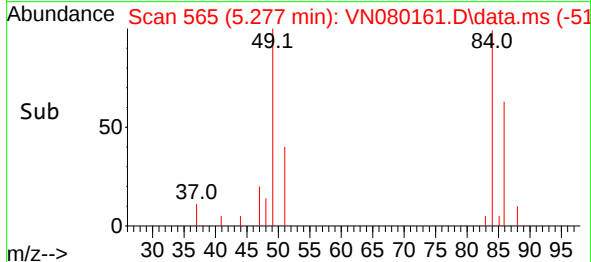
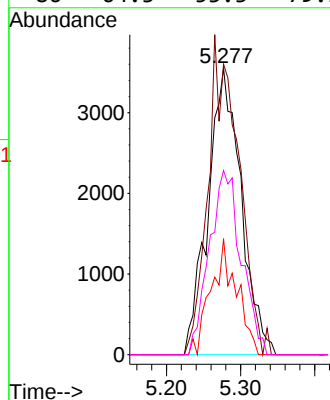
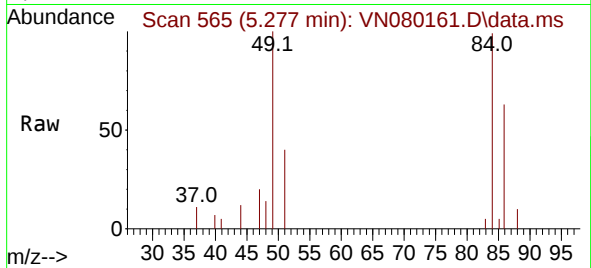




#20
Methylene Chloride
Concen: 5.284 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

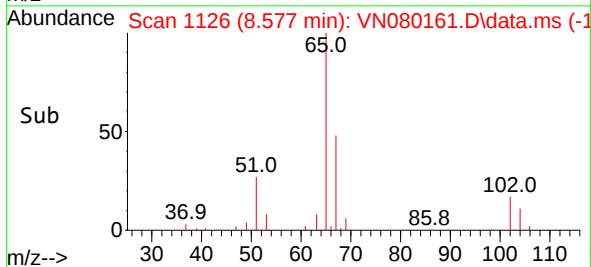
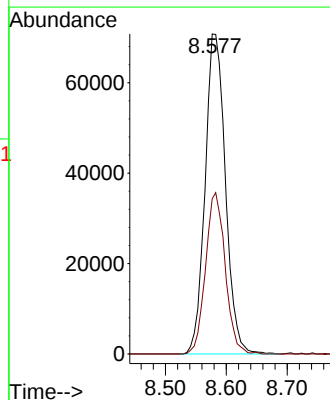
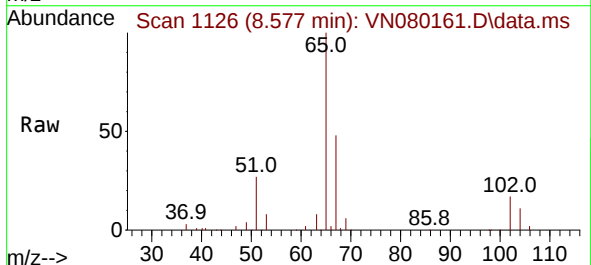
Instrument :
MSVOA_N
ClientSampleId :
SOIL-3-1115

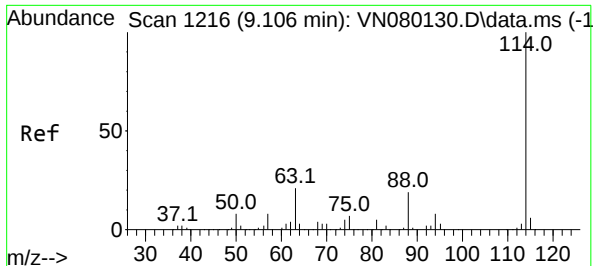
Tgt Ion:	84	Resp:	10984
Ion	Ratio	Lower	Upper
84	100		
49	101.4	79.7	119.5
51	40.5	25.2	37.8#
86	64.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

Tgt Ion:	65	Resp:	164167
Ion	Ratio	Lower	Upper
65	100		
67	48.6	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: VN080161.D

Acq: 17 Nov 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

SOIL-3-1115

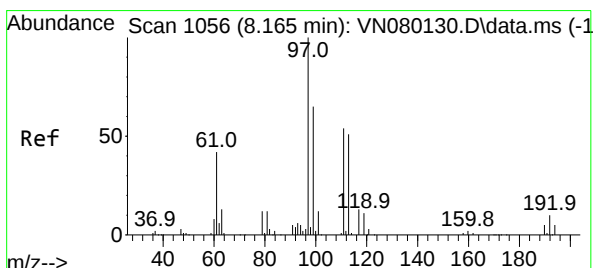
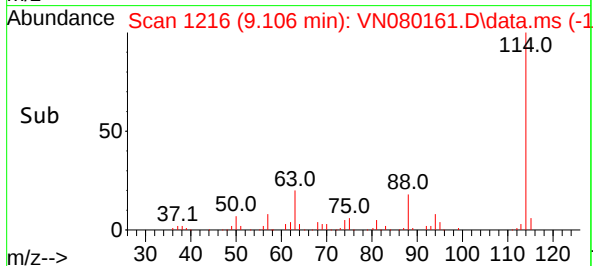
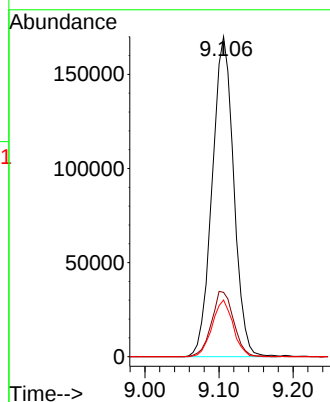
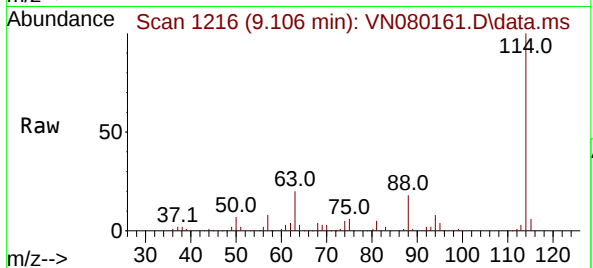
Tgt Ion:114 Resp: 342829

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.599 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080161.D

Acq: 17 Nov 2023 14:29

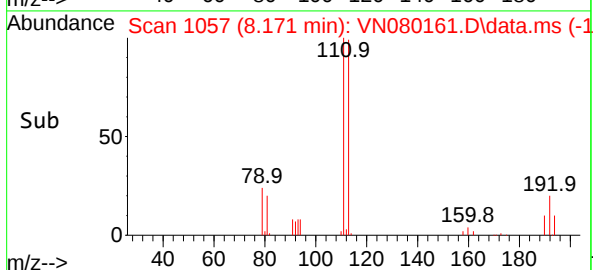
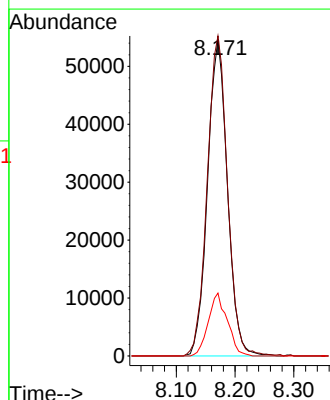
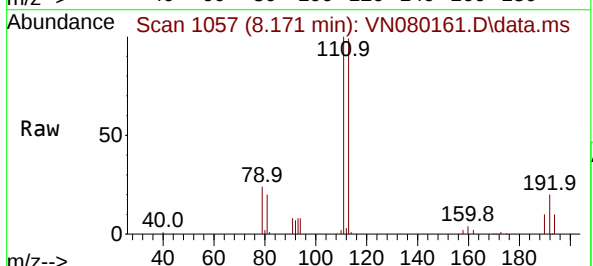
Tgt Ion:113 Resp: 127996

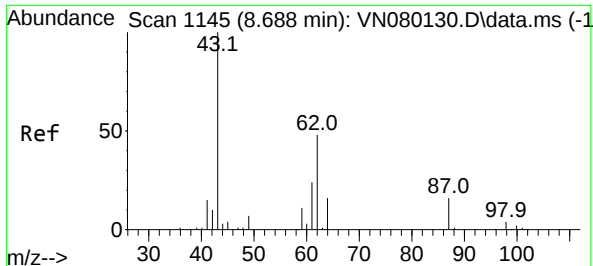
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.0 12.7 19.1

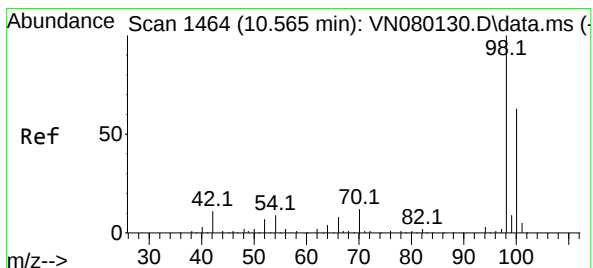
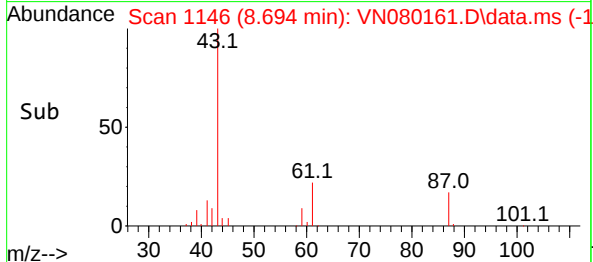
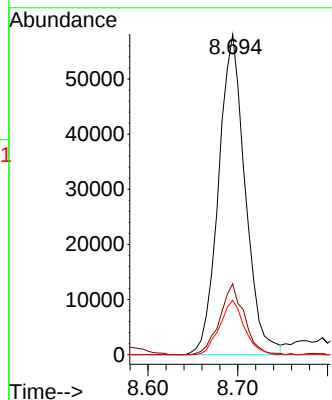
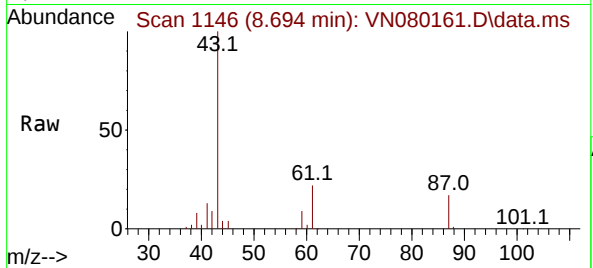




#43
Isopropyl Acetate
Concen: 24.230 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

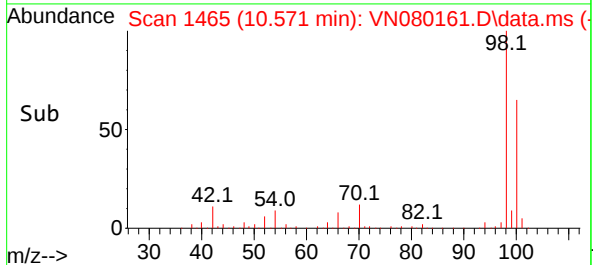
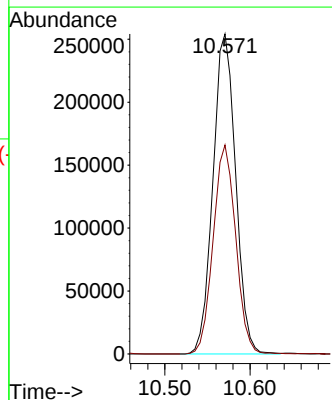
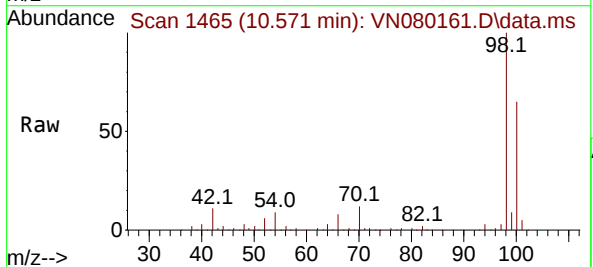
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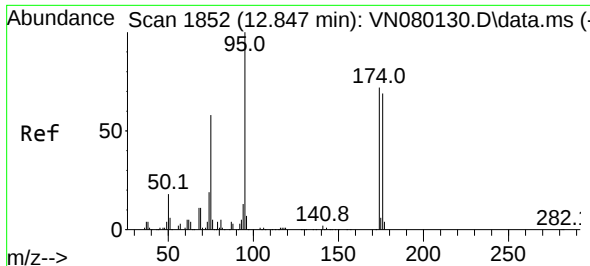
Tgt Ion: 43 Resp: 119782
Ion Ratio Lower Upper
43 100
61 20.4 24.7 37.1#
87 15.6 14.6 21.8



#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

Tgt Ion: 98 Resp: 471476
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

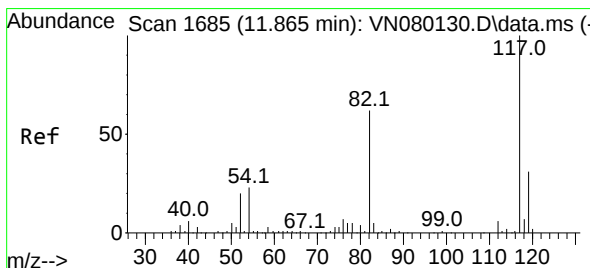
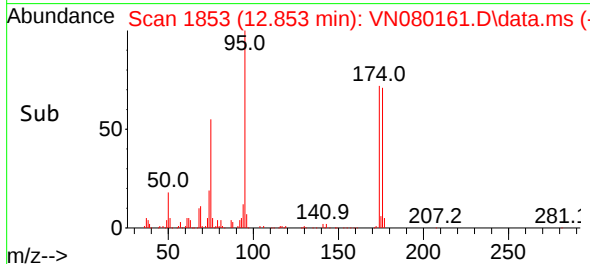
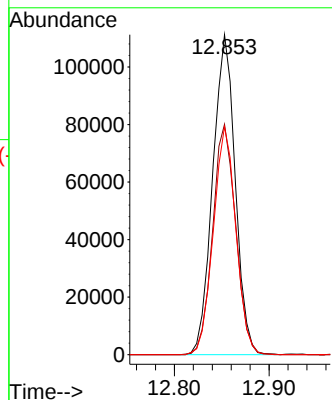
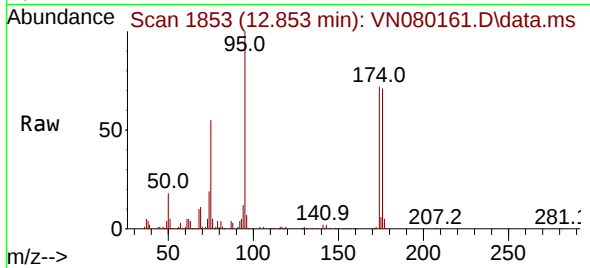




#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

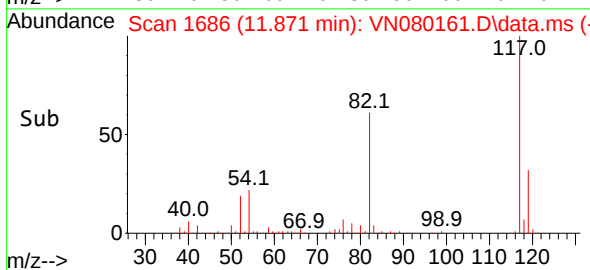
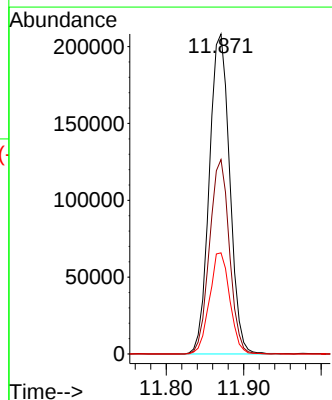
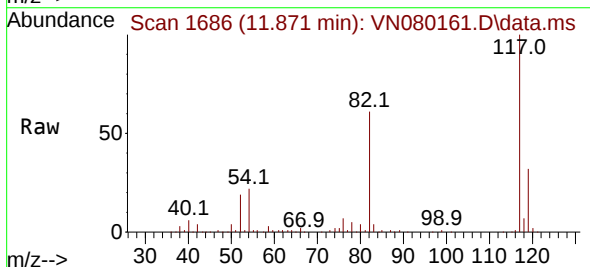
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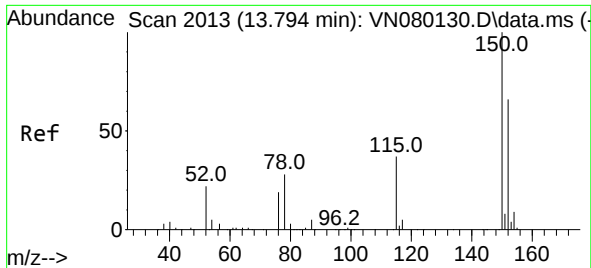
Tgt Ion: 95 Resp: 183368
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080161.D
Acq: 17 Nov 2023 14:29

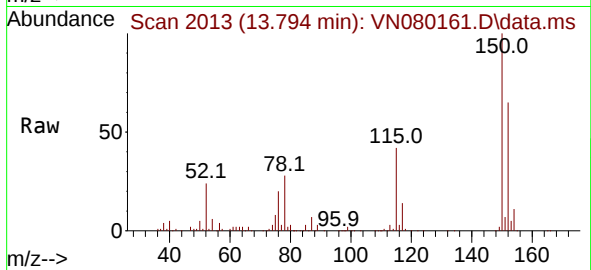
Tgt Ion: 117 Resp: 379903
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080161.D
 Acq: 17 Nov 2023 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 160033
 Ion Ratio Lower Upper
 152 100
 115 67.7 32.3 96.8
 150 157.8 0.0 355.8

