

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080160.D
 Acq On : 17 Nov 2023 14:05
 Operator : JC\MD
 Sample : 05445-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-2-1115

Quant Time: Nov 18 02:29:47 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)

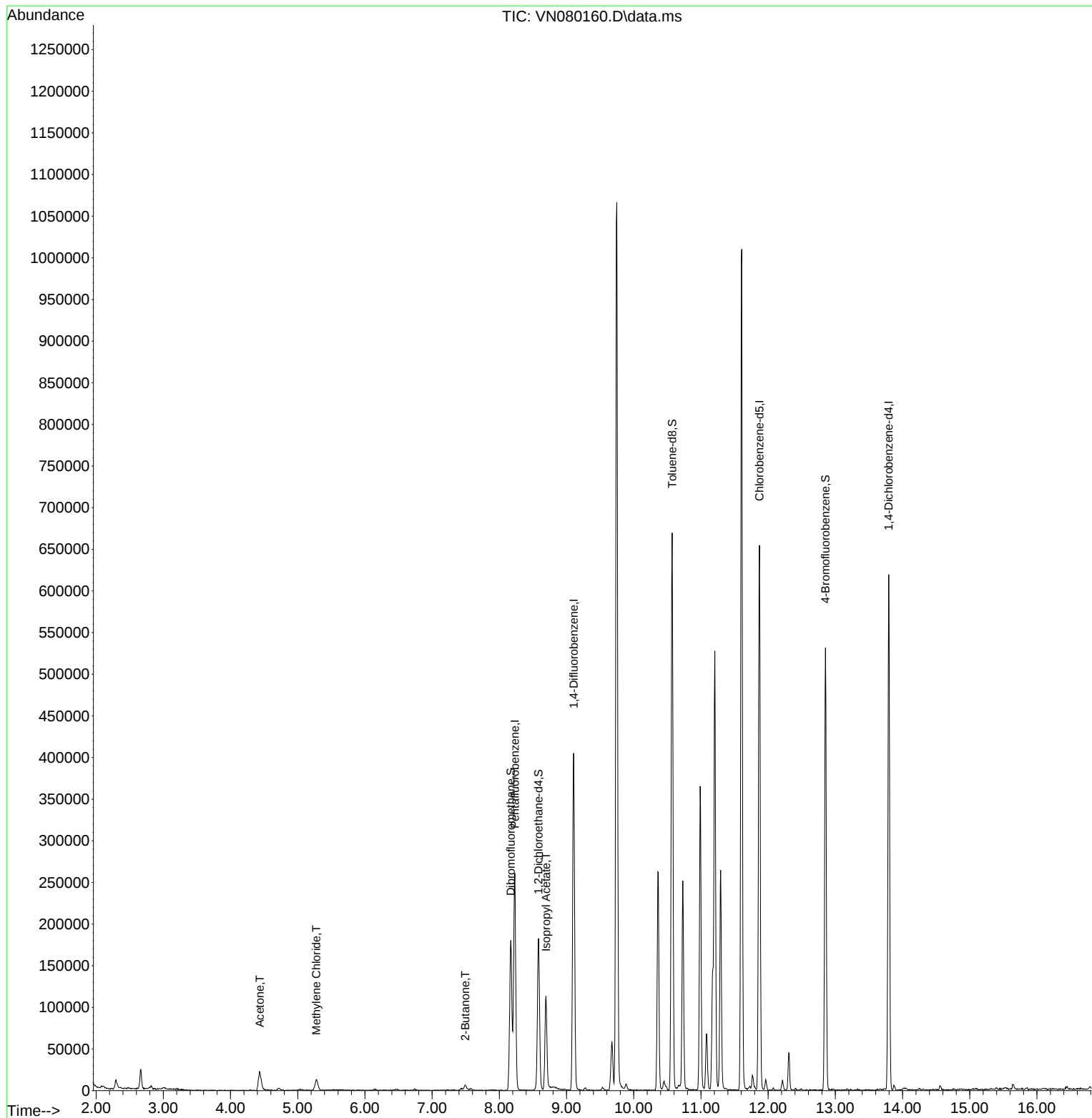
Internal Standards						
1) Pentafluorobenzene	8.230	168	176716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	375379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161569	55.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.740%
35) Dibromofluoromethane	8.171	113	126168	50.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	10.571	98	465823	51.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.853	95	183972	53.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.240%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	41980	42.835	ug/l	91
20) Methylene Chloride	5.277	84	10145	4.943	ug/l	94
25) 2-Butanone	7.494	43	10710	9.198	ug/l	99
43) Isopropyl Acetate	8.694	43	123619	25.101	ug/l #	87

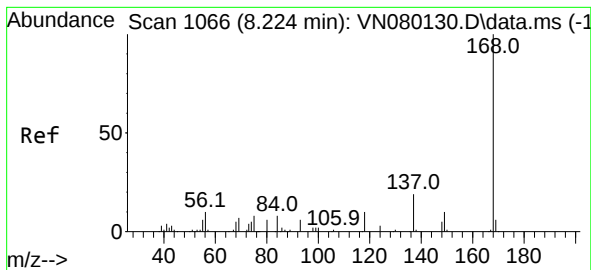
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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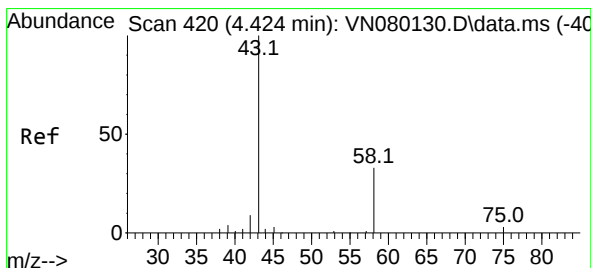
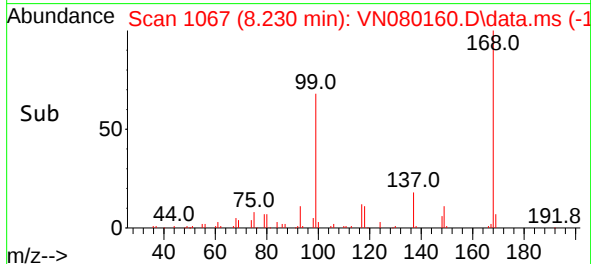
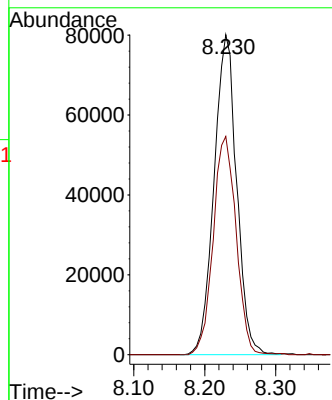
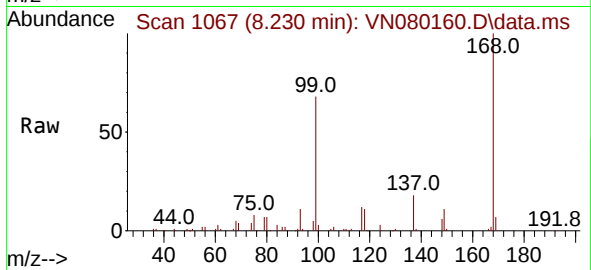




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

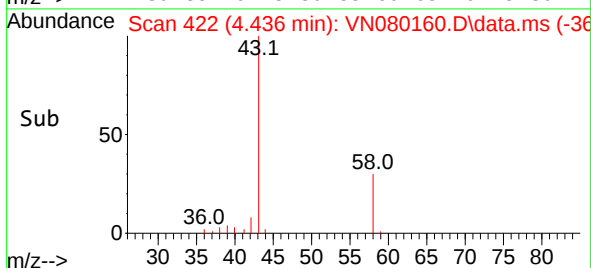
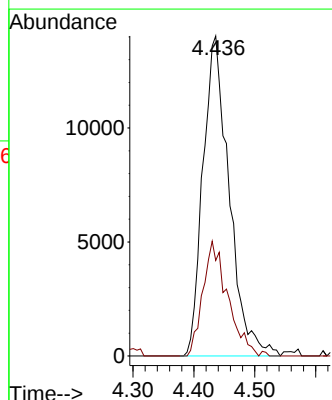
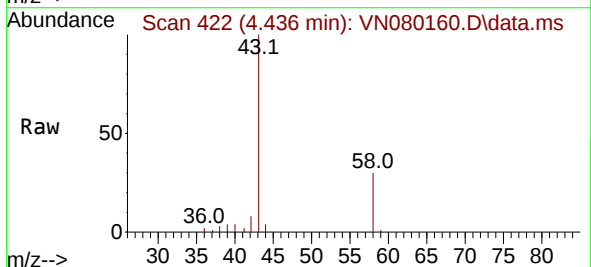
Instrument :
MSVOA_N
ClientSampleId :
SOIL-2-1115

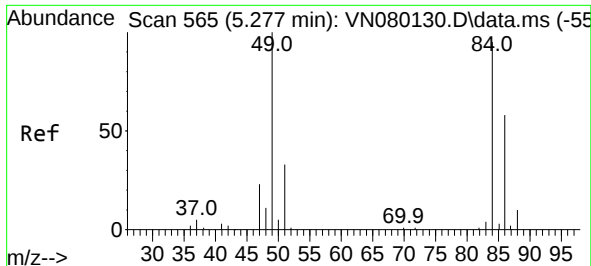
Tgt Ion:168 Resp: 176716
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6



#16
Acetone
Concen: 42.835 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

Tgt Ion: 43 Resp: 41980
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

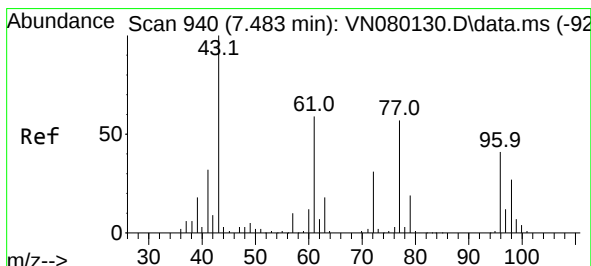
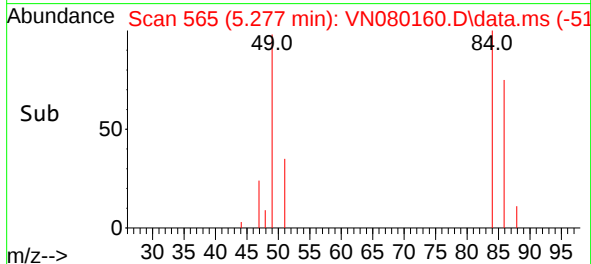
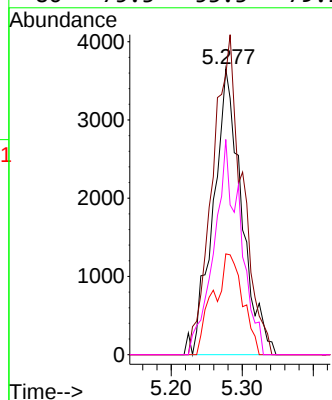
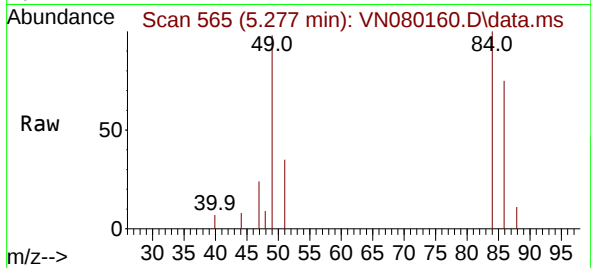




#20
Methylene Chloride
Concen: 4.943 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

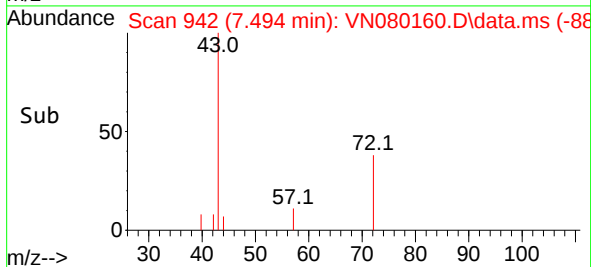
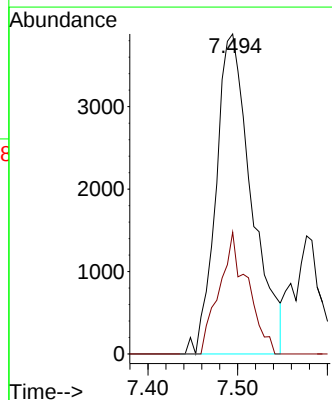
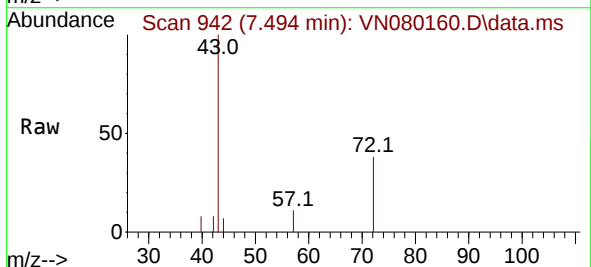
Instrument :
MSVOA_N
ClientSampleId :
SOIL-2-1115

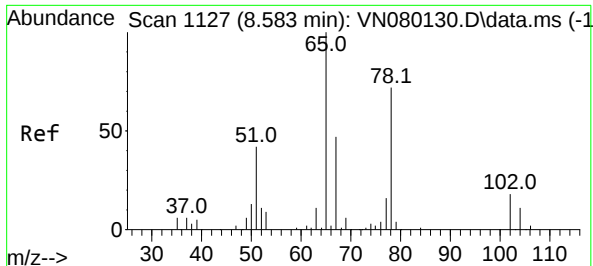
Tgt Ion: 84	Resp: 10145
Ion Ratio	Lower Upper
84 100	
49 97.9	79.7 119.5
51 35.3	25.2 37.8
86 75.3	53.3 79.9



#25
2-Butanone
Concen: 9.198 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

Tgt Ion: 43	Resp: 10710
Ion Ratio	Lower Upper
43 100	
72 38.0	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 55.372 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080160.D

Acq: 17 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

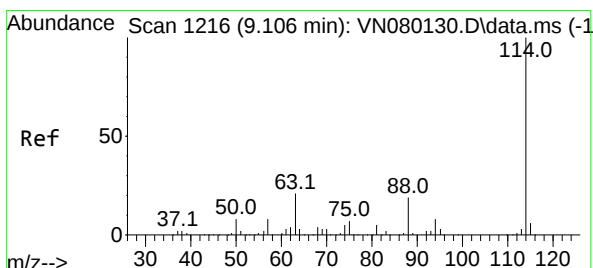
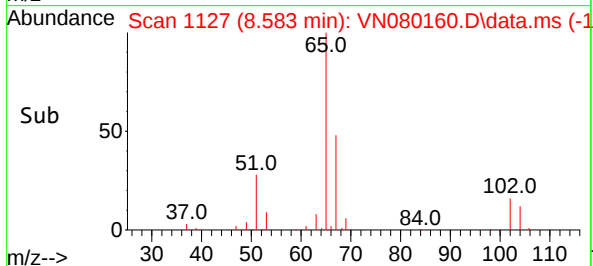
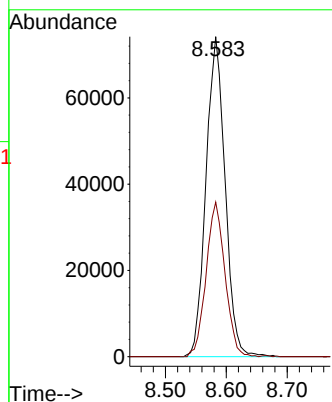
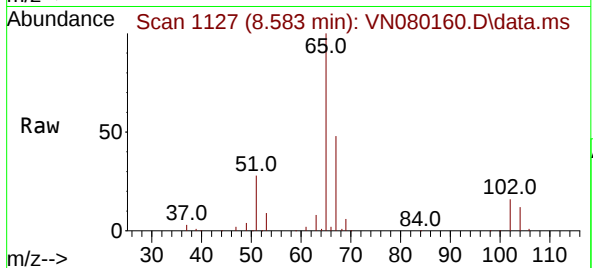
SOIL-2-1115

Tgt Ion: 65 Resp: 161569

Ion Ratio Lower Upper

65 100

67 47.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080160.D

Acq: 17 Nov 2023 14:05

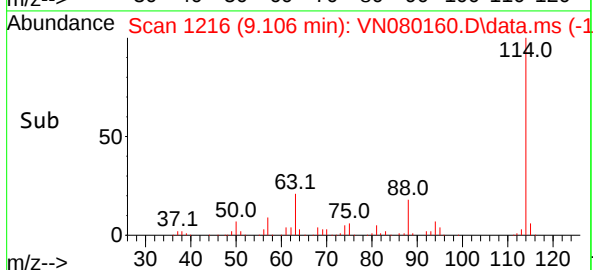
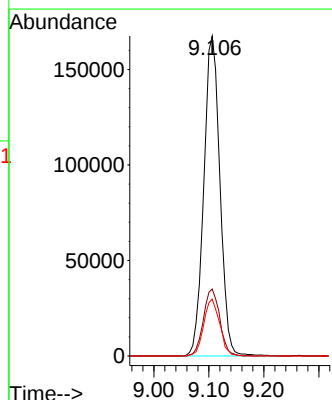
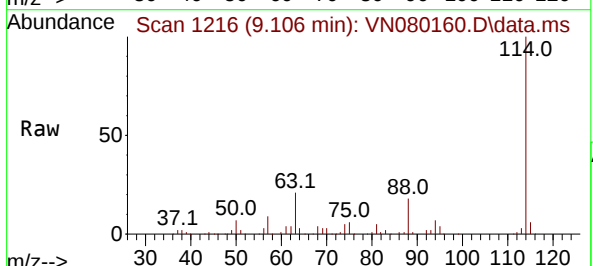
Tgt Ion: 114 Resp: 341534

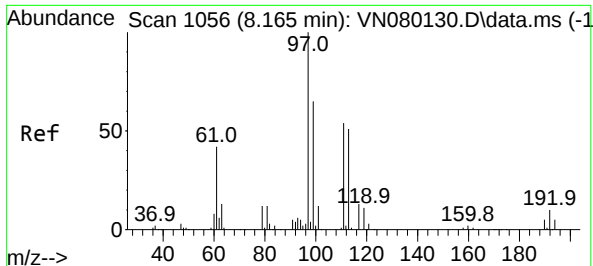
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.7 0.0 30.6

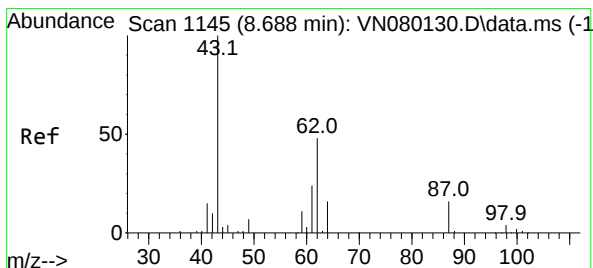
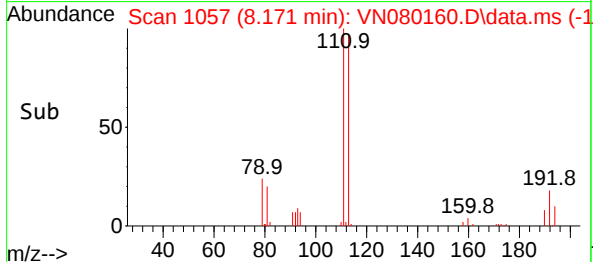
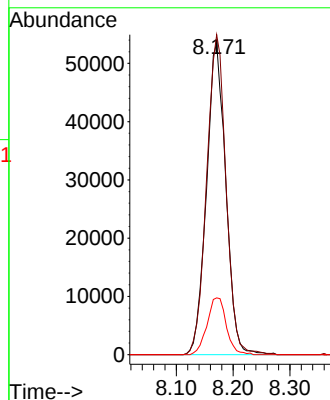
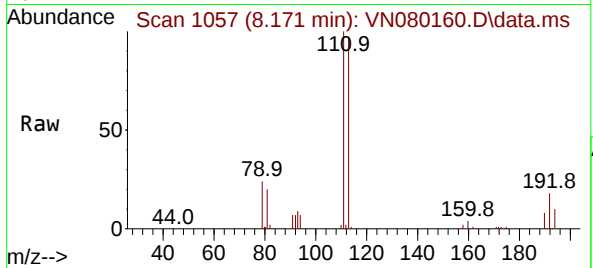




#35
Dibromofluoromethane
Concen: 50.065 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

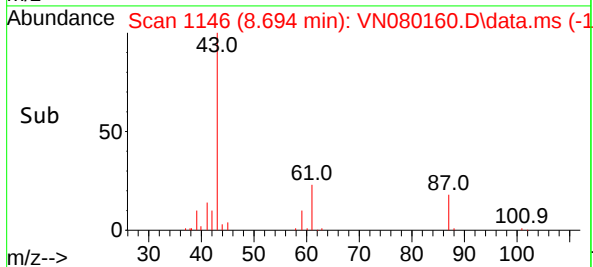
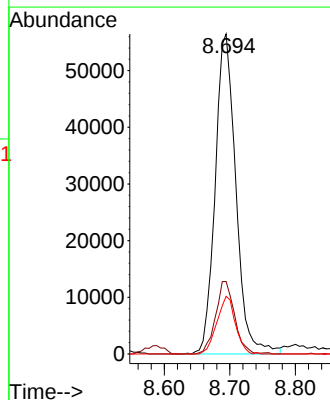
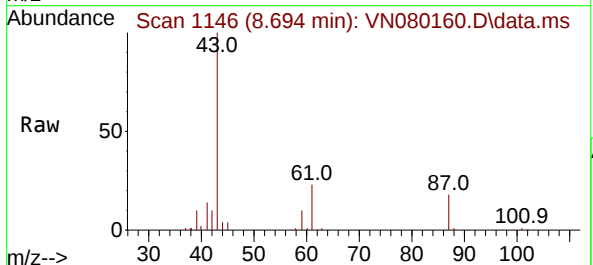
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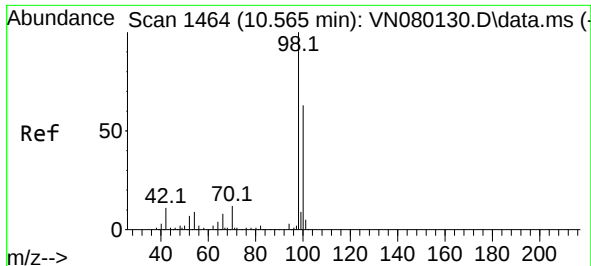
Tgt Ion:113 Resp: 126168
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 25.101 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

Tgt Ion: 43 Resp: 123619
Ion Ratio Lower Upper
43 100
61 20.7 24.7 37.1#
87 16.0 14.6 21.8

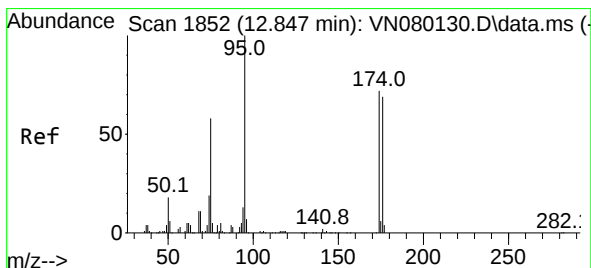
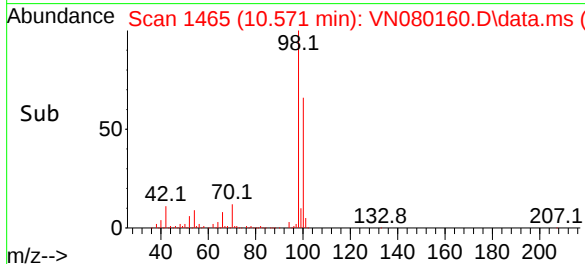
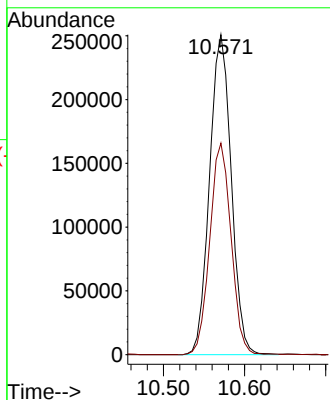
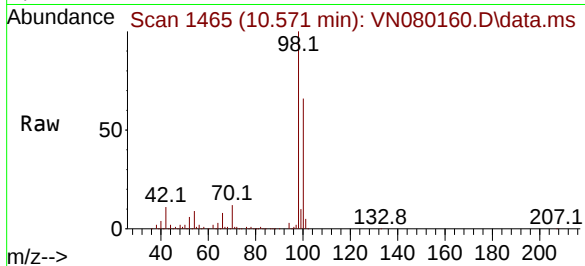




#50
Toluene-d8
Concen: 51.278 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

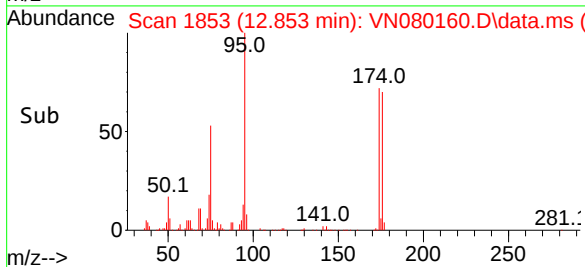
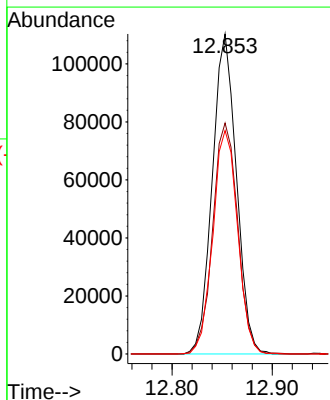
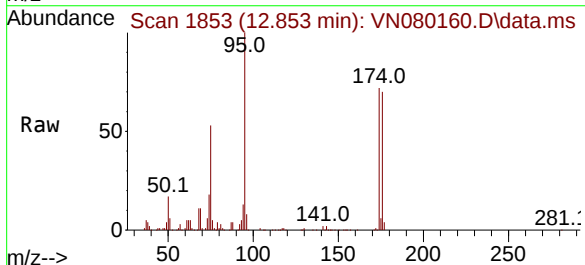
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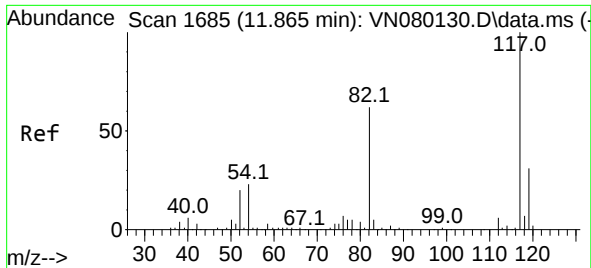
Tgt Ion: 98 Resp: 465823
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.616 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

Tgt Ion: 95 Resp: 183972
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.7 0.0 135.8

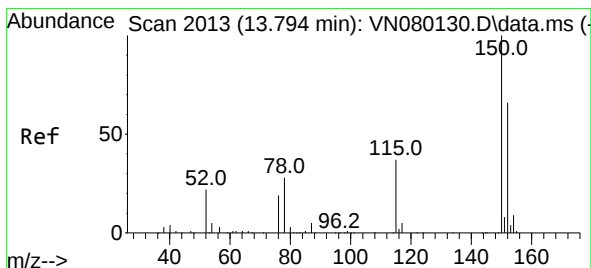
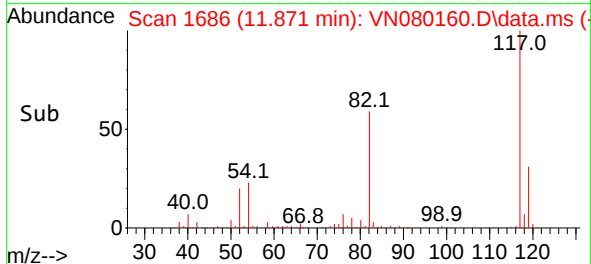
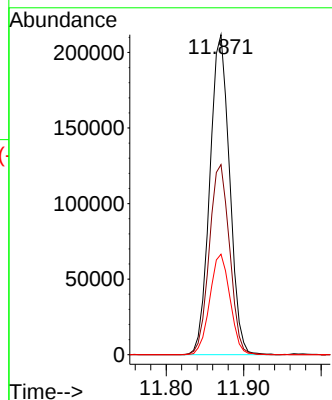
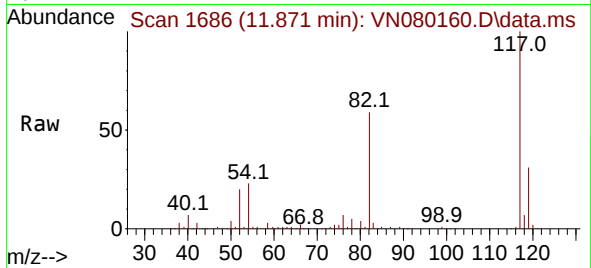




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080160.D
Acq: 17 Nov 2023 14:05

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Tgt Ion:117 Resp: 375379
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.4 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: VN080160.D
Acq: 17 Nov 2023 14:05

Tgt Ion:152 Resp: 163390
Ion Ratio Lower Upper
152 100
115 66.9 32.3 96.8
150 156.8 0.0 355.8

