

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080285.D
 Acq On : 27 Nov 2023 19:10
 Operator : JC\MD
 Sample : 05551-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB11272023

Quant Time: Nov 28 02:11:06 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)

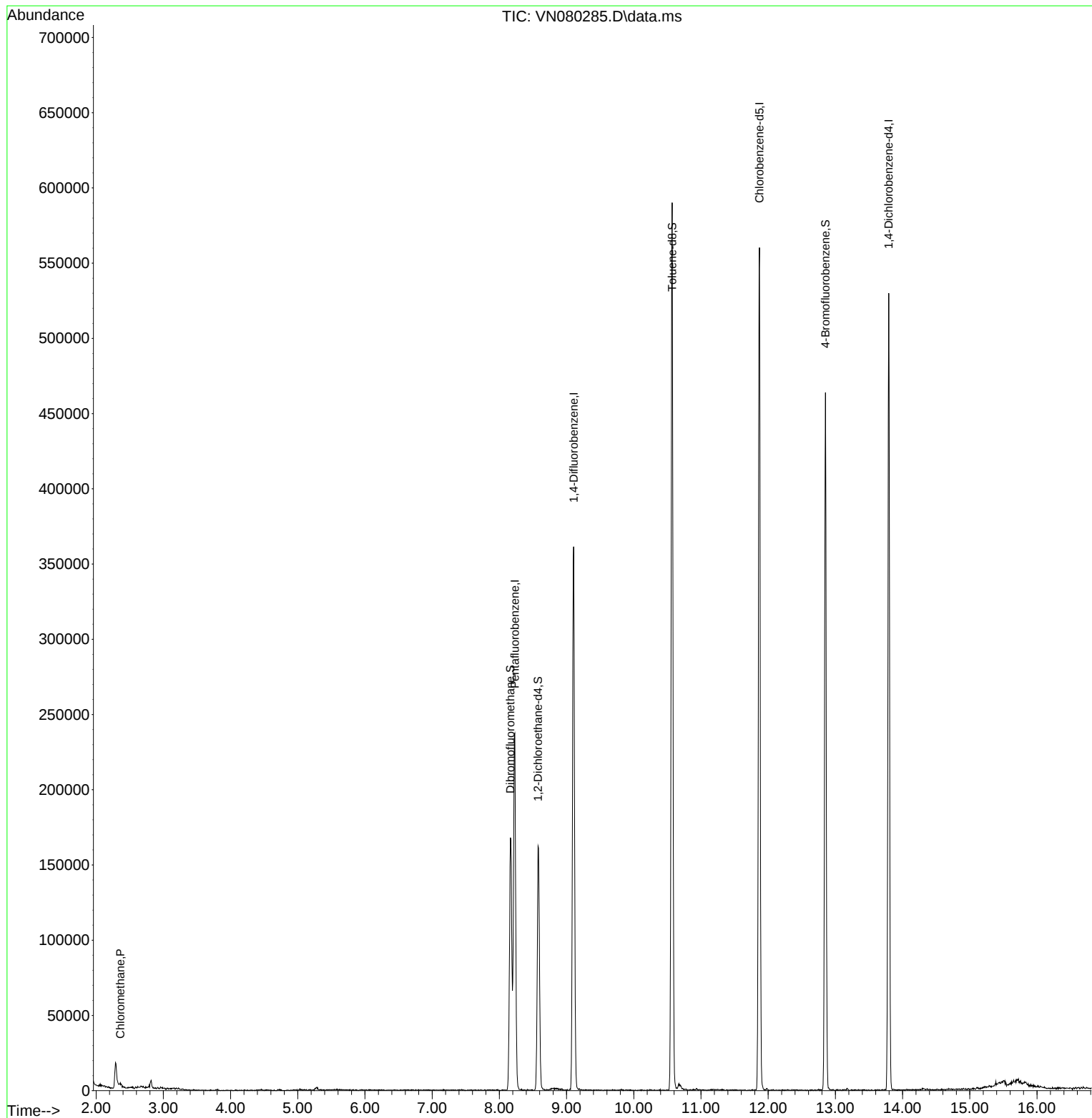
Internal Standards						
1) Pentafluorobenzene	8.230	168	168235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150279	54.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	8.165	113	118521	52.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.640%	
50) Toluene-d8	10.571	98	407809	49.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.853	95	157916	51.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1642	0.872	ug/l	93

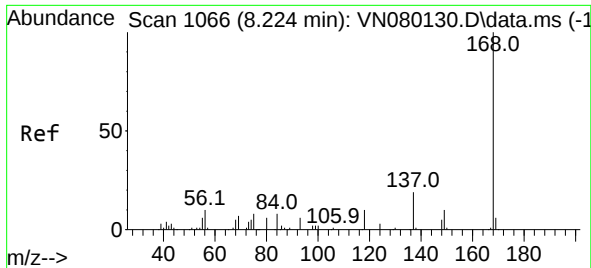
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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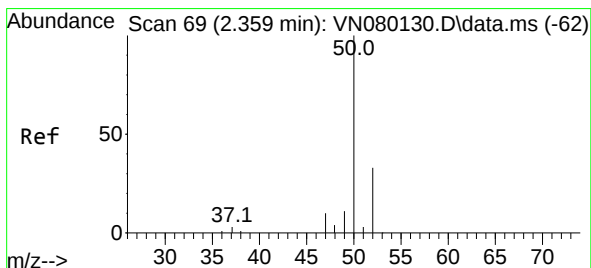
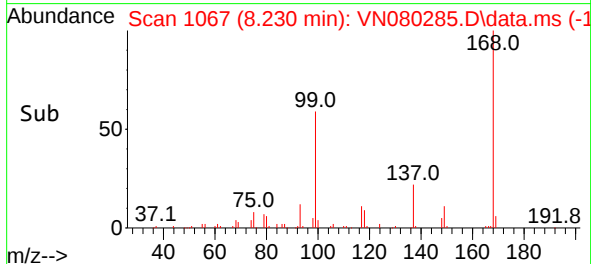
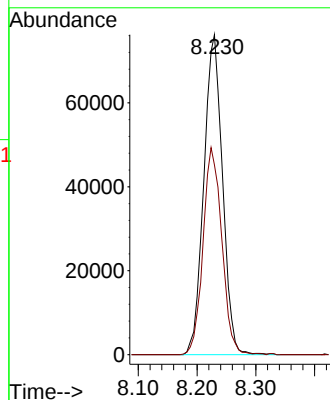
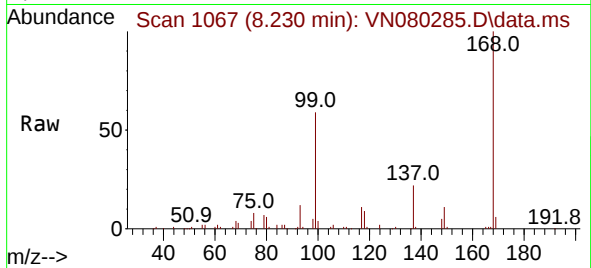




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

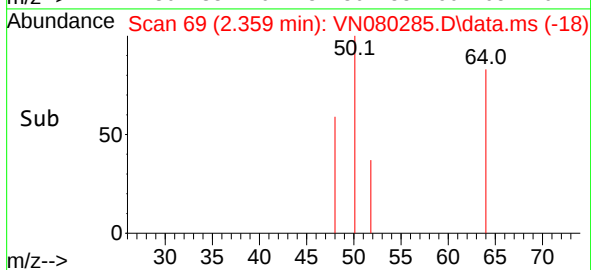
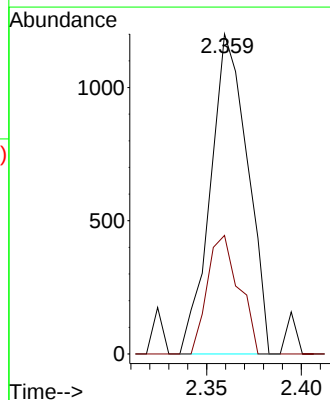
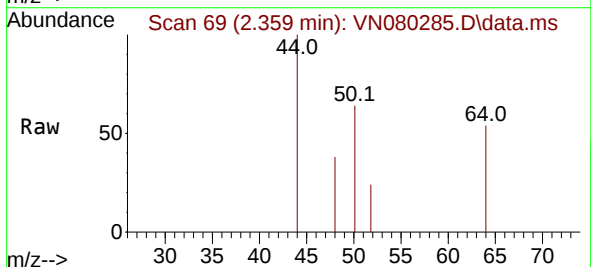
Instrument :
MSVOA_N
ClientSampleId :
TB11272023

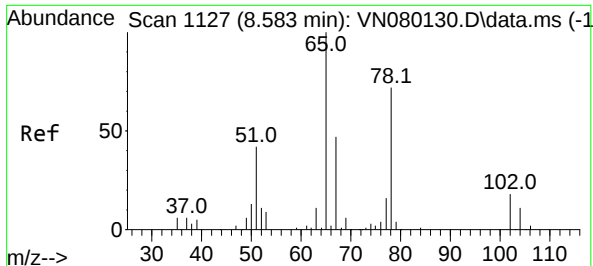
Tgt Ion:168 Resp: 168235
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#3
Chloromethane
Concen: 0.872 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 50 Resp: 1642
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7





#33

1,2-Dichloroethane-d4

Concen: 54.100 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080285.D

Acq: 27 Nov 2023 19:10

Instrument :

MSVOA_N

ClientSampleId :

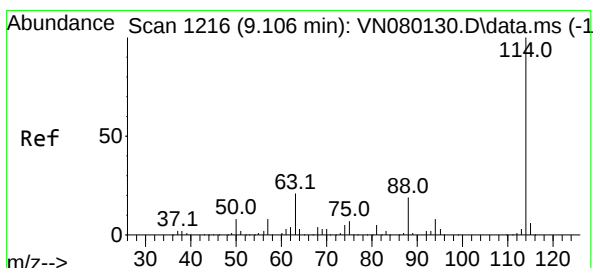
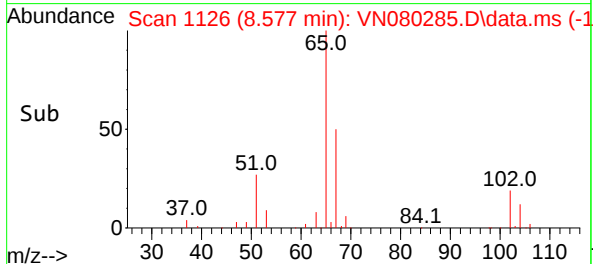
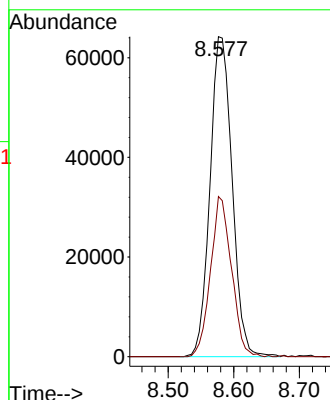
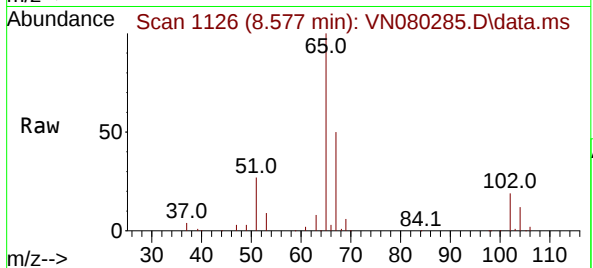
TB11272023

Tgt Ion: 65 Resp: 150279

Ion Ratio Lower Upper

65 100

67 47.5 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: VN080285.D

Acq: 27 Nov 2023 19:10

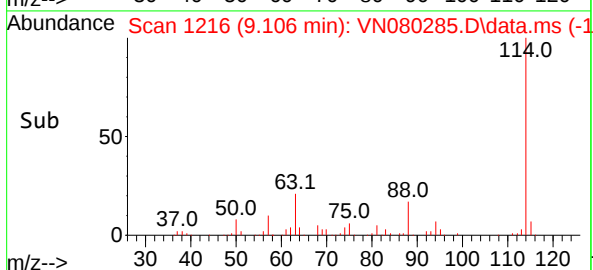
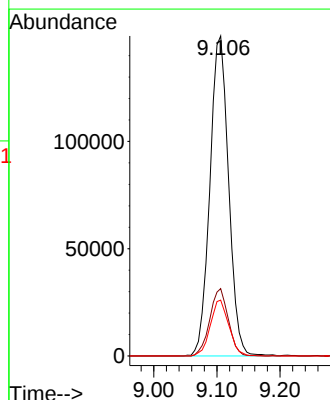
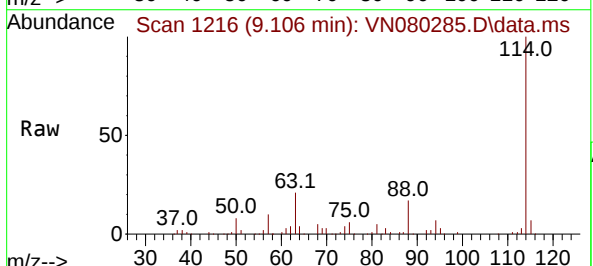
Tgt Ion: 114 Resp: 306991

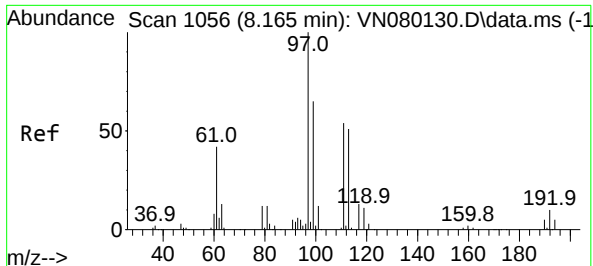
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.4 0.0 30.6

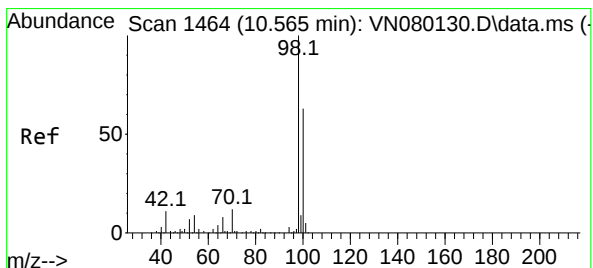
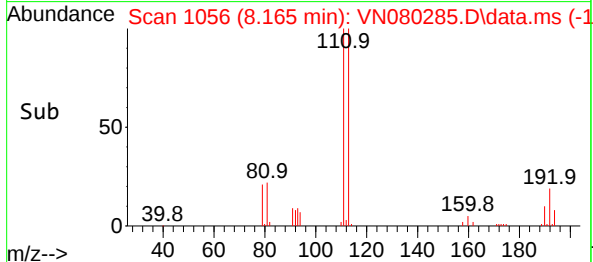
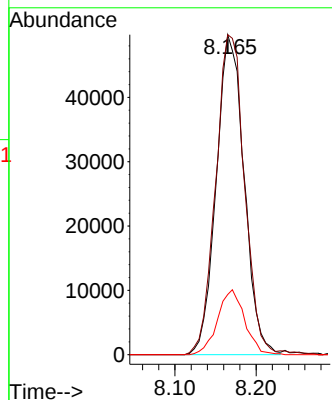
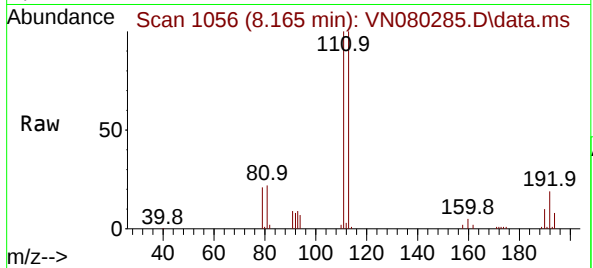




#35
Dibromofluoromethane
Concen: 52.323 ug/l
RT: 8.165 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

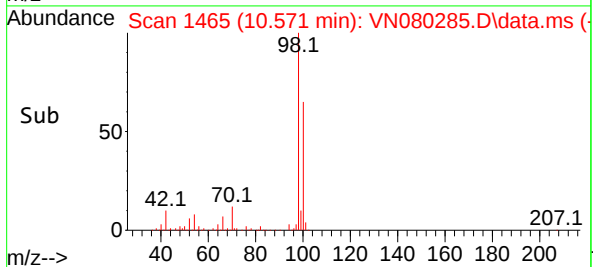
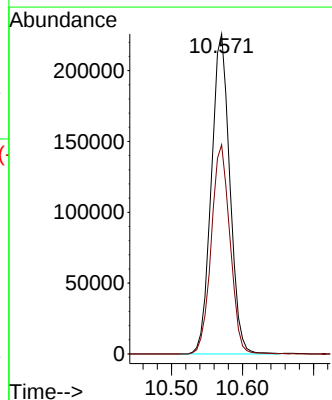
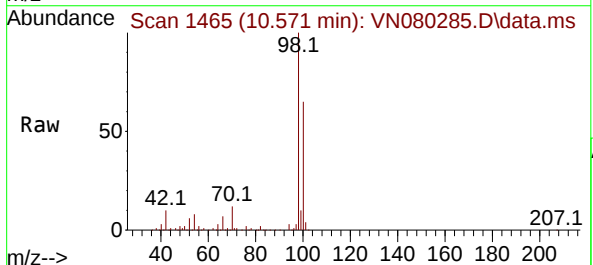
Instrument :
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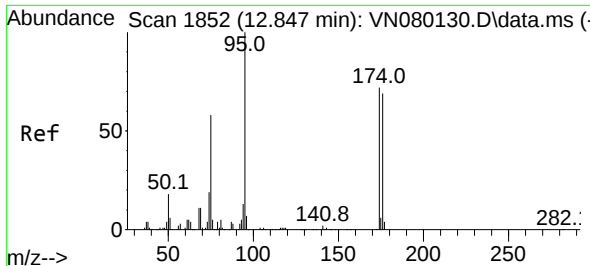
Tgt Ion:113 Resp: 118521
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.8 12.7 19.1#



#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 98 Resp: 407809
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

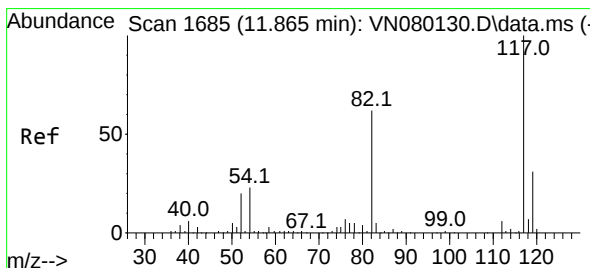
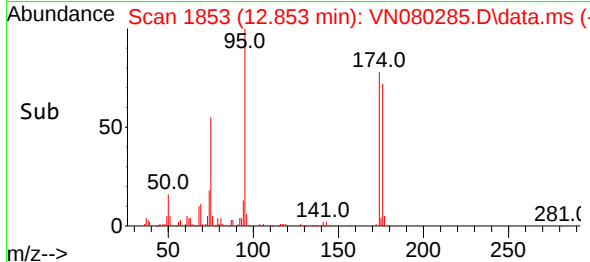
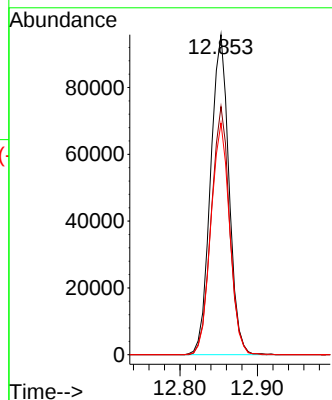
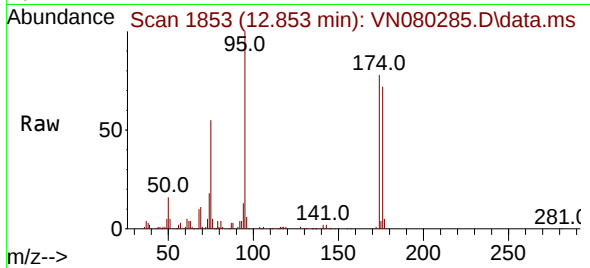




#62
4-Bromofluorobenzene
Concen: 51.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

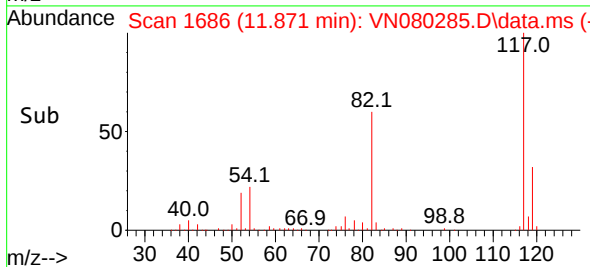
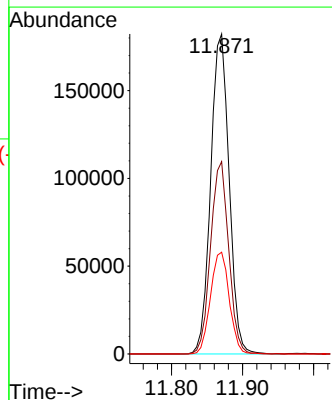
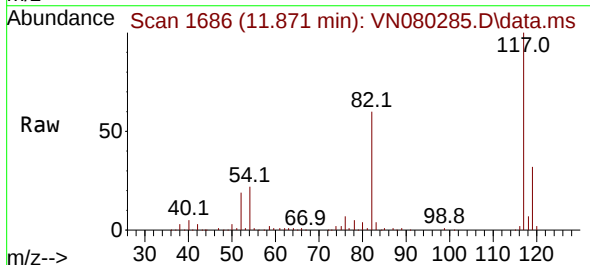
Instrument :
MSVOA_N
ClientSampleId :
TB11272023

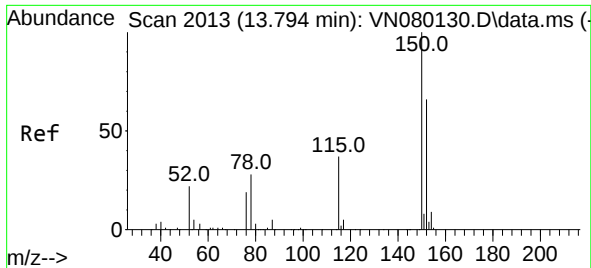
Tgt Ion: 95 Resp: 157916
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080285.D
Acq: 27 Nov 2023 19:10

Tgt Ion: 117 Resp: 327534
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 31.8 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: VN080285.D
 Acq: 27 Nov 2023 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TB11272023

Tgt Ion:152 Resp: 140110
 Ion Ratio Lower Upper
 152 100
 115 65.4 32.3 96.8
 150 158.5 0.0 355.8

