

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078284.D
 Acq On : 19 Jun 2023 17:01
 Operator : JC\MD
 Sample : 03310-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-EB-20230613

Quant Time: Jun 20 01:30:44 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)

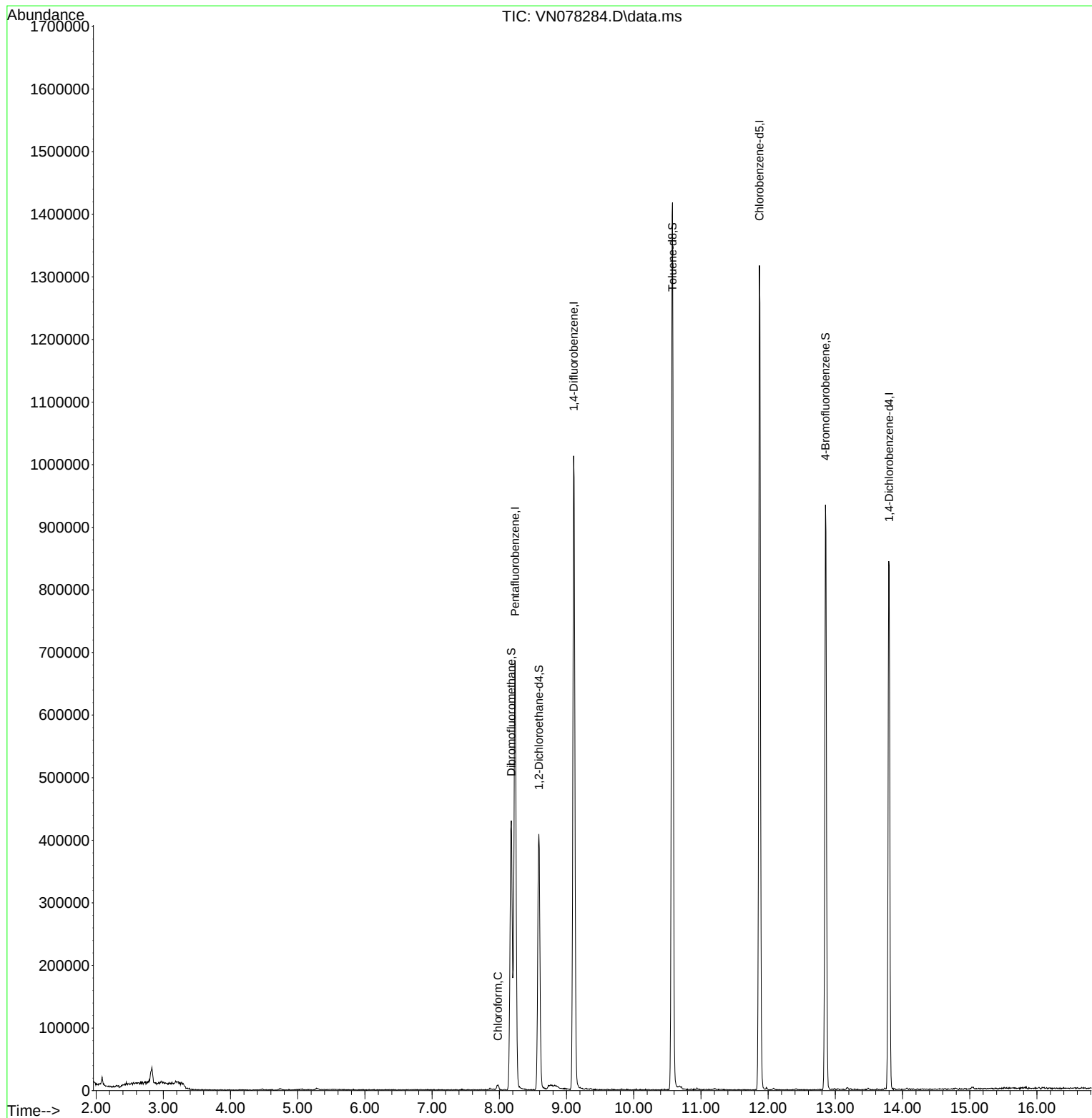
Internal Standards						
1) Pentafluorobenzene	8.236	168	490878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	900919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	781839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	340115	51.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.940%
35) Dibromofluoromethane	8.177	113	316403	55.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.080%
50) Toluene-d8	10.577	98	1038081	47.271	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.853	95	328542	48.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
30) Chloroform	7.977	83	7949	0.727	ug/l	99

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

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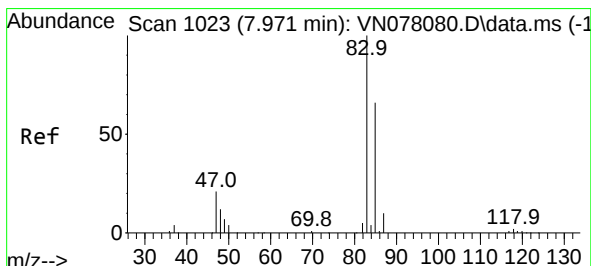
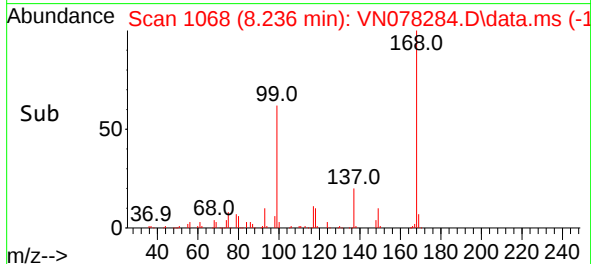
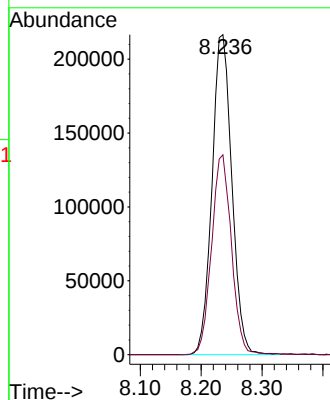
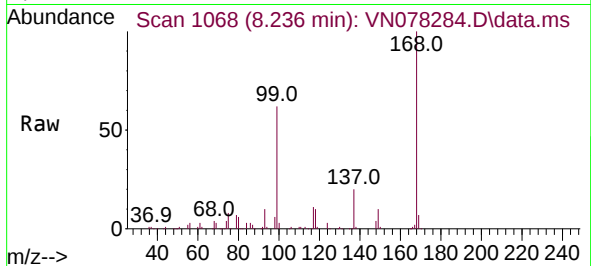




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

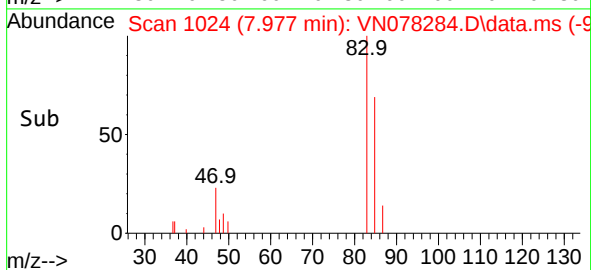
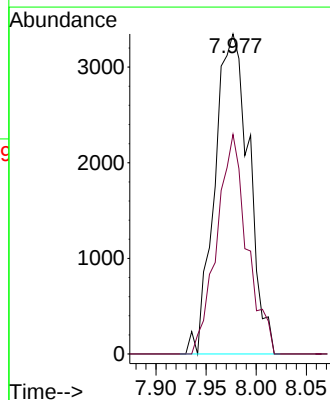
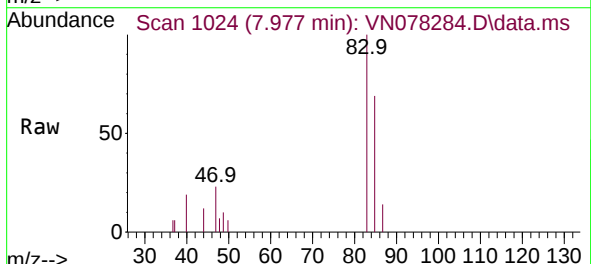
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-EB-20230613

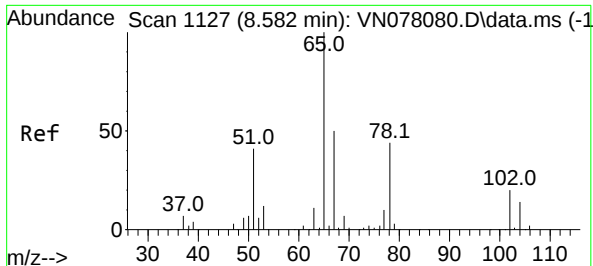
Tgt Ion:168 Resp: 490878
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#30
Chloroform
Concen: 0.727 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

Tgt Ion: 83 Resp: 7949
Ion Ratio Lower Upper
83 100
85 68.6 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 51.966 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078284.D

Acq: 19 Jun 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

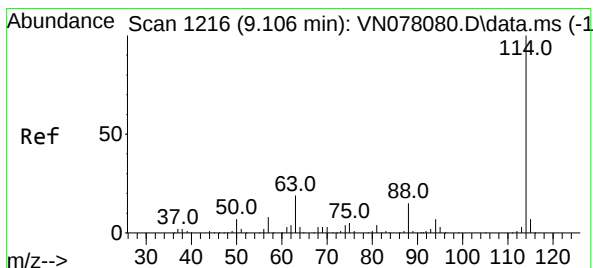
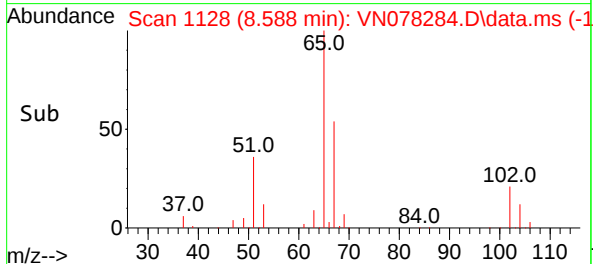
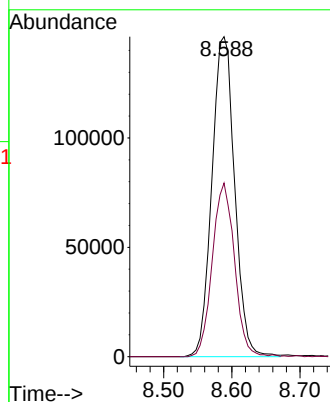
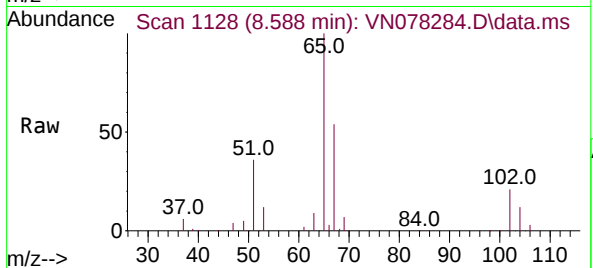
BP-VPB-RW11-EB-20230613

Tgt Ion: 65 Resp: 340115

Ion Ratio Lower Upper

65 100

67 52.7 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: VN078284.D

Acq: 19 Jun 2023 17:01

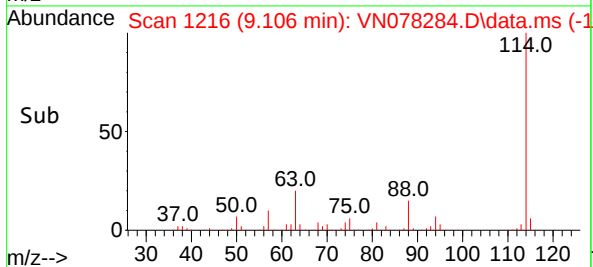
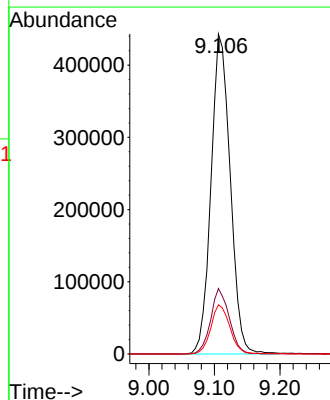
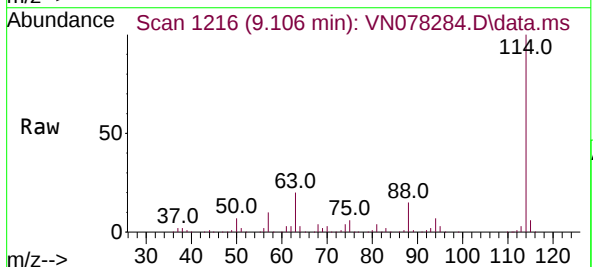
Tgt Ion: 114 Resp: 900919

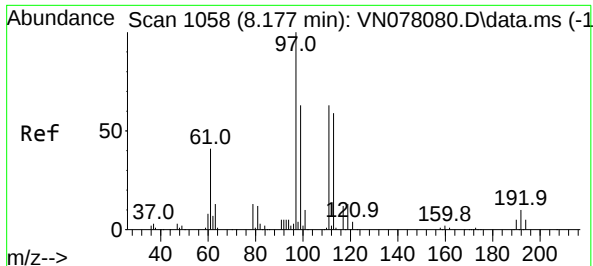
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.3 0.0 30.6

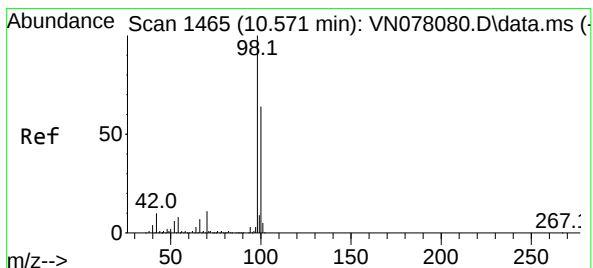
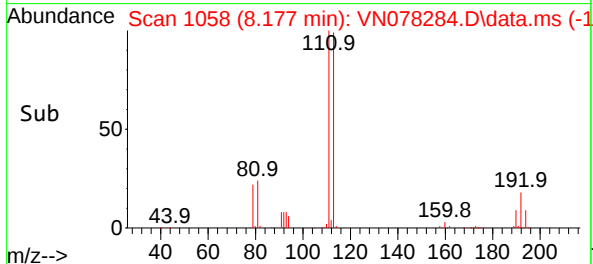
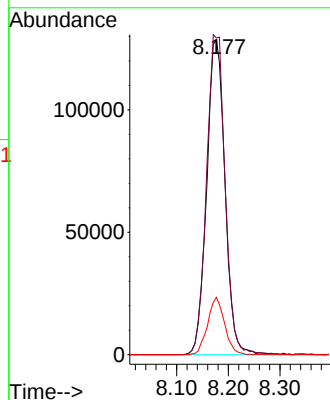
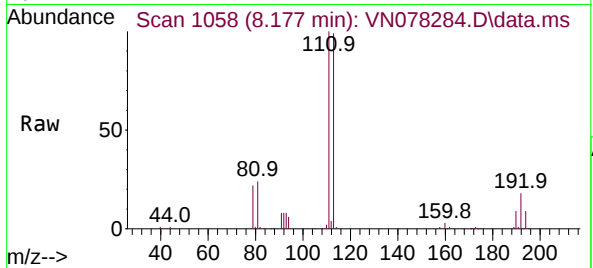




#35
Dibromofluoromethane
Concen: 55.544 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

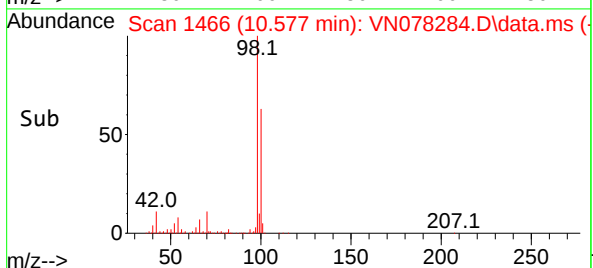
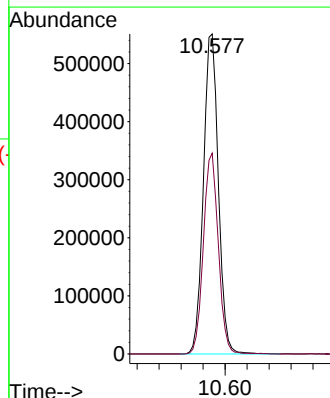
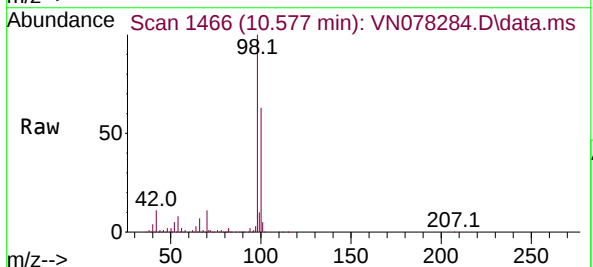
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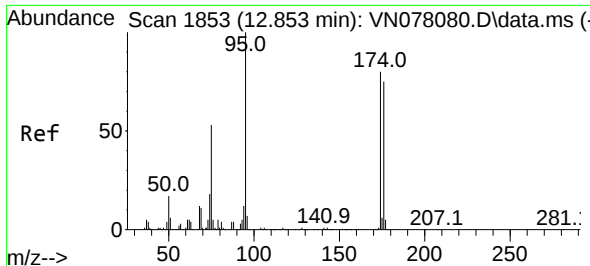
Tgt Ion:113 Resp: 316403
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.9 12.7 19.1



#50
Toluene-d8
Concen: 47.271 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

Tgt Ion: 98 Resp: 1038081
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

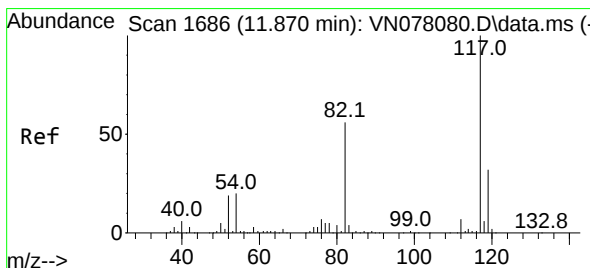
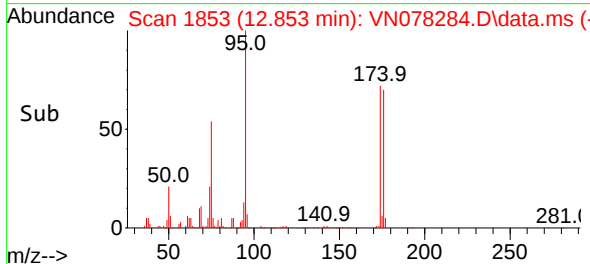
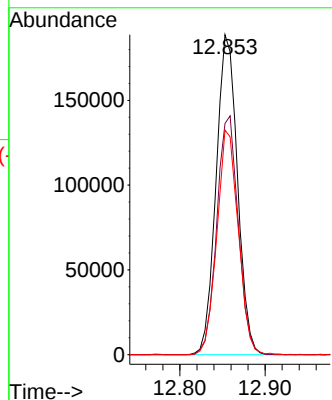
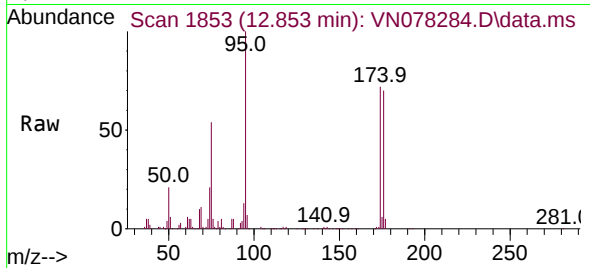




#62
4-Bromofluorobenzene
Concen: 48.125 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

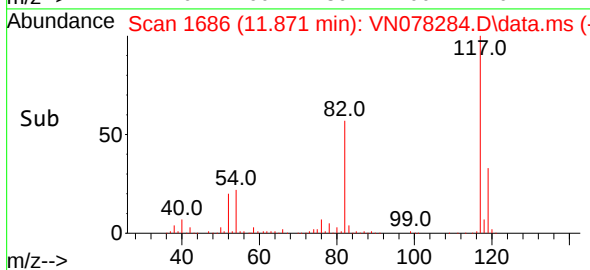
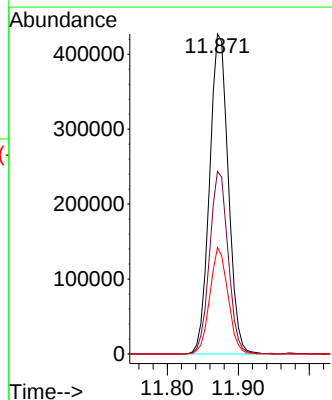
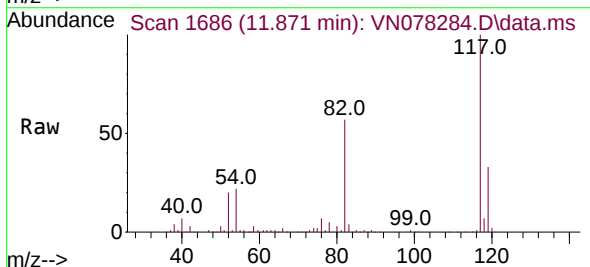
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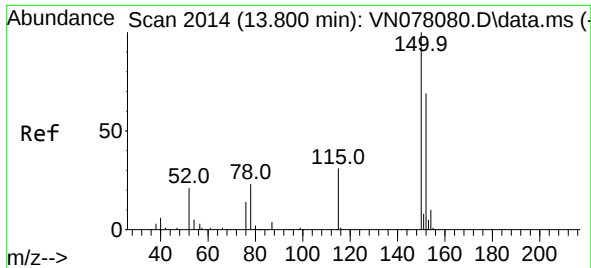
Tgt Ion: 95 Resp: 328542
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078284.D
Acq: 19 Jun 2023 17:01

Tgt Ion: 117 Resp: 781839
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 33.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078284.D

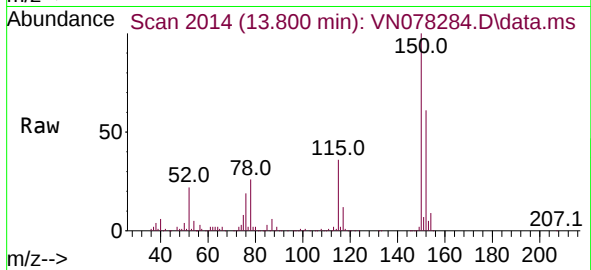
Acq: 19 Jun 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-EB-20230613



Tgt Ion:152 Resp: 236246

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 157.3 0.0 355.8

