

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077774.D
 Acq On : 19 May 2023 19:09
 Operator : JC\MD
 Sample : 02862-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-278-280

Quant Time: May 19 23:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

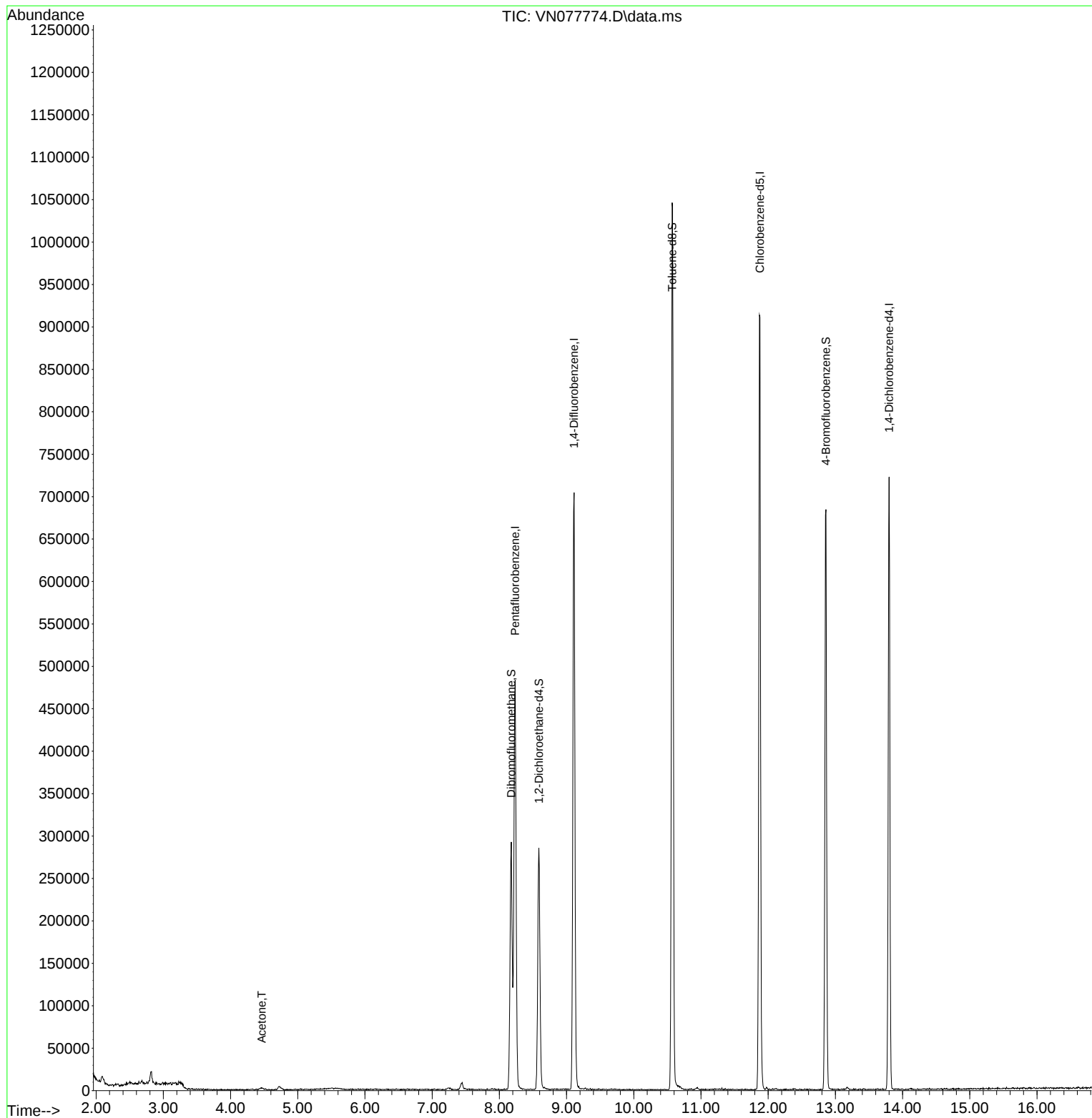
Internal Standards						
1) Pentafluorobenzene	8.235	168	355908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	632053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	561597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	234967	44.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.240%
35) Dibromofluoromethane	8.177	113	203710	49.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	10.571	98	786490	49.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.859	95	250738	44.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
16) Acetone	4.465	43	3744	2.235	ug/l	Qvalue 95

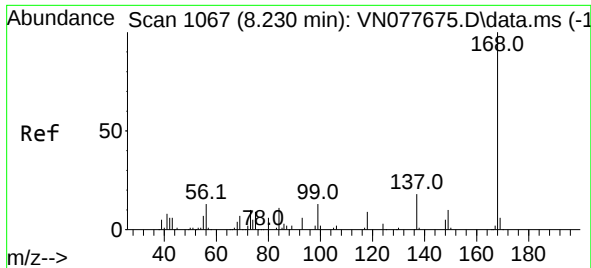
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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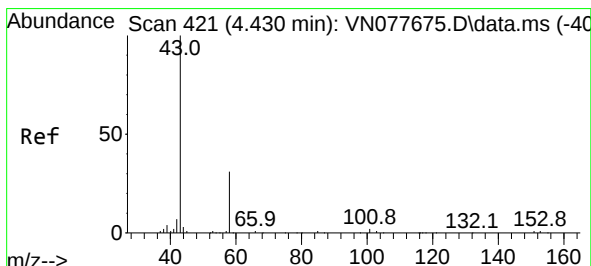
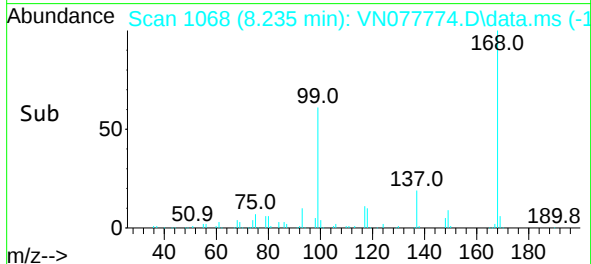
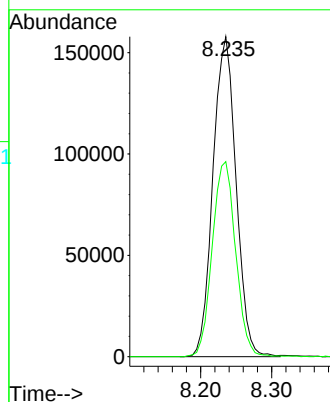
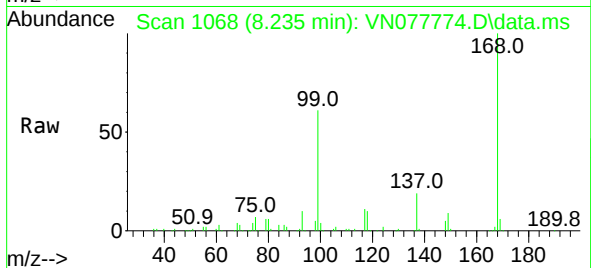




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

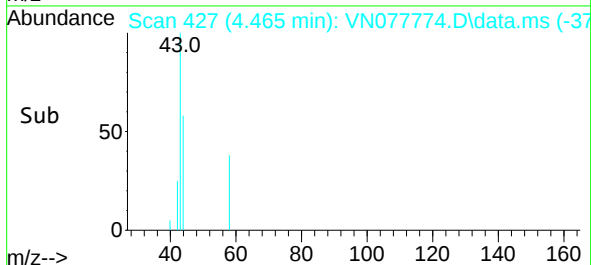
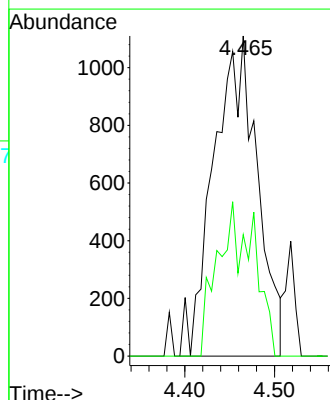
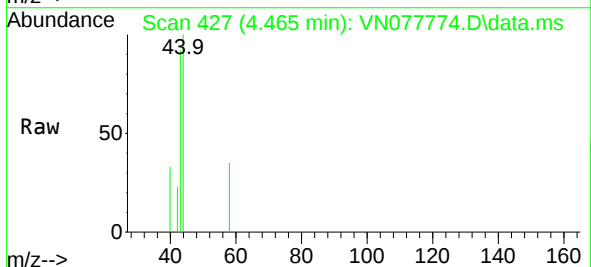
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-278-280

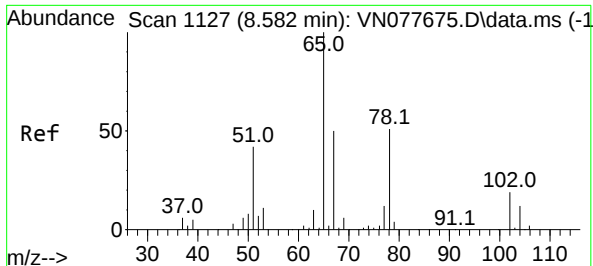
Tgt Ion:168 Resp: 355908
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 2.235 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

Tgt Ion: 43 Resp: 3744
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 44.123 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077774.D

Acq: 19 May 2023 19:09

Instrument :

MSVOA_N

ClientSampleId :

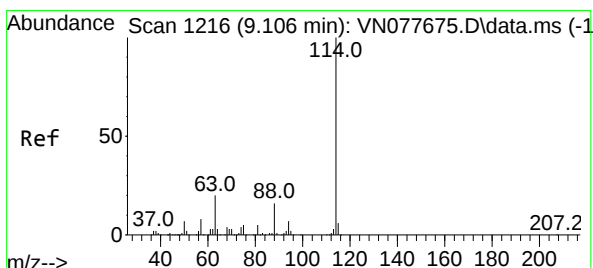
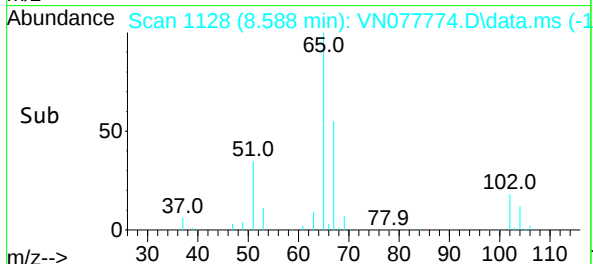
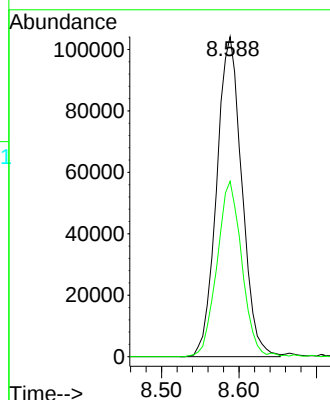
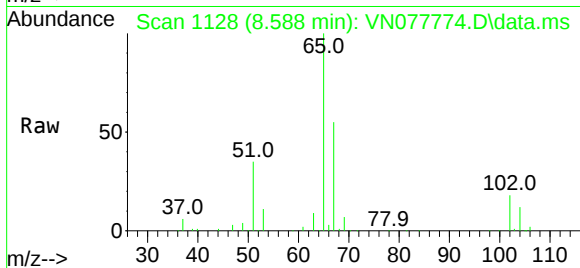
BP-VPB-RW11-GW-278-280

Tgt Ion: 65 Resp: 234967

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077774.D

Acq: 19 May 2023 19:09

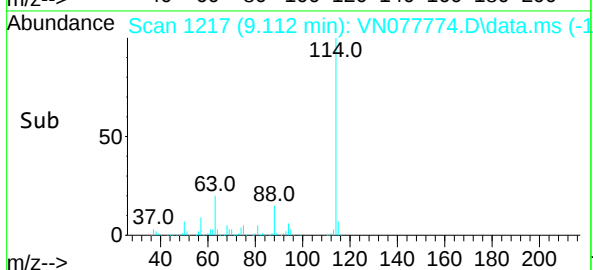
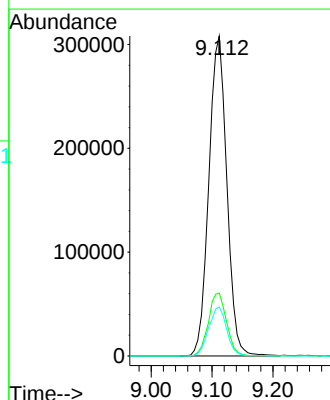
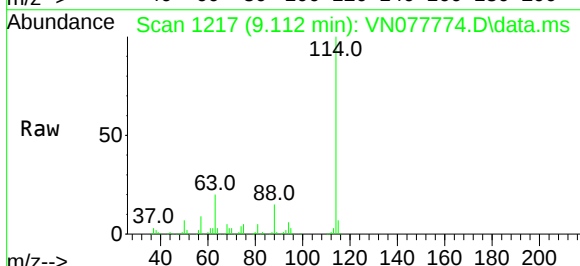
Tgt Ion: 114 Resp: 632053

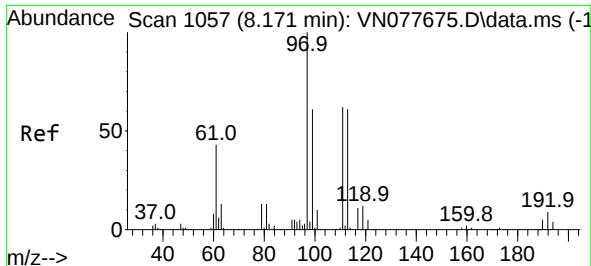
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.3 0.0 30.6

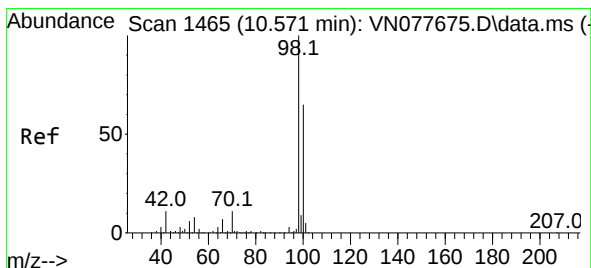
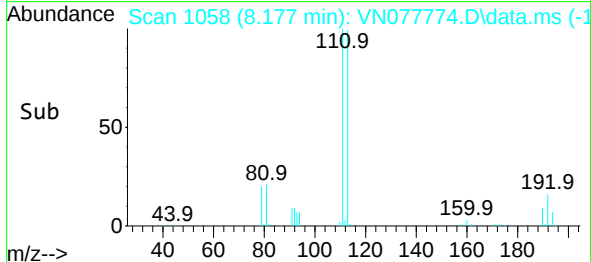
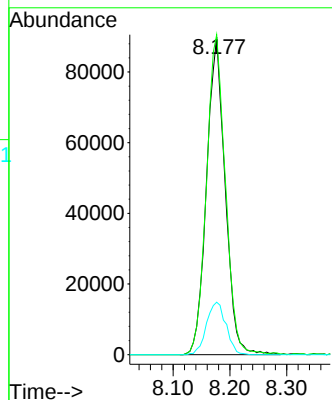
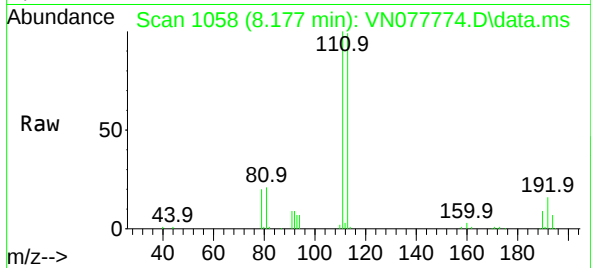




#35
Dibromofluoromethane
Concen: 49.426 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

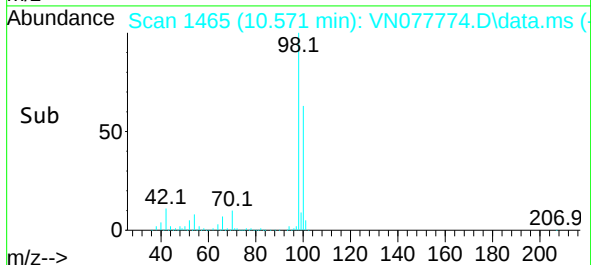
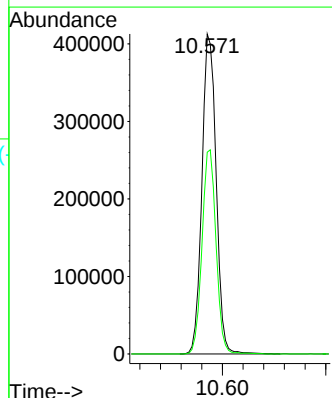
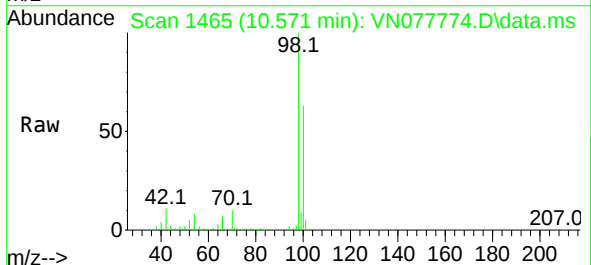
Instrument :
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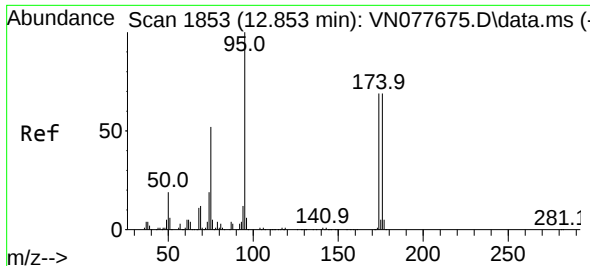
Tgt Ion:113 Resp: 203710
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.4 12.7 19.1



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

Tgt Ion: 98 Resp: 786490
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

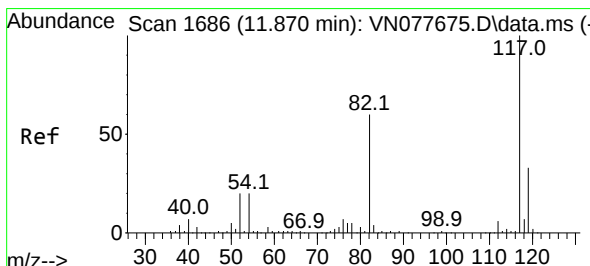
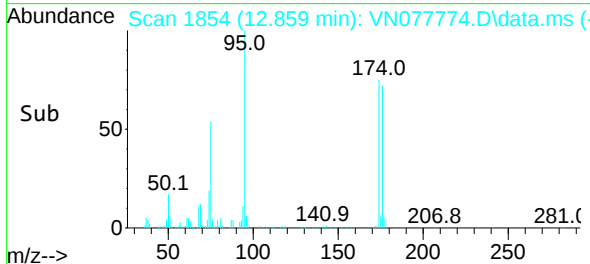
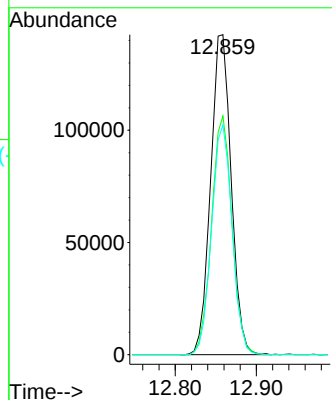
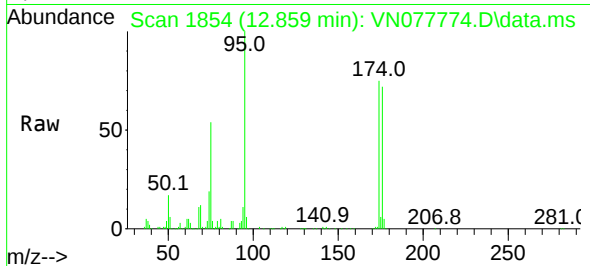




#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

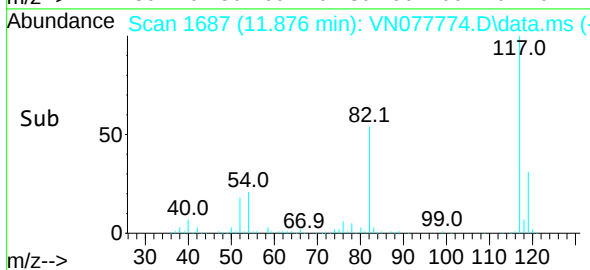
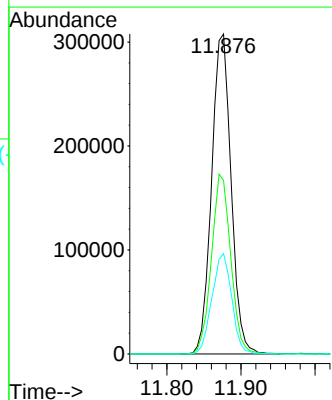
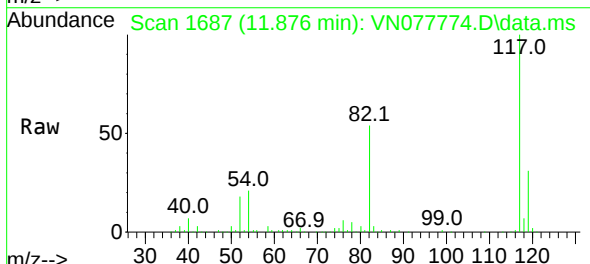
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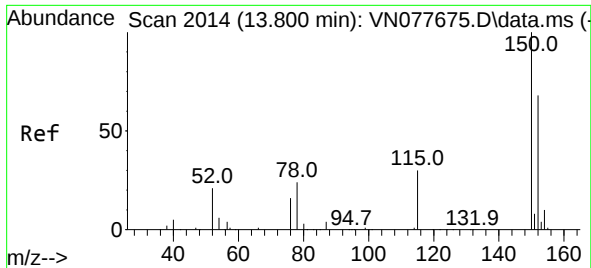
Tgt Ion: 95 Resp: 250738
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077774.D
Acq: 19 May 2023 19:09

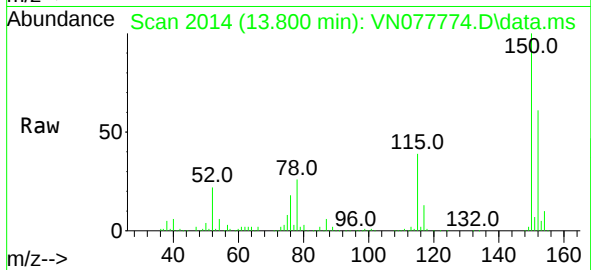
Tgt Ion: 117 Resp: 561597
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077774.D
 Acq: 19 May 2023 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-278-280



Tgt Ion:152 Resp: 194717
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 156.6 0.0 355.8

