

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077992.D
 Acq On : 31 May 2023 14:56
 Operator : JC\MD
 Sample : 02973-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-20230526

Quant Time: Jun 01 01:52:15 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)

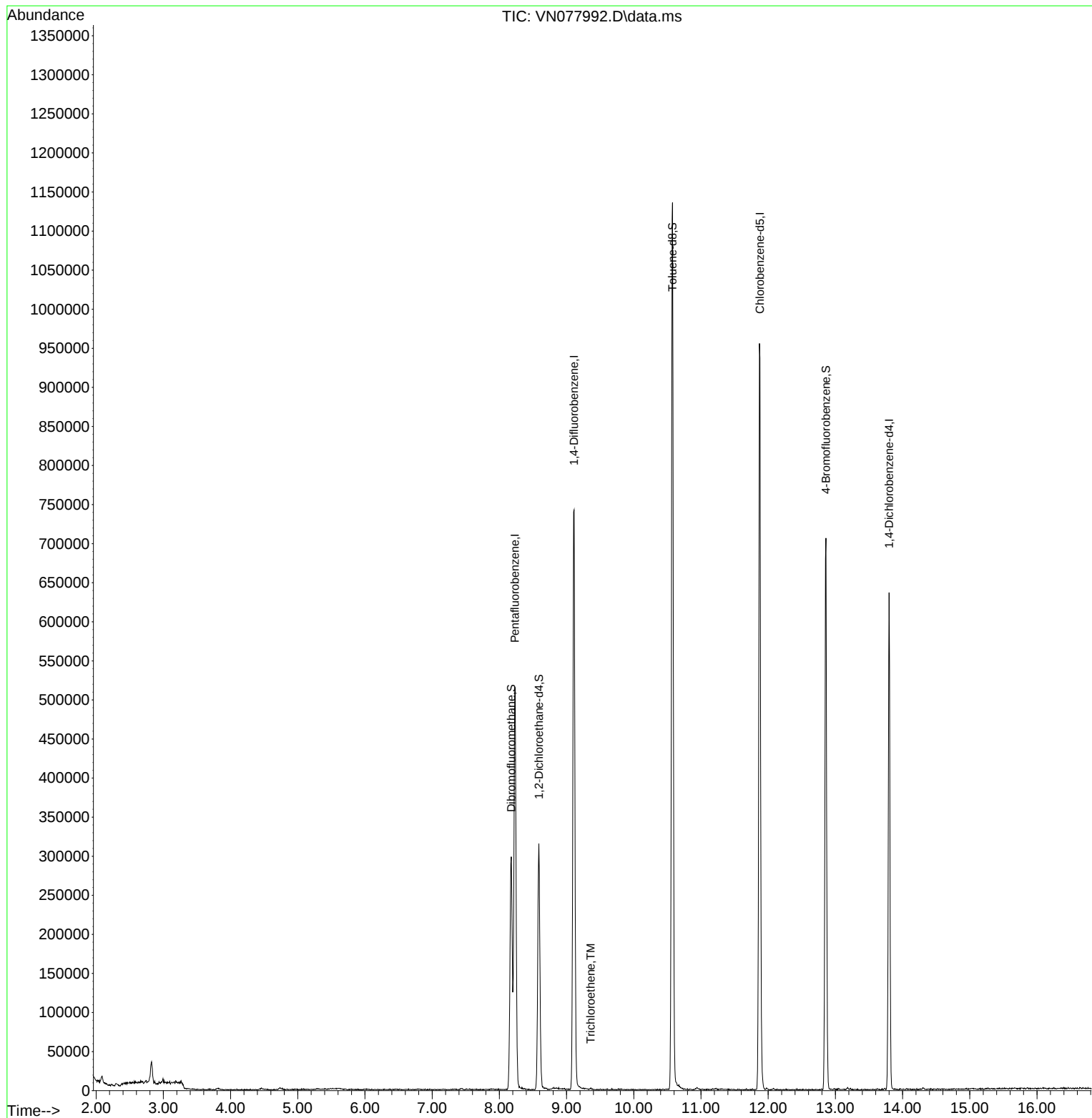
Internal Standards						
1) Pentafluorobenzene	8.229	168	368962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	671923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	575993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	167251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	255862	46.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.700%
35) Dibromofluoromethane	8.177	113	220059	50.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	10.576	98	827688	49.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.859	95	250919	42.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.260%
Target Compounds						Qvalue
44) Trichloroethene	9.359	130	981	0.205	ug/l	86

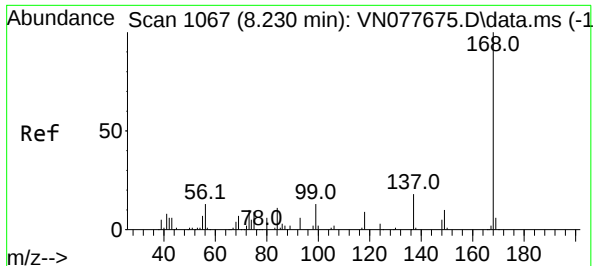
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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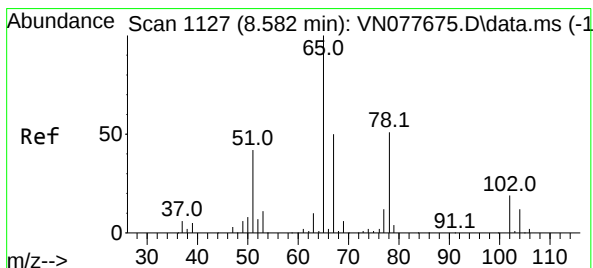
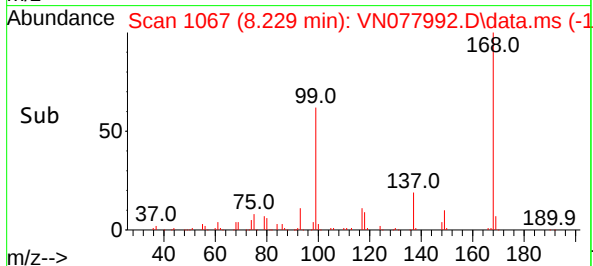
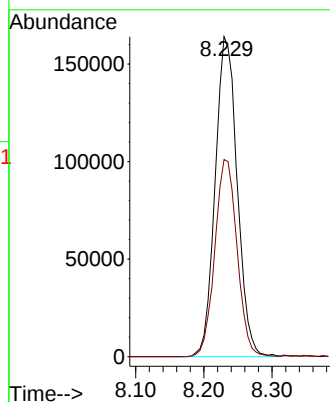
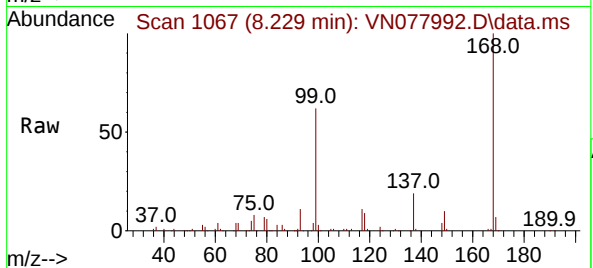




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

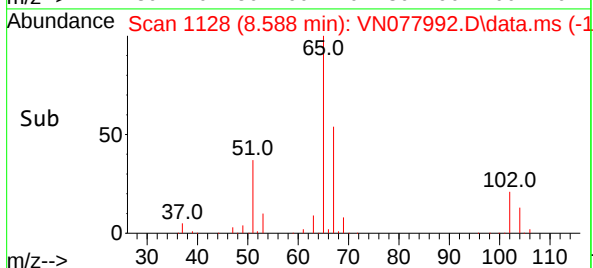
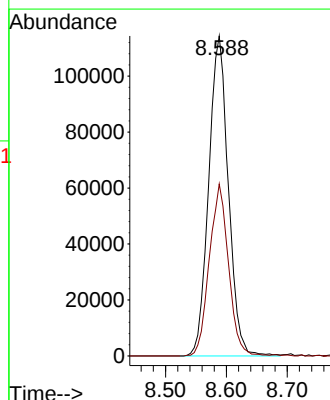
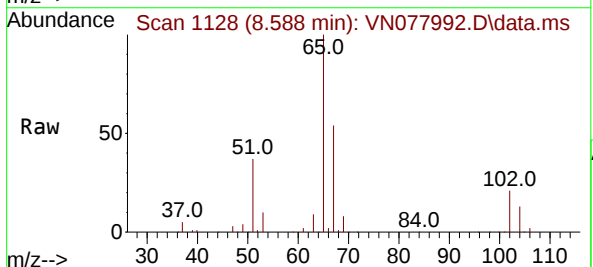
Instrument :
MSVOA_N
ClientSampleId :
SPRING-20230526

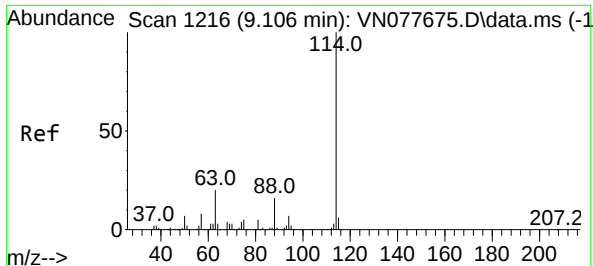
Tgt Ion:168 Resp: 368962
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.347 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

Tgt Ion: 65 Resp: 255862
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

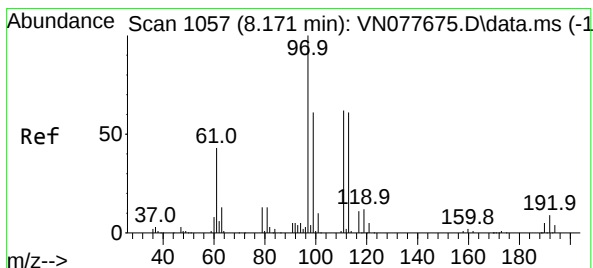
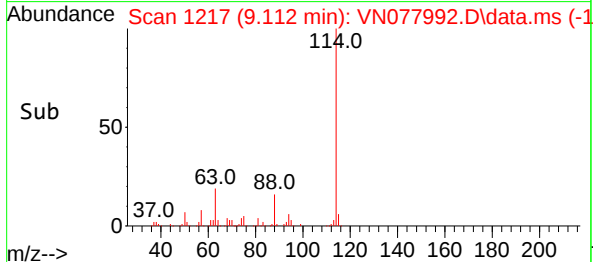
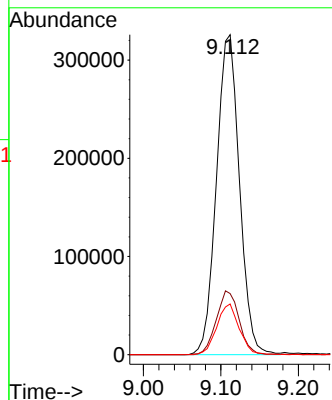
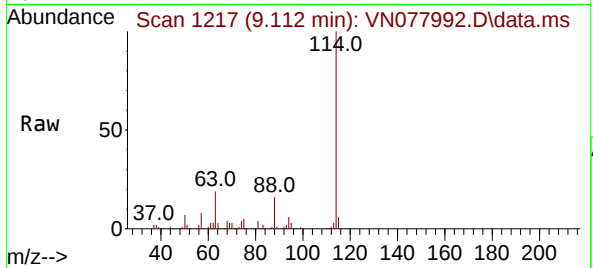




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

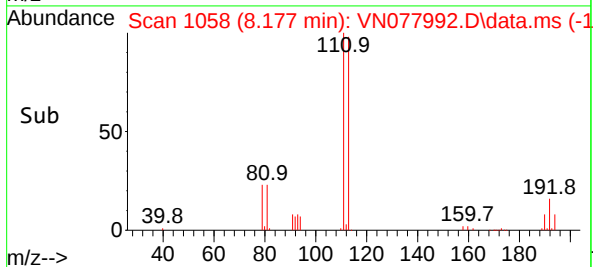
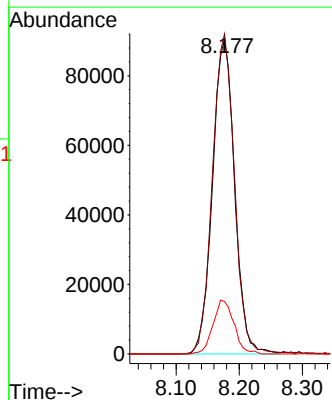
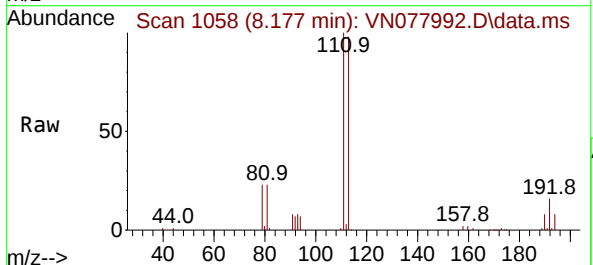
Instrument :
MSVOA_N
ClientSampleId :
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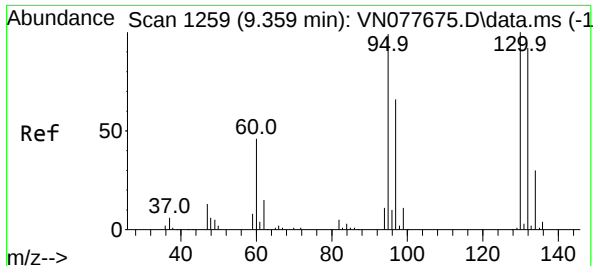
Tgt Ion:114 Resp: 671923
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

Tgt Ion:113 Resp: 220059
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.2 12.7 19.1

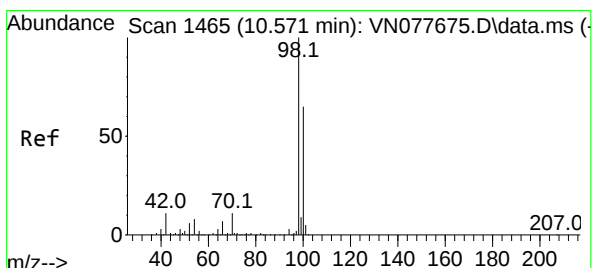
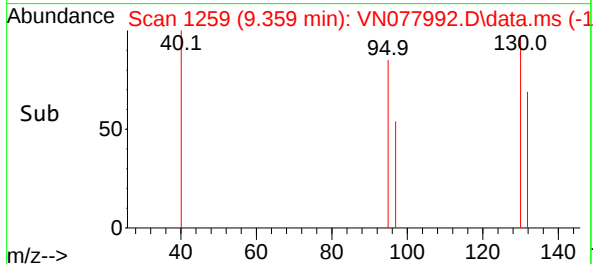
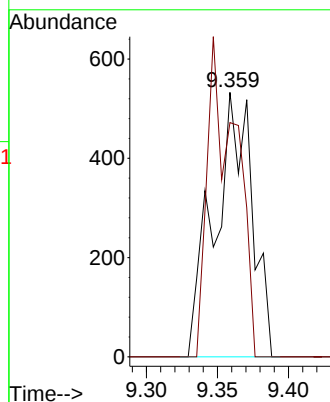
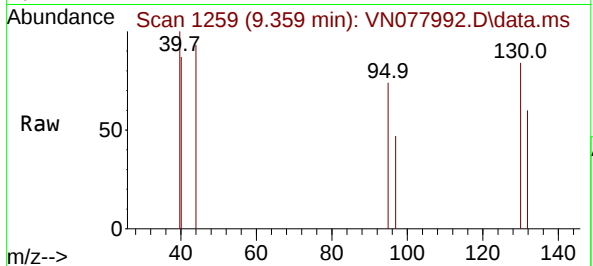




#44
Trichloroethene
Concen: 0.205 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

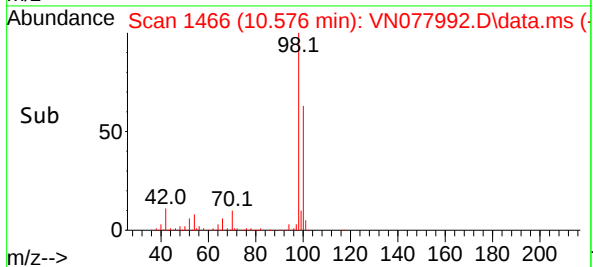
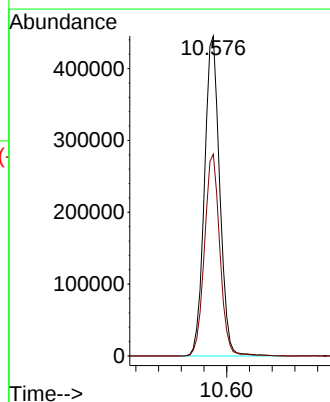
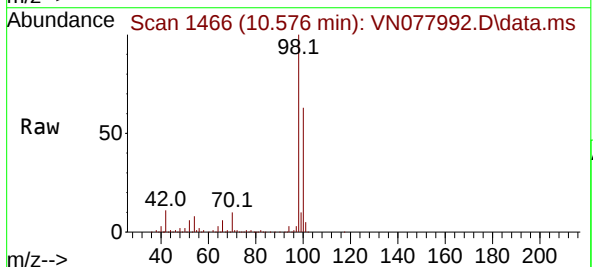
Instrument :
MSVOA_N
ClientSampleId :
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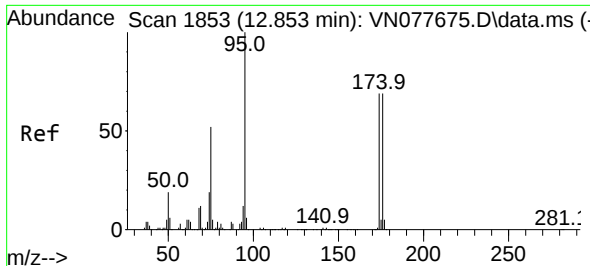
Tgt Ion:130 Resp: 981
Ion Ratio Lower Upper
130 100
95 88.6 0.0 204.6



#50
Toluene-d8
Concen: 49.078 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

Tgt Ion: 98 Resp: 827688
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

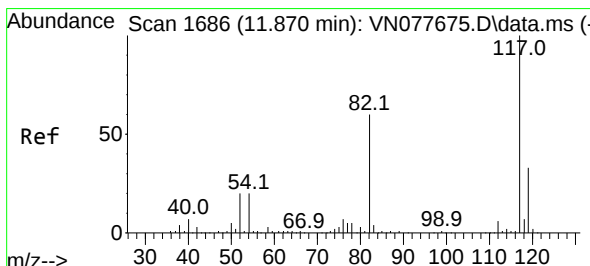
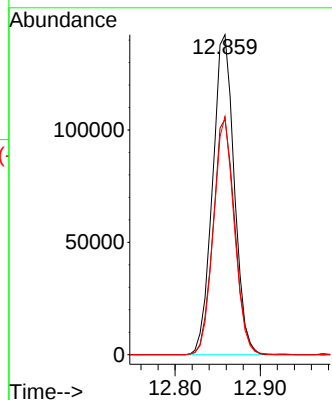
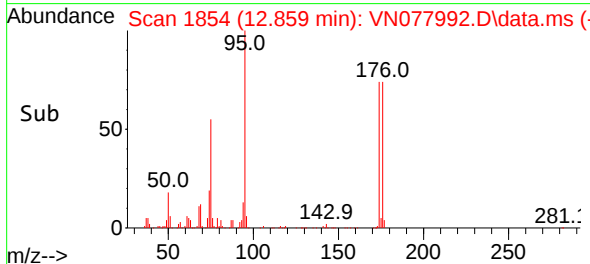
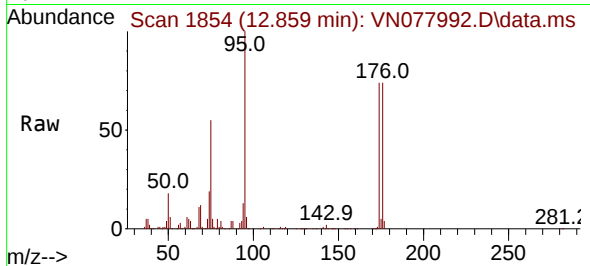




#62
4-Bromofluorobenzene
Concen: 42.127 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

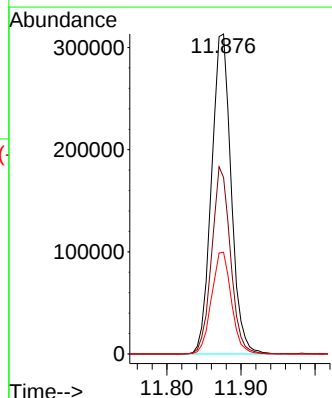
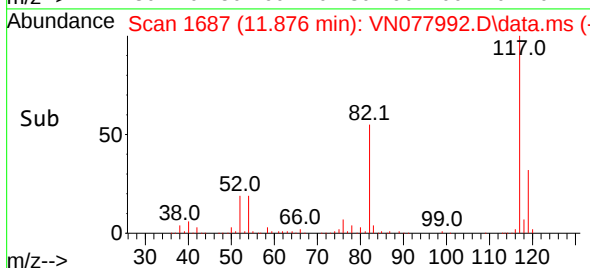
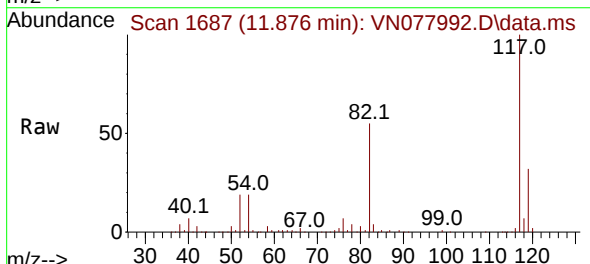
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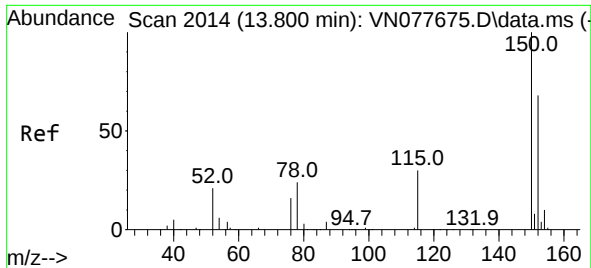
Tgt Ion: 95 Resp: 250919
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077992.D
Acq: 31 May 2023 14:56

Tgt Ion: 117 Resp: 575993
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.8 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: VN077992.D

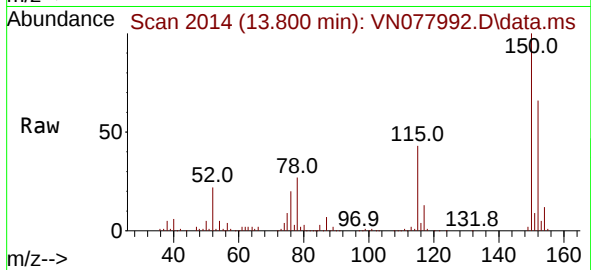
Acq: 31 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 167251

Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 156.6 0.0 355.8

