

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077927.D
 Acq On : 26 May 2023 15:05
 Operator : JC\MD
 Sample : 02945-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 29 00:29:27 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	411947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	746120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	646225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197231	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282153	45.776	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.560%
35) Dibromofluoromethane	8.177	113	239995	49.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	10.576	98	922047	49.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.859	95	292873	44.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%

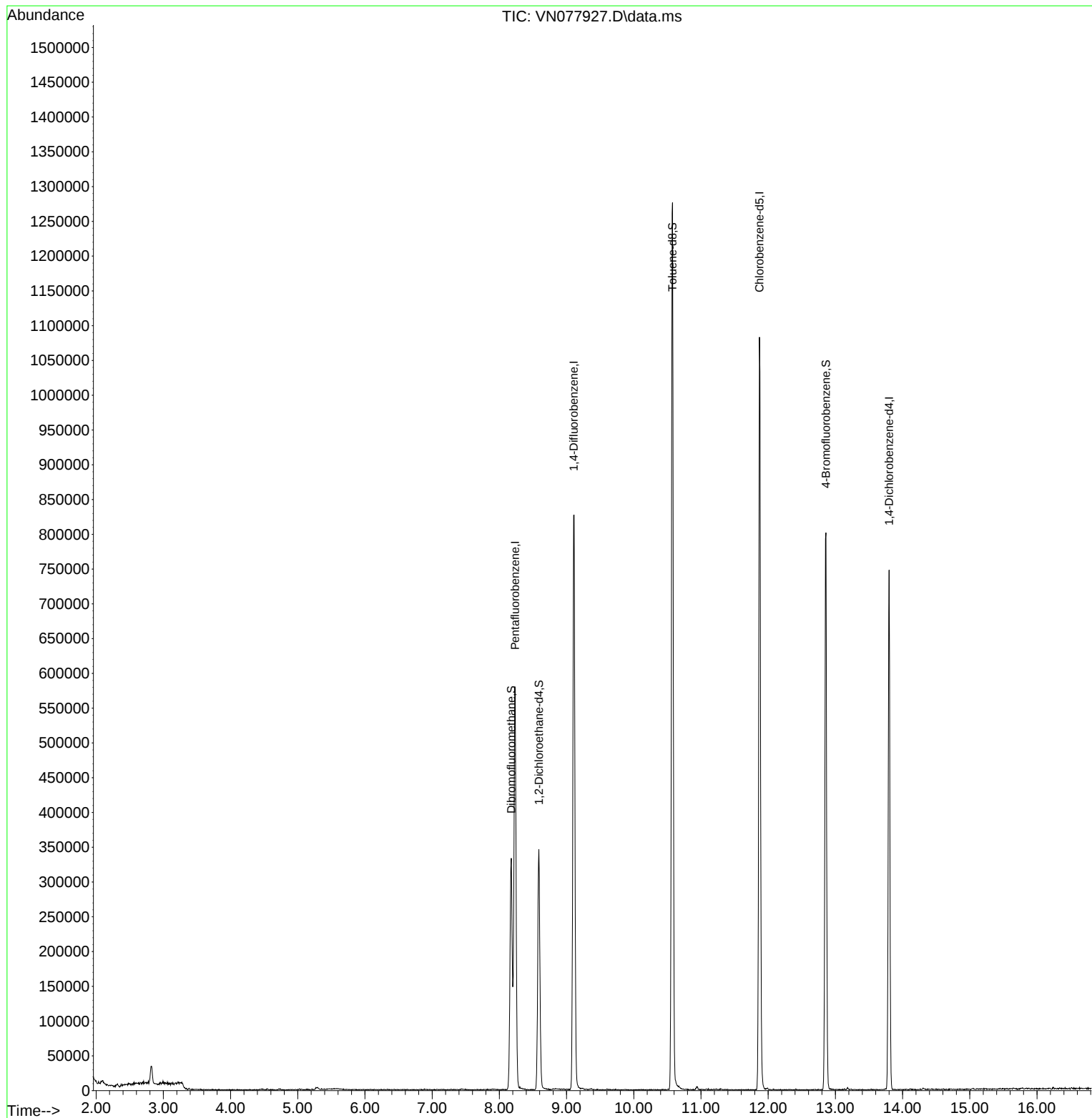
Target Compounds	Qvalue

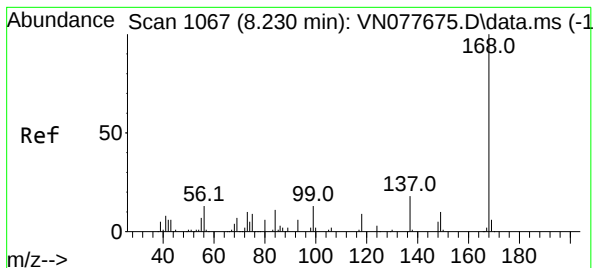
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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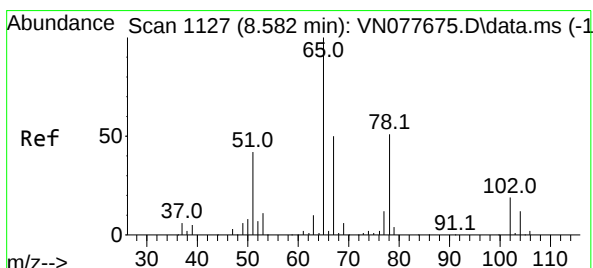
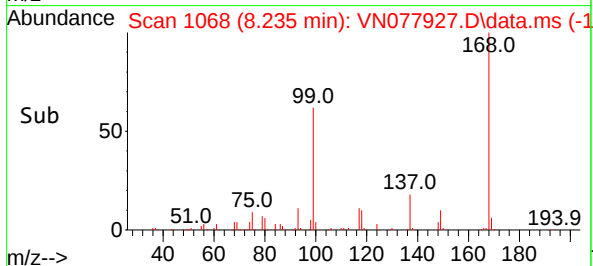
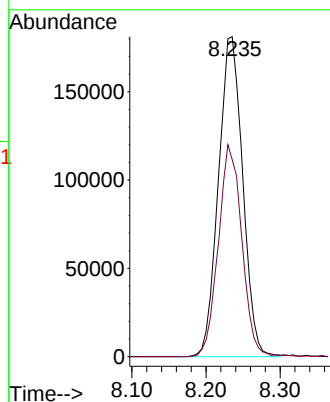
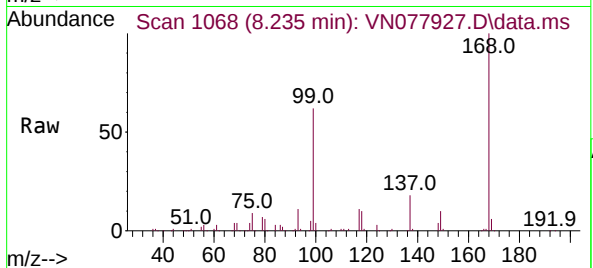




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

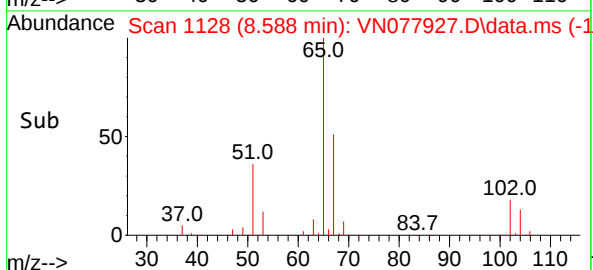
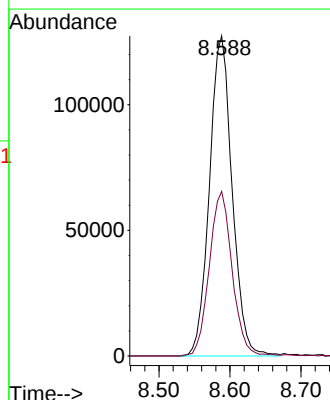
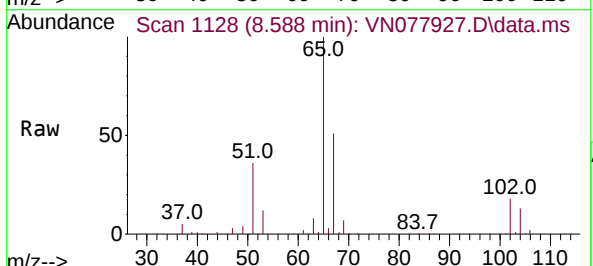
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

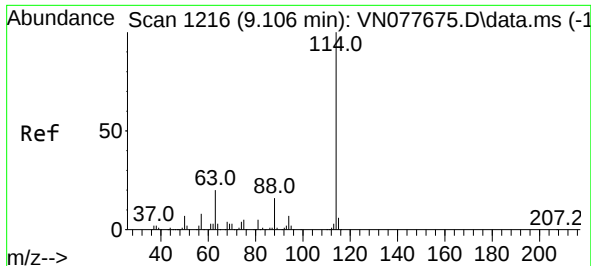
Tgt Ion:168 Resp: 411947
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.776 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

Tgt Ion: 65 Resp: 282153
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

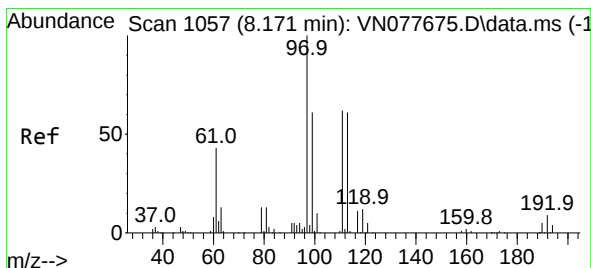
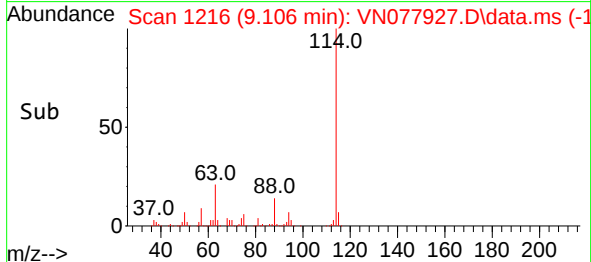
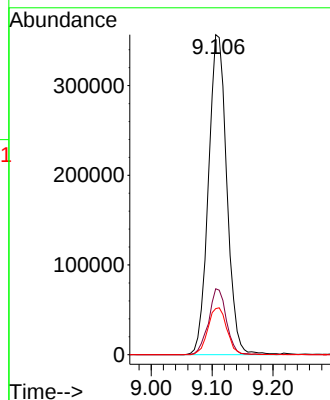
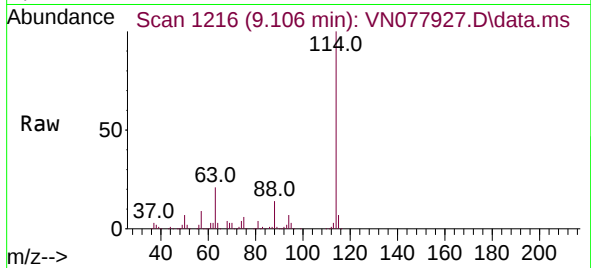




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

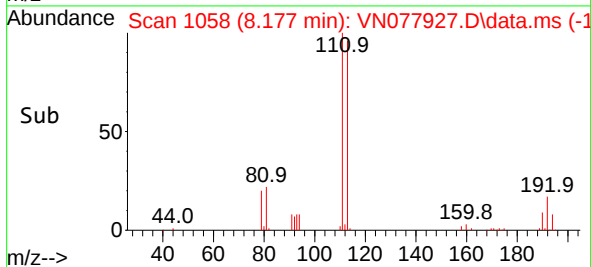
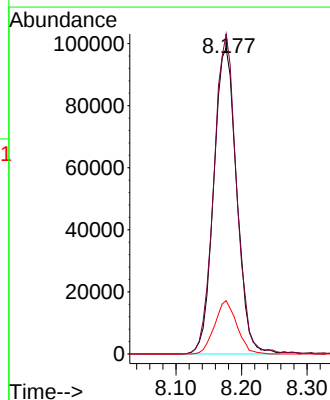
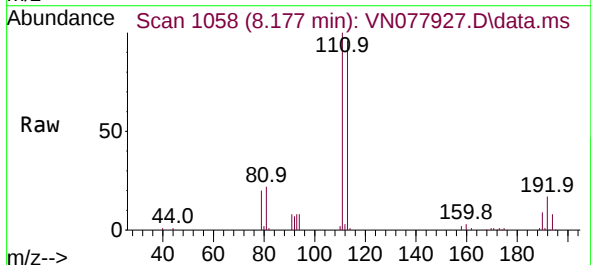
Instrument :
MSVOA_N
ClientSampleId :
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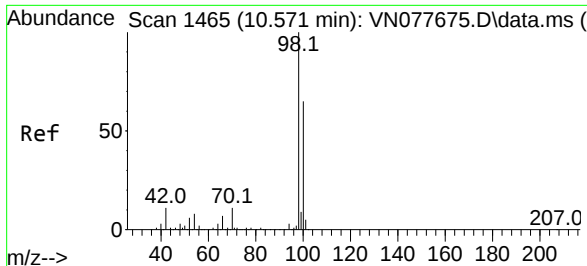
Tgt Ion:114 Resp: 746120
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.327 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

Tgt Ion:113 Resp: 239995
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 16.8 12.7 19.1

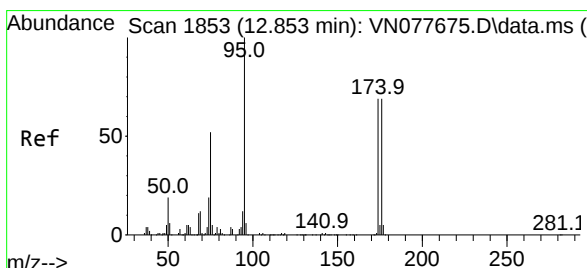
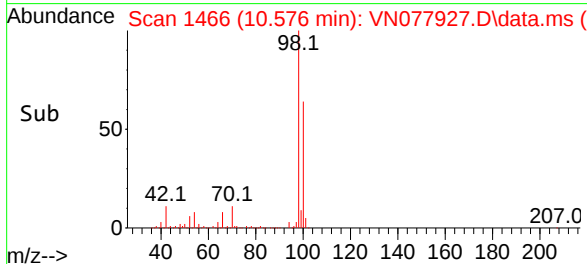
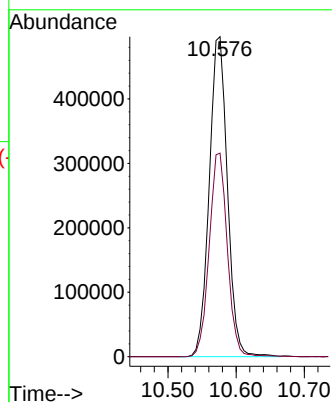
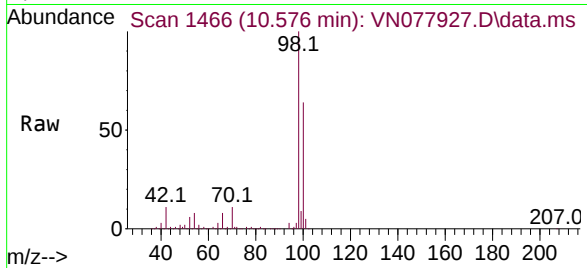




#50
Toluene-d8
Concen: 49.236 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

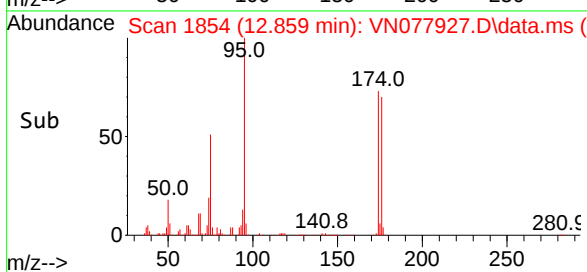
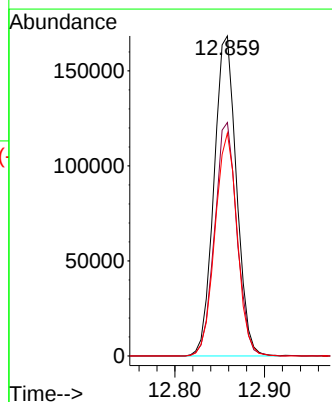
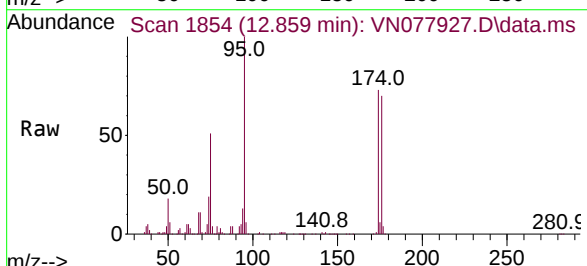
Instrument :
MSVOA_N
ClientSampleId :
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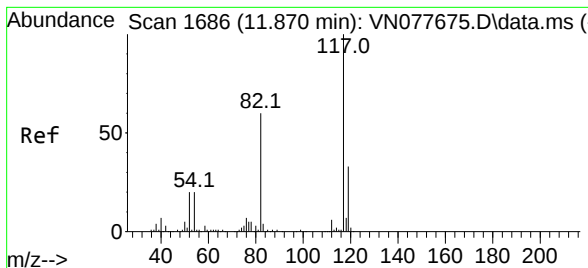
Tgt Ion: 98 Resp: 922047
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.280 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077927.D
Acq: 26 May 2023 15:05

Tgt Ion: 95 Resp: 292873
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077927.D

Acq: 26 May 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

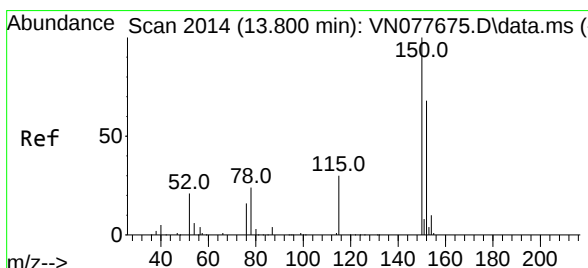
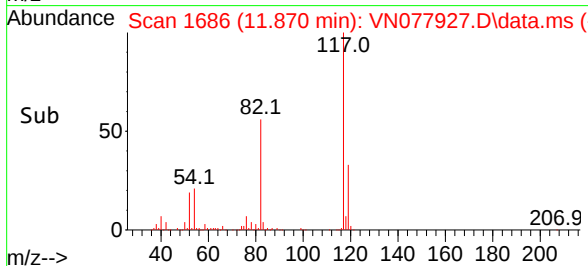
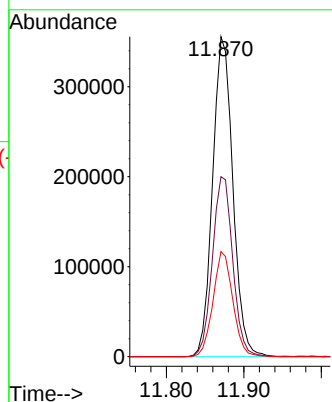
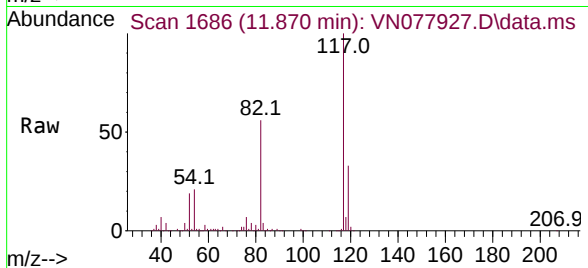
Tgt Ion:117 Resp: 646225

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077927.D

Acq: 26 May 2023 15:05

Tgt Ion:152 Resp: 197231

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.1 0.0 355.8

