

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077959.D
 Acq On : 30 May 2023 10:52
 Operator : JC\MD
 Sample : VN0530MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530MBL01

Quant Time: May 31 02:03:31 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	8.236	168	358715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	657479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	183368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	253513	47.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.460%
35) Dibromofluoromethane	8.177	113	214952	50.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	10.577	98	816287	49.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.859	95	234985	40.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.640%#

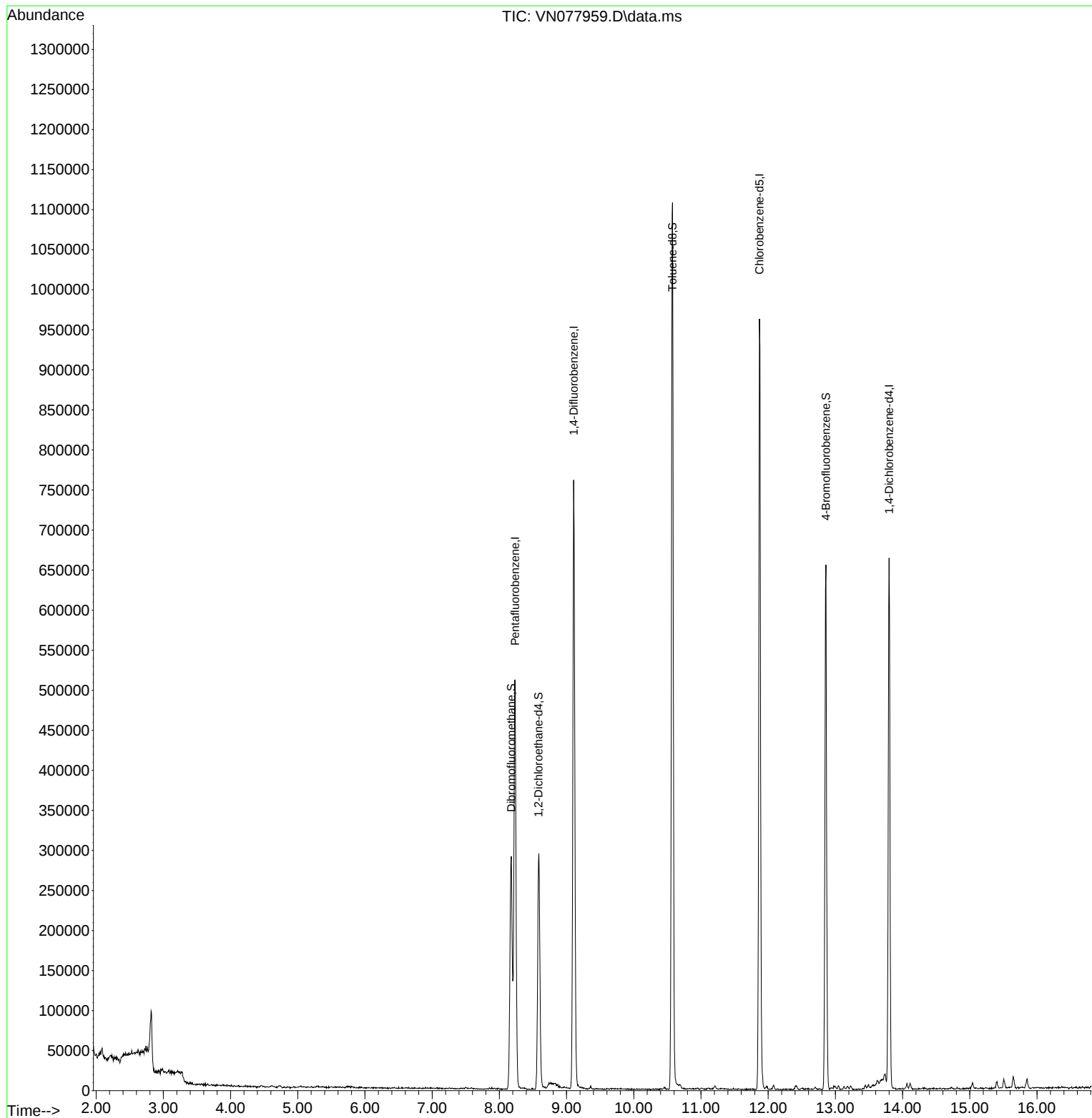
Target Compounds	Qvalue

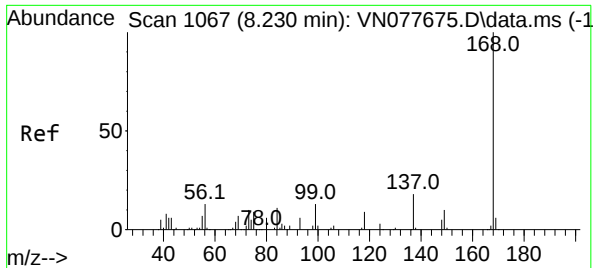
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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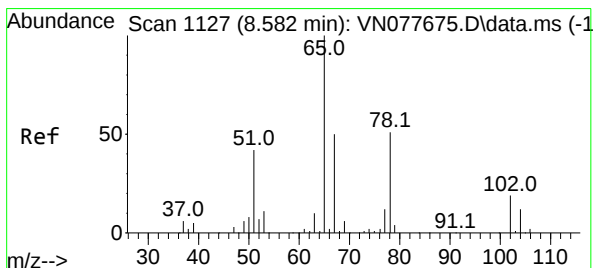
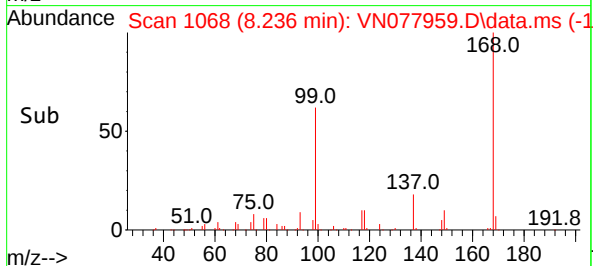
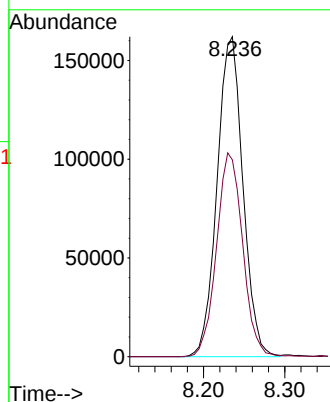
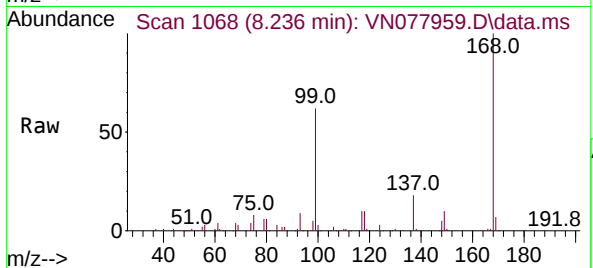




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077959.D
Acq: 30 May 2023 10:52

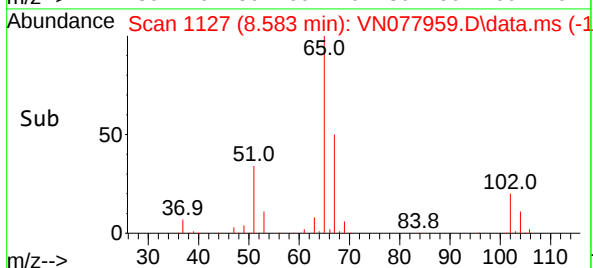
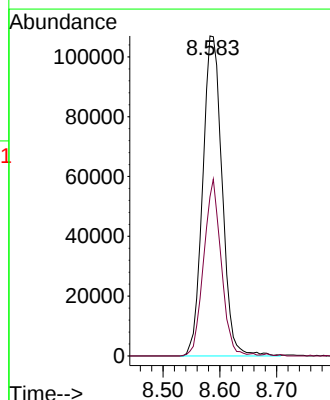
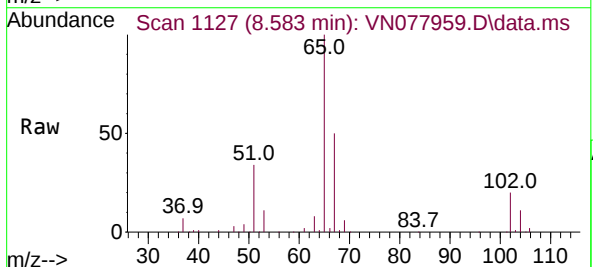
Instrument :
MSVOA_N
ClientSampleId :
VN0530MBL01

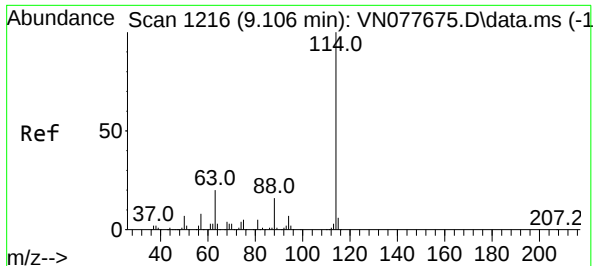
Tgt Ion:168 Resp: 358715
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.233 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077959.D
Acq: 30 May 2023 10:52

Tgt Ion: 65 Resp: 253513
Ion Ratio Lower Upper
65 100
67 50.0 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: VN077959.D

Acq: 30 May 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0530MBL01

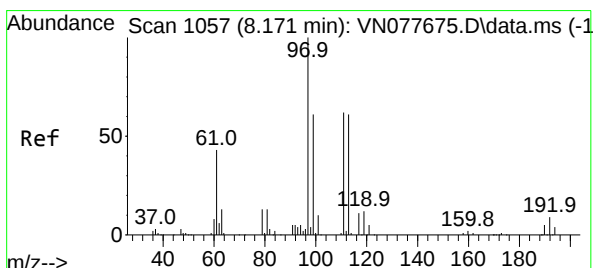
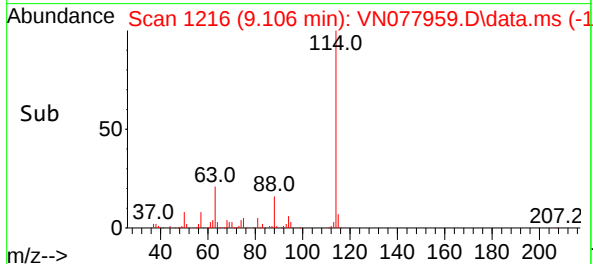
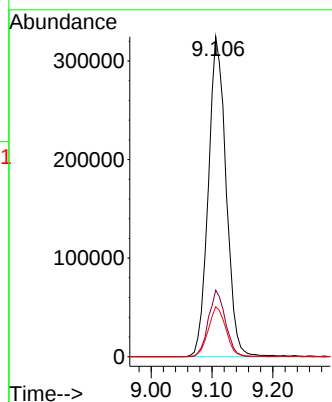
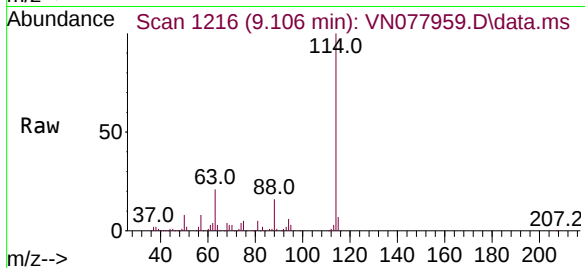
Tgt Ion:114 Resp: 657479

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077959.D

Acq: 30 May 2023 10:52

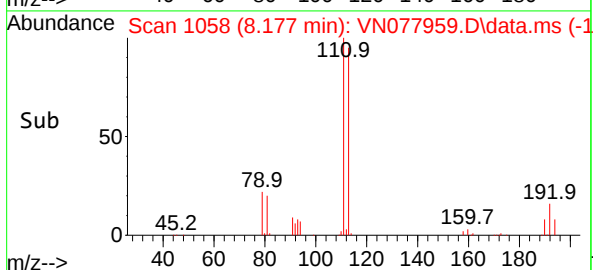
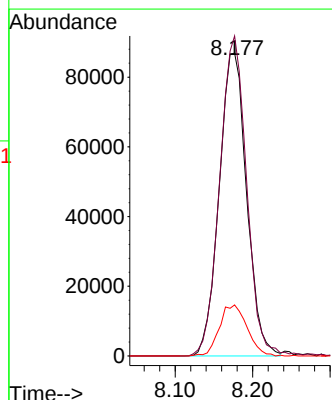
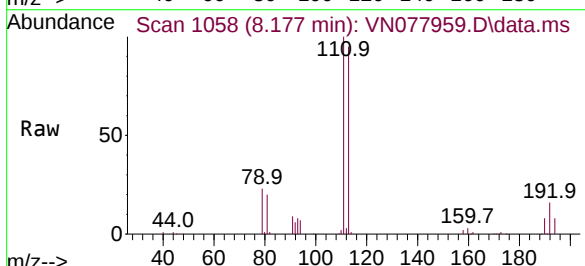
Tgt Ion:113 Resp: 214952

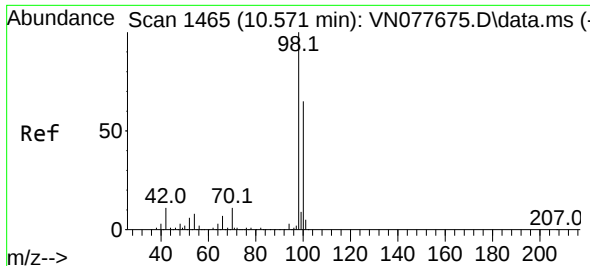
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.0 12.7 19.1

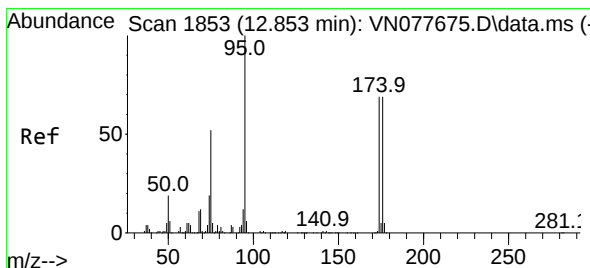
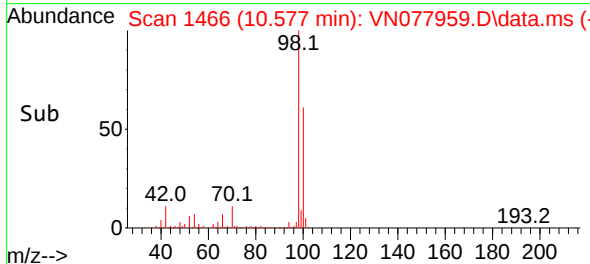
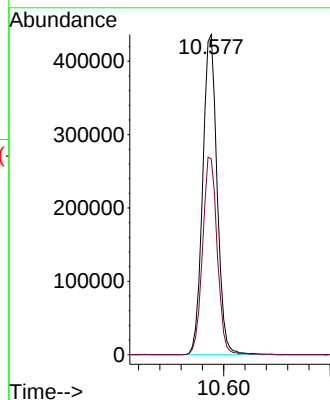
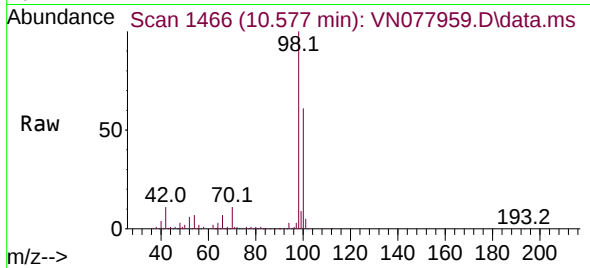




#50
Toluene-d8
Concen: 49.465 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077959.D
Acq: 30 May 2023 10:52

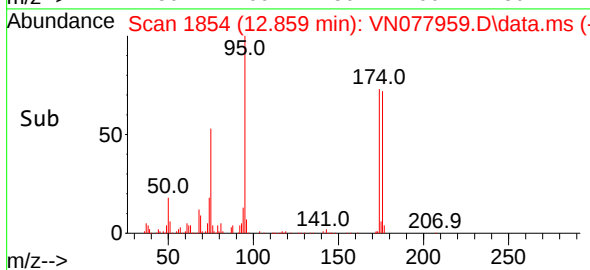
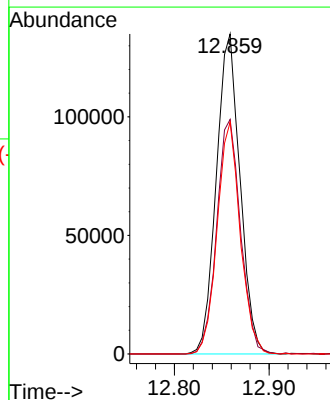
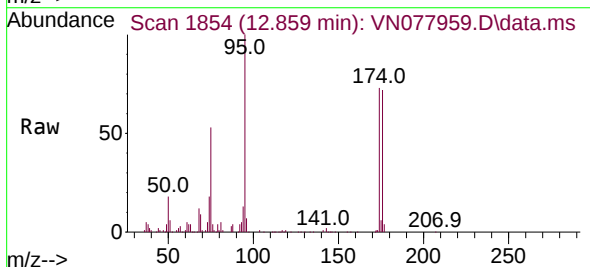
Instrument :
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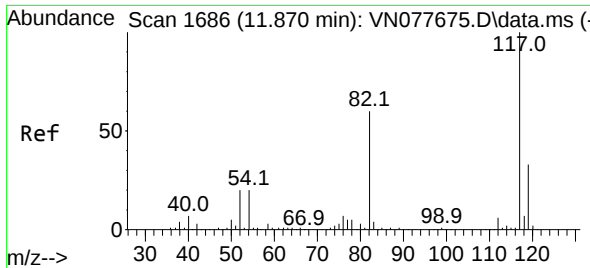
Tgt Ion: 98 Resp: 816287
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.318 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077959.D
Acq: 30 May 2023 10:52

Tgt Ion: 95 Resp: 234985
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 70.3 0.0 135.8

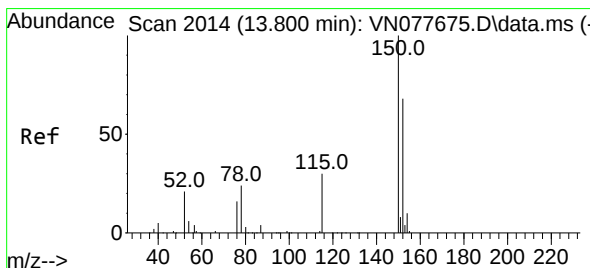
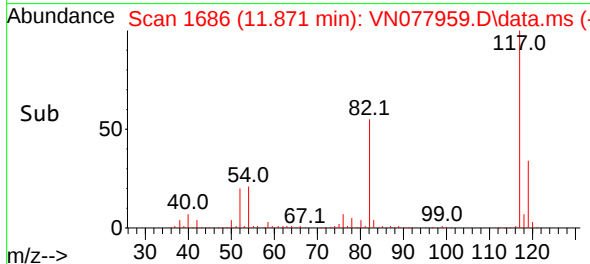
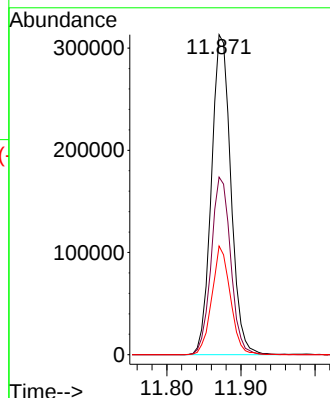
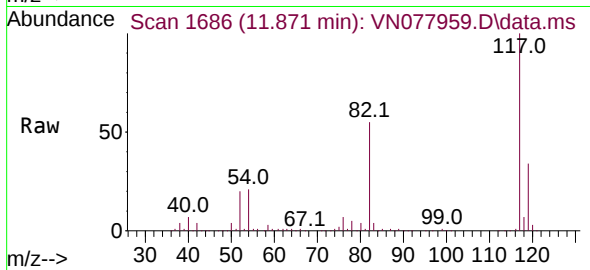




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077959.D
Acq: 30 May 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0530MBL01

Tgt Ion:117 Resp: 570514
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.9 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: VN077959.D
Acq: 30 May 2023 10:52

Tgt Ion:152 Resp: 183368
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 154.5 0.0 355.8

