

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078412.D
 Acq On : 27 Jun 2023 11:59
 Operator : JC\MD
 Sample : VN0627MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

Quant Time: Jun 28 07:06:42 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	8.230	168	448007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	806148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	711875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300020	50.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.460%
35) Dibromofluoromethane	8.177	113	287868	56.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.960%
50) Toluene-d8	10.571	98	923857	47.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.853	95	297110	48.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%

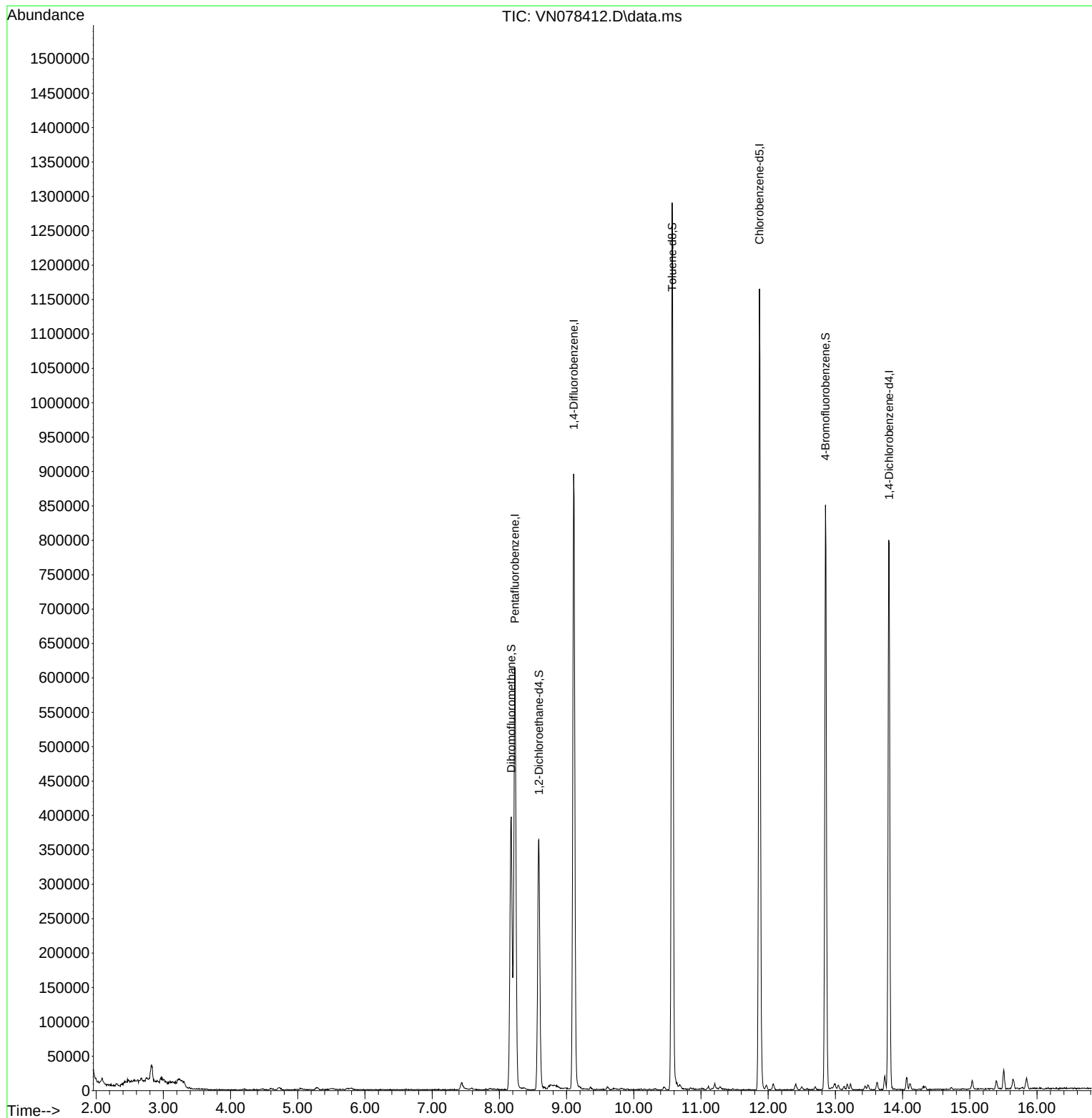
Target Compounds	Qvalue

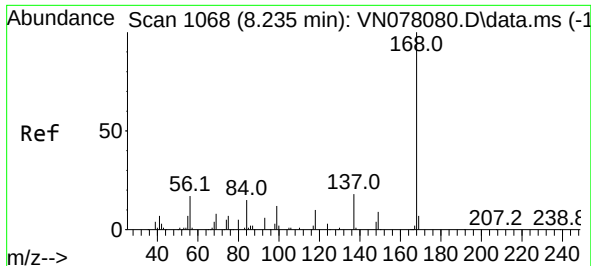
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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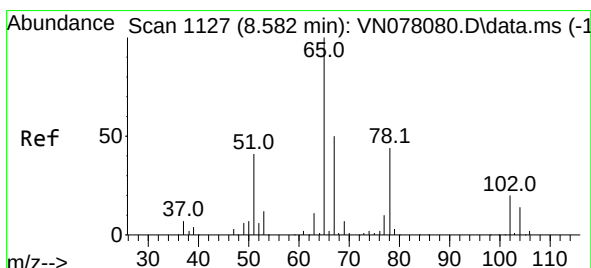
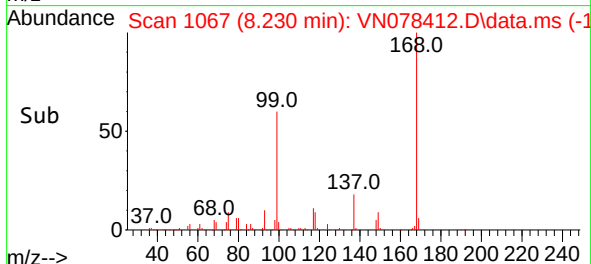
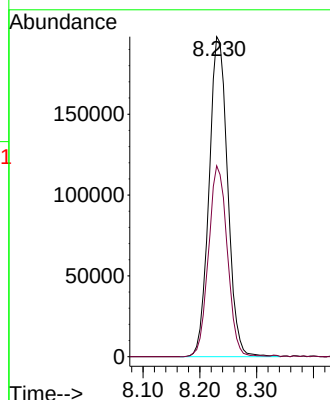
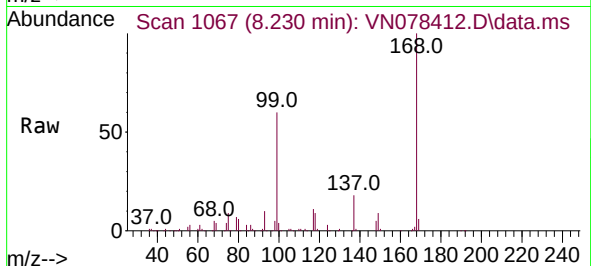




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1128
Delta R.T. -0.005 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

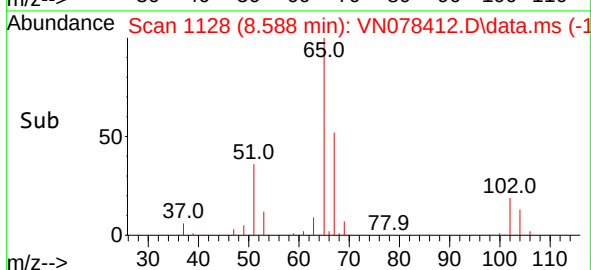
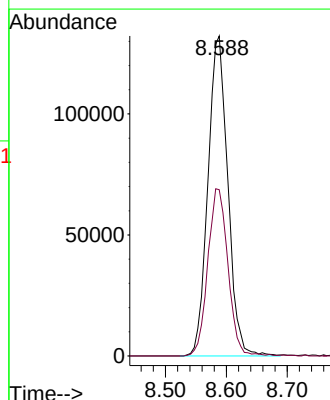
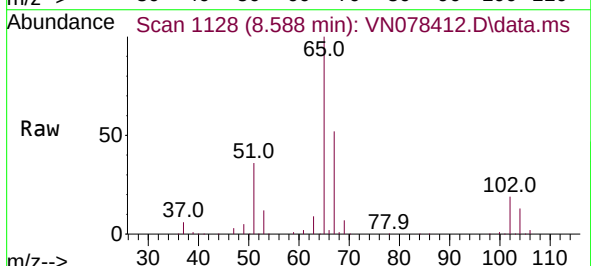
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

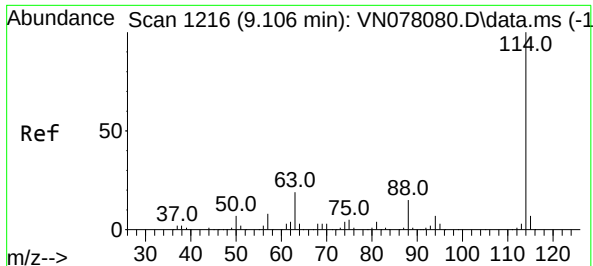
Tgt Ion:168 Resp: 448007
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.227 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 65 Resp: 300020
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

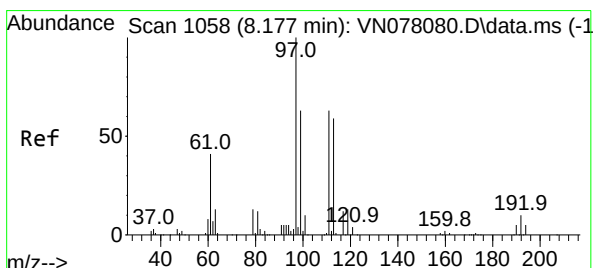
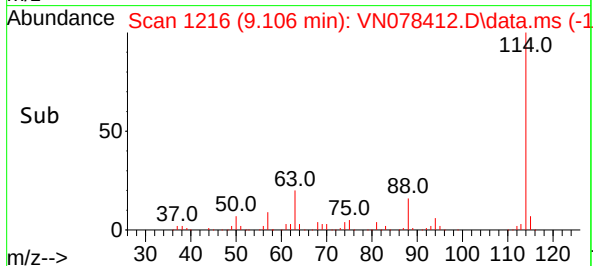
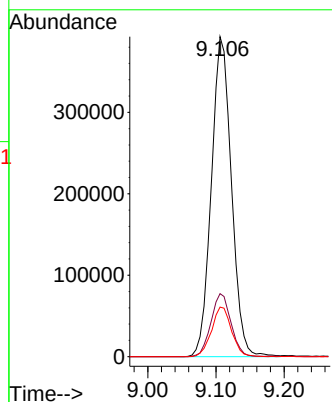
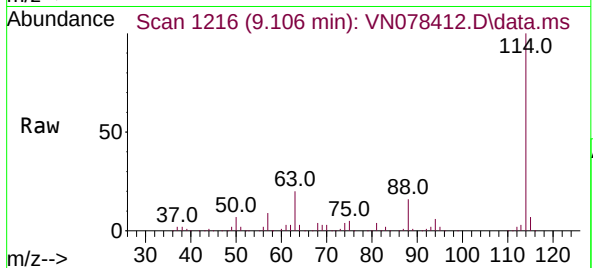
Tgt Ion:114 Resp: 806148

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.476 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078412.D

Acq: 27 Jun 2023 11:59

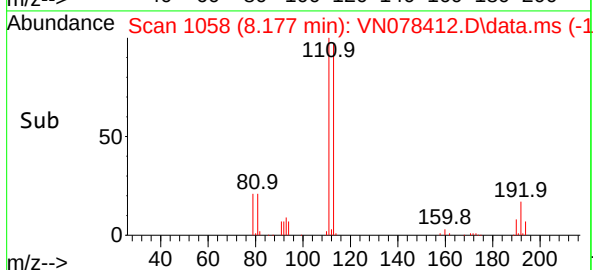
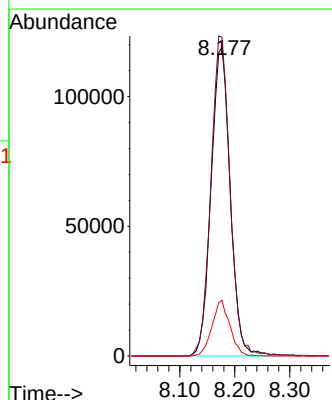
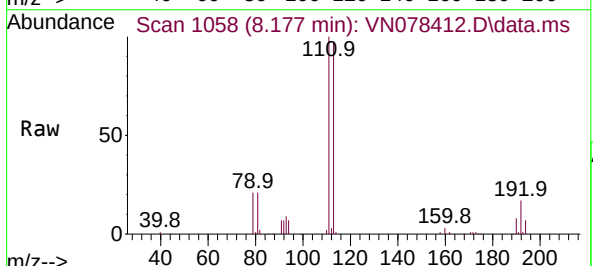
Tgt Ion:113 Resp: 287868

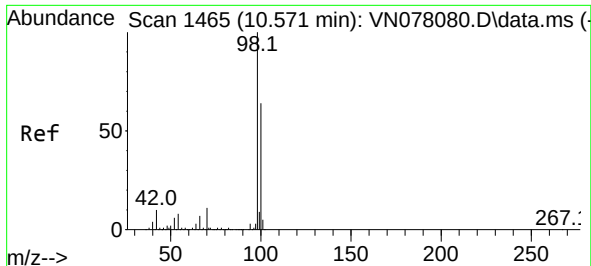
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.8 12.7 19.1

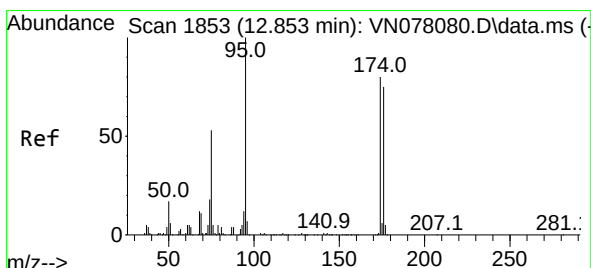
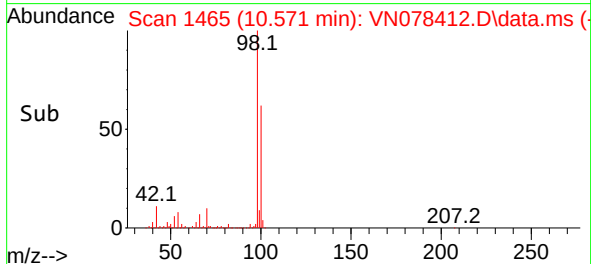
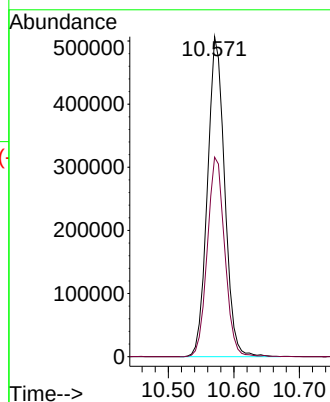
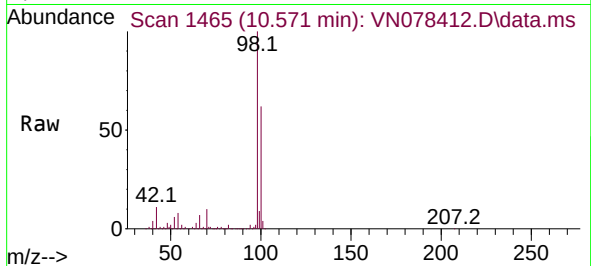




#50
Toluene-d8
Concen: 47.015 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

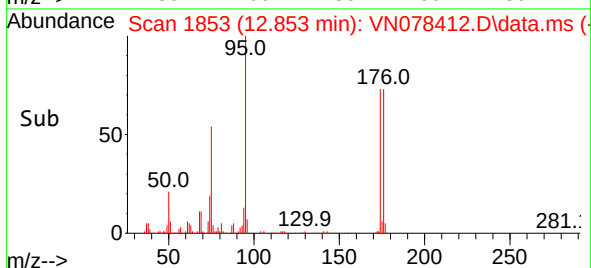
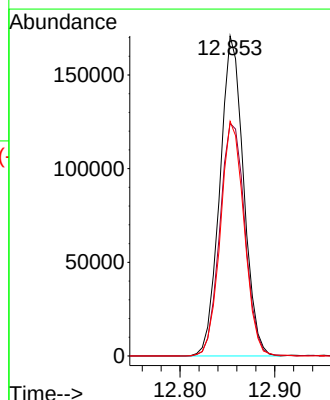
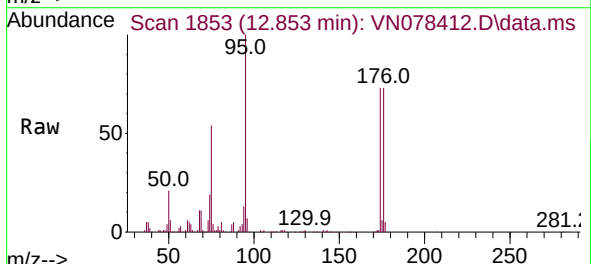
Instrument :
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VN0627MBL01

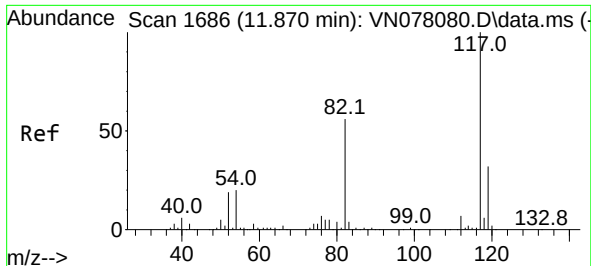
Tgt Ion: 98 Resp: 923857
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion: 95 Resp: 297110
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.5 0.0 135.8

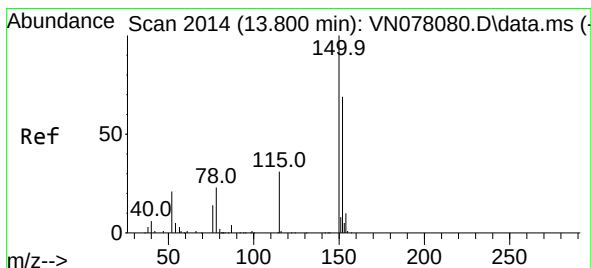
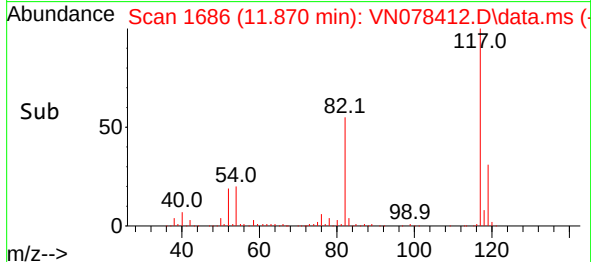
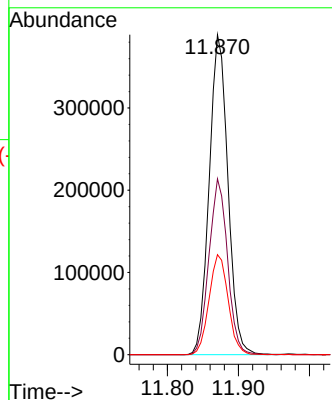
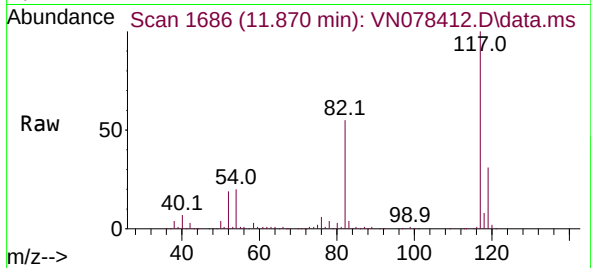




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078412.D
Acq: 27 Jun 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

Tgt Ion:117 Resp: 711875
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.2 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: VN078412.D
Acq: 27 Jun 2023 11:59

Tgt Ion:152 Resp: 228179
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 155.7 0.0 355.8

