

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078413.D
 Acq On : 27 Jun 2023 12:23
 Operator : JC\MD
 Sample : VN0627WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL01

Quant Time: Jun 28 07:07:30 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	8.235	168	431321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	787680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	691374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	299608	52.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.200%
35) Dibromofluoromethane	8.177	113	278572	55.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.860%
50) Toluene-d8	10.570	98	910163	47.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.853	95	273654	45.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%

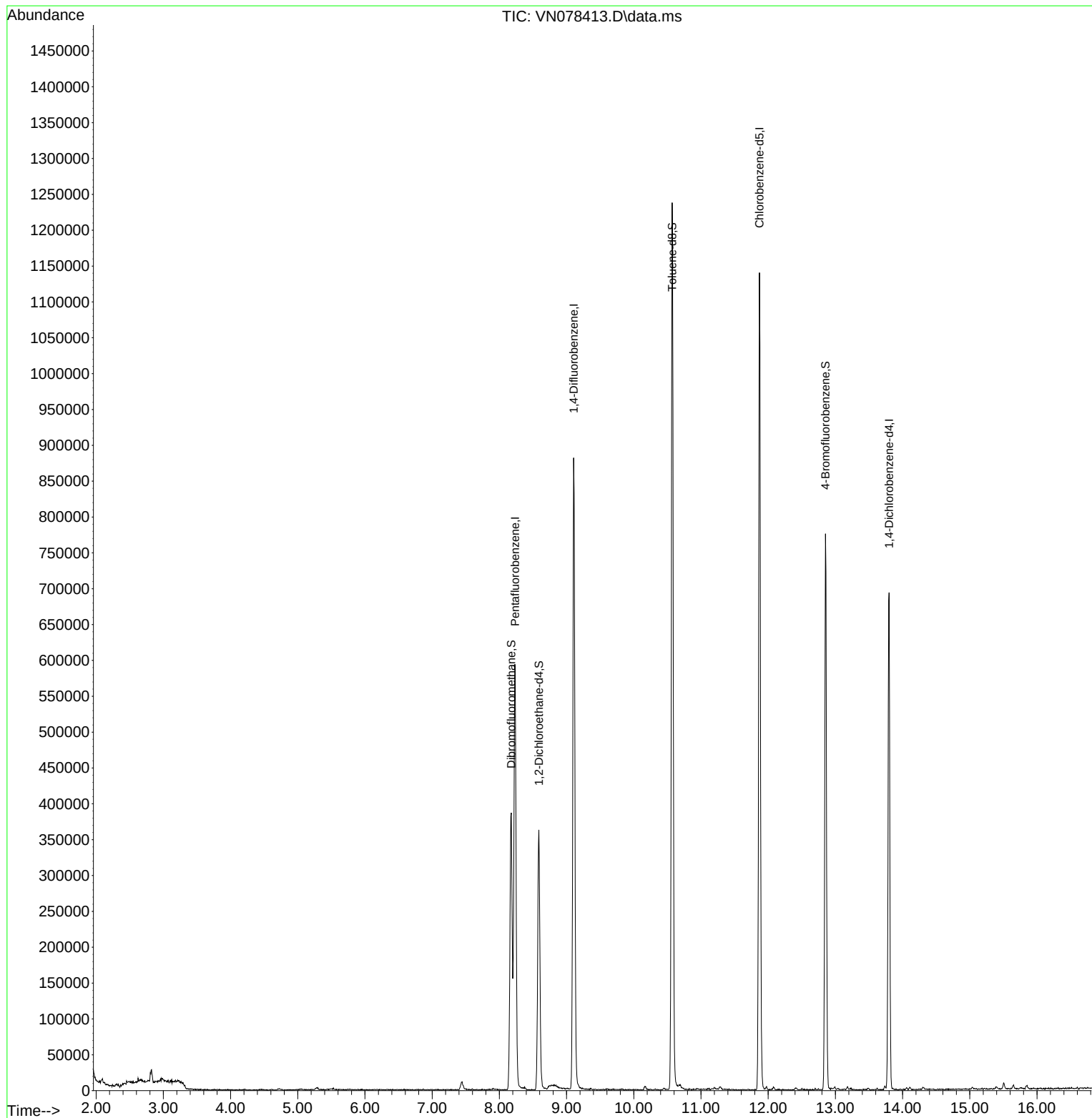
Target Compounds	Qvalue

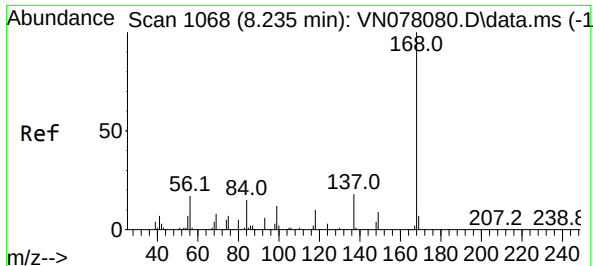
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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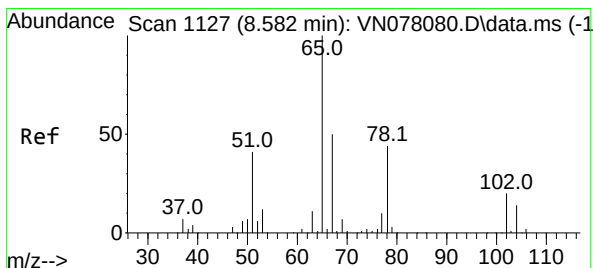
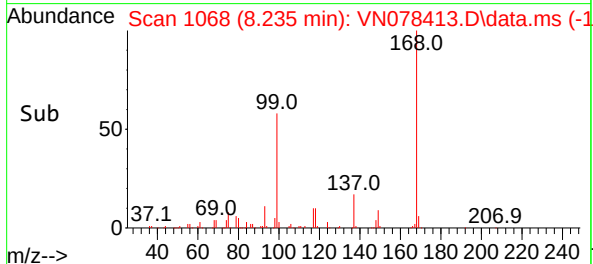
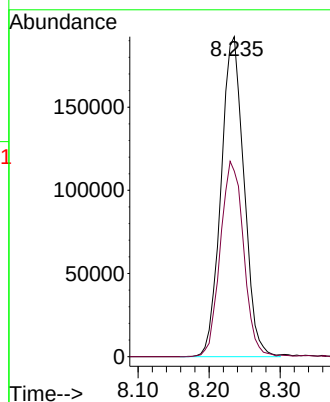
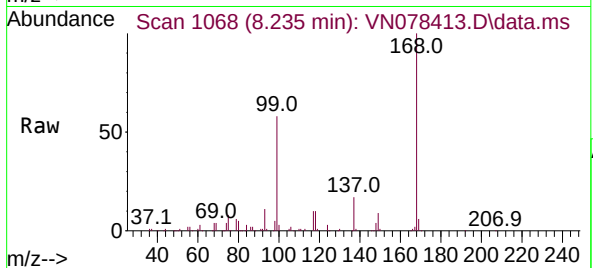




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078413.D
Acq: 27 Jun 2023 12:23

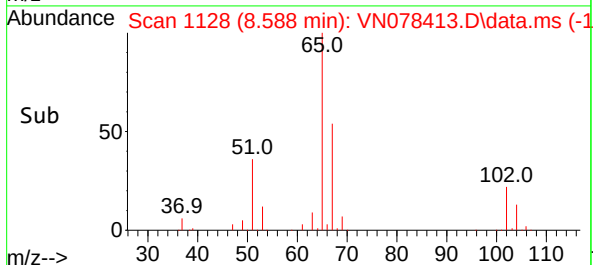
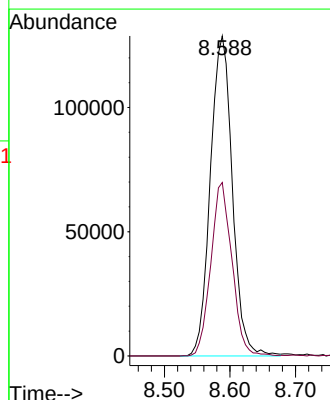
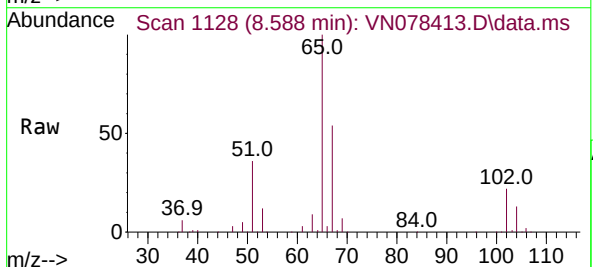
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

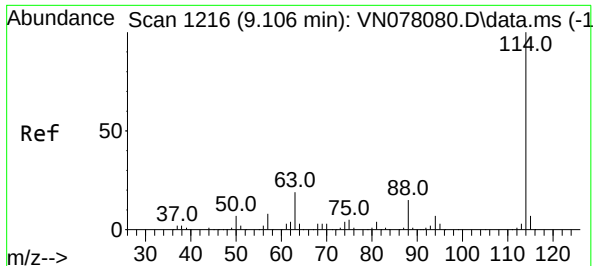
Tgt Ion:168 Resp: 431321
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.098 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078413.D
Acq: 27 Jun 2023 12:23

Tgt Ion: 65 Resp: 299608
Ion Ratio Lower Upper
65 100
67 52.2 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: VN078413.D

Acq: 27 Jun 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL01

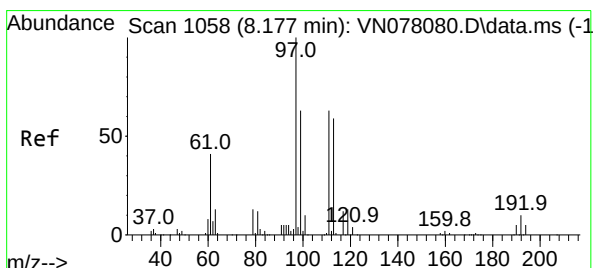
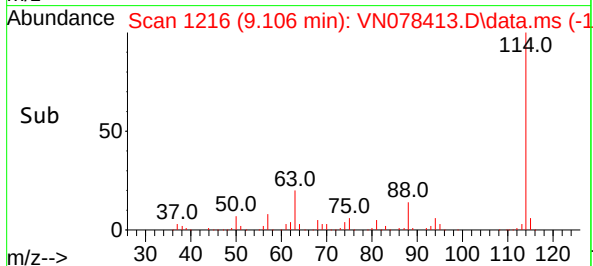
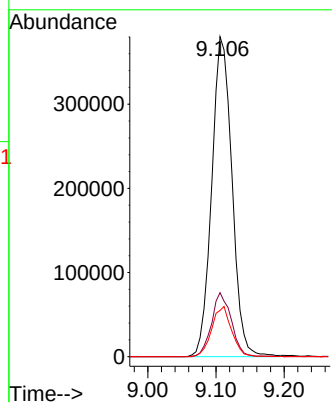
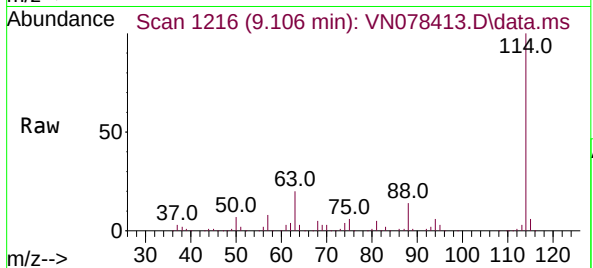
Tgt Ion:114 Resp: 787680

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.934 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078413.D

Acq: 27 Jun 2023 12:23

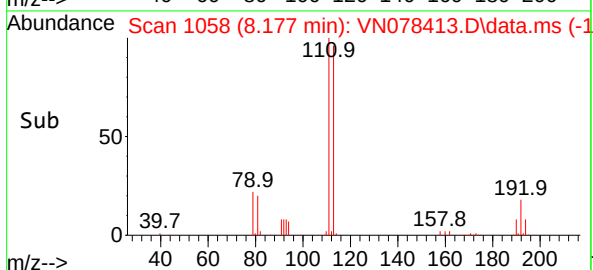
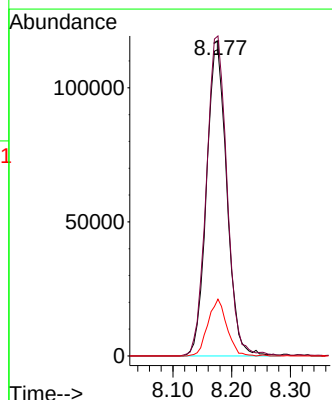
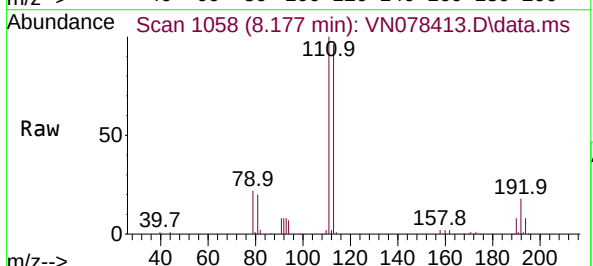
Tgt Ion:113 Resp: 278572

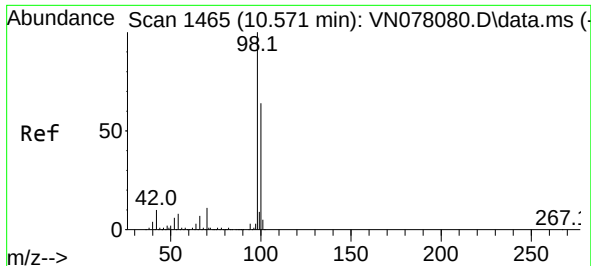
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 17.0 12.7 19.1

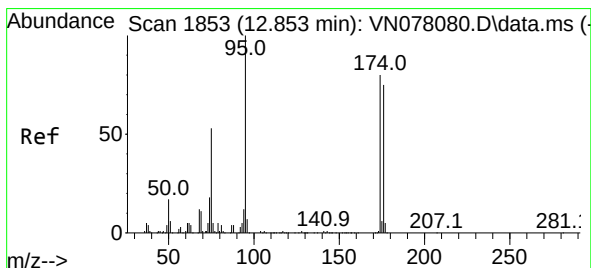
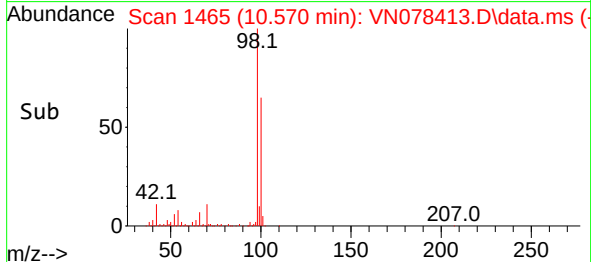
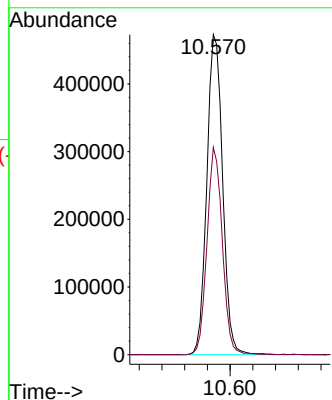
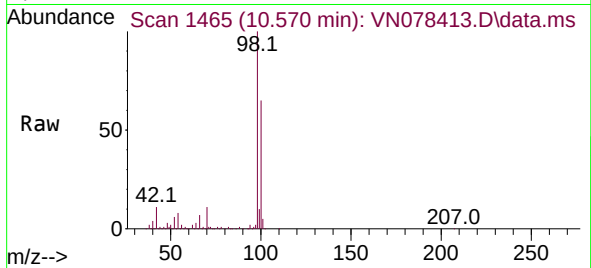




#50
Toluene-d8
Concen: 47.404 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078413.D
Acq: 27 Jun 2023 12:23

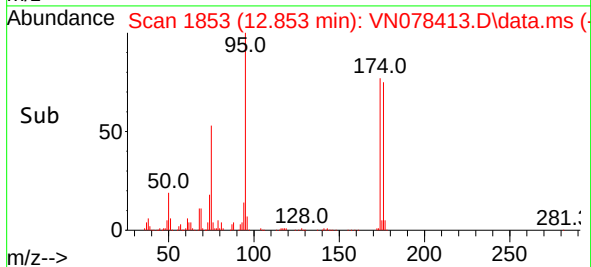
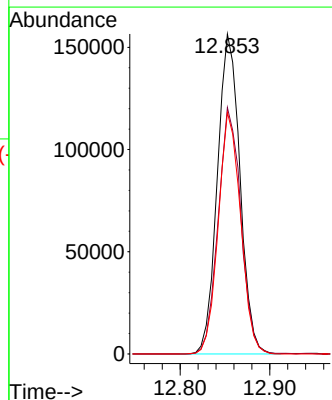
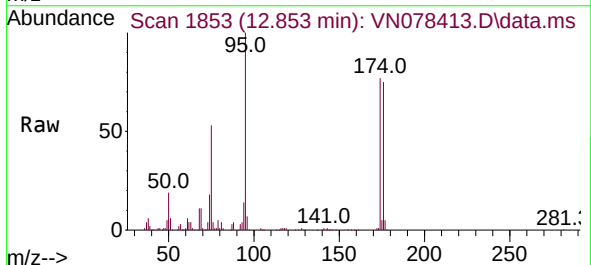
Instrument :
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ClientSampleId :
VN0627WBL01

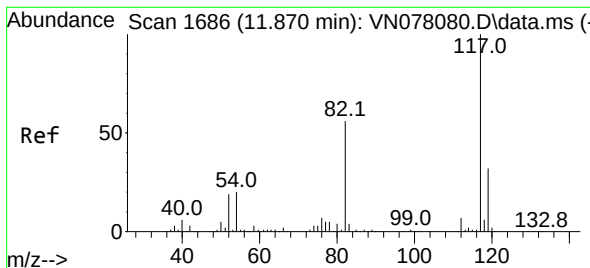
Tgt Ion: 98 Resp: 910163
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078413.D
Acq: 27 Jun 2023 12:23

Tgt Ion: 95 Resp: 273654
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 74.6 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: VN078413.D

Acq: 27 Jun 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL01

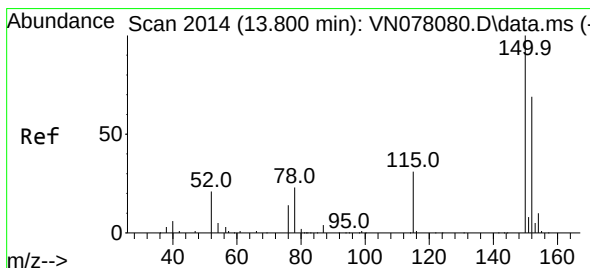
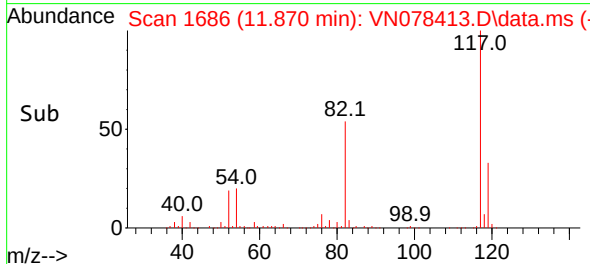
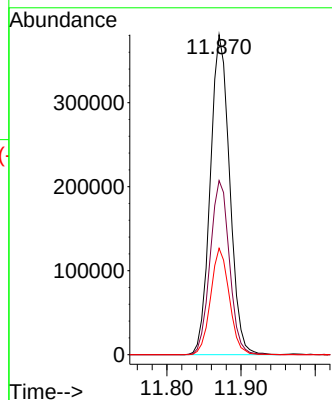
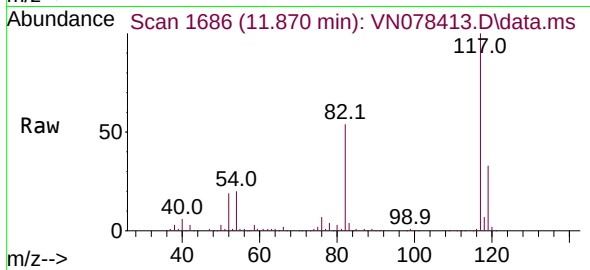
Tgt Ion:117 Resp: 691374

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 33.2 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: VN078413.D

Acq: 27 Jun 2023 12:23

Tgt Ion:152 Resp: 196054

Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 160.0 0.0 355.8

