

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077445.D
 Acq On : 25 Apr 2023 04:04
 Operator : JC\MD
 Sample : VN0424WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01

Quant Time: Apr 25 08:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	508665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	945593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	833763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	285744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	332882	50.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.300%
35) Dibromofluoromethane	8.172	113	296329	52.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	10.572	98	1147858	52.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.854	95	348534	48.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%

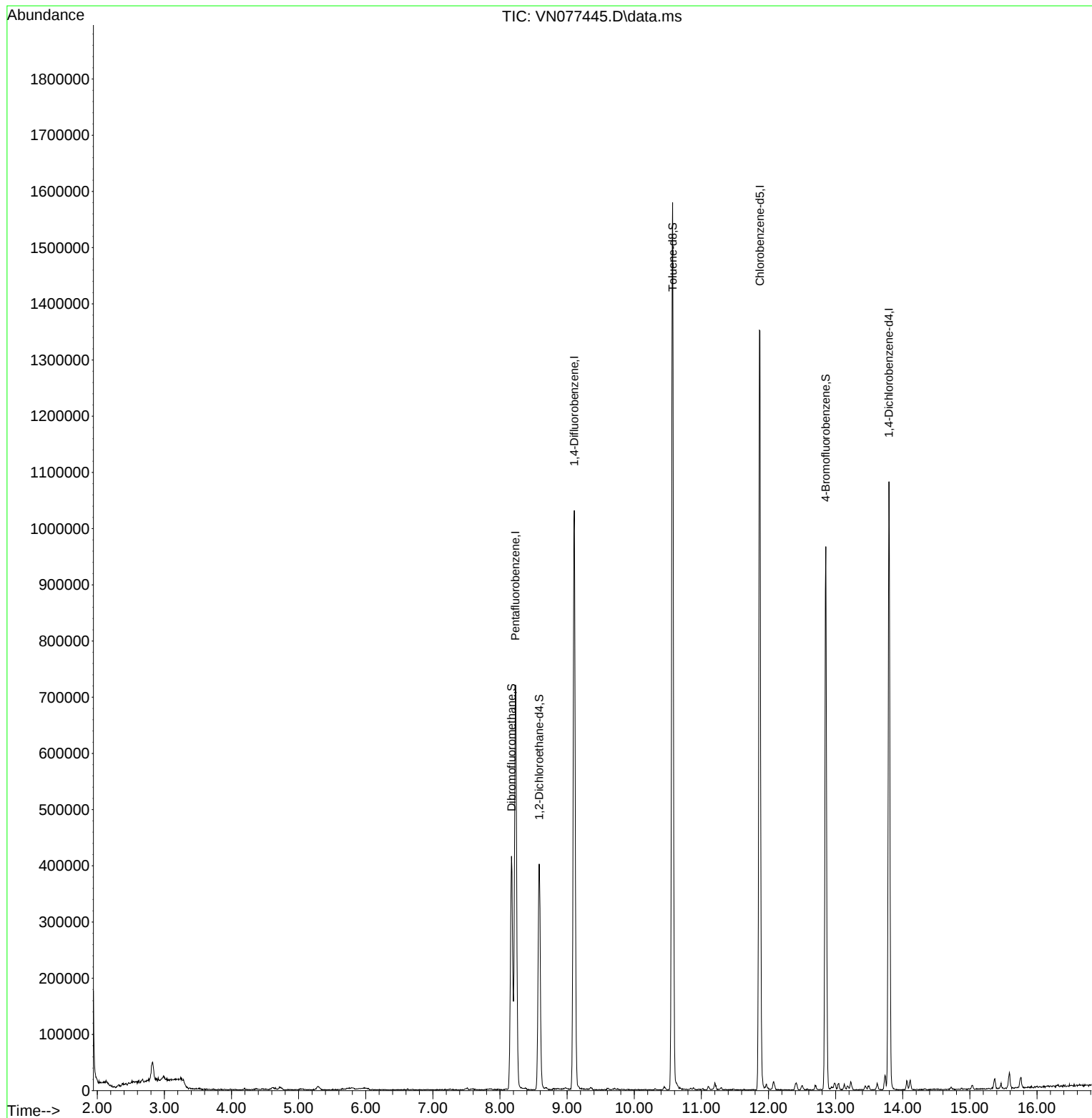
Target Compounds	Qvalue

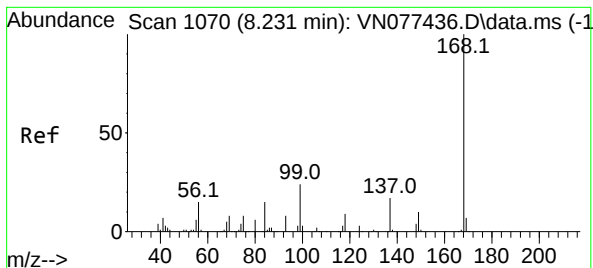
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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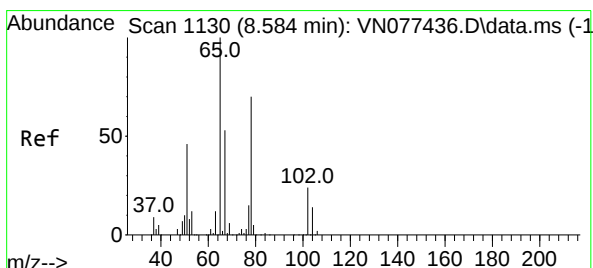
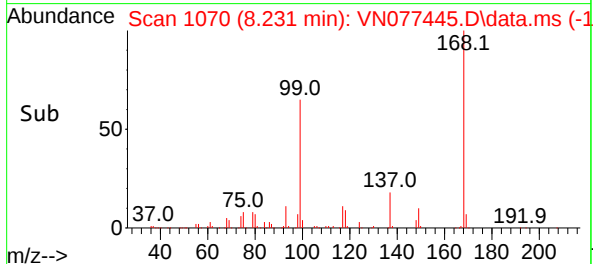
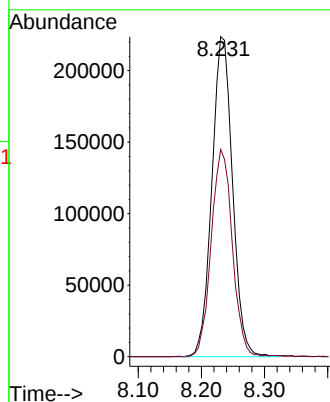
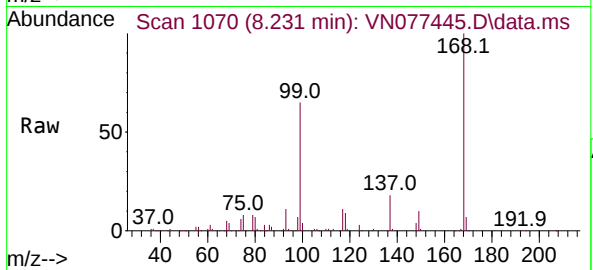




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

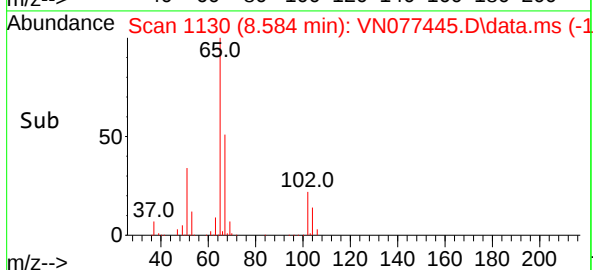
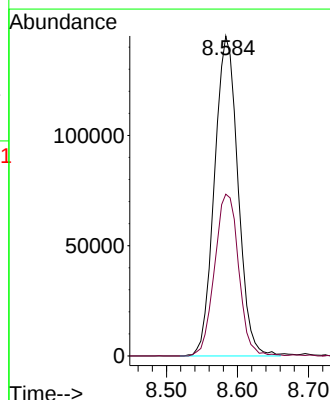
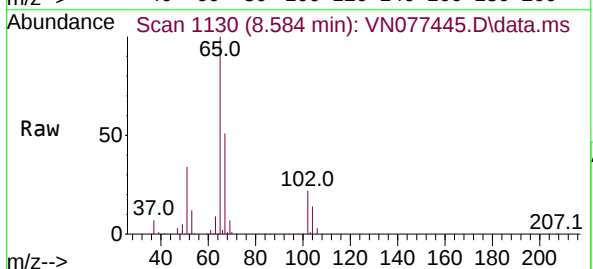
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBL01

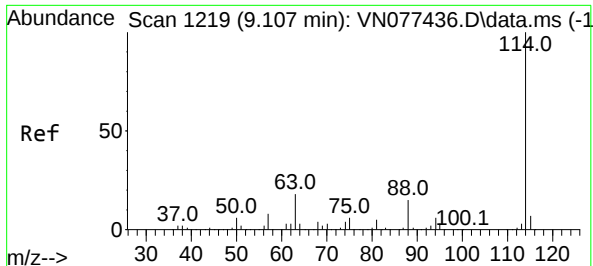
Tgt Ion:168 Resp: 508665
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 65 Resp: 332882
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

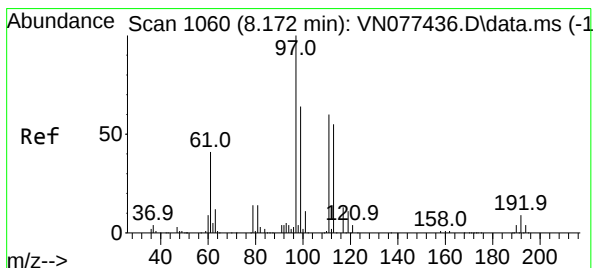
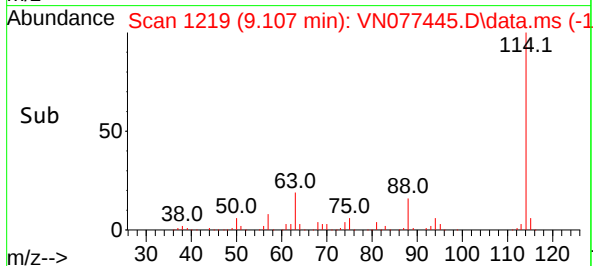
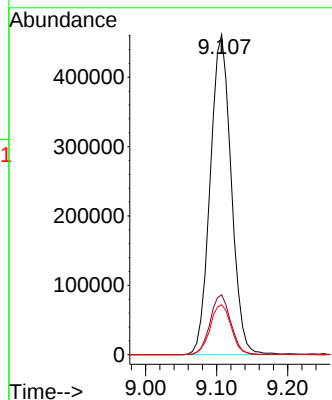
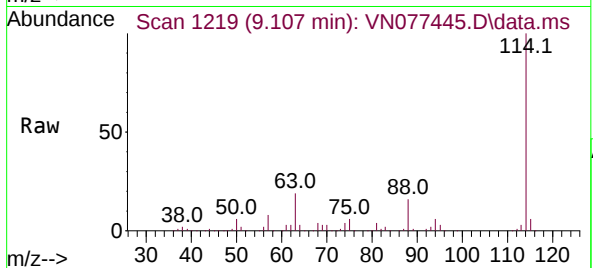
Tgt Ion:114 Resp: 945593

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.139 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

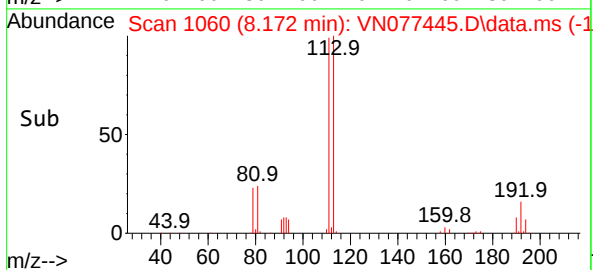
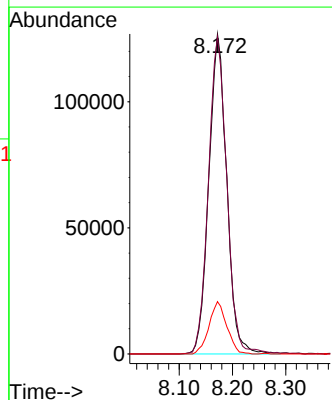
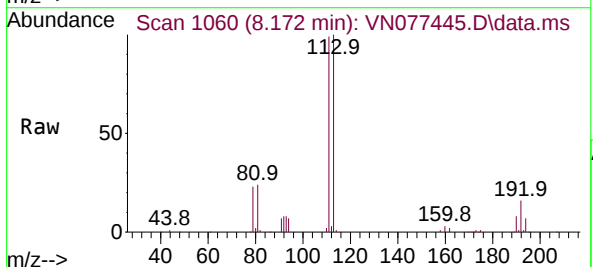
Tgt Ion:113 Resp: 296329

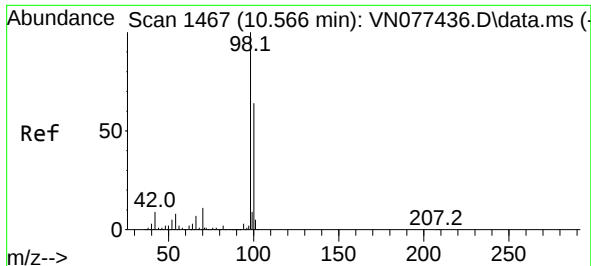
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 16.2 12.7 19.1

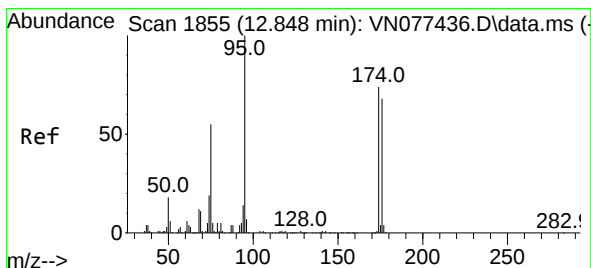
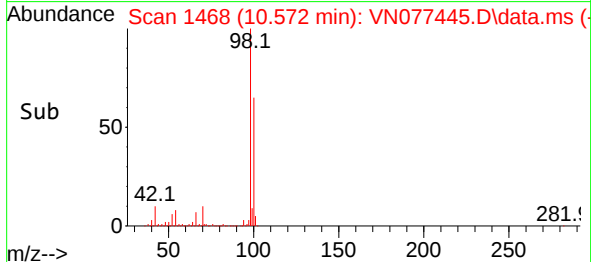
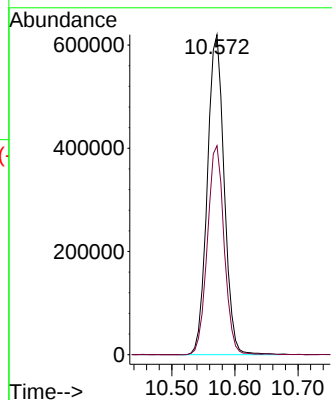
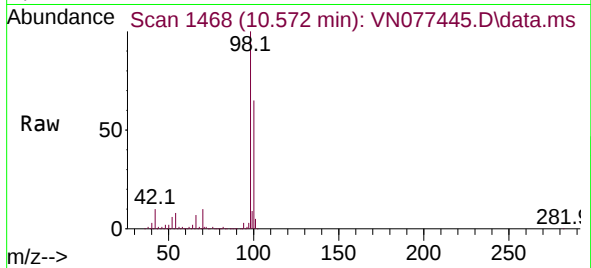




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

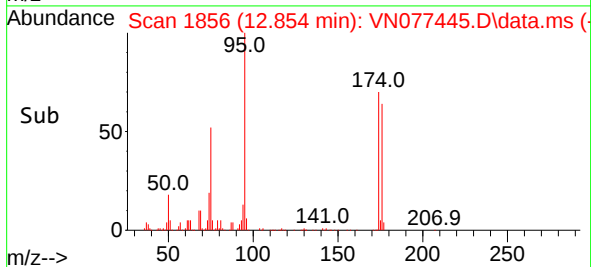
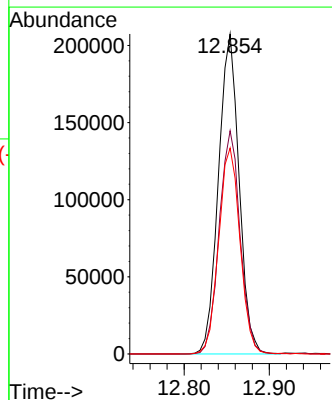
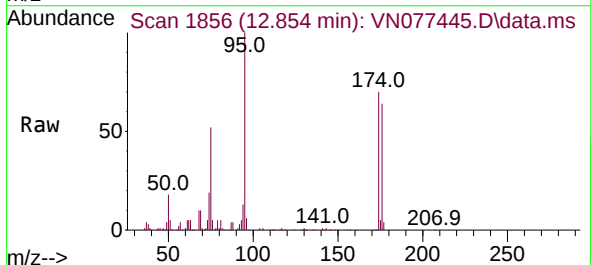
Instrument :
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ClientSampleId :
VN0424WBL01

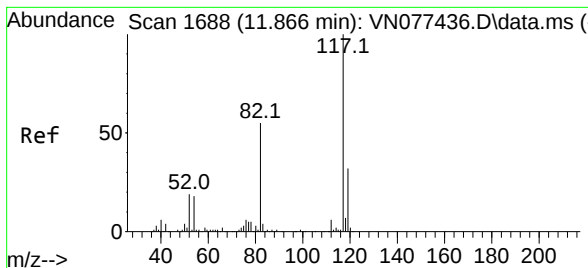
Tgt Ion: 98 Resp: 1147858
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.906 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077445.D
Acq: 25 Apr 2023 04:04

Tgt Ion: 95 Resp: 348534
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 66.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBL01

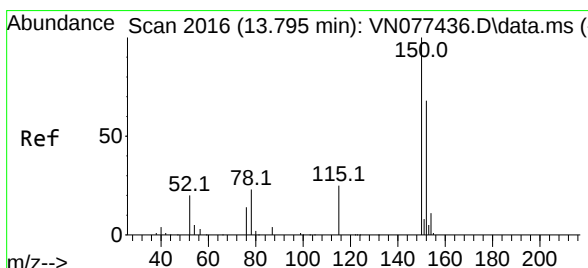
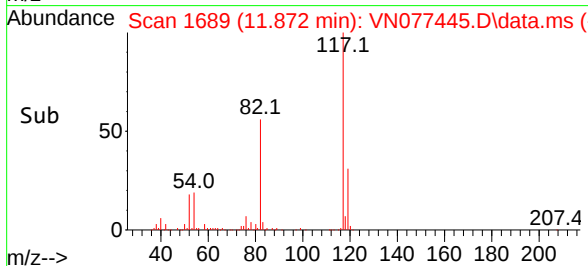
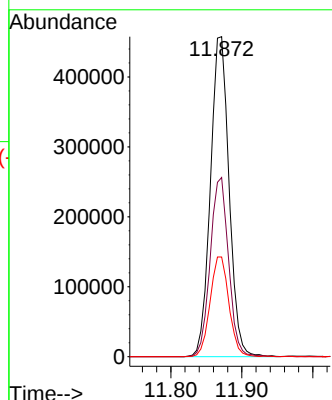
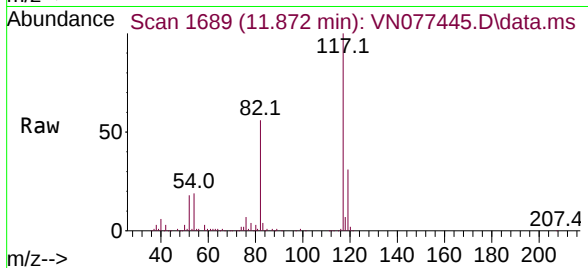
Tgt Ion:117 Resp: 833763

Ion Ratio Lower Upper

117 100

82 56.0 44.0 66.0

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077445.D

Acq: 25 Apr 2023 04:04

Tgt Ion:152 Resp: 285744

Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

150 158.4 0.0 355.8

