

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077035.D
 Acq On : 17 Mar 2023 15:06
 Operator : JC\MD
 Sample : VN0317MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317MBL01

Quant Time: Mar 18 02:29:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	385018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	704224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	615662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	233959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300044	48.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	8.172	113	227155	46.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	10.572	98	863891	49.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.854	95	272157	43.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.440%

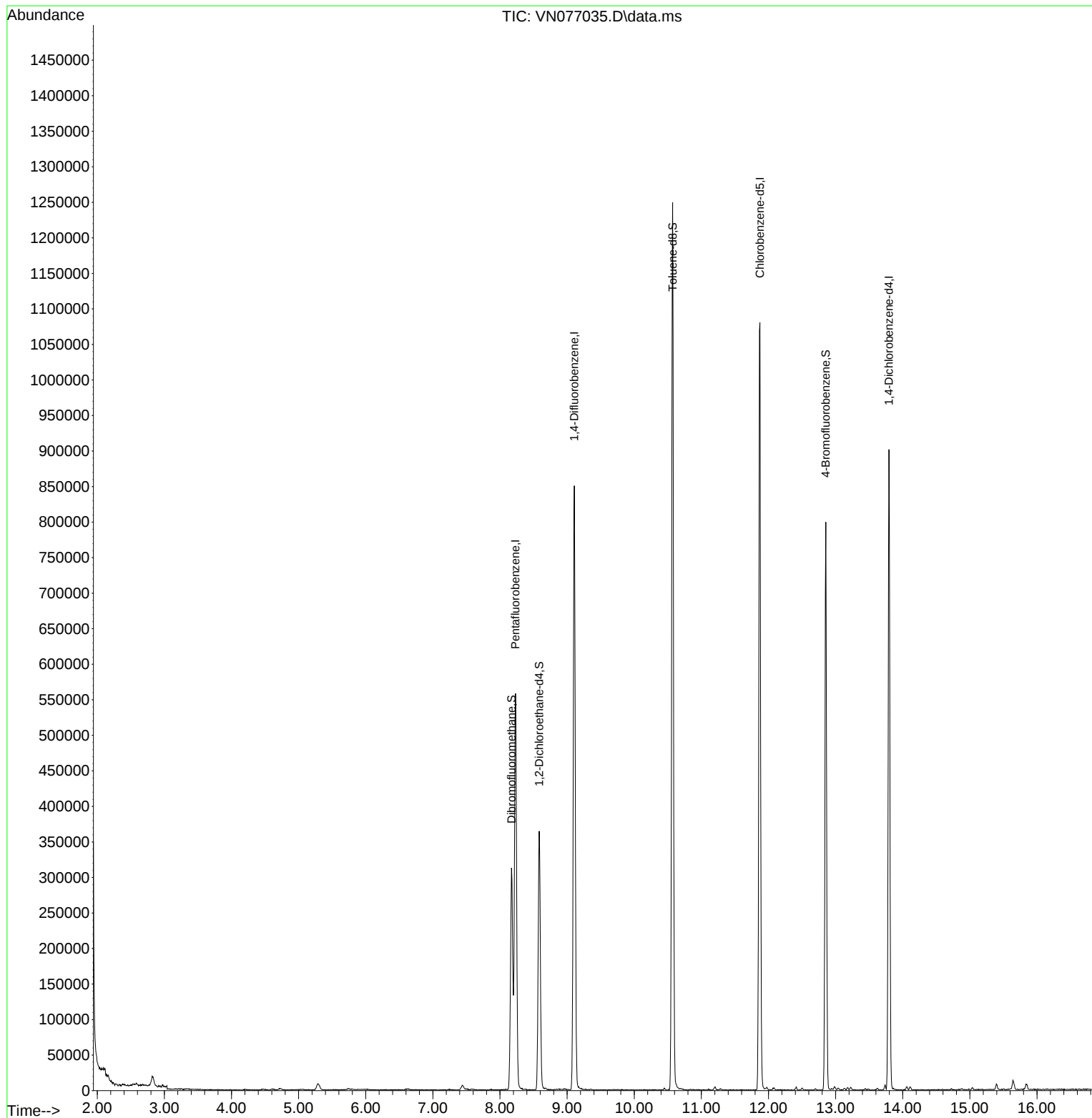
Target Compounds	Qvalue

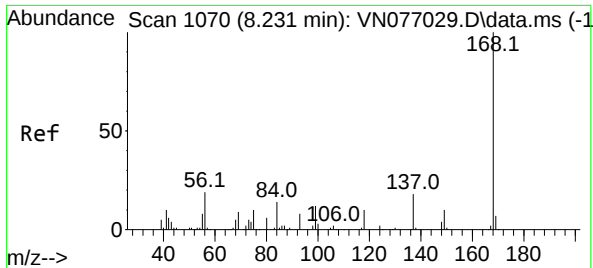
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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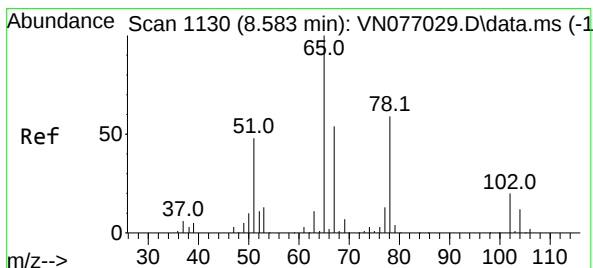
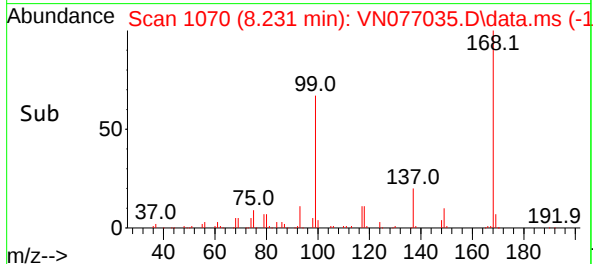
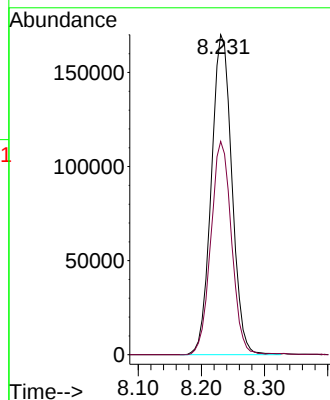
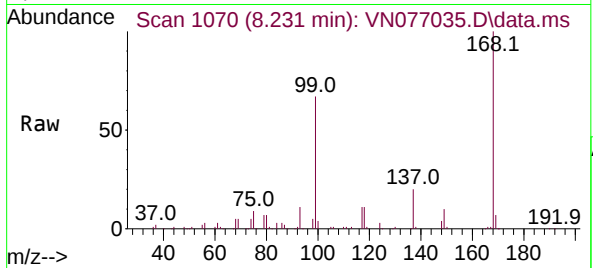




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077035.D
Acq: 17 Mar 2023 15:06

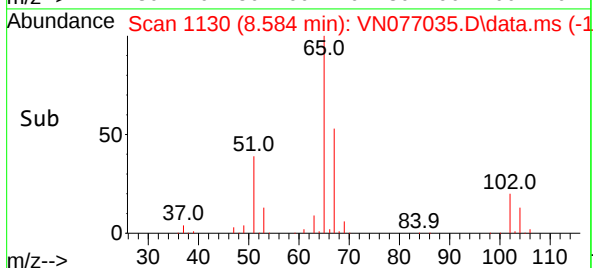
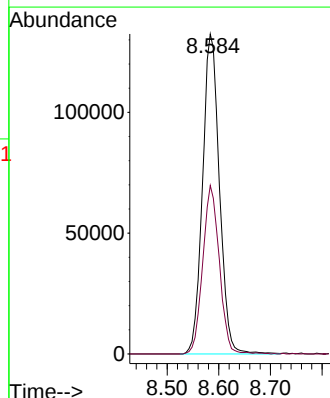
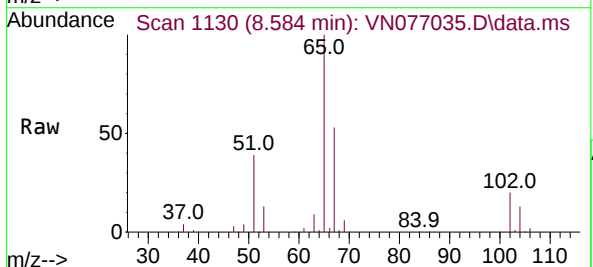
Instrument :
MSVOA_N
ClientSampleId :
VN0317MBL01

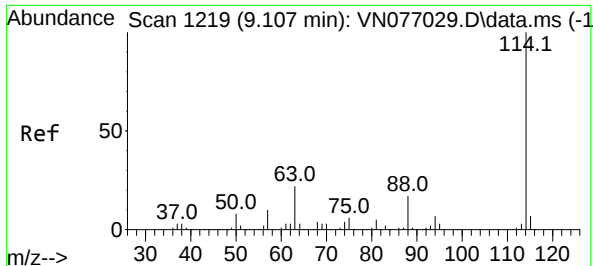
Tgt Ion:168 Resp: 385018
Ion Ratio Lower Upper
168 100
99 66.6 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 48.788 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077035.D
Acq: 17 Mar 2023 15:06

Tgt Ion: 65 Resp: 300044
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077035.D

Acq: 17 Mar 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0317MBL01

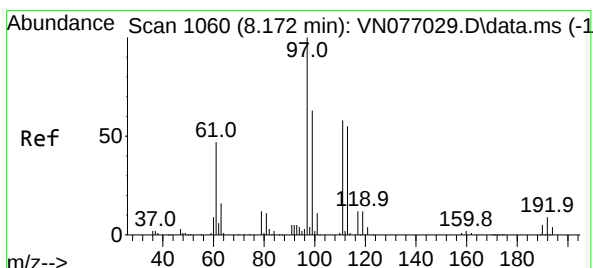
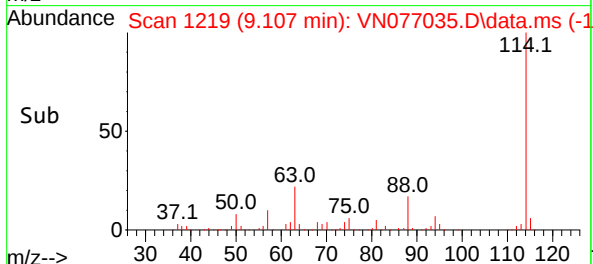
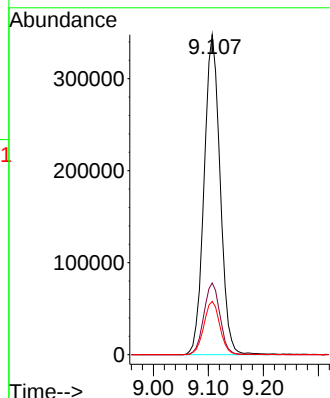
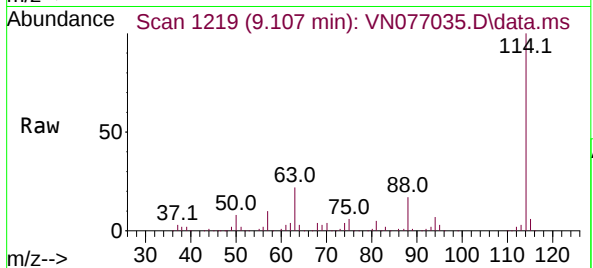
Tgt Ion:114 Resp: 704224

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.060 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077035.D

Acq: 17 Mar 2023 15:06

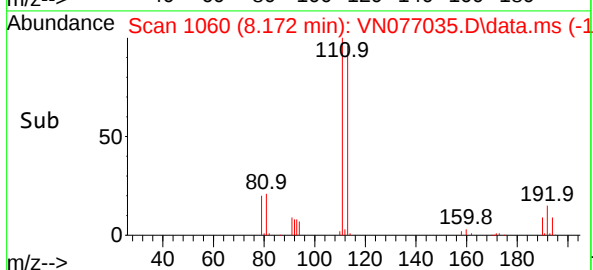
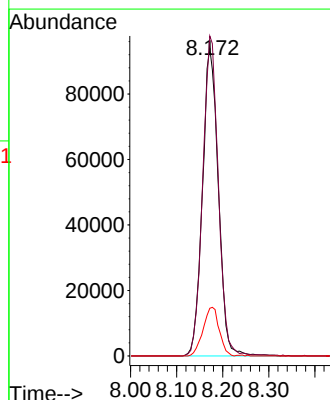
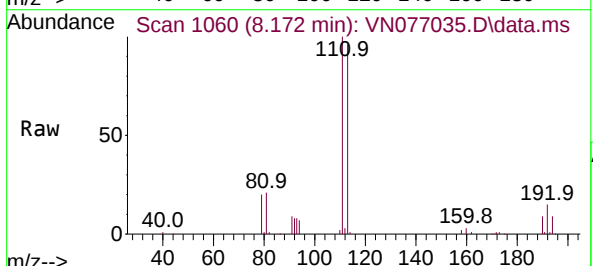
Tgt Ion:113 Resp: 227155

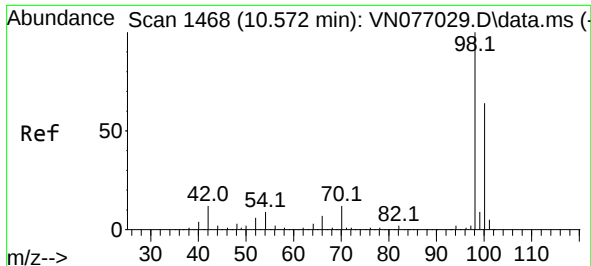
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 15.9 13.0 19.6

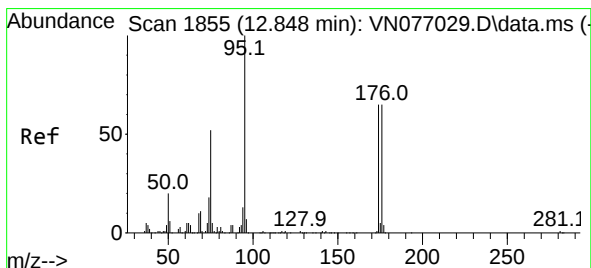
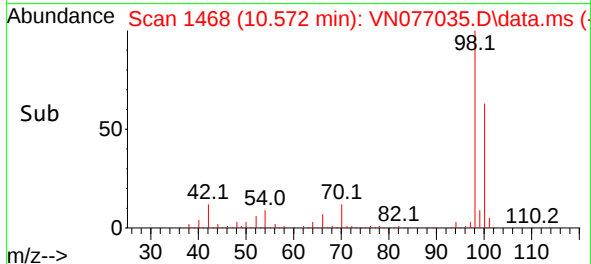
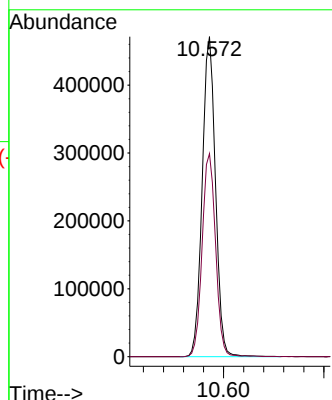
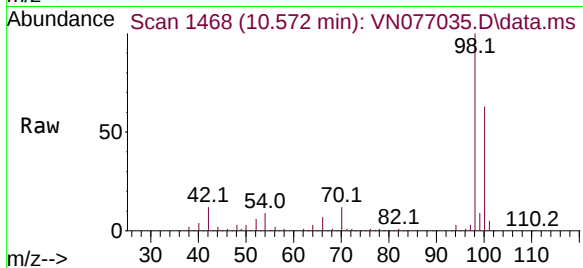




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077035.D
Acq: 17 Mar 2023 15:06

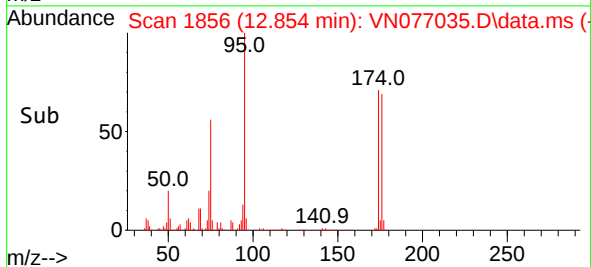
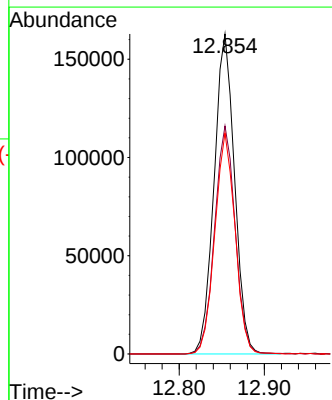
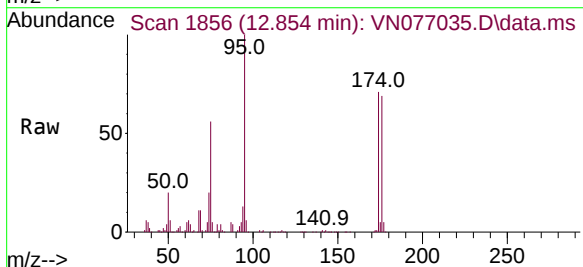
Instrument :
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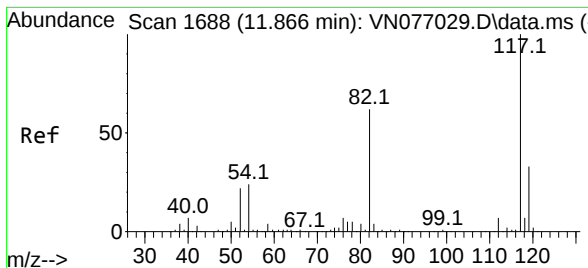
Tgt Ion: 98 Resp: 863891
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.719 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077035.D
Acq: 17 Mar 2023 15:06

Tgt Ion: 95 Resp: 272157
Ion Ratio Lower Upper
95 100
174 71.7 0.0 136.6
176 68.2 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077035.D

Acq: 17 Mar 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0317MBL01

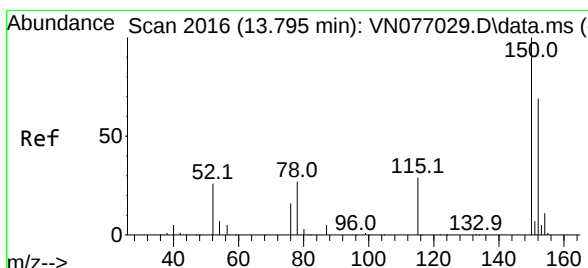
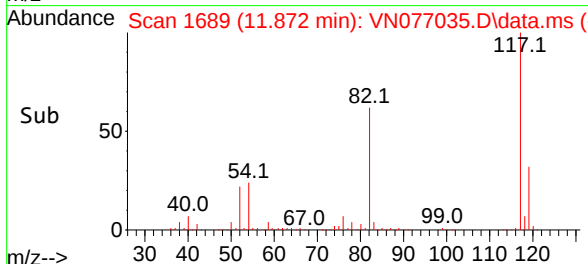
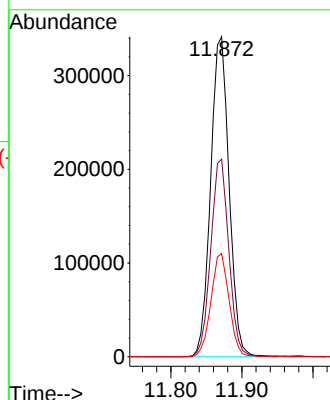
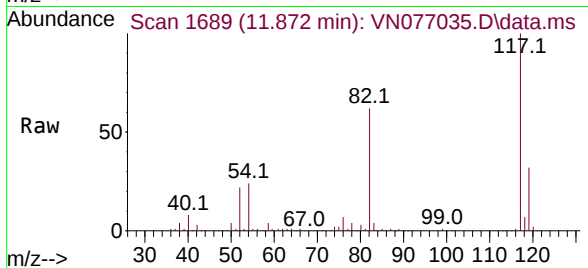
Tgt Ion:117 Resp: 615662

Ion Ratio Lower Upper

117 100

82 61.8 49.4 74.0

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077035.D

Acq: 17 Mar 2023 15:06

Tgt Ion:152 Resp: 233959

Ion Ratio Lower Upper

152 100

115 63.9 31.9 95.7

150 157.0 0.0 348.0

