

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075809.D
 Acq On : 15 Dec 2022 11:38
 Operator : JC\MD
 Sample : VN1215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBL01

Quant Time: Dec 16 03:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	384095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188876	45.201	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.400%
35) Dibromofluoromethane	8.171	113	173006	48.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.571	98	667516	49.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	205089	46.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%

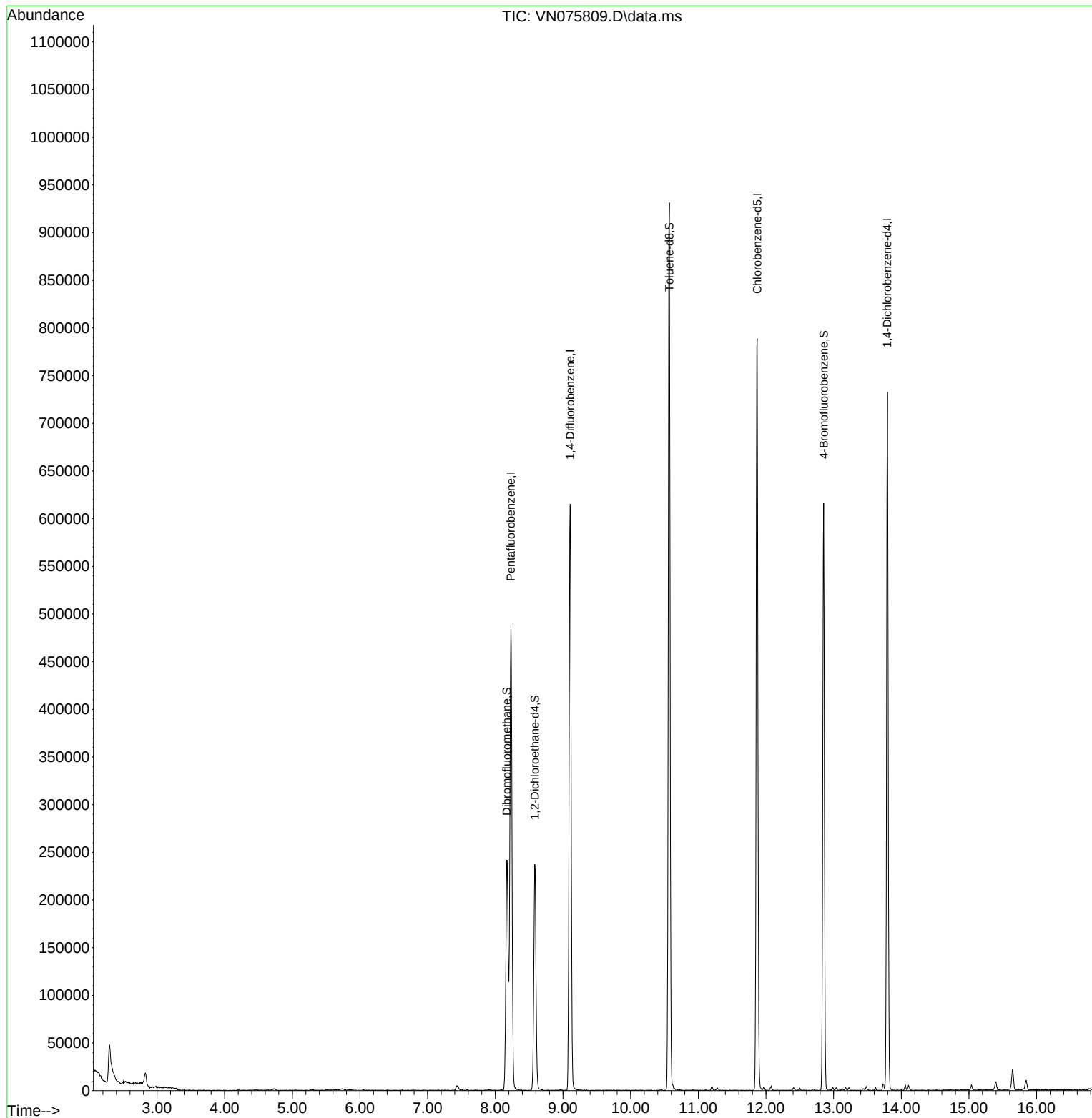
Target Compounds	Qvalue

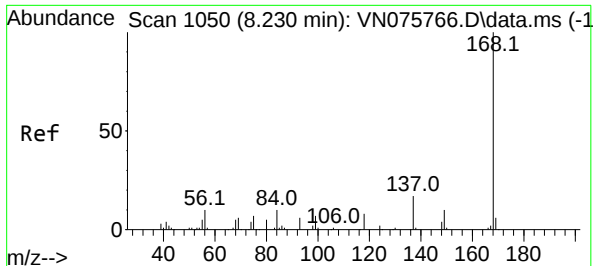
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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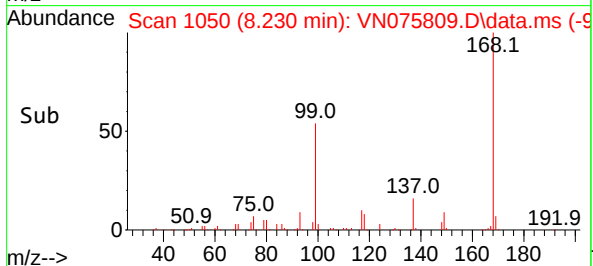
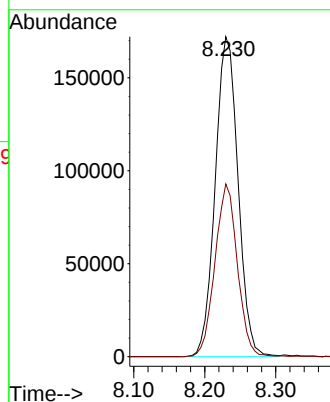
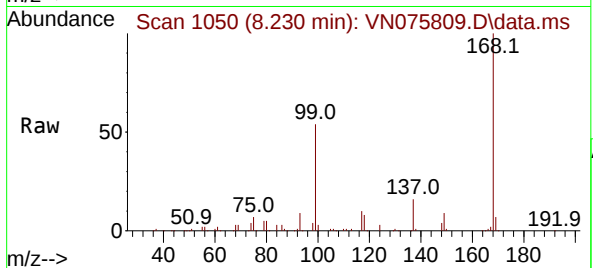




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075809.D
Acq: 15 Dec 2022 11:38

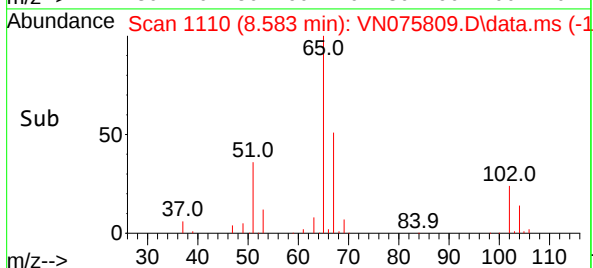
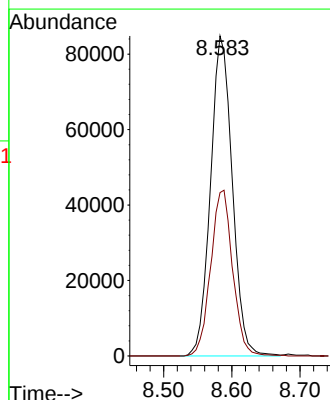
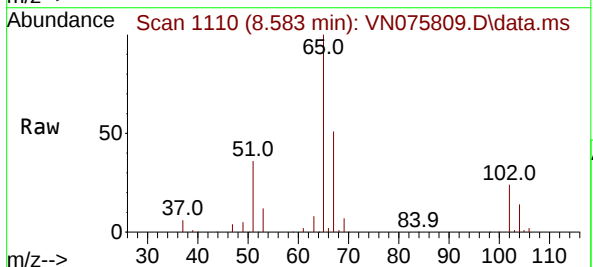
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBL01

Tgt Ion:168 Resp: 384095
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.201 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075809.D
Acq: 15 Dec 2022 11:38

Tgt Ion: 65 Resp: 188876
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075809.D

Acq: 15 Dec 2022 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBL01

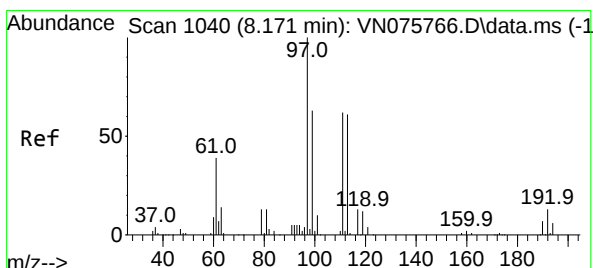
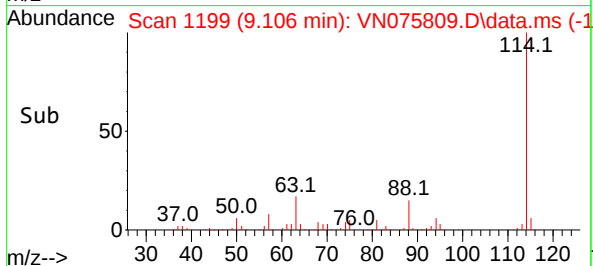
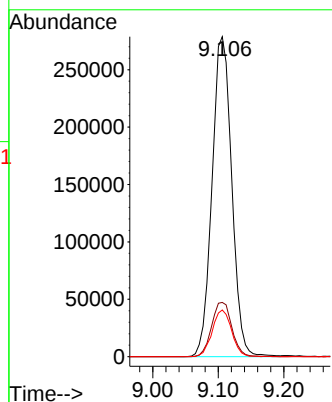
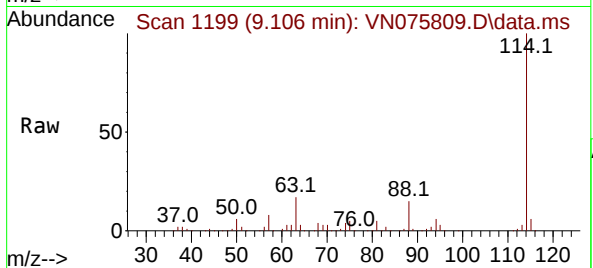
Tgt Ion:114 Resp: 580944

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.088 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075809.D

Acq: 15 Dec 2022 11:38

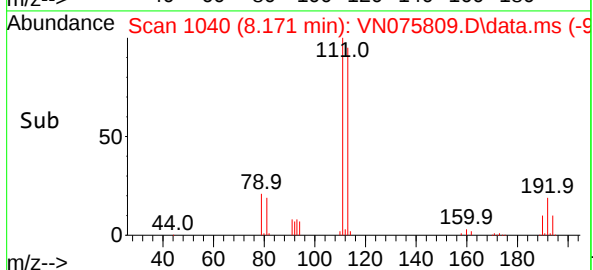
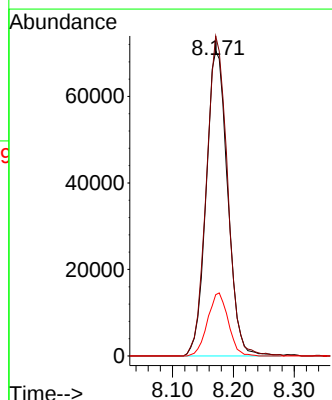
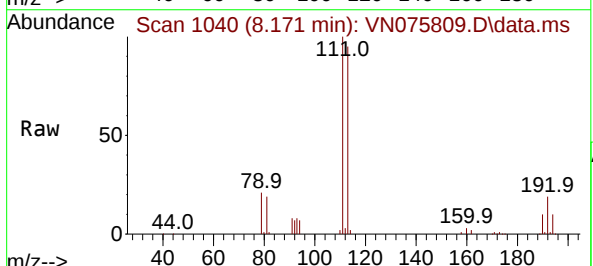
Tgt Ion:113 Resp: 173006

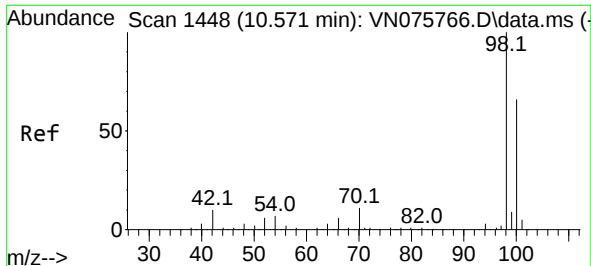
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 19.8 16.1 24.1

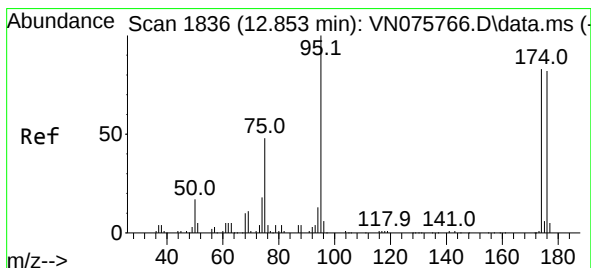
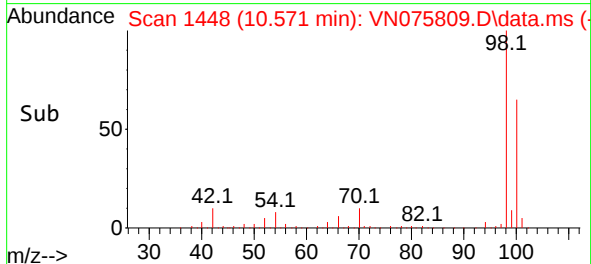
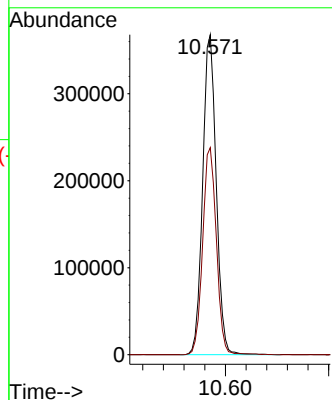
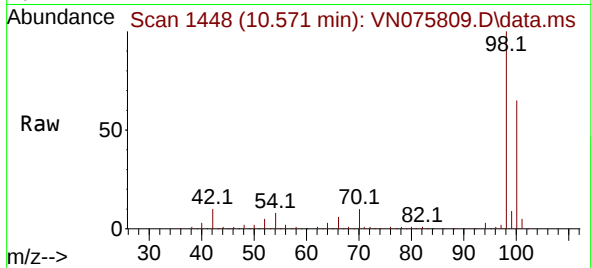




#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075809.D
Acq: 15 Dec 2022 11:38

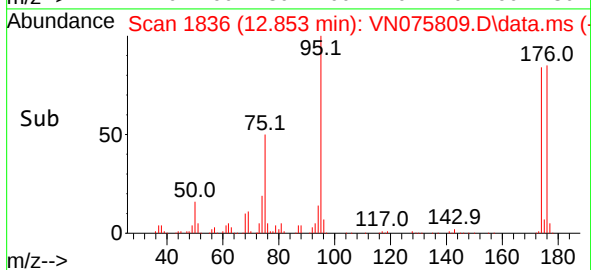
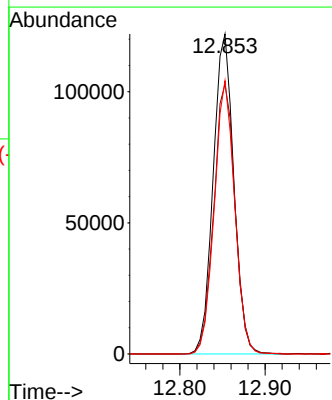
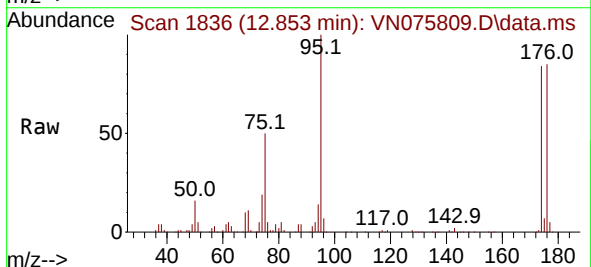
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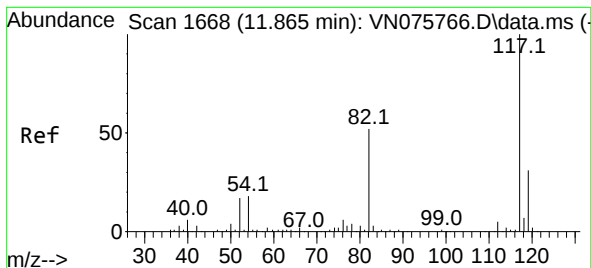
Tgt Ion: 98 Resp: 667516
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.033 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075809.D
Acq: 15 Dec 2022 11:38

Tgt Ion: 95 Resp: 205089
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.0 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075809.D

Acq: 15 Dec 2022 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBL01

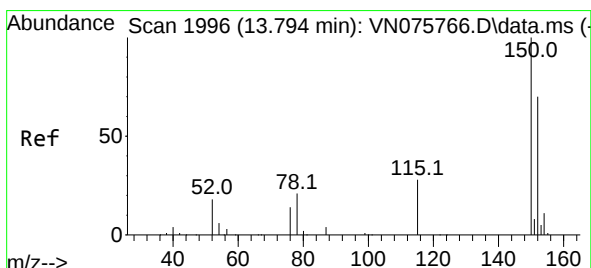
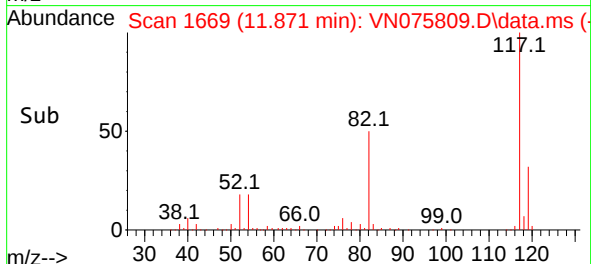
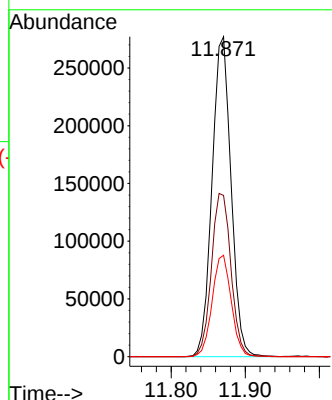
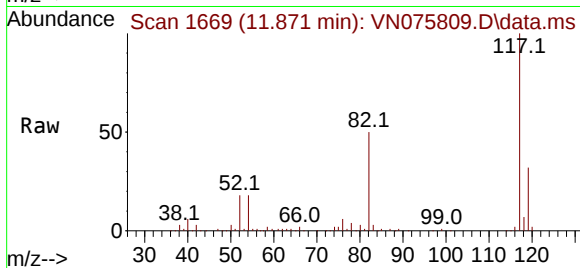
Tgt Ion:117 Resp: 493336

Ion Ratio Lower Upper

117 100

82 50.4 41.3 61.9

119 31.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075809.D

Acq: 15 Dec 2022 11:38

Tgt Ion:152 Resp: 203772

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 158.8 0.0 347.0

