

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075930.D
 Acq On : 21 Dec 2022 19:28
 Operator : JC\MD
 Sample : N6161-07
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0116

Quant Time: Dec 22 03:06:00 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	8.229	168	319724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	399280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157986	45.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.840%
35) Dibromofluoromethane	8.171	113	139923	46.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	10.570	98	553849	48.816	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.853	95	158371	42.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.280%

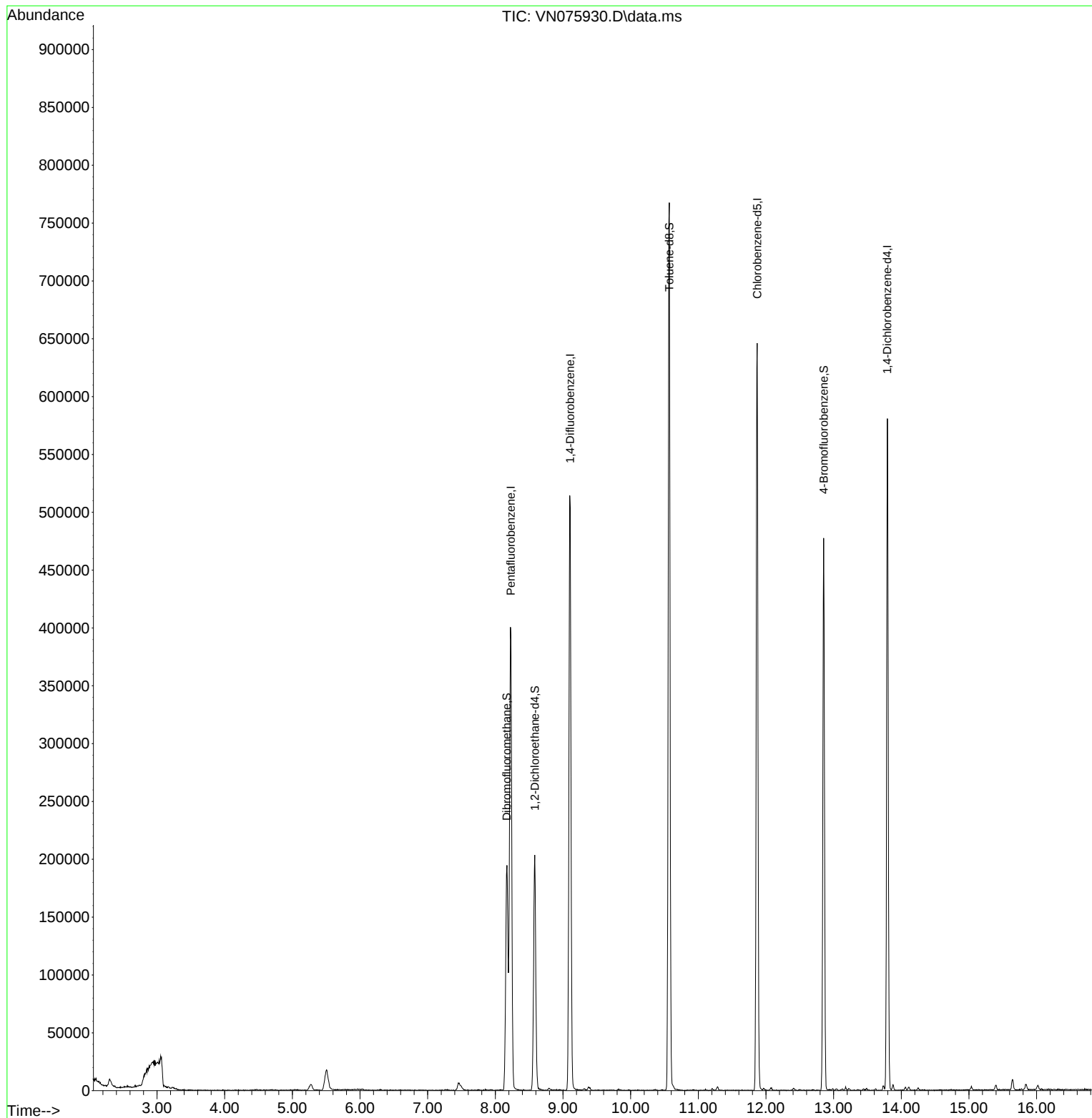
Target Compounds	Qvalue

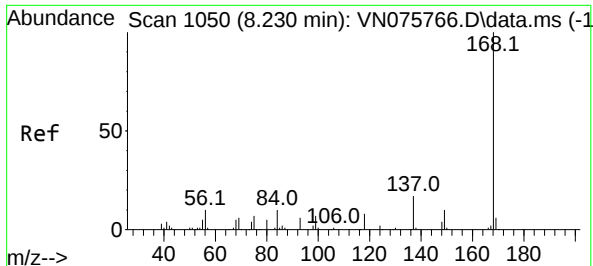
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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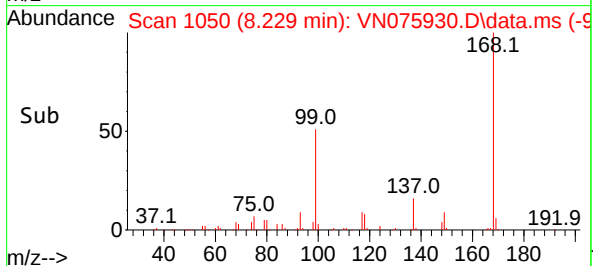
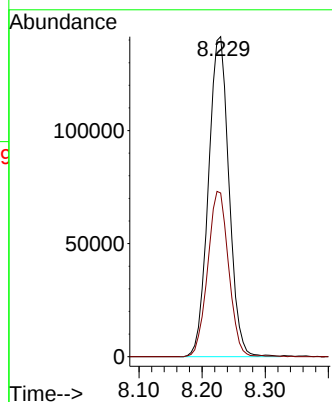
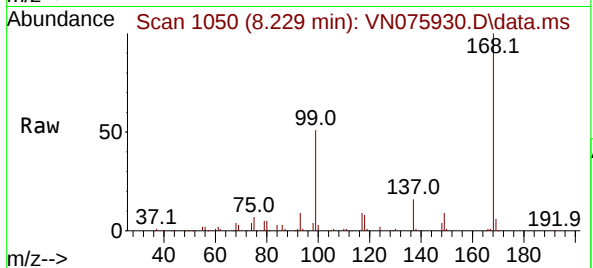




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VN075930.D
Acq: 21 Dec 2022 19:28

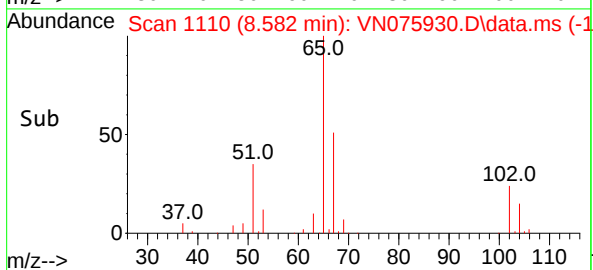
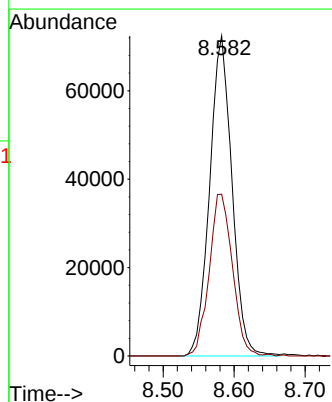
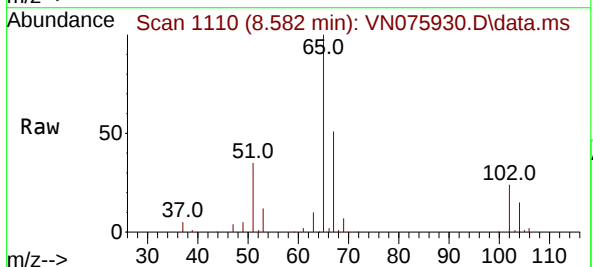
Instrument :
MSVOA_N
ClientSampleId :
CLI-0116

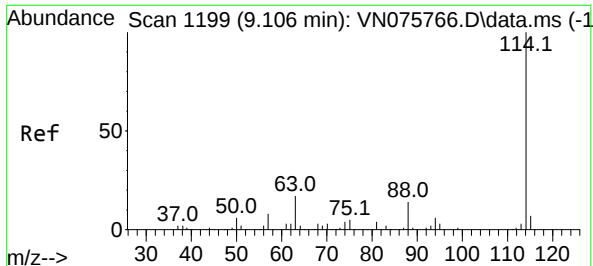
Tgt Ion:168 Resp: 319724
Ion Ratio Lower Upper
168 100
99 51.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.420 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075930.D
Acq: 21 Dec 2022 19:28

Tgt Ion: 65 Resp: 157986
Ion Ratio Lower Upper
65 100
67 52.6 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: VN075930.D

Acq: 21 Dec 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

CLI-0116

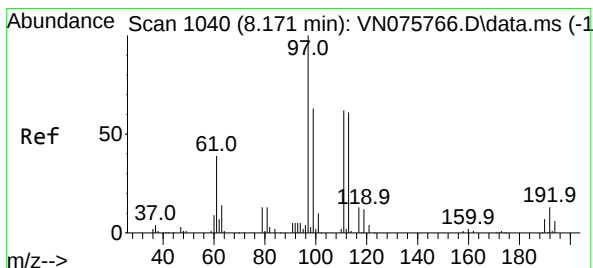
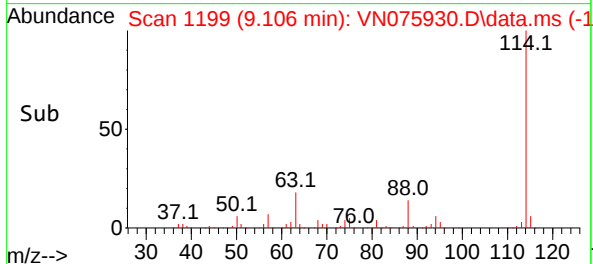
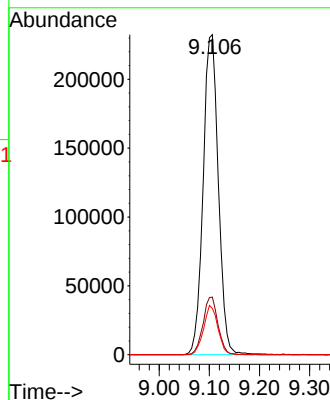
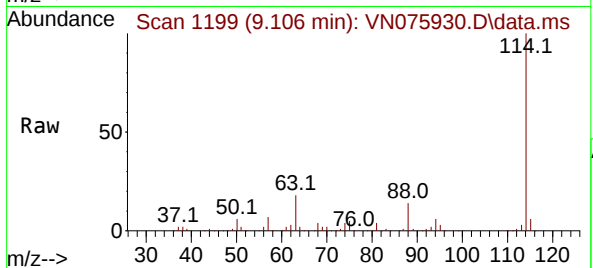
Tgt Ion:114 Resp: 490001

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.111 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075930.D

Acq: 21 Dec 2022 19:28

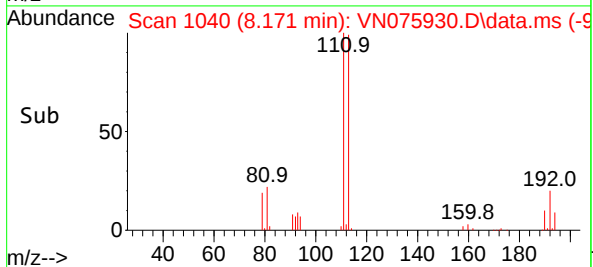
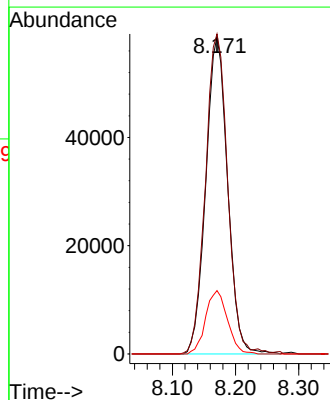
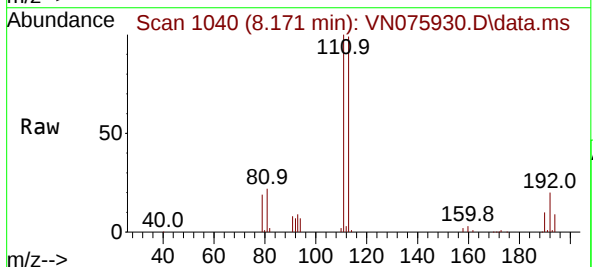
Tgt Ion:113 Resp: 139923

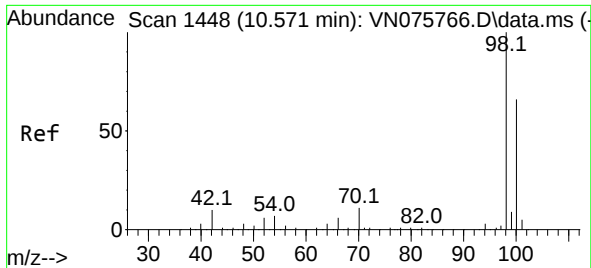
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 20.0 16.1 24.1

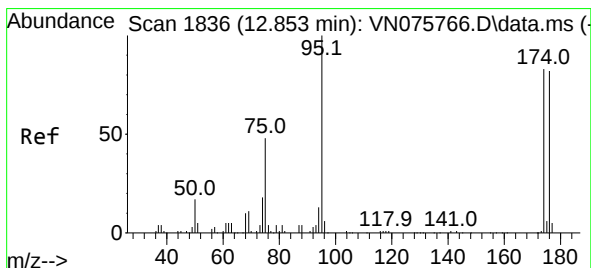
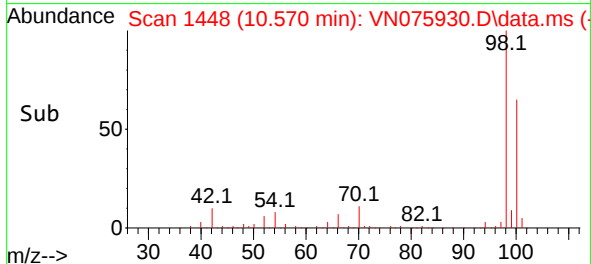
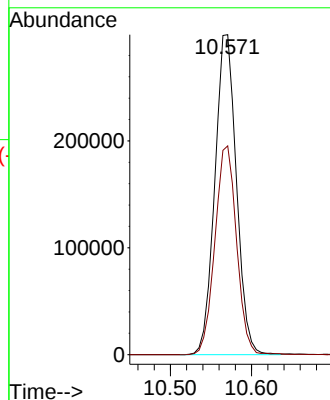
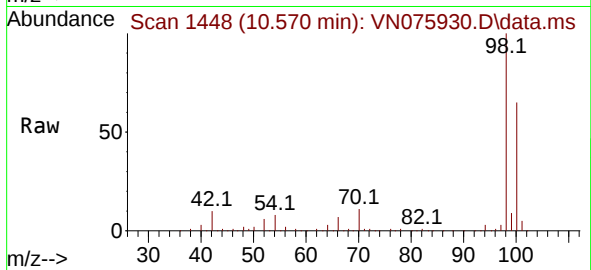




#50
Toluene-d8
Concen: 48.816 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075930.D
Acq: 21 Dec 2022 19:28

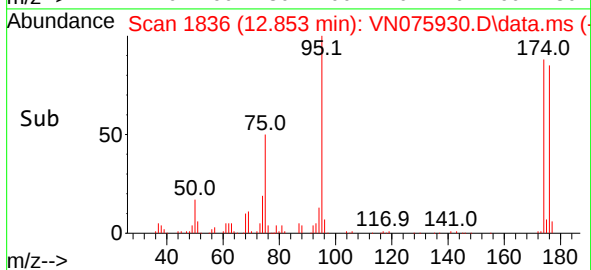
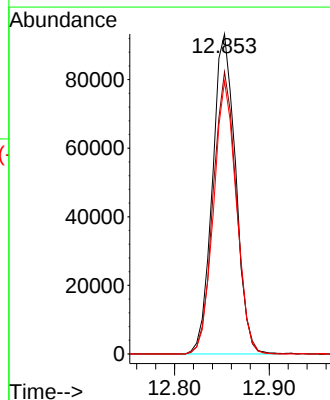
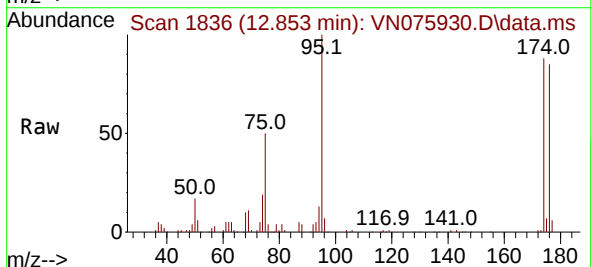
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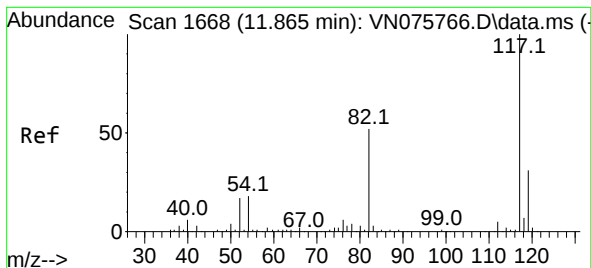
Tgt Ion: 98 Resp: 553849
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.145 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075930.D
Acq: 21 Dec 2022 19:28

Tgt Ion: 95 Resp: 158371
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 83.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075930.D

Acq: 21 Dec 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

CLI-0116

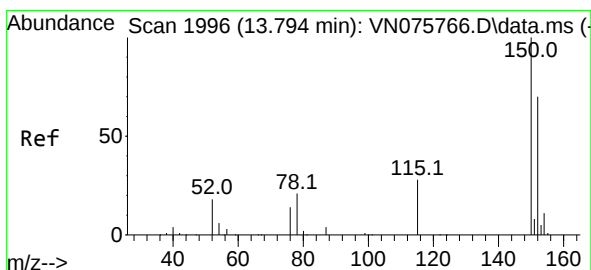
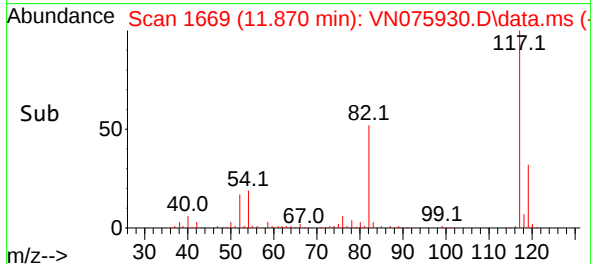
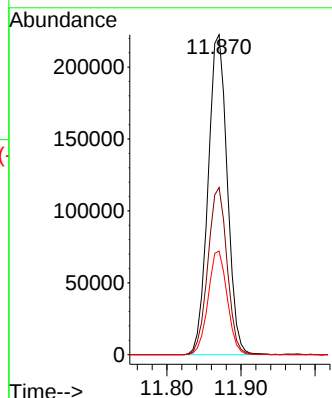
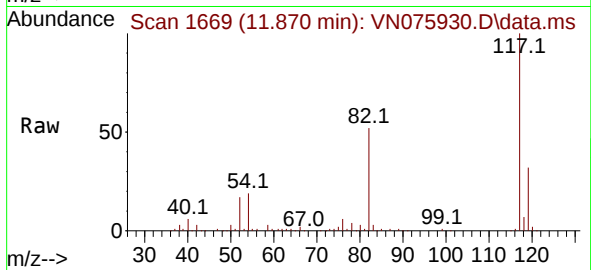
Tgt Ion:117 Resp: 399280

Ion Ratio Lower Upper

117 100

82 52.2 41.3 61.9

119 32.4 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: VN075930.D

Acq: 21 Dec 2022 19:28

Tgt Ion:152 Resp: 162525

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.4

150 157.1 0.0 347.0

