

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076383.D
 Acq On : 24 Jan 2023 15:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 25 00:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220747	50.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.460%
35) Dibromofluoromethane	8.177	113	189073	48.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	10.571	98	725207	50.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	229335	48.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.100%

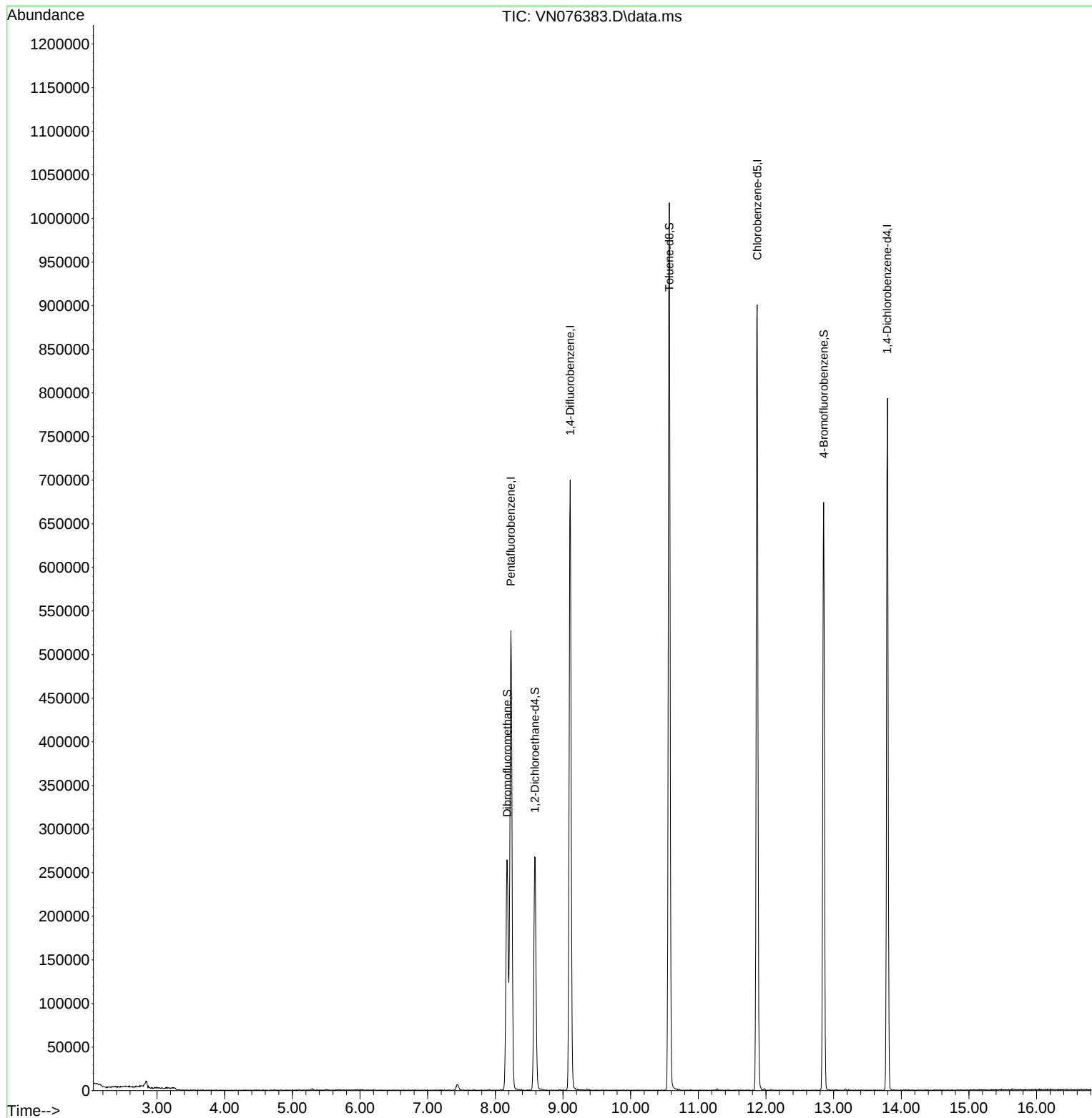
Target Compounds	Qvalue

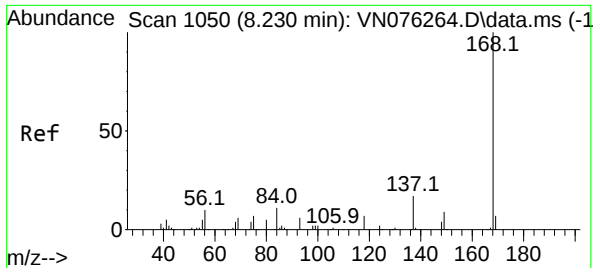
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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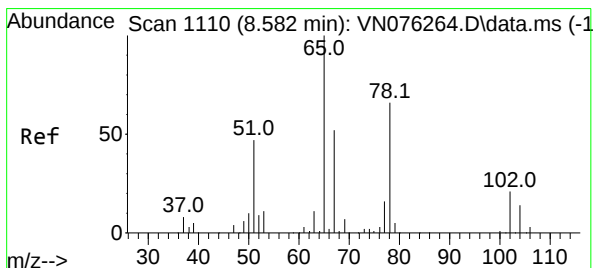
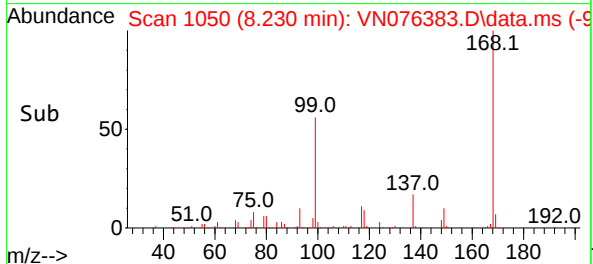
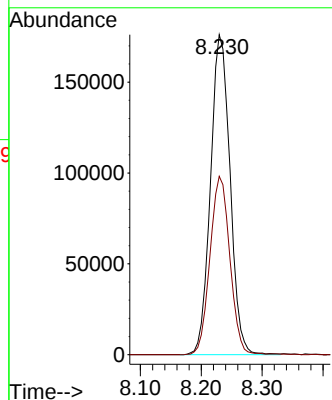
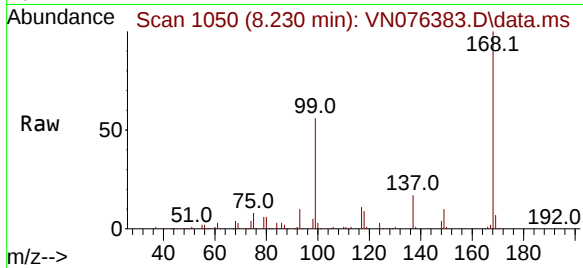




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

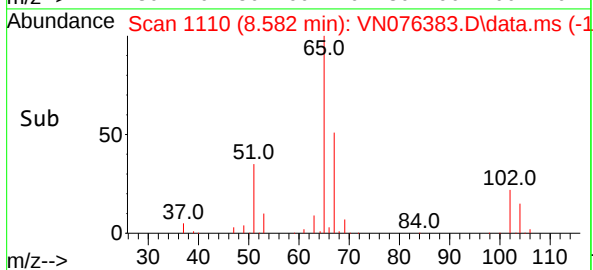
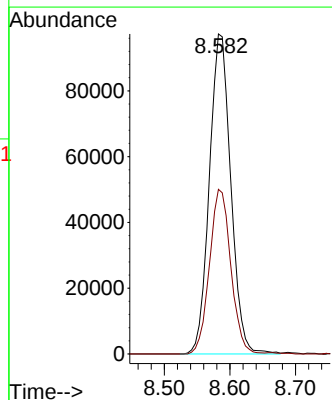
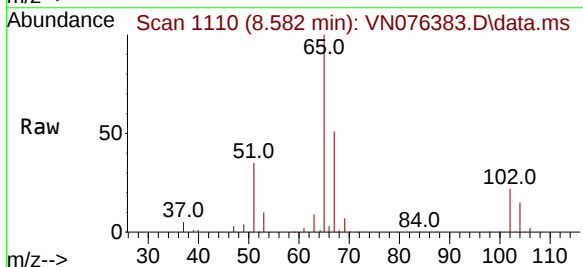
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 392516
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.228 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion: 65 Resp: 220747
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

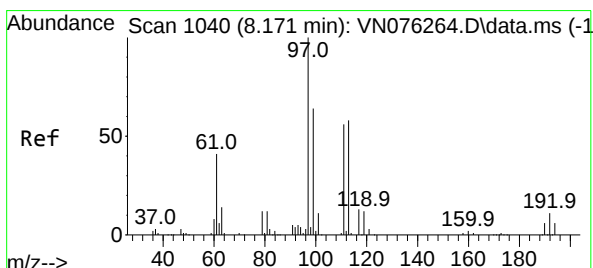
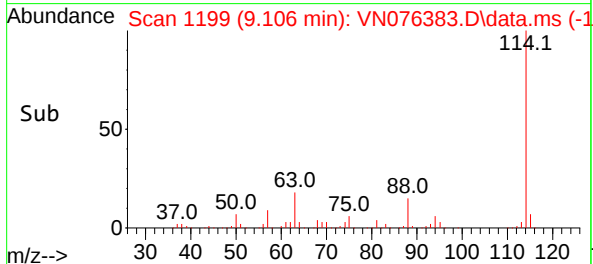
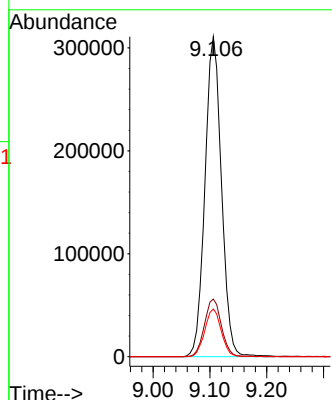
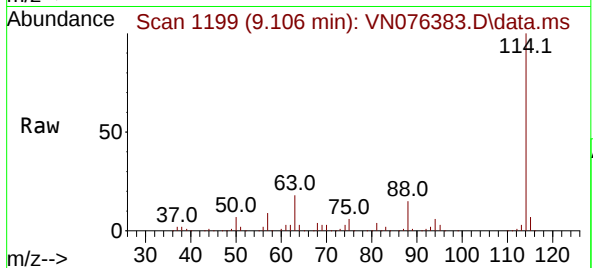




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

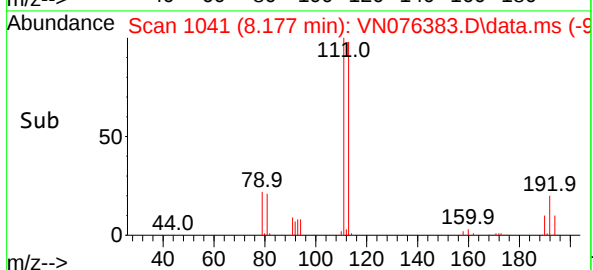
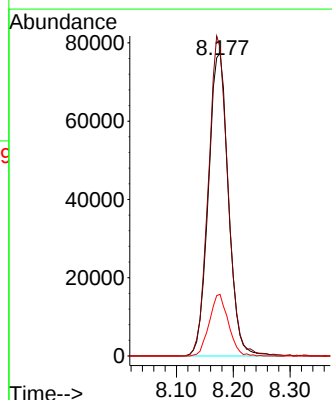
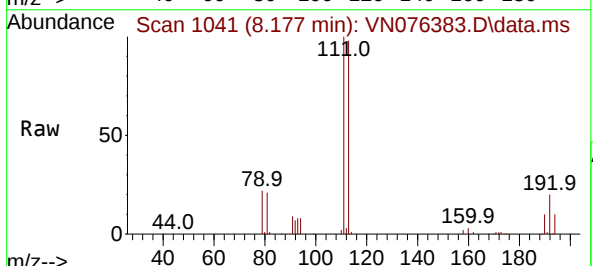
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 626365
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.8
88 14.9 0.0 28.0



#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion:113 Resp: 189073
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 19.4 15.6 23.4

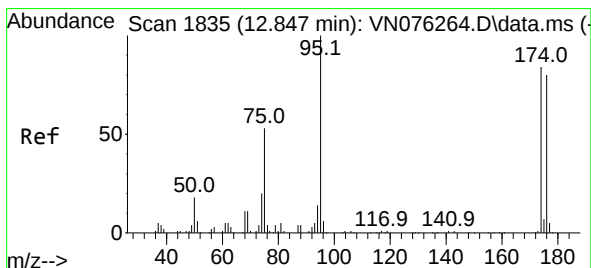
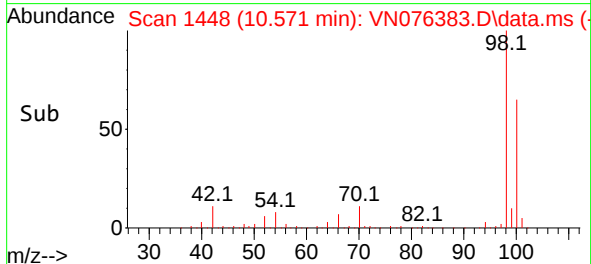
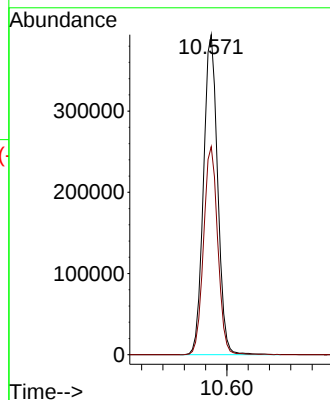
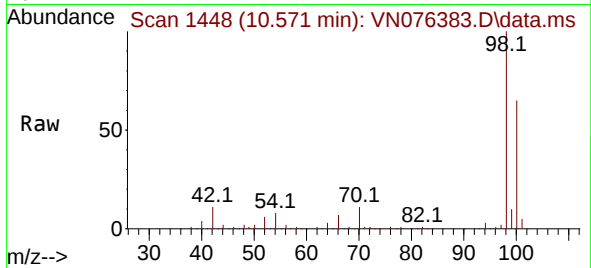




#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

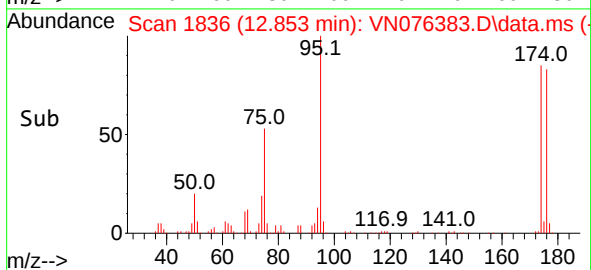
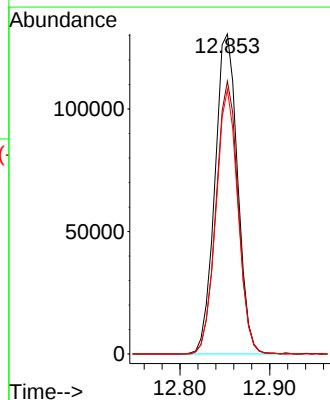
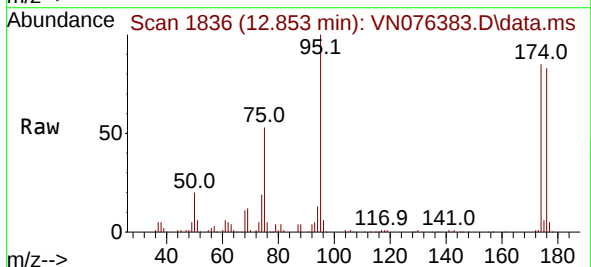
Instrument :
MSVOA_N
ClientSampleId :
IBLK

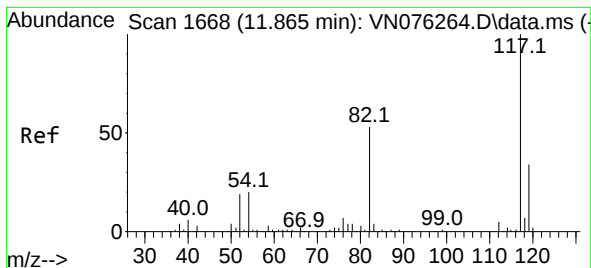
Tgt Ion: 98 Resp: 725207
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.548 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion: 95 Resp: 229335
Ion Ratio Lower Upper
95 100
174 82.9 0.0 174.6
176 80.1 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

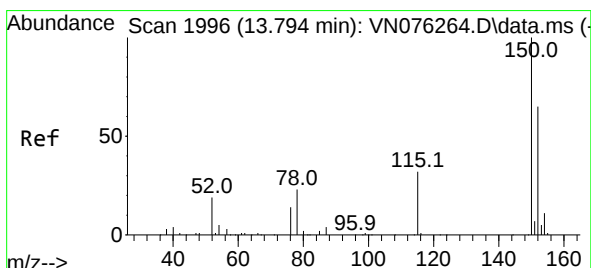
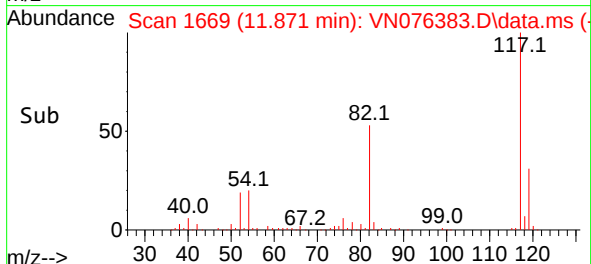
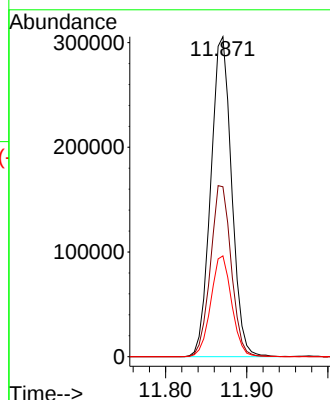
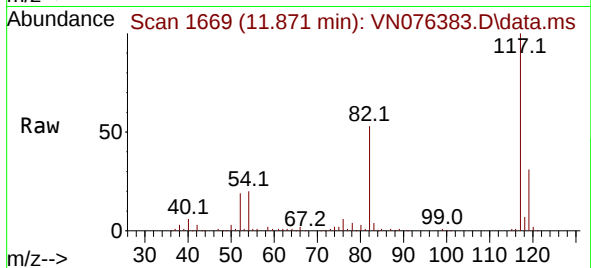
Tgt Ion:117 Resp: 544199

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

119 31.5 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Tgt Ion:152 Resp: 215482

Ion Ratio Lower Upper

152 100

115 58.8 29.6 88.9

150 160.1 0.0 351.4

