

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076362.D
 Acq On : 23 Jan 2023 13:24
 Operator : JC\MD
 Sample : 01233-06
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P37A

Quant Time: Jan 23 13:59:00 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	8.224	168	364558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	569790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195212	47.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.171	113	171994	48.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	10.565	98	651004	49.456	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.853	95	192090	44.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%

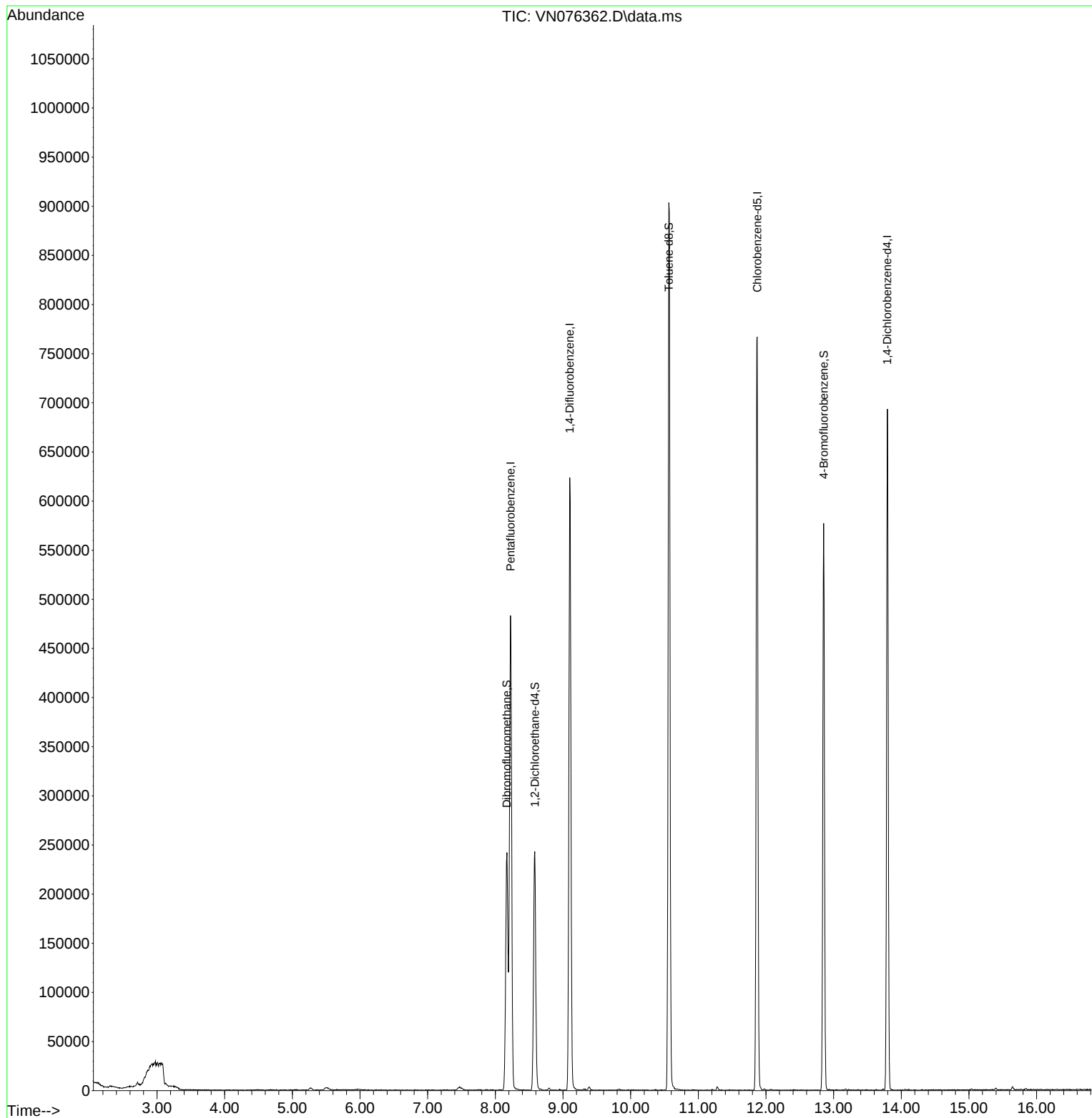
Target Compounds	Qvalue

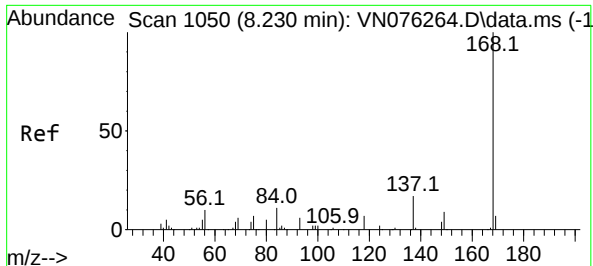
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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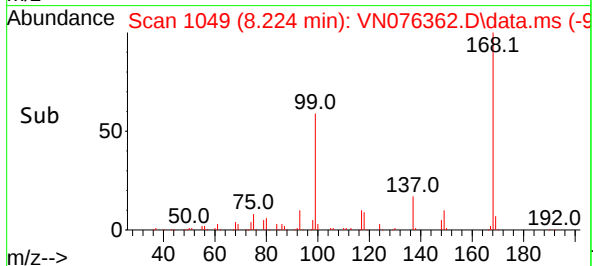
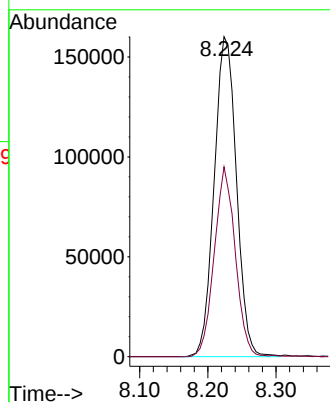
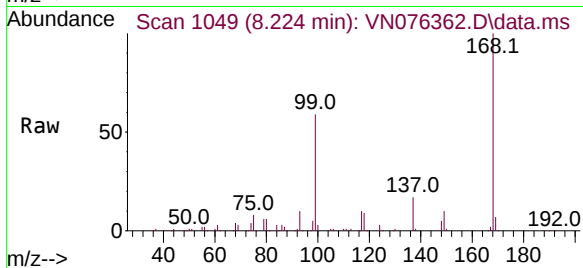




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

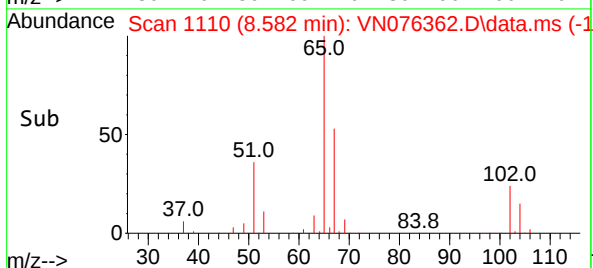
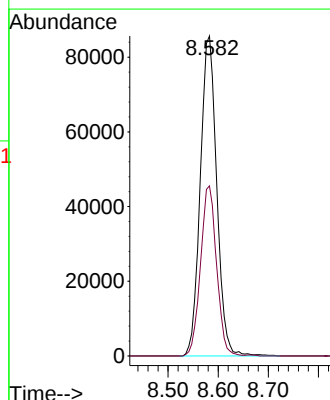
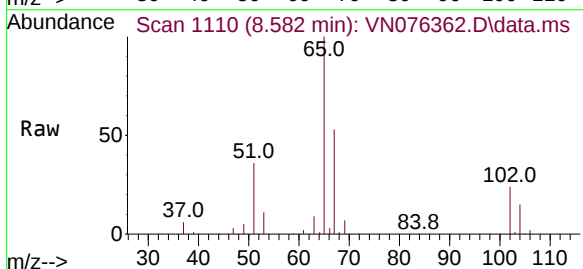
Instrument :
MSVOA_N
ClientSampleId :
B-P37A

Tgt Ion:168 Resp: 364558
Ion Ratio Lower Upper
168 100
99 59.3 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.824 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 65 Resp: 195212
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076362.D

Acq: 23 Jan 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

B-P37A

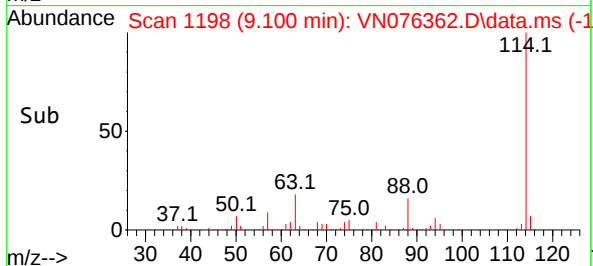
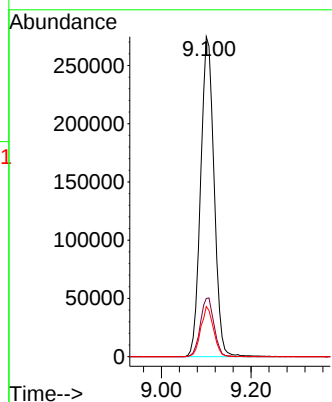
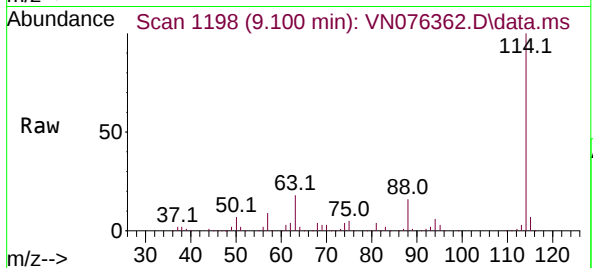
Tgt Ion:114 Resp: 569790

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.255 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076362.D

Acq: 23 Jan 2023 13:24

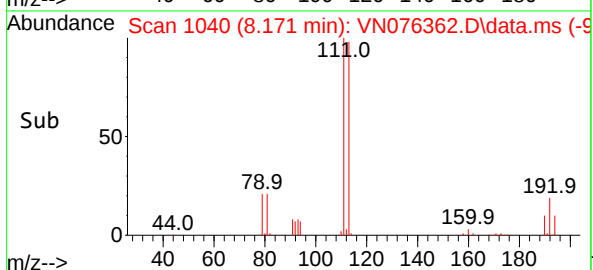
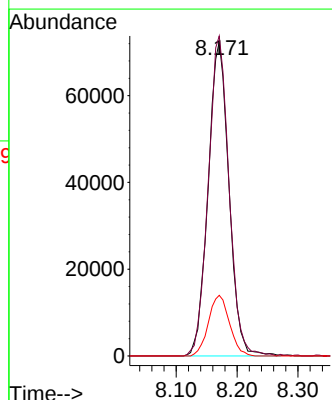
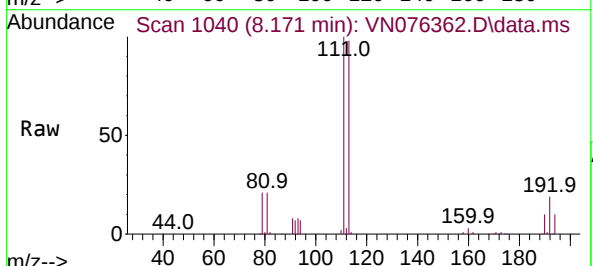
Tgt Ion:113 Resp: 171994

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 19.5 15.6 23.4

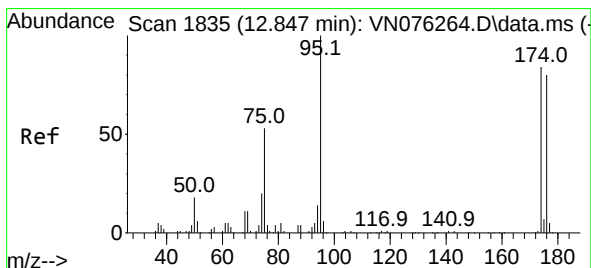
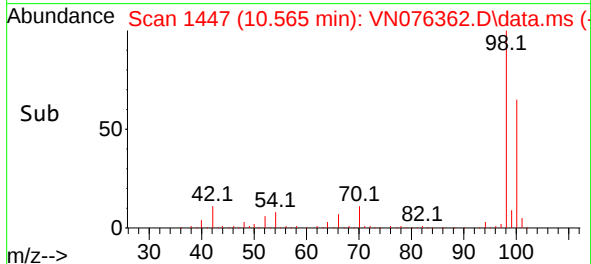
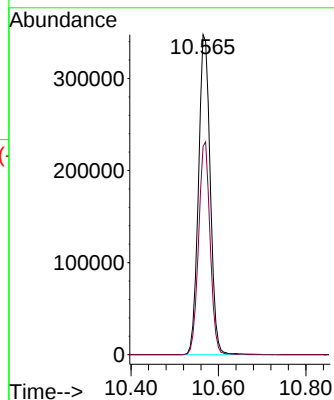
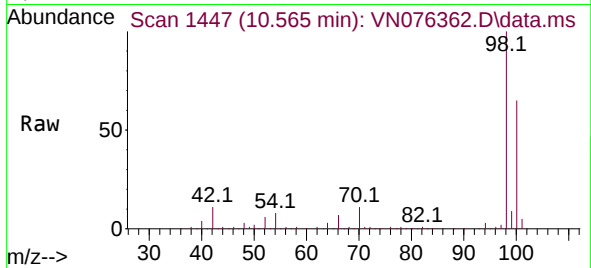




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

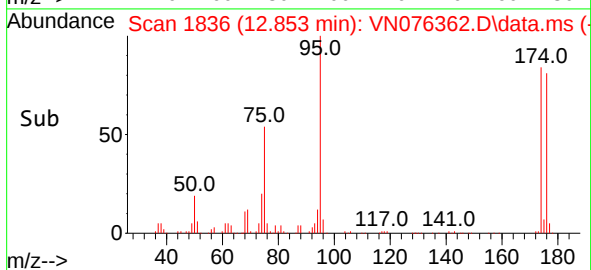
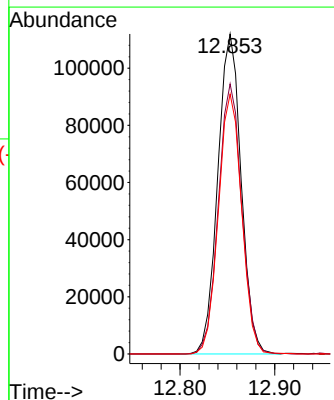
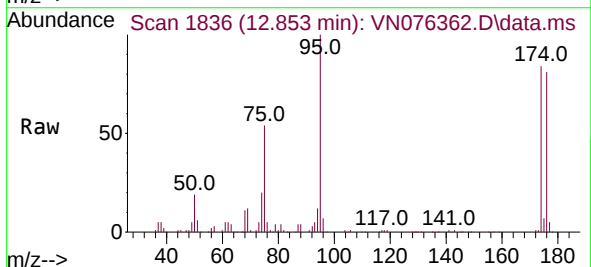
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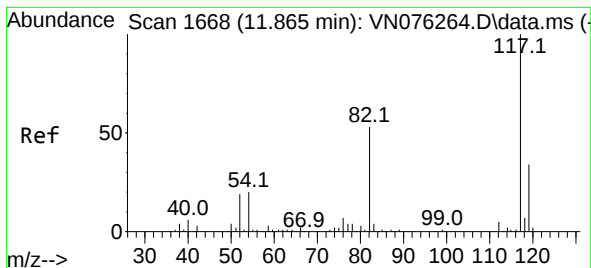
Tgt Ion: 98 Resp: 651004
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.701 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076362.D
Acq: 23 Jan 2023 13:24

Tgt Ion: 95 Resp: 192090
Ion Ratio Lower Upper
95 100
174 84.5 0.0 174.6
176 80.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076362.D

Acq: 23 Jan 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

B-P37A

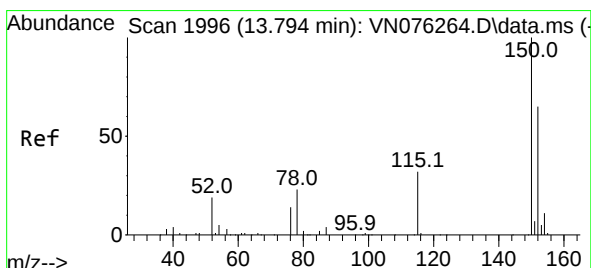
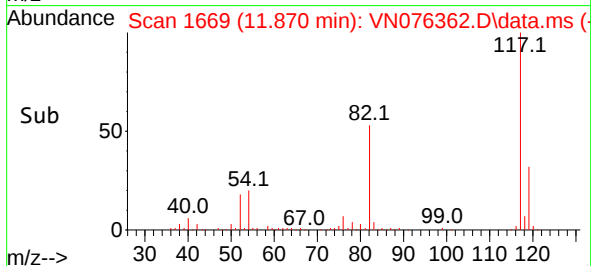
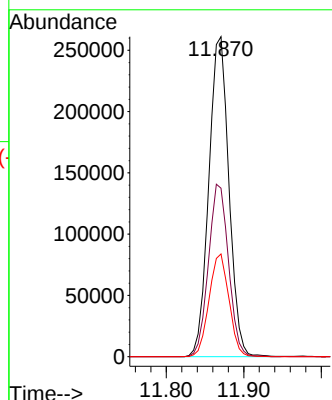
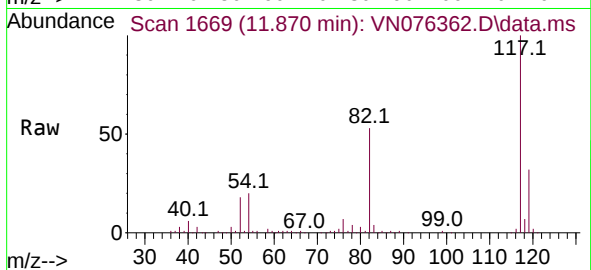
Tgt Ion:117 Resp: 469907

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

119 32.1 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: VN076362.D

Acq: 23 Jan 2023 13:24

Tgt Ion:152 Resp: 191931

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.9

150 159.4 0.0 351.4

