

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076475.D
 Acq On : 31 Jan 2023 09:51
 Operator : JC\MD
 Sample : VN0131MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Quant Time: Feb 01 00:43:07 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	8.229	168	358104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219327	54.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.400%
35) Dibromofluoromethane	8.177	113	185491	50.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	10.570	98	672592	49.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	200573	45.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%

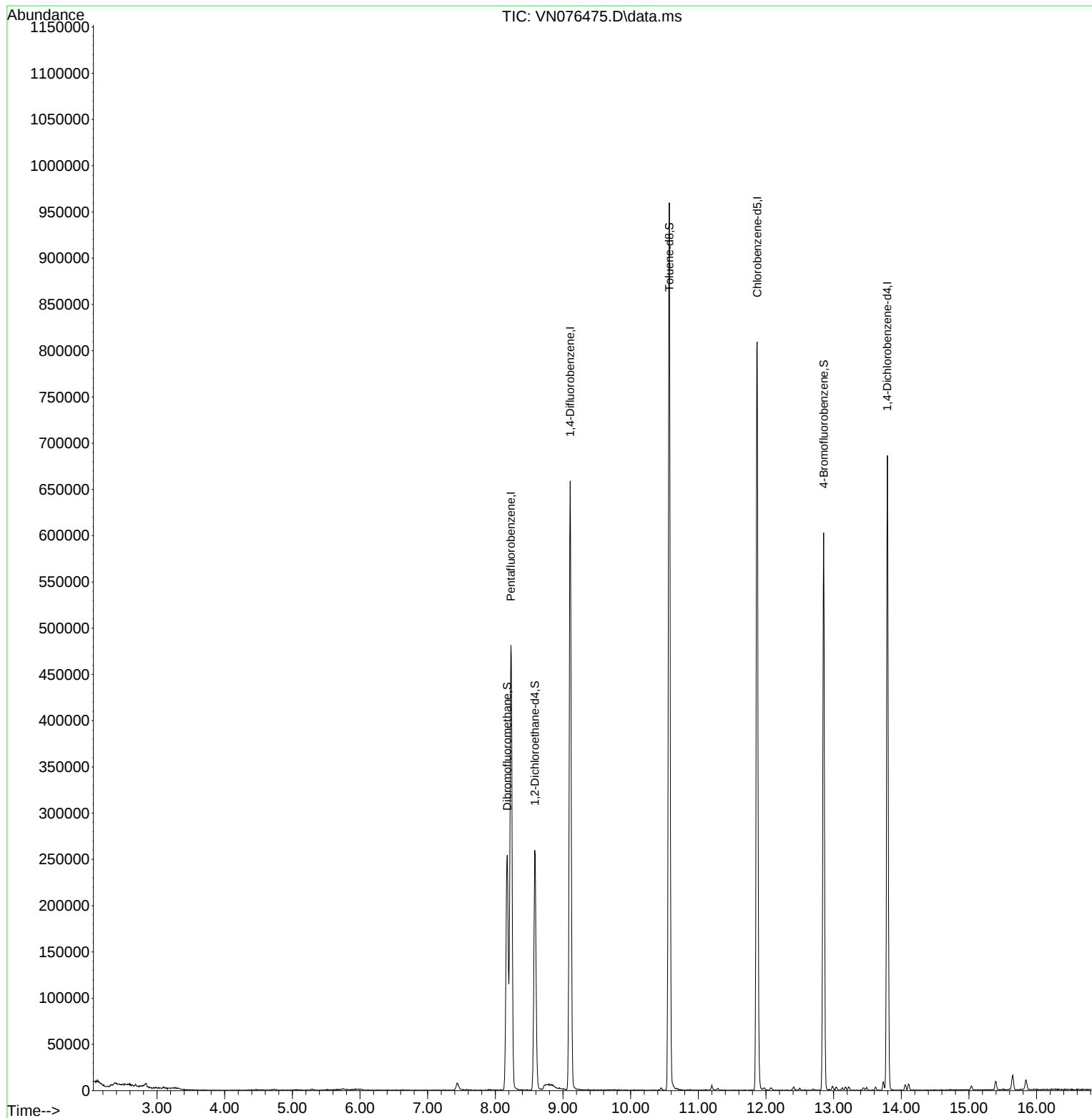
Target Compounds	Qvalue

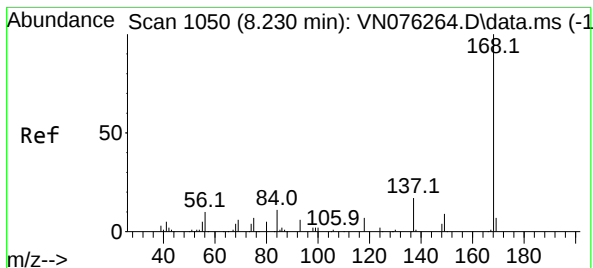
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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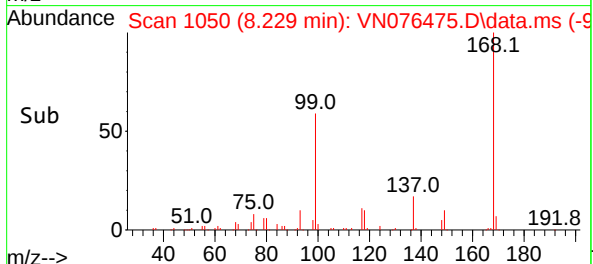
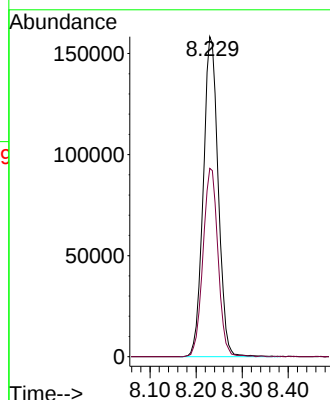
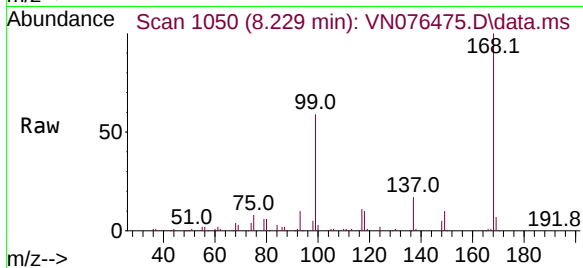




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076475.D
Acq: 31 Jan 2023 09:51

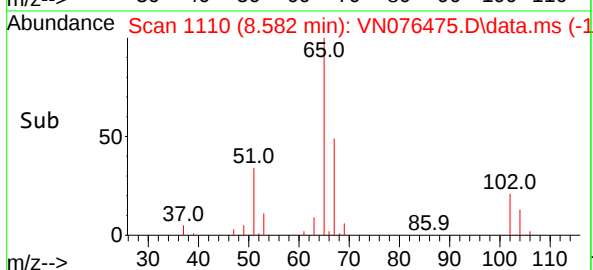
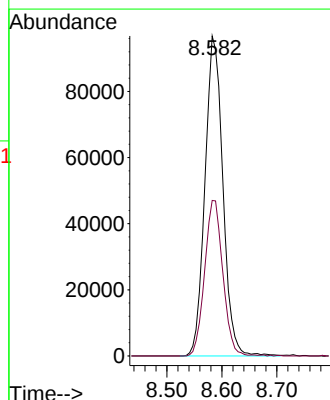
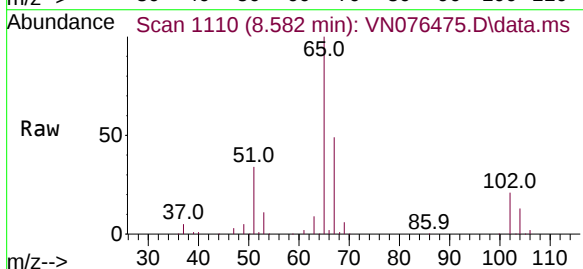
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

Tgt Ion:168 Resp: 358104
Ion Ratio Lower Upper
168 100
99 58.9 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 54.700 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076475.D
Acq: 31 Jan 2023 09:51

Tgt Ion: 65 Resp: 219327
Ion Ratio Lower Upper
65 100
67 49.3 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: VN076475.D

Acq: 31 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

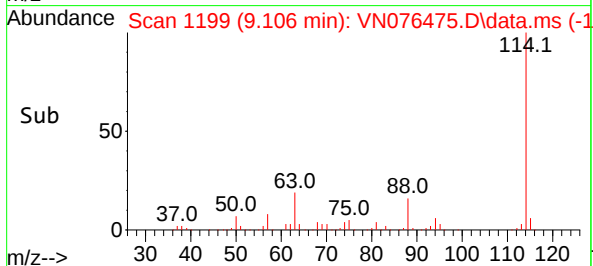
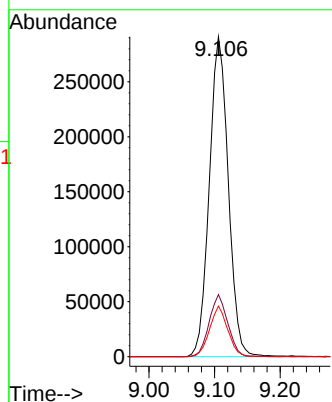
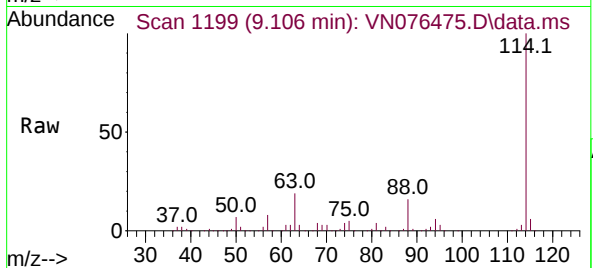
Tgt Ion:114 Resp: 584552

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.8

88 15.8 0.0 28.0



#35

Dibromofluoromethane

Concen: 50.727 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076475.D

Acq: 31 Jan 2023 09:51

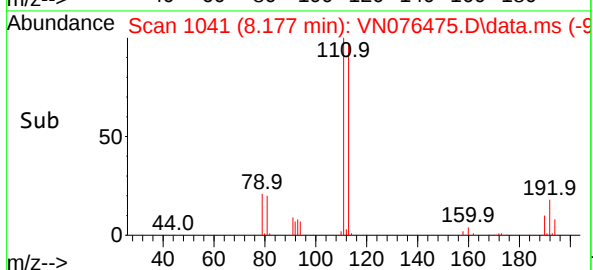
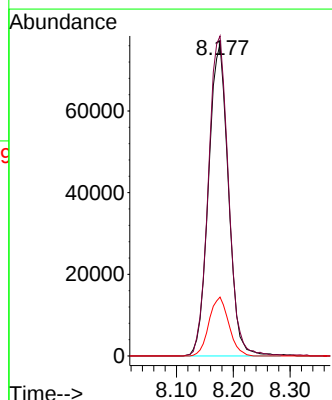
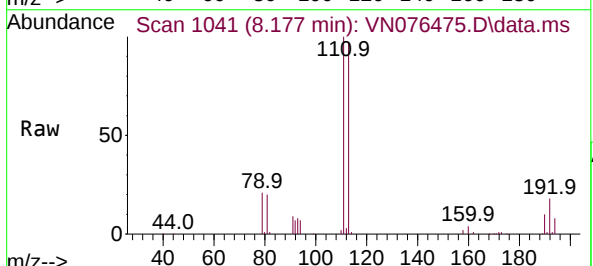
Tgt Ion:113 Resp: 185491

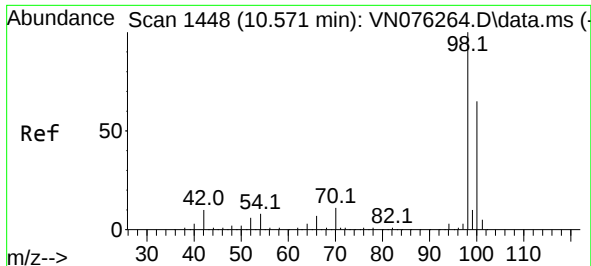
Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 18.8 15.6 23.4

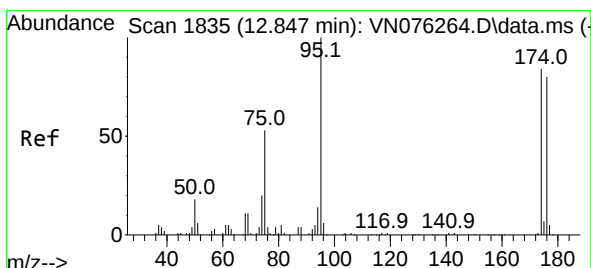
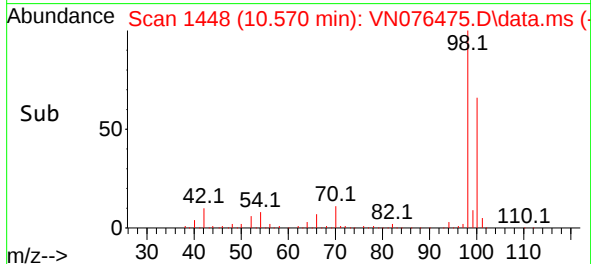
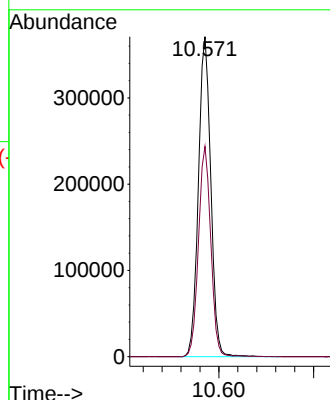
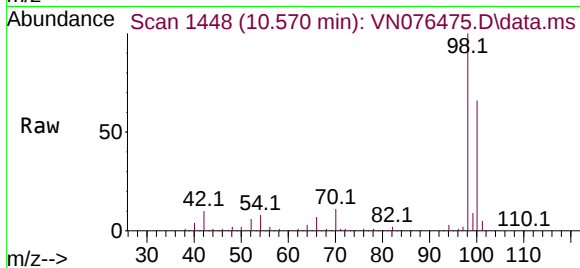




#50
Toluene-d8
Concen: 49.806 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076475.D
Acq: 31 Jan 2023 09:51

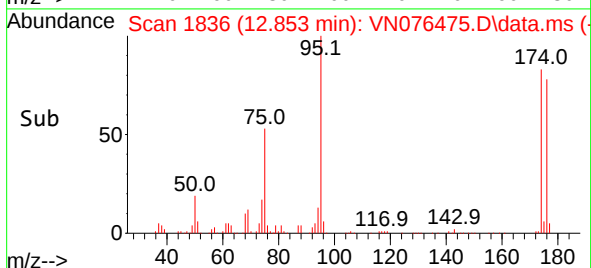
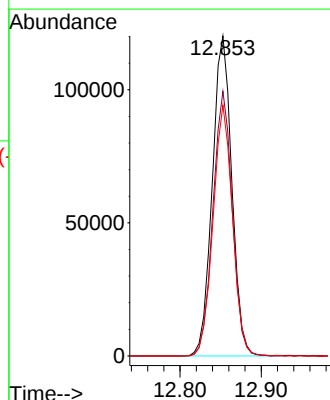
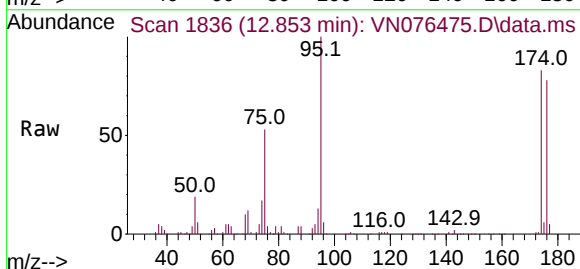
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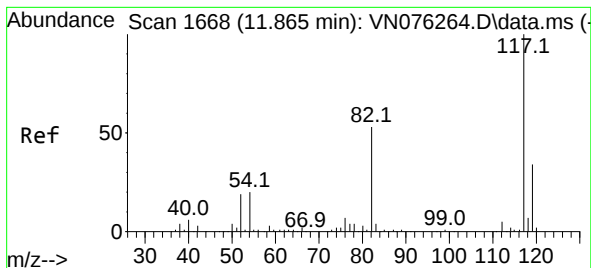
Tgt Ion: 98 Resp: 672592
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.497 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076475.D
Acq: 31 Jan 2023 09:51

Tgt Ion: 95 Resp: 200573
Ion Ratio Lower Upper
95 100
174 82.2 0.0 174.6
176 78.1 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: VN076475.D

Acq: 31 Jan 2023 09:51

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

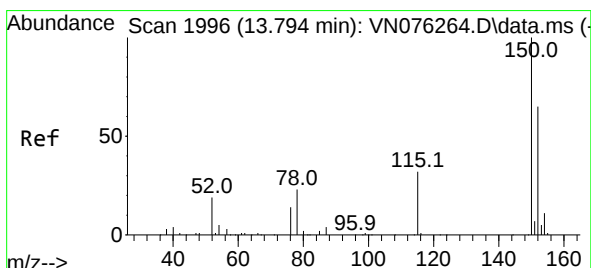
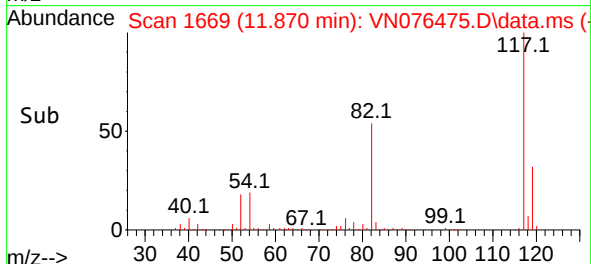
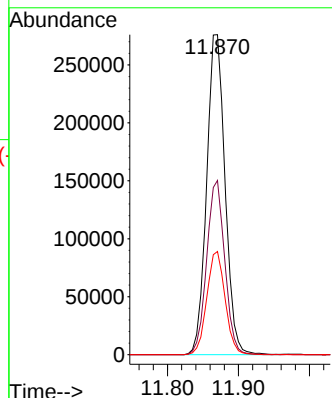
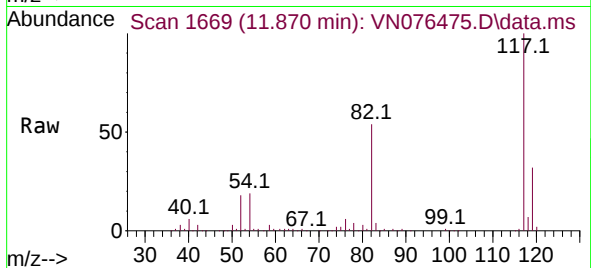
Tgt Ion:117 Resp: 498552

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.2

119 32.3 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: VN076475.D

Acq: 31 Jan 2023 09:51

Tgt Ion:152 Resp: 184257

Ion Ratio Lower Upper

152 100

115 60.5 29.6 88.9

150 159.4 0.0 351.4

