

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076365.D
 Acq On : 23 Jan 2023 14:36
 Operator : JC\MD
 Sample : 01234-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-11923

Quant Time: Jan 24 00:37:48 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	402783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	625691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218334	48.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.820%
35) Dibromofluoromethane	8.171	113	182553	46.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	10.565	98	714494	49.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	224989	47.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%

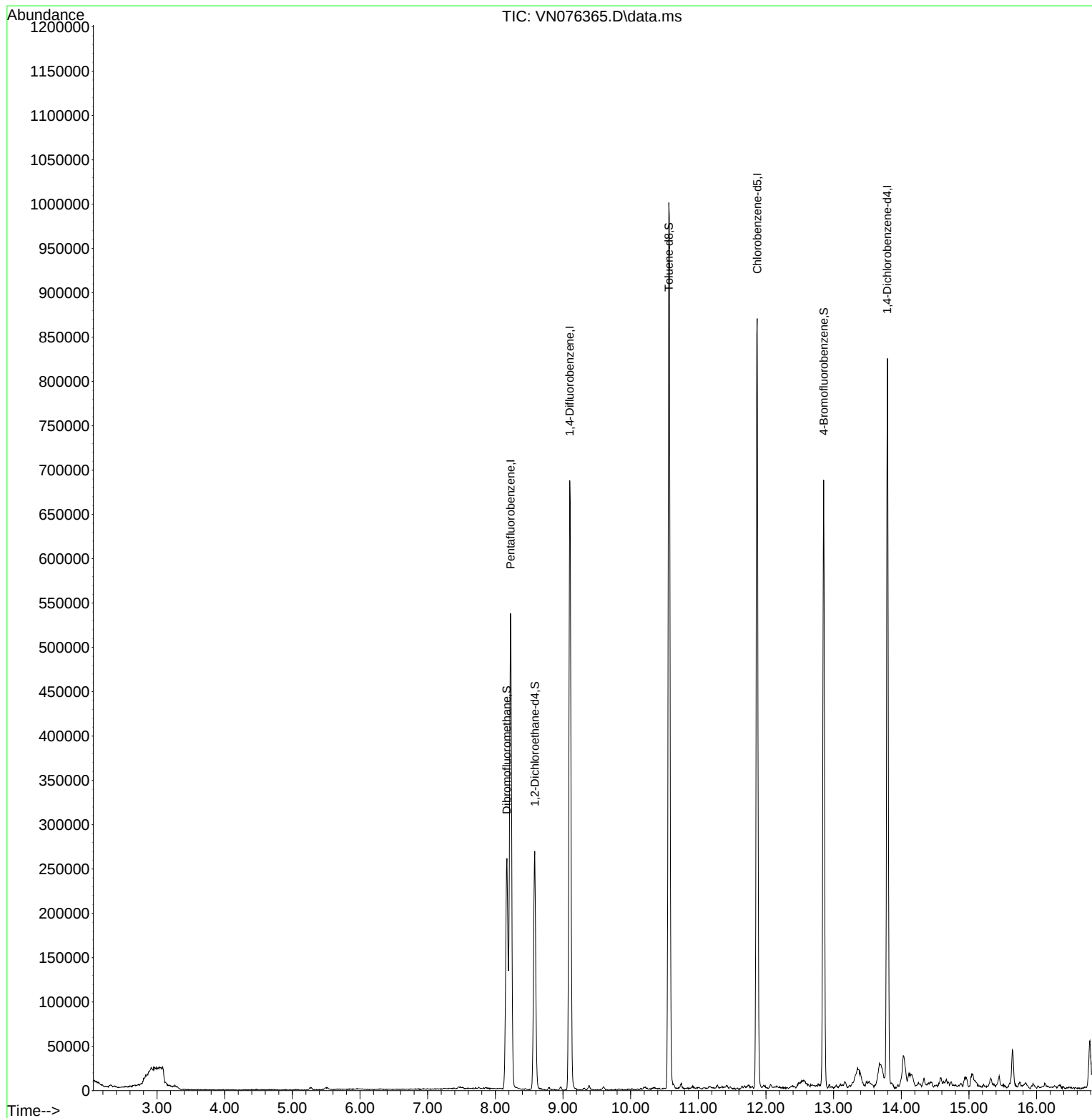
Target Compounds	Qvalue

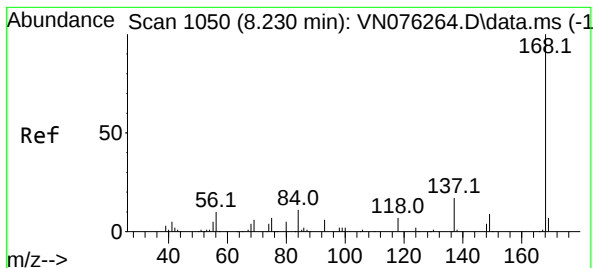
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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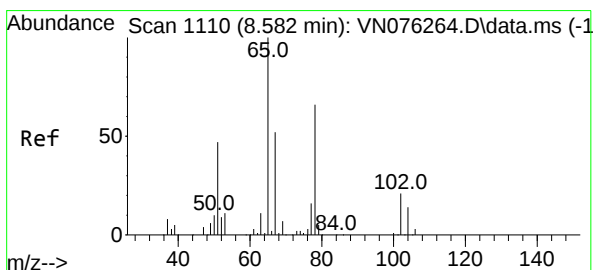
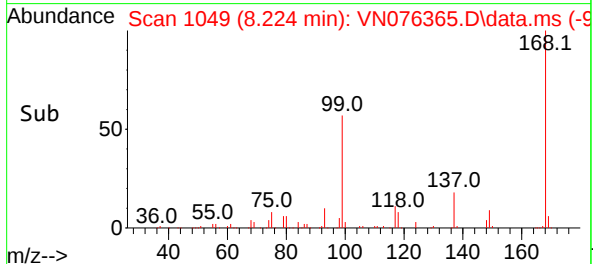
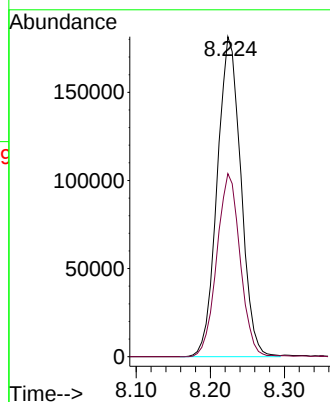
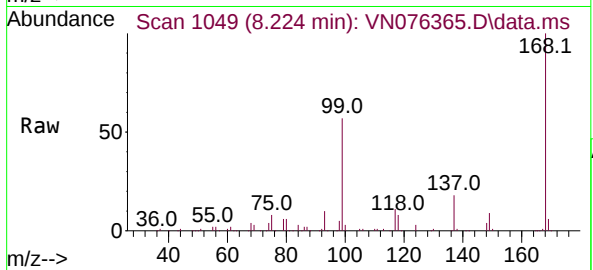




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076365.D
Acq: 23 Jan 2023 14:36

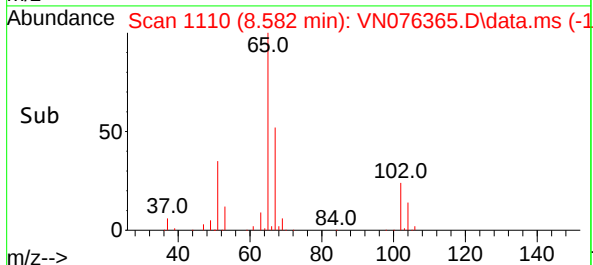
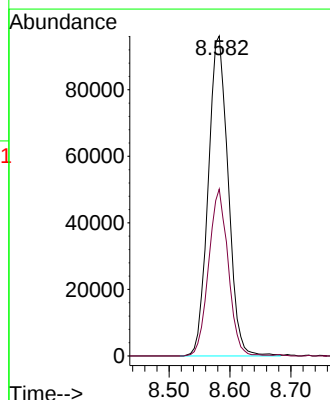
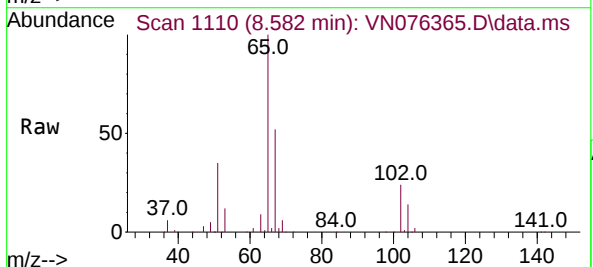
Instrument :
MSVOA_N
ClientSampleId :
EO-02-11923

Tgt Ion:168 Resp: 402783
Ion Ratio Lower Upper
168 100
99 57.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 48.412 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076365.D
Acq: 23 Jan 2023 14:36

Tgt Ion: 65 Resp: 218334
Ion Ratio Lower Upper
65 100
67 51.1 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: VN076365.D

Acq: 23 Jan 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

EO-02-11923

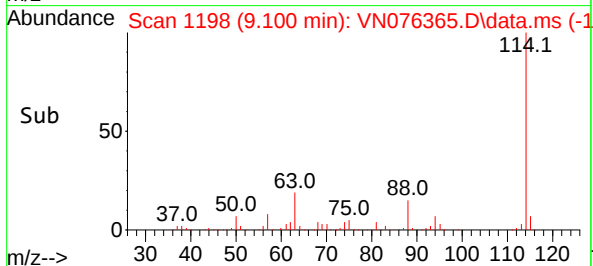
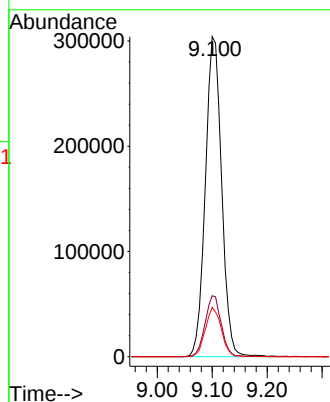
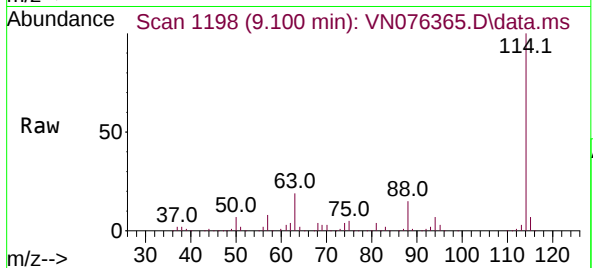
Tgt Ion:114 Resp: 625691

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 15.4 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.642 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076365.D

Acq: 23 Jan 2023 14:36

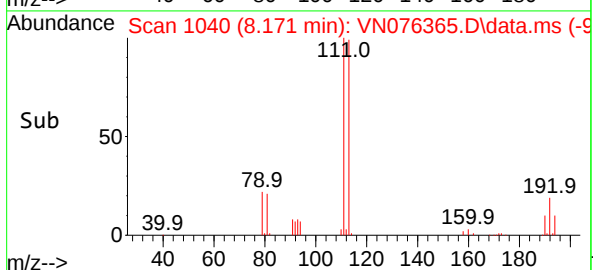
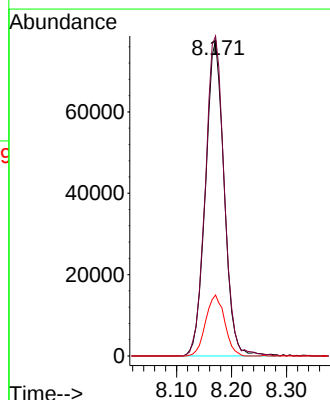
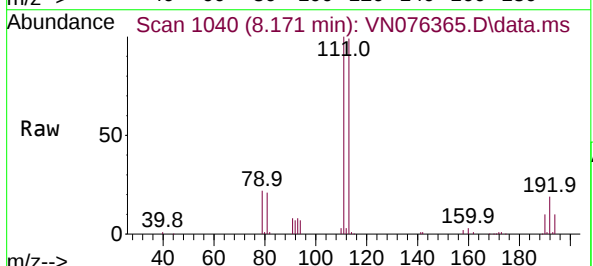
Tgt Ion:113 Resp: 182553

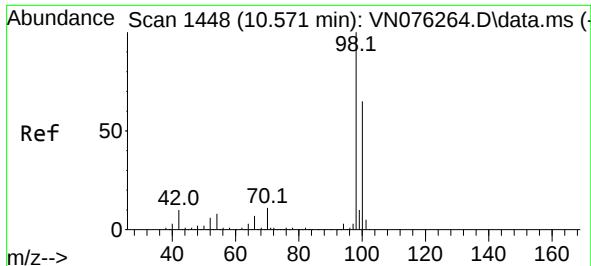
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 19.6 15.6 23.4

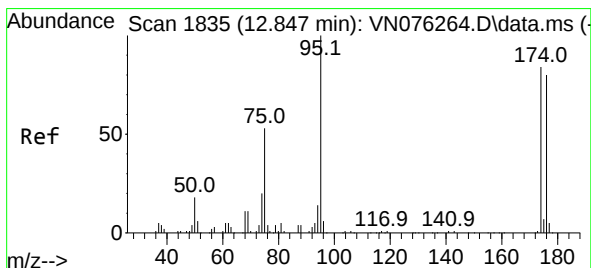
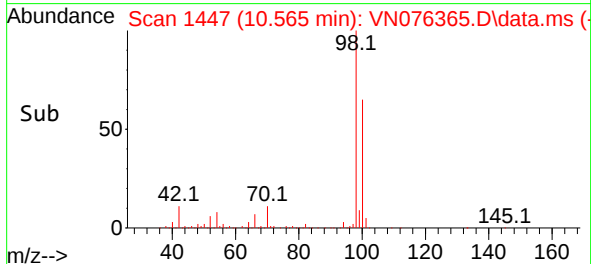
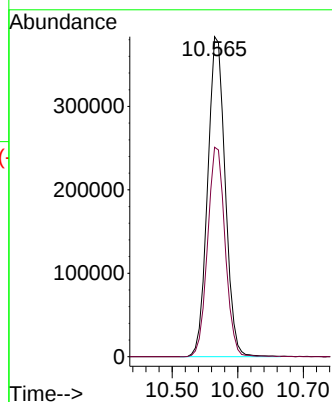
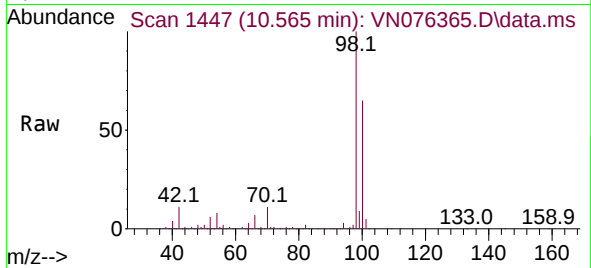




#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076365.D
Acq: 23 Jan 2023 14:36

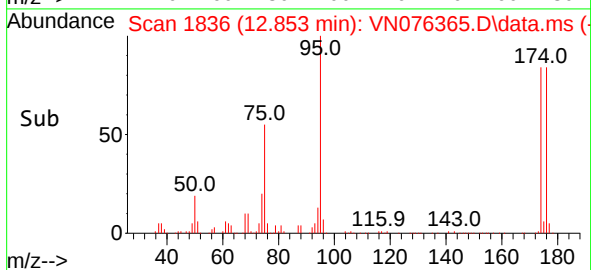
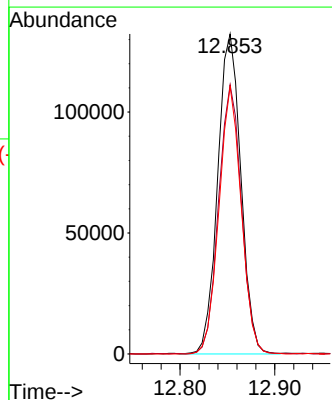
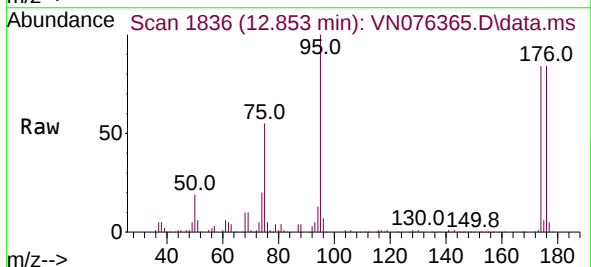
Instrument :
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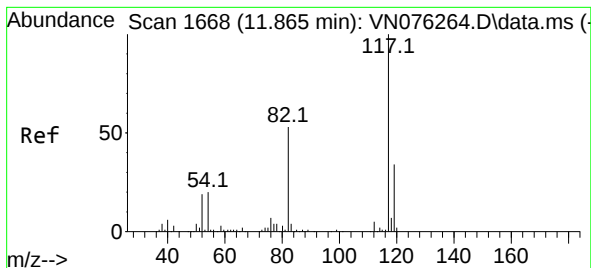
Tgt Ion: 98 Resp: 714494
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.679 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076365.D
Acq: 23 Jan 2023 14:36

Tgt Ion: 95 Resp: 224989
Ion Ratio Lower Upper
95 100
174 83.1 0.0 174.6
176 80.3 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: VN076365.D

Acq: 23 Jan 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

EO-02-11923

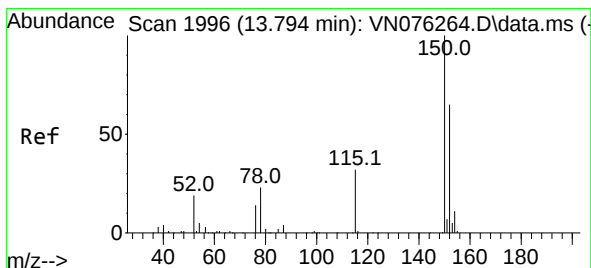
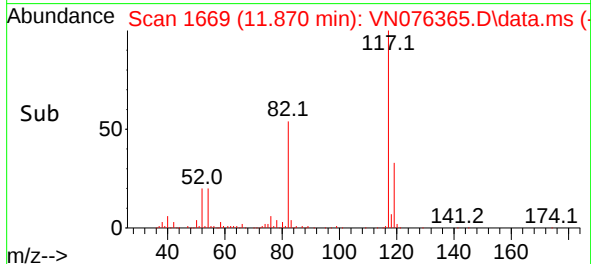
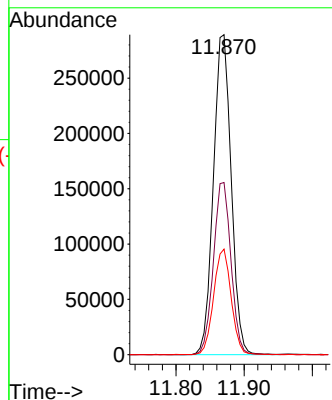
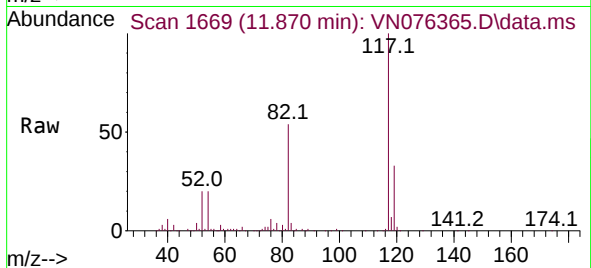
Tgt Ion:117 Resp: 525915

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.2

119 33.0 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: VN076365.D

Acq: 23 Jan 2023 14:36

Tgt Ion:152 Resp: 226983

Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.9

150 155.5 0.0 351.4

