

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075860.D
 Acq On : 16 Dec 2022 20:14
 Operator : JC\MD
 Sample : N6102-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 17 08:44:40 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	8.235	168	373741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192503	47.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.700%
35) Dibromofluoromethane	8.171	113	171712	47.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	10.571	98	680273	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	216129	48.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.500%

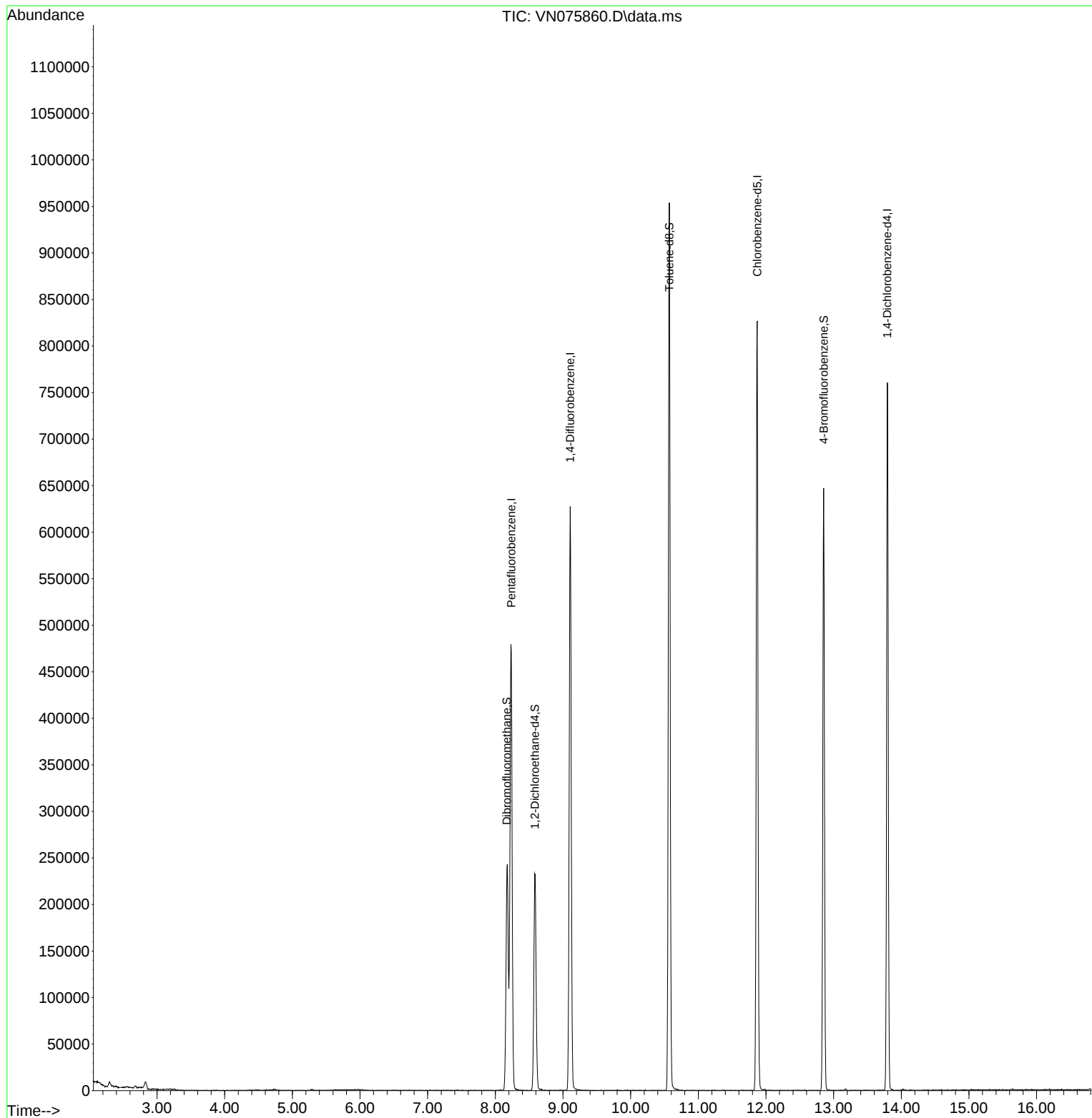
Target Compounds	Qvalue

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

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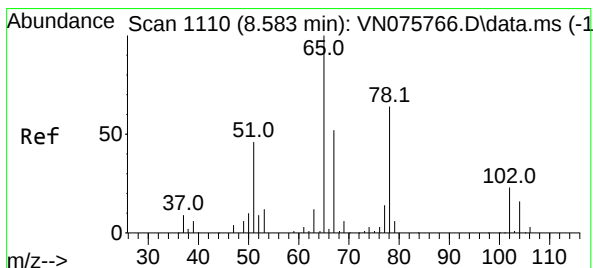
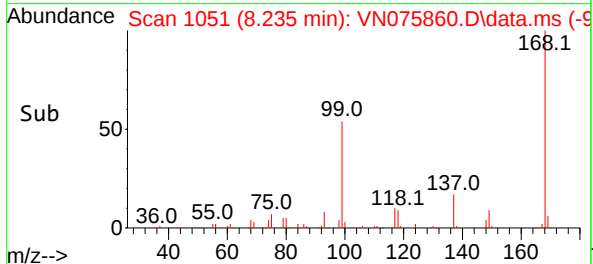
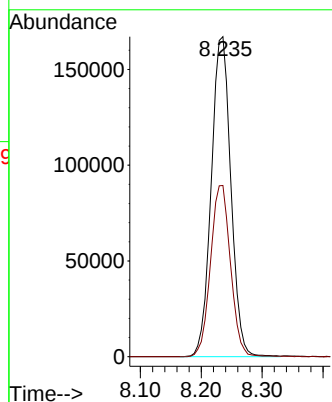
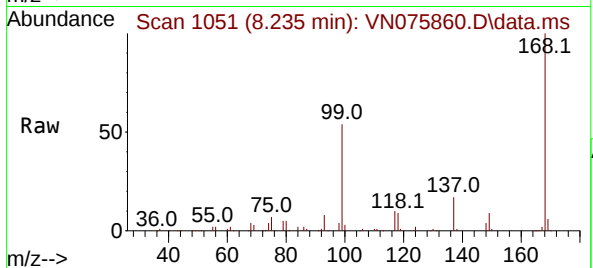




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

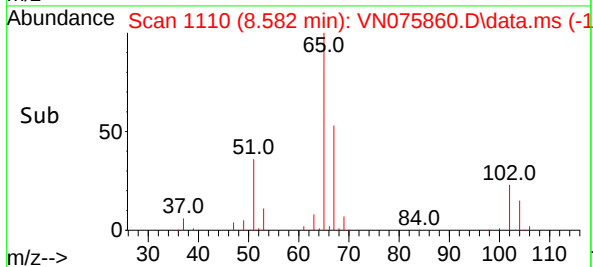
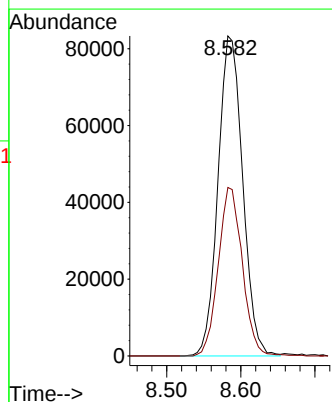
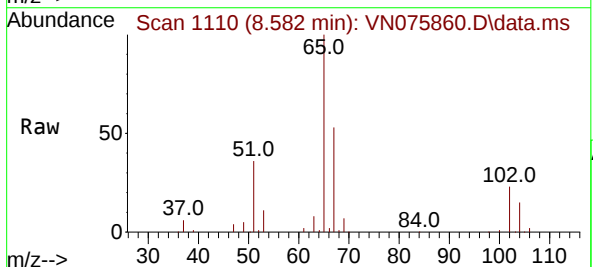
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

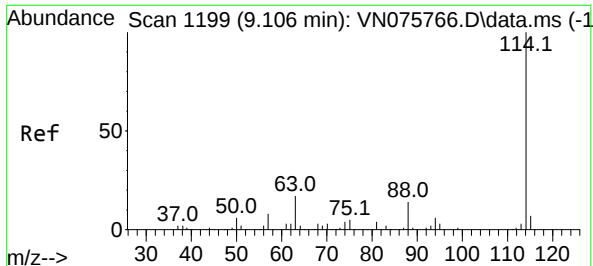
Tgt Ion:168 Resp: 373741
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.345 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion: 65 Resp: 192503
Ion Ratio Lower Upper
65 100
67 51.4 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: VN075860.D

Acq: 16 Dec 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

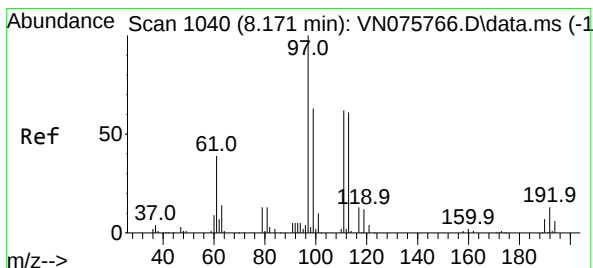
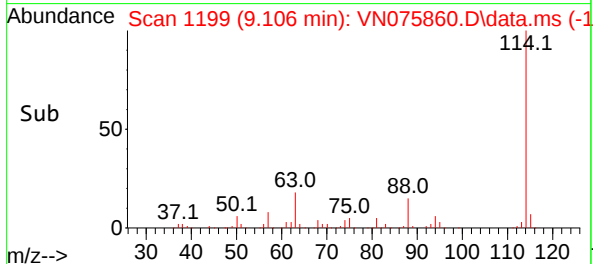
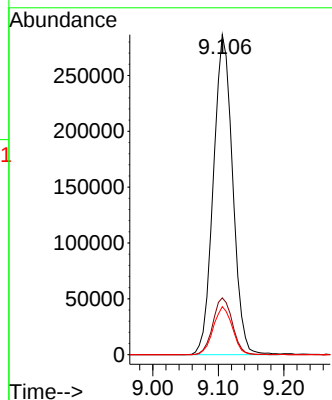
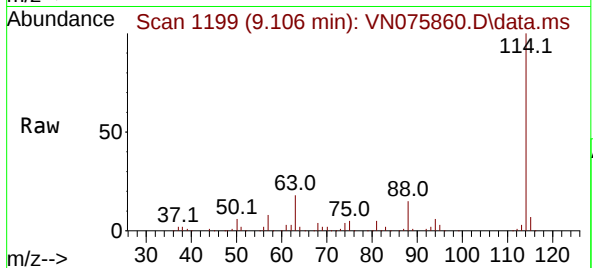
Tgt Ion:114 Resp: 584047

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.475 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075860.D

Acq: 16 Dec 2022 20:14

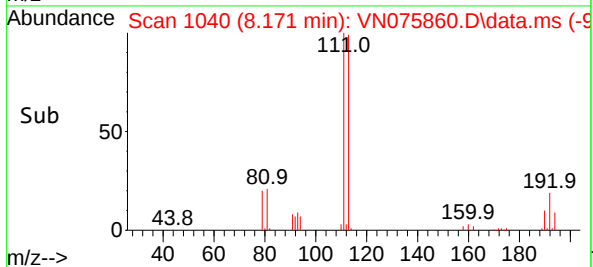
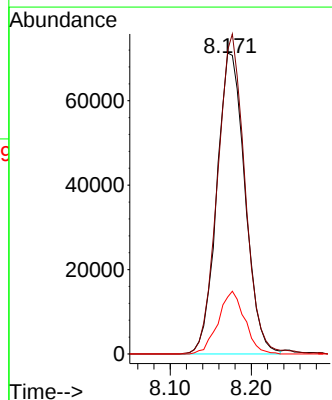
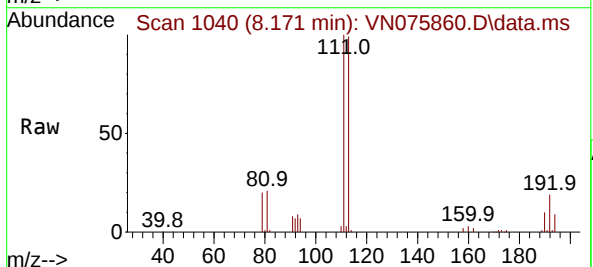
Tgt Ion:113 Resp: 171712

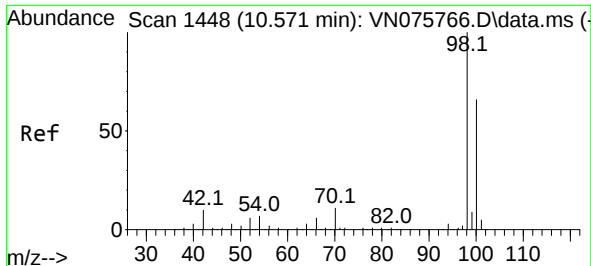
Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.6 16.1 24.1

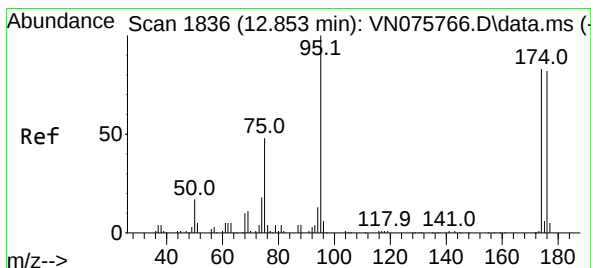
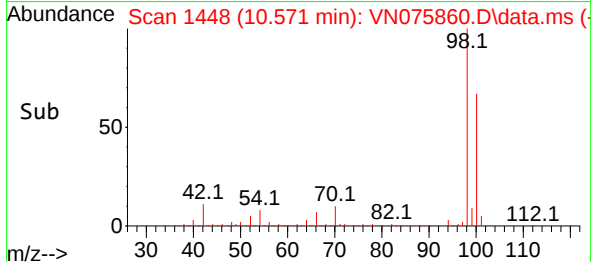
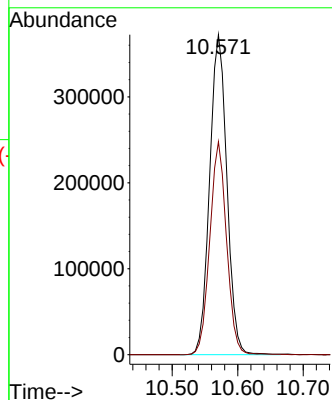
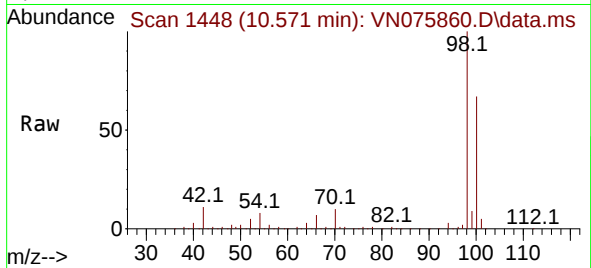




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

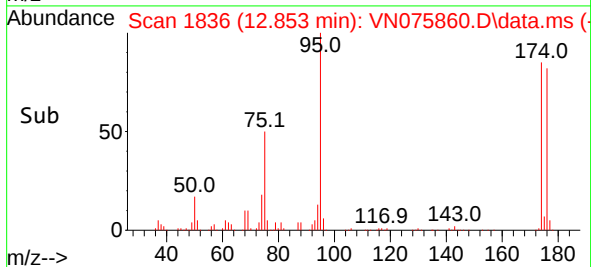
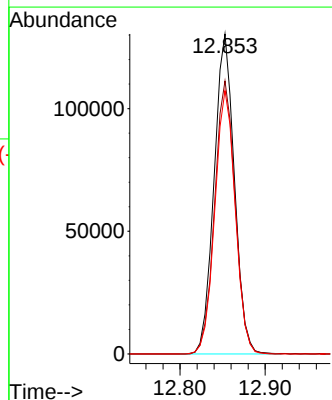
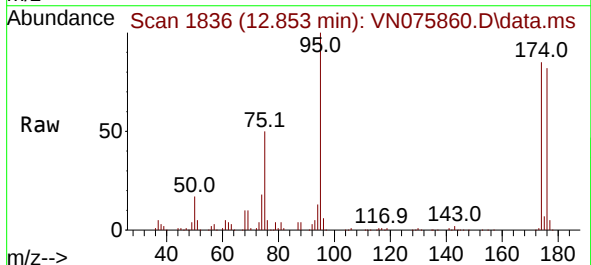
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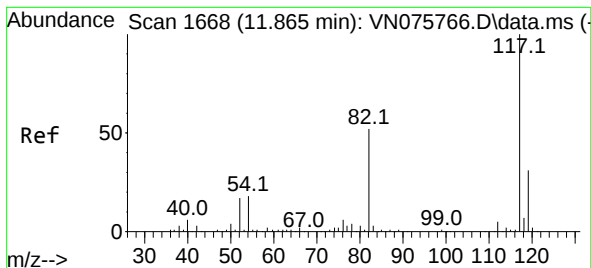
Tgt Ion: 98 Resp: 680273
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.253 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075860.D
Acq: 16 Dec 2022 20:14

Tgt Ion: 95 Resp: 216129
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075860.D

Acq: 16 Dec 2022 20:14

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

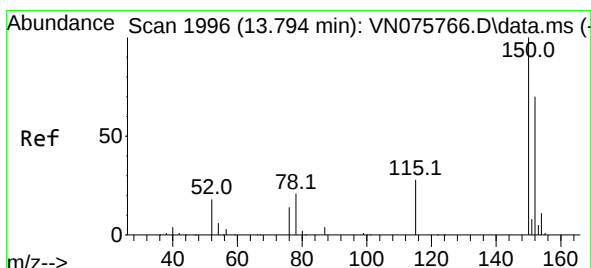
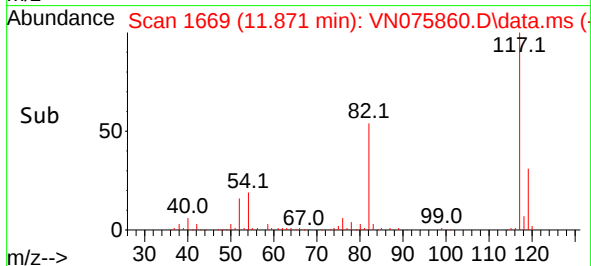
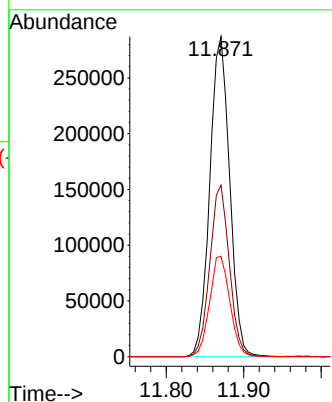
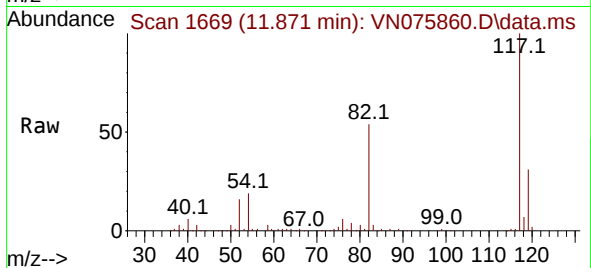
Tgt Ion:117 Resp: 510268

Ion Ratio Lower Upper

117 100

82 53.6 41.3 61.9

119 31.4 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: VN075860.D

Acq: 16 Dec 2022 20:14

Tgt Ion:152 Resp: 212711

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.4

150 158.8 0.0 347.0

