

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075364.D
 Acq On : 22 Nov 2022 13:44
 Operator : JC\MD
 Sample : N5686-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-2-111722

Quant Time: Nov 22 14:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 08:17:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	43243	46.398	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.800%
35) Dibromofluoromethane	8.171	113	51687	45.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	10.565	98	115352	45.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.853	95	77336	41.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.460%#

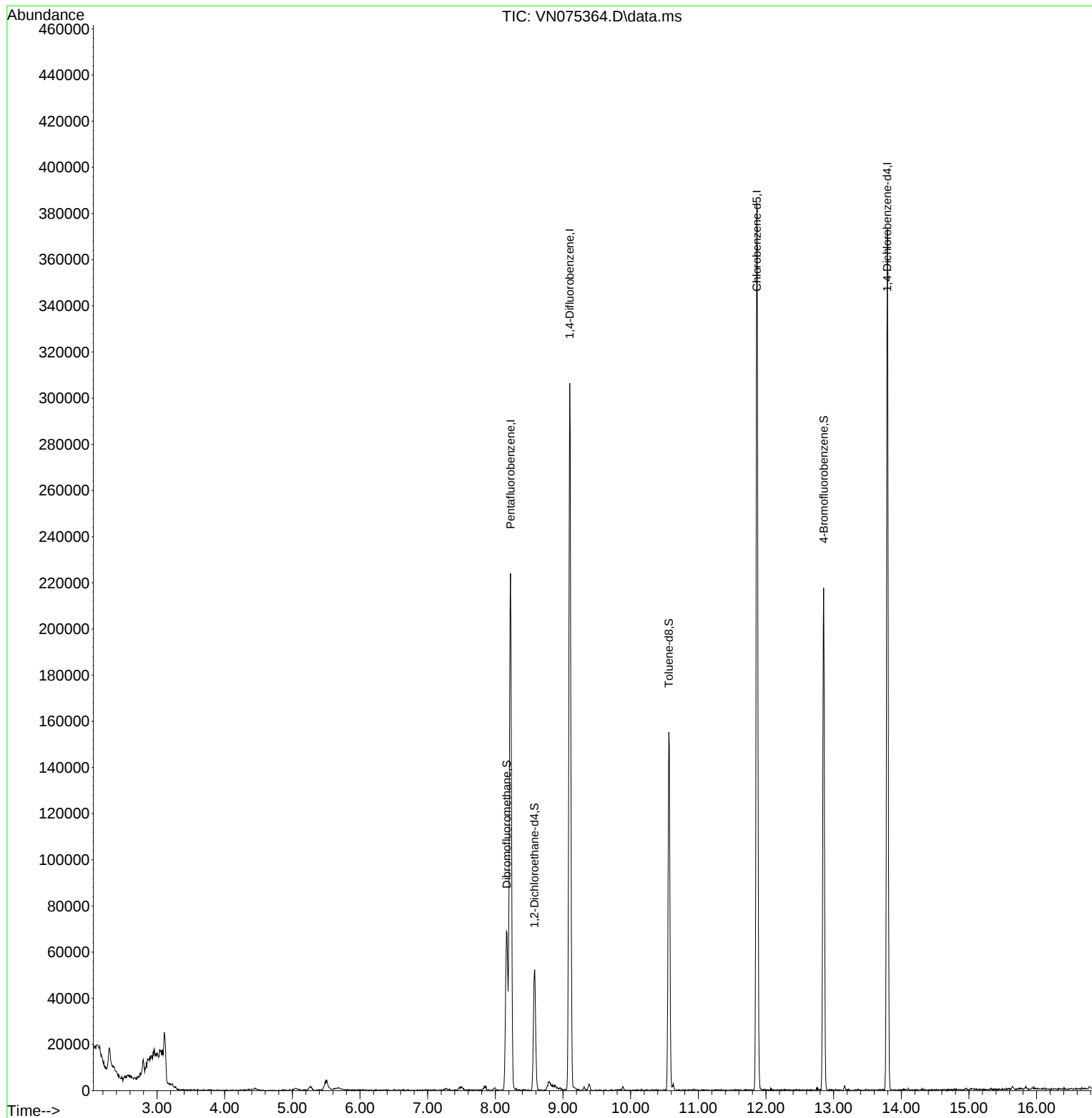
Target Compounds	Qvalue

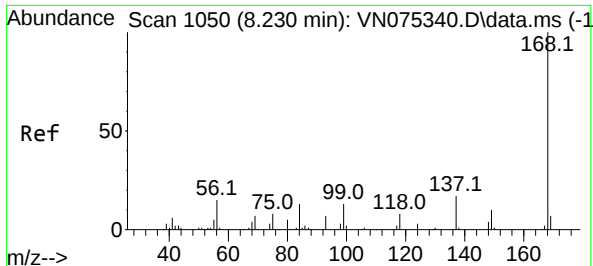
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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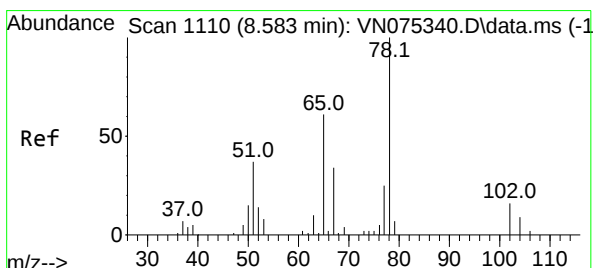
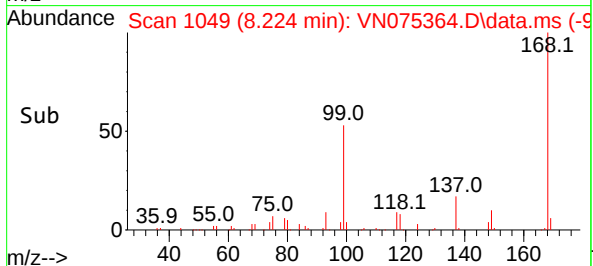
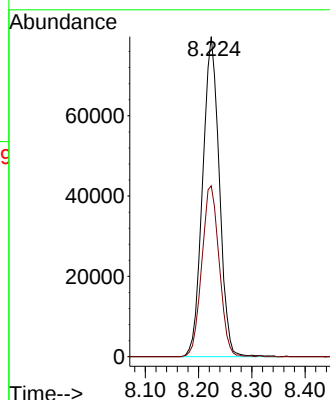
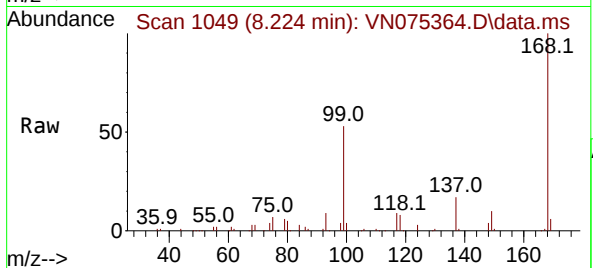




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075364.D
Acq: 22 Nov 2022 13:44

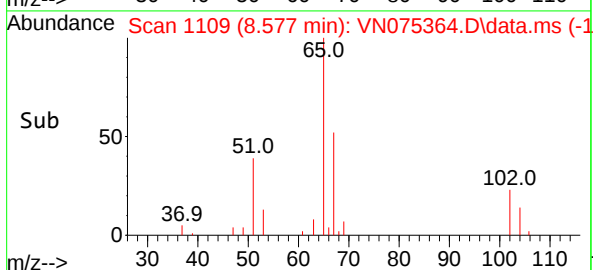
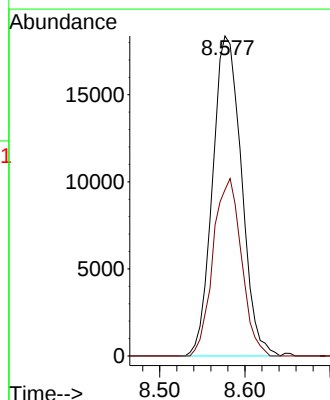
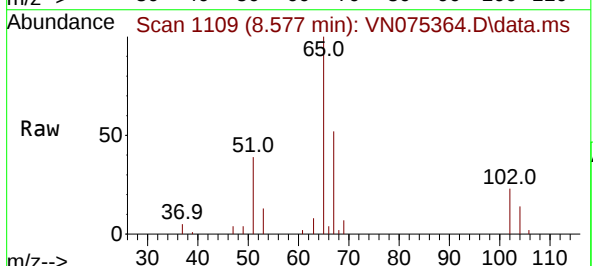
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722

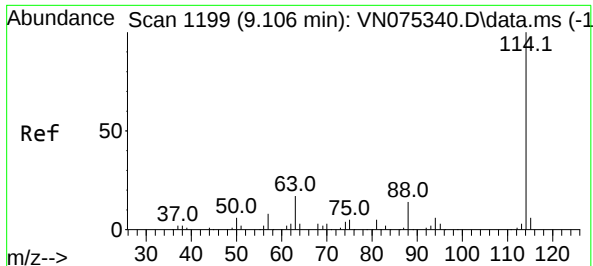
Tgt Ion:168 Resp: 173628
Ion Ratio Lower Upper
168 100
99 53.4 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 46.398 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075364.D
Acq: 22 Nov 2022 13:44

Tgt Ion: 65 Resp: 43243
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075364.D

Acq: 22 Nov 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

OK-2-111722

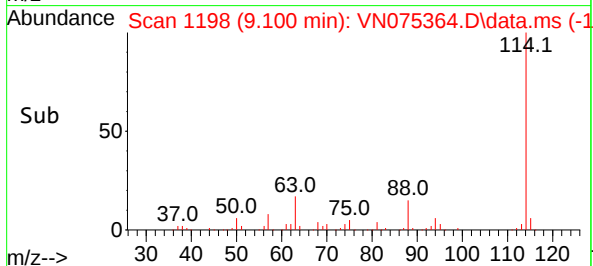
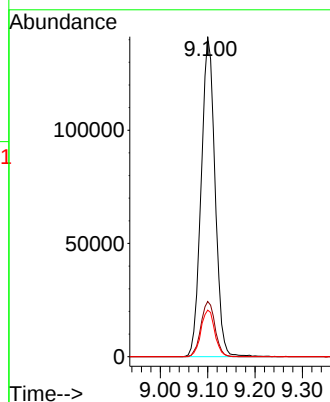
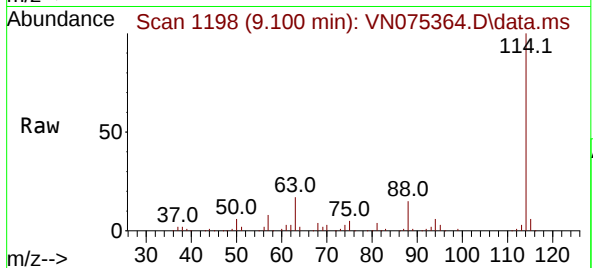
Tgt Ion:114 Resp: 287245

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.806 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075364.D

Acq: 22 Nov 2022 13:44

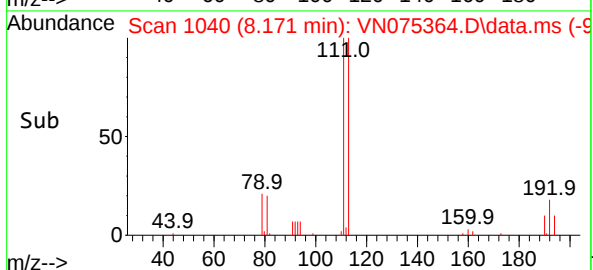
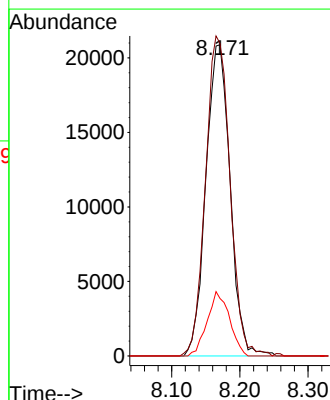
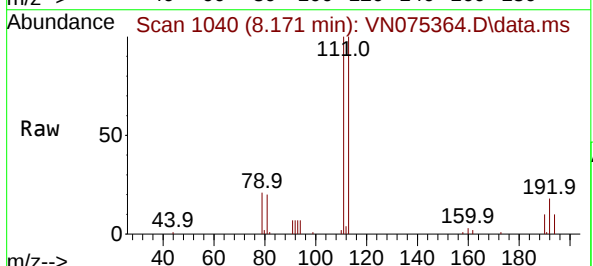
Tgt Ion:113 Resp: 51687

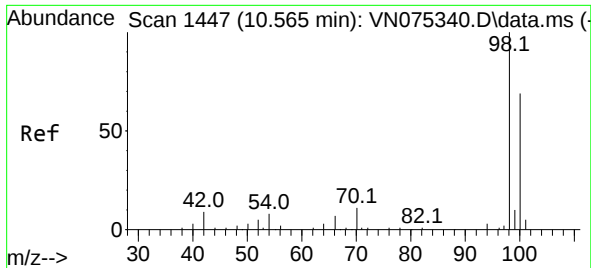
Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 19.0 13.2 19.8

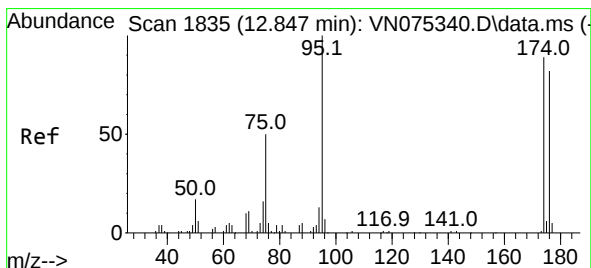
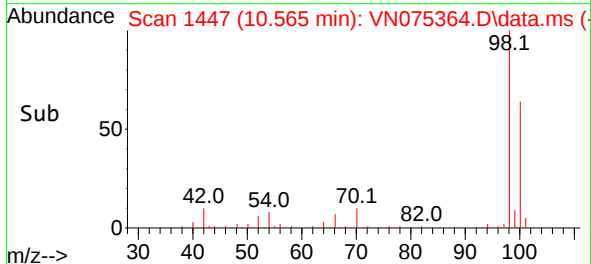
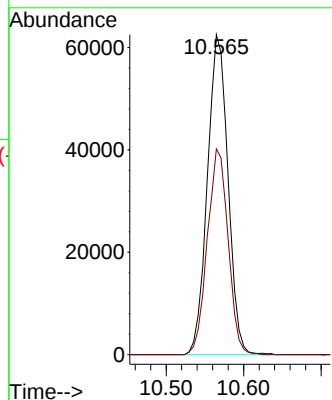
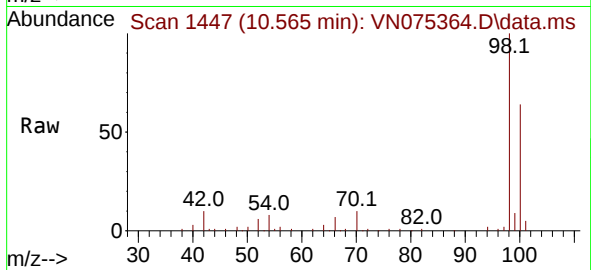




#50
Toluene-d8
Concen: 45.388 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075364.D
Acq: 22 Nov 2022 13:44

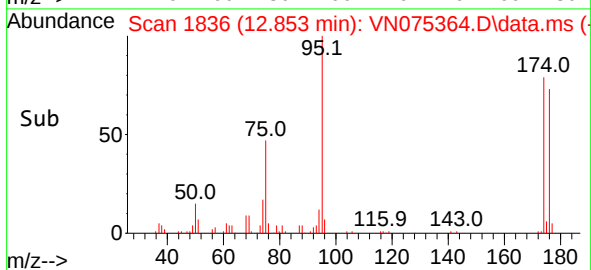
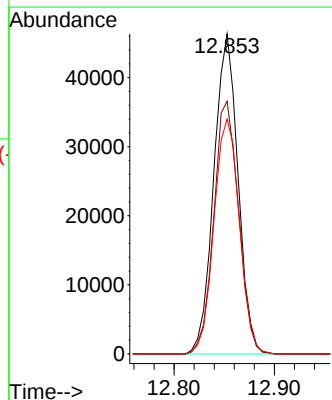
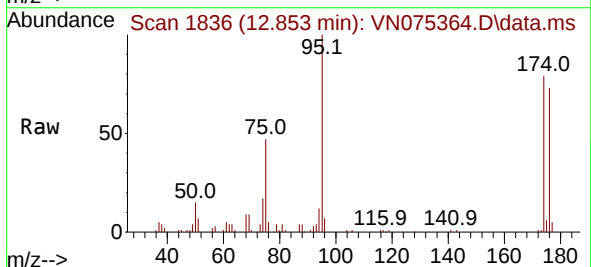
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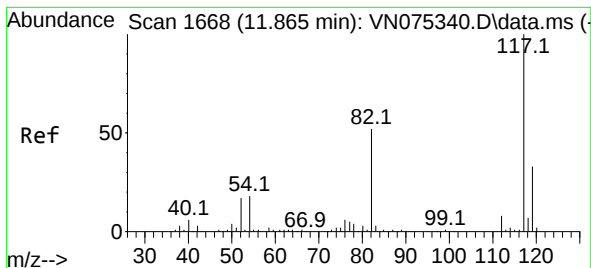
Tgt Ion: 98 Resp: 115352
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.227 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075364.D
Acq: 22 Nov 2022 13:44

Tgt Ion: 95 Resp: 77336
Ion Ratio Lower Upper
95 100
174 80.9 0.0 147.4
176 77.2 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075364.D

Acq: 22 Nov 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

OK-2-111722

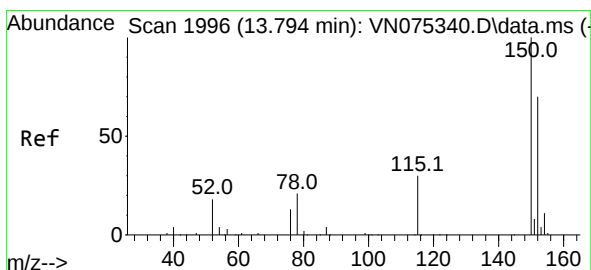
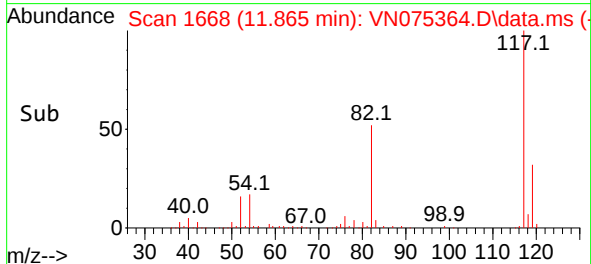
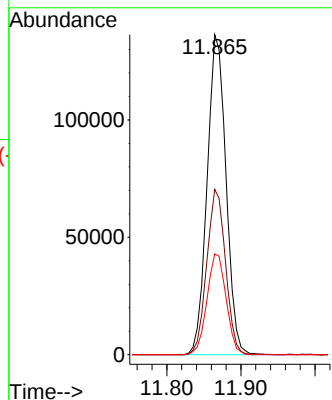
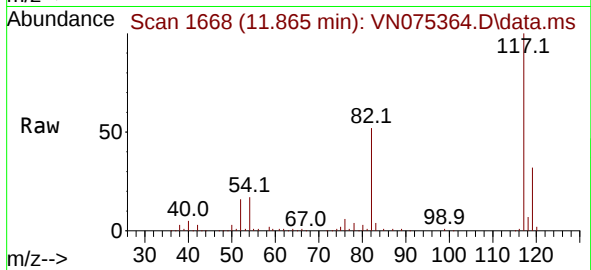
Tgt Ion:117 Resp: 241178

Ion Ratio Lower Upper

117 100

82 51.7 43.1 64.7

119 31.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075364.D

Acq: 22 Nov 2022 13:44

Tgt Ion:152 Resp: 101968

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 160.7 0.0 348.4

