

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074813.D
 Acq On : 07 Oct 2022 15:55
 Operator : JC\MD
 Sample : N4979-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-4

Quant Time: Oct 07 16:25:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	279756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	353445	53.321	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.640%
35) Dibromofluoromethane	8.183	113	274838	53.356	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.720%
50) Toluene-d8	10.571	98	1098515	49.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.853	95	283594	42.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%

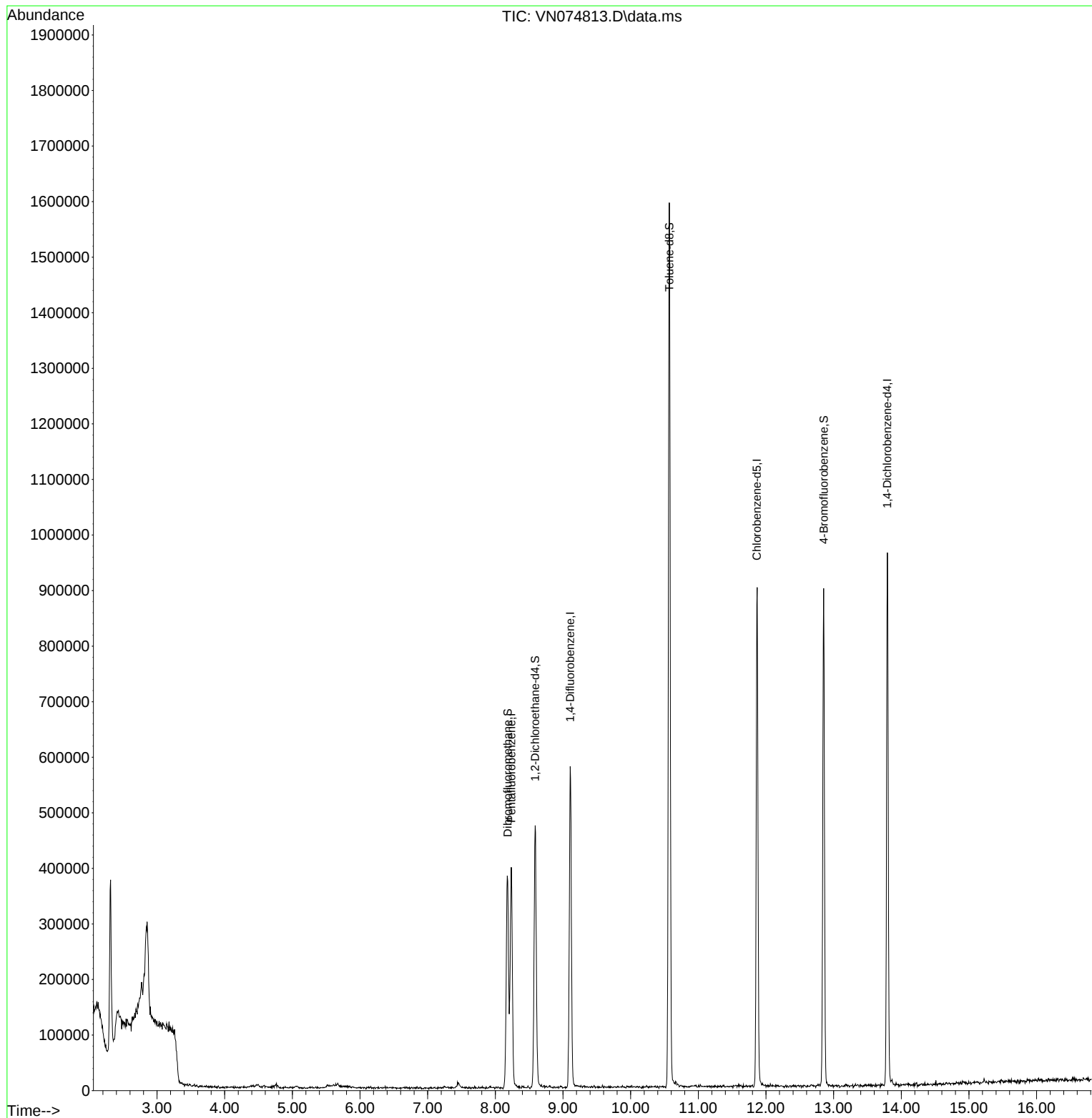
Target Compounds	Qvalue

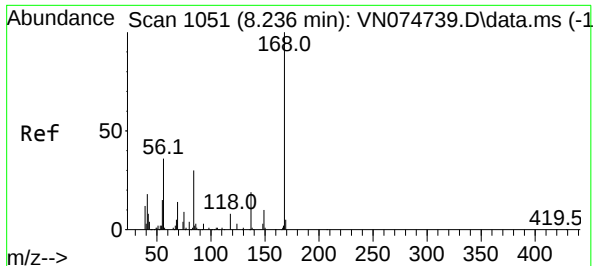
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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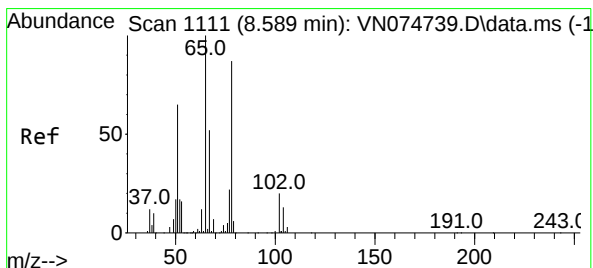
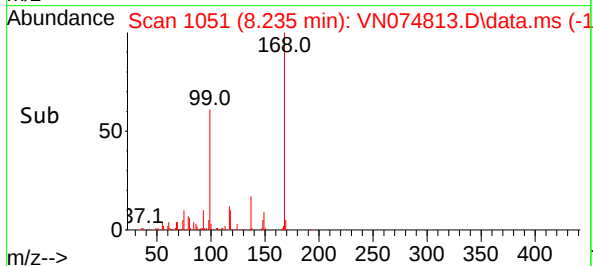
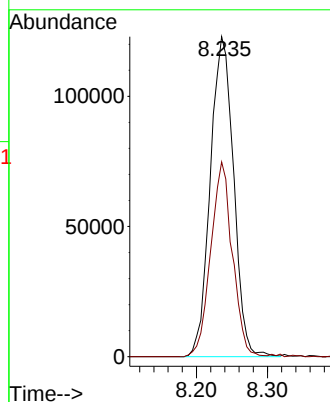
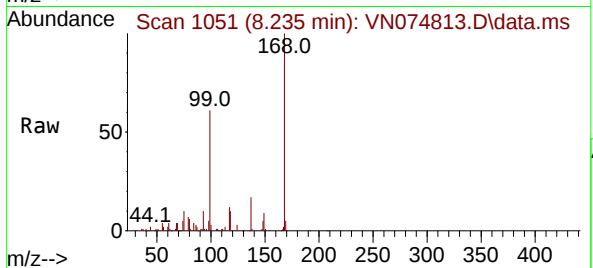




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

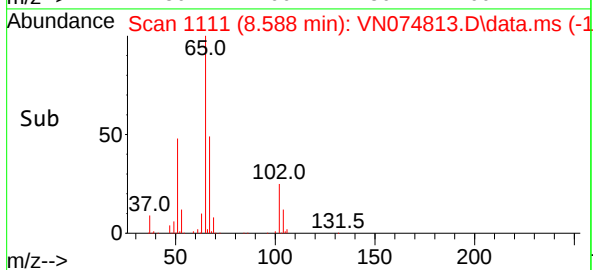
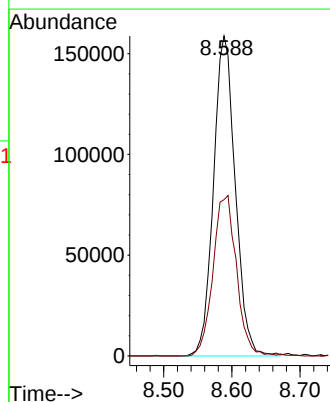
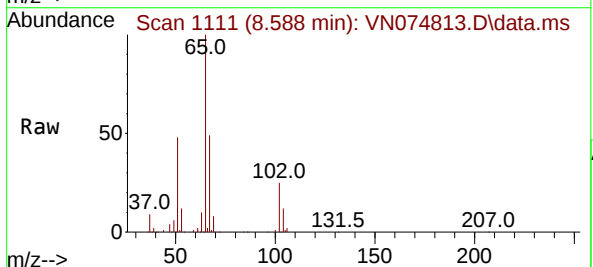
Instrument :
MSVOA_N
ClientSampleId :
251032-4

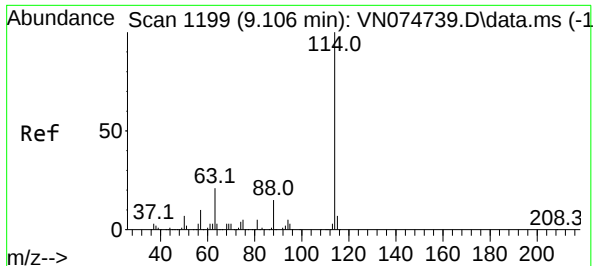
Tgt Ion:168 Resp: 279756
Ion Ratio Lower Upper
168 100
99 60.9 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 53.321 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

Tgt Ion: 65 Resp: 353445
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074813.D

Acq: 07 Oct 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

251032-4

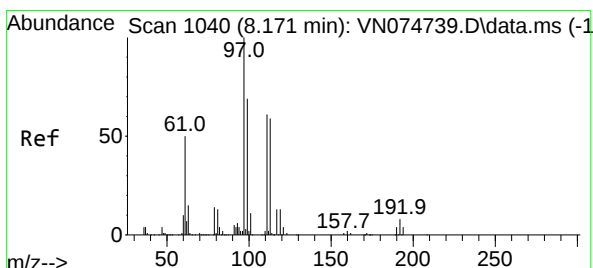
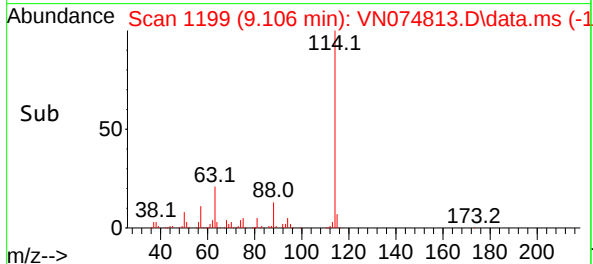
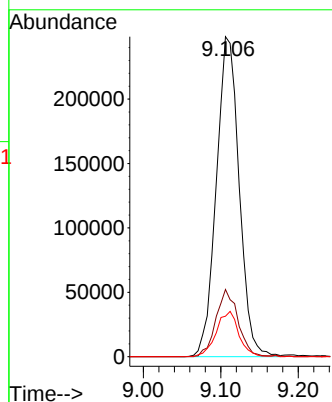
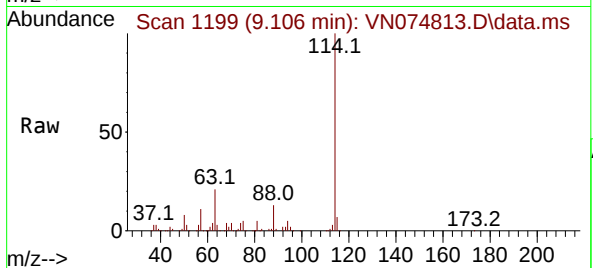
Tgt Ion:114 Resp: 509824

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 12.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.356 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074813.D

Acq: 07 Oct 2022 15:55

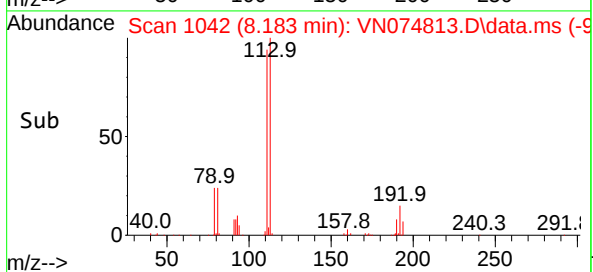
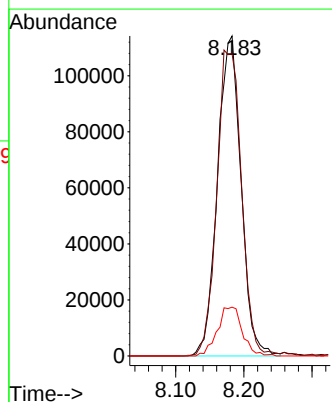
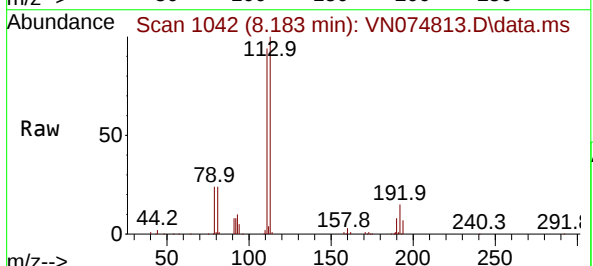
Tgt Ion:113 Resp: 274838

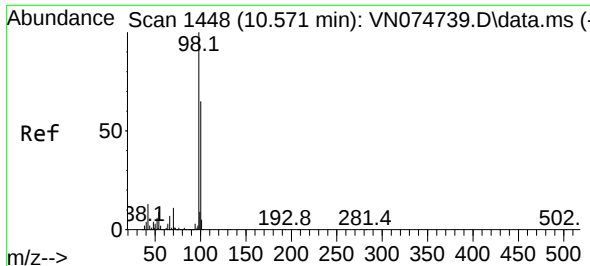
Ion Ratio Lower Upper

113 100

111 99.9 83.0 124.6

192 16.2 12.6 18.8

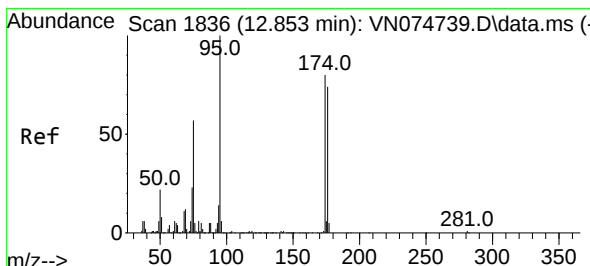
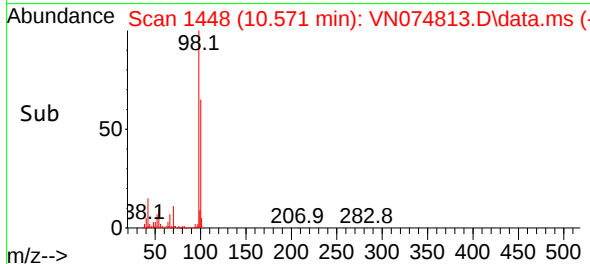
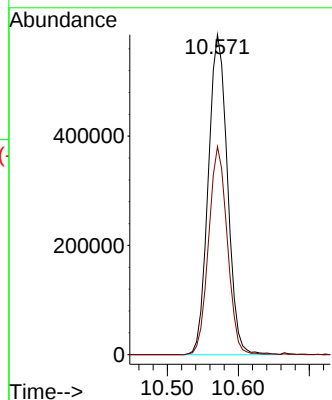
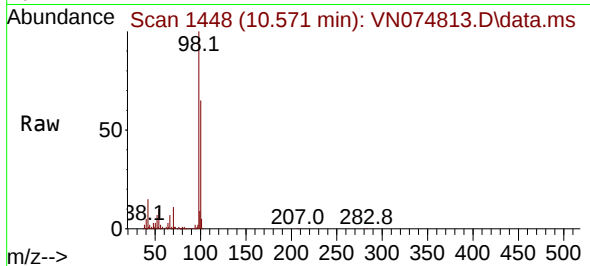




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

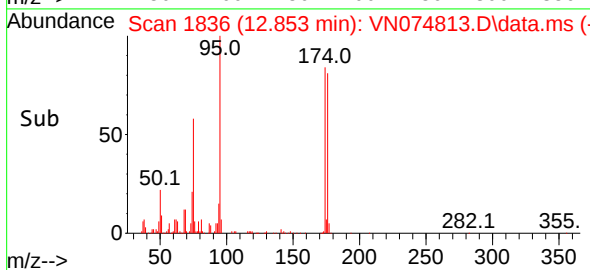
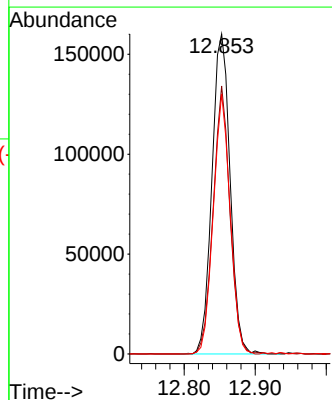
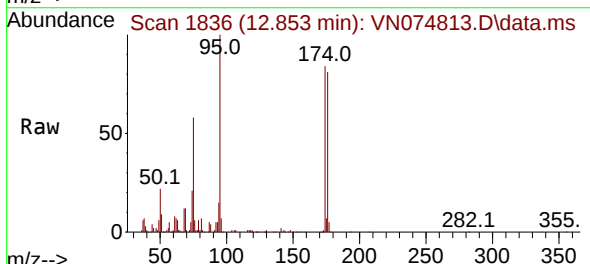
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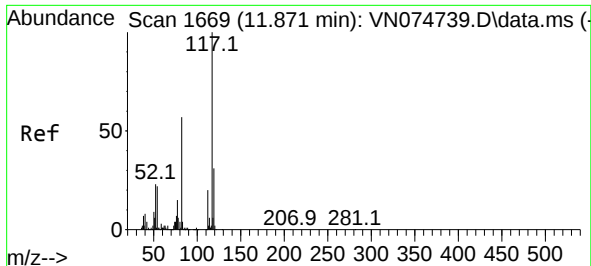
Tgt Ion: 98 Resp: 1098515
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.209 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

Tgt Ion: 95 Resp: 283594
Ion Ratio Lower Upper
95 100
174 77.7 0.0 149.4
176 75.4 0.0 142.0

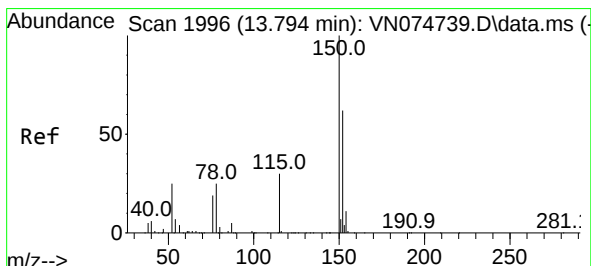
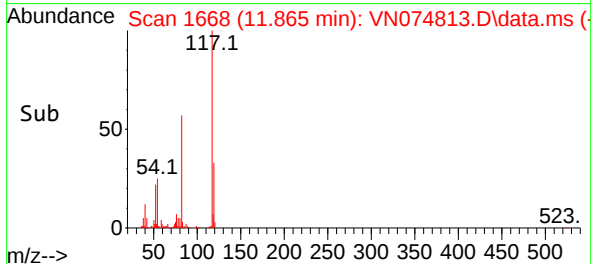
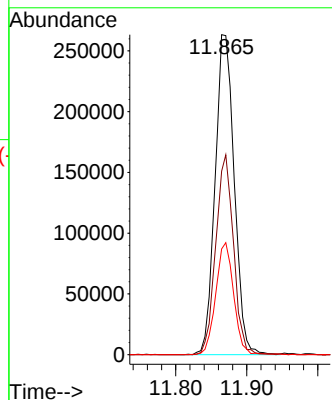
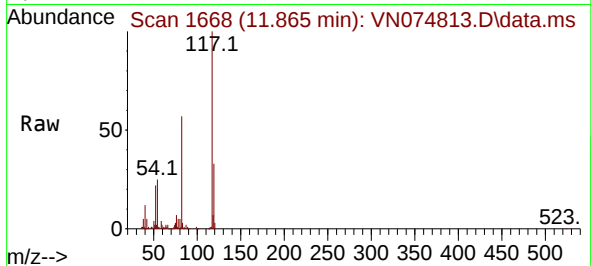




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

Instrument :
MSVOA_N
ClientSampleId :
251032-4

Tgt Ion:117 Resp: 492695
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074813.D
Acq: 07 Oct 2022 15:55

Tgt Ion:152 Resp: 242926
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 162.9 0.0 356.4

