

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074806.D
 Acq On : 07 Oct 2022 13:06
 Operator : JC\MD
 Sample : N4977-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-3

Quant Time: Oct 07 13:24:05 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	253356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	407340	67.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	135.720%#
35) Dibromofluoromethane	8.177	113	314347	63.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	127.160%#
50) Toluene-d8	10.571	98	1278793	60.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	120.560%#
62) 4-Bromofluorobenzene	12.853	95	320091	49.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%

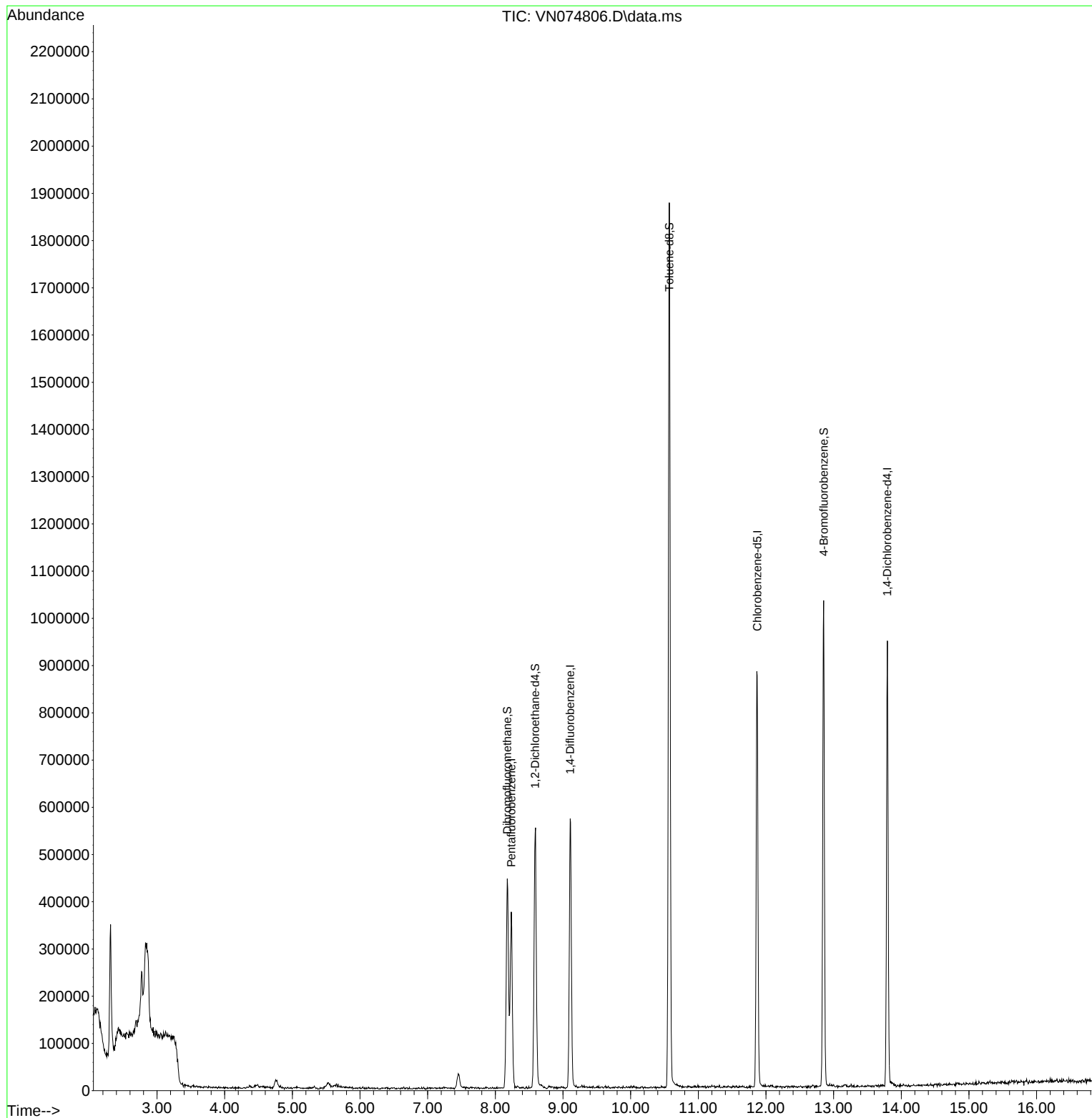
Target Compounds	Qvalue

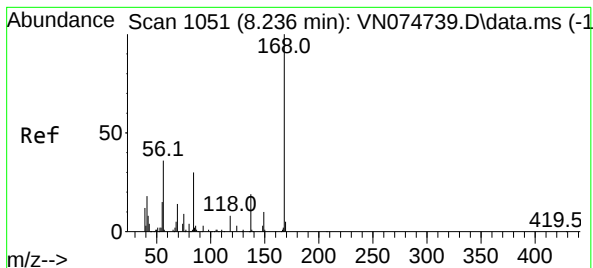
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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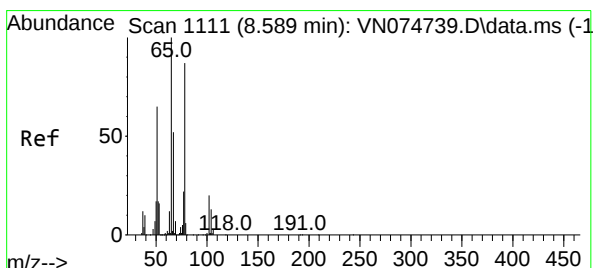
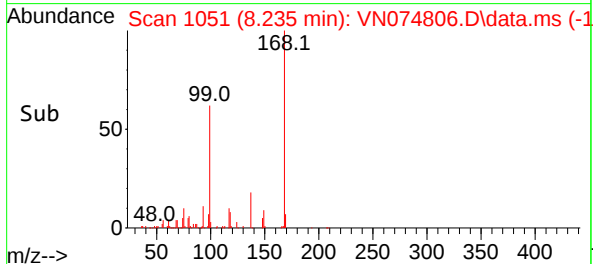
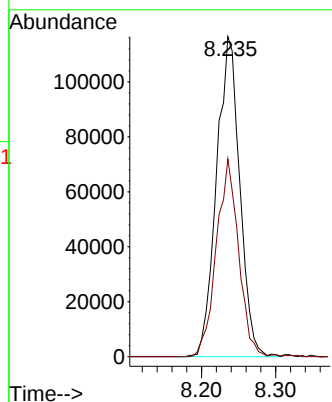
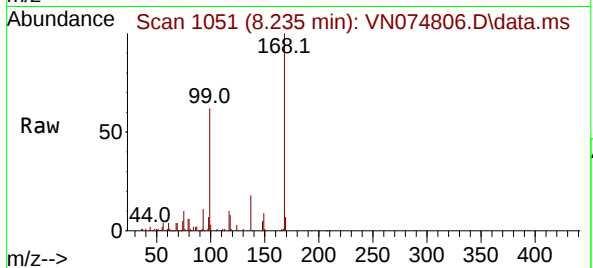




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074806.D
Acq: 07 Oct 2022 13:06

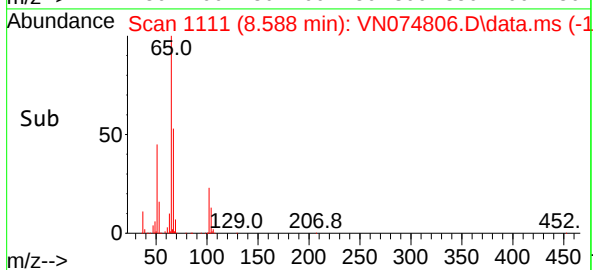
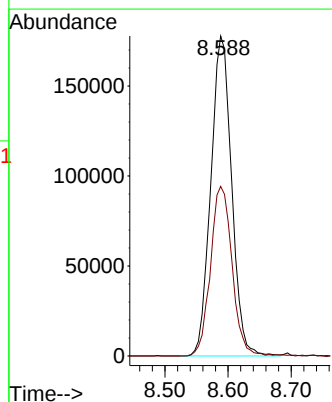
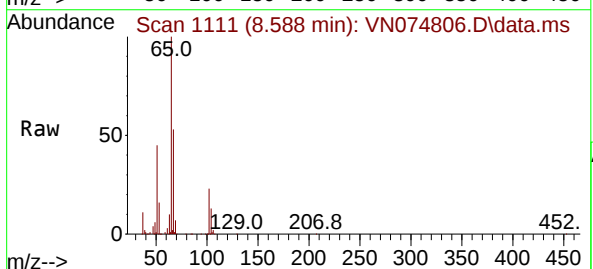
Instrument :
MSVOA_N
ClientSampleId :
251032-3

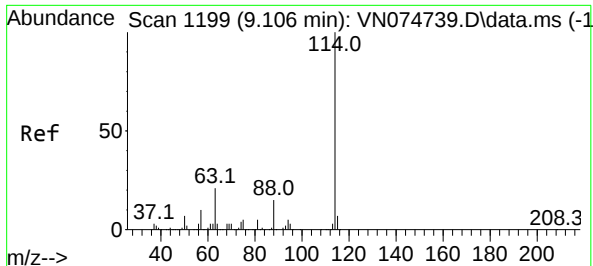
Tgt Ion:168 Resp: 253356
Ion Ratio Lower Upper
168 100
99 61.8 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 67.855 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074806.D
Acq: 07 Oct 2022 13:06

Tgt Ion: 65 Resp: 407340
Ion Ratio Lower Upper
65 100
67 54.8 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: VN074806.D

Acq: 07 Oct 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

251032-3

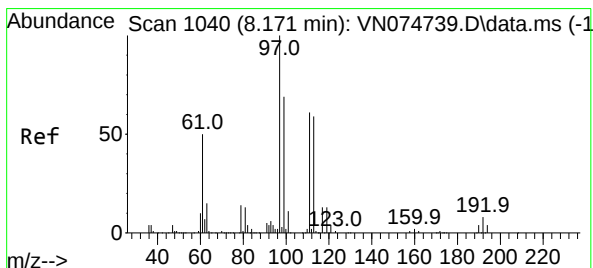
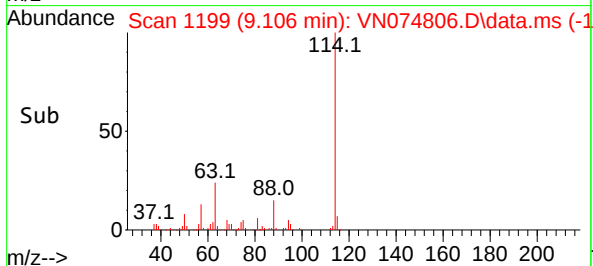
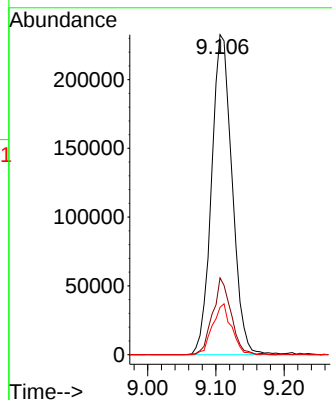
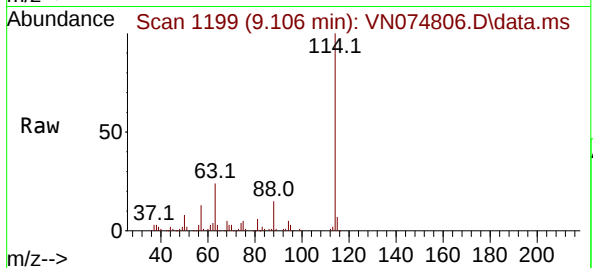
Tgt Ion:114 Resp: 489315

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.2

88 14.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 63.584 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074806.D

Acq: 07 Oct 2022 13:06

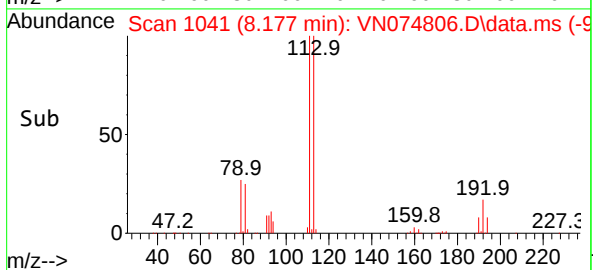
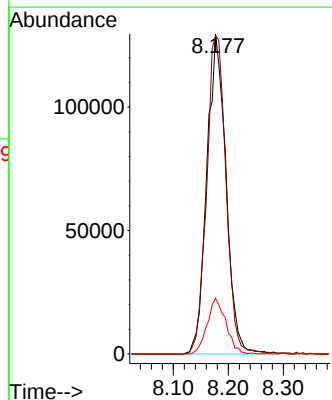
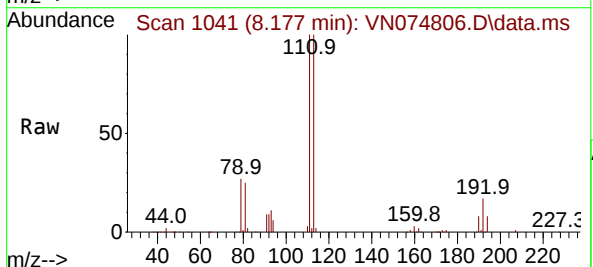
Tgt Ion:113 Resp: 314347

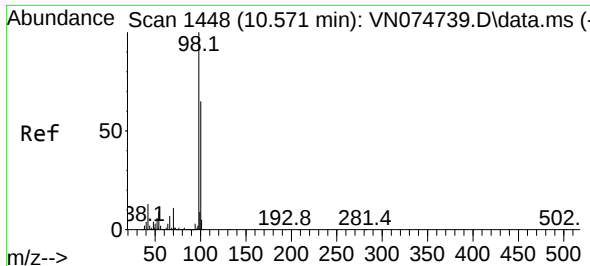
Ion Ratio Lower Upper

113 100

111 100.2 83.0 124.6

192 17.0 12.6 18.8

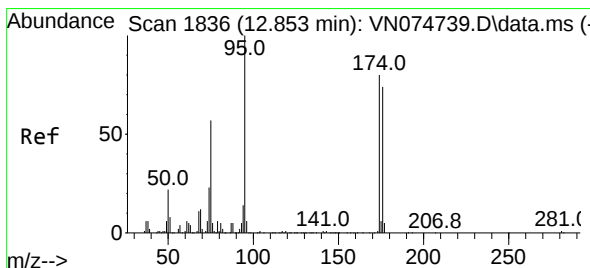
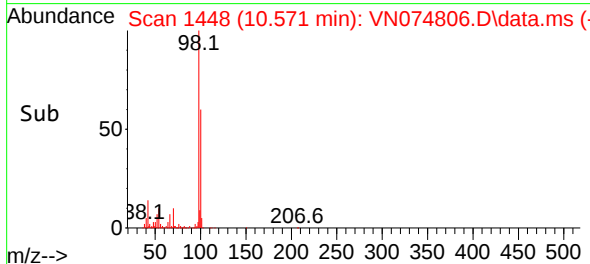
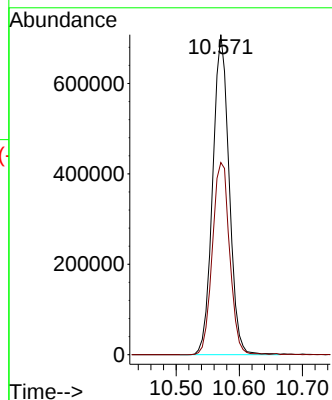
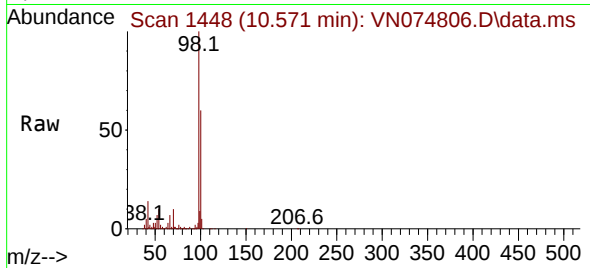




#50
Toluene-d8
Concen: 60.282 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074806.D
Acq: 07 Oct 2022 13:06

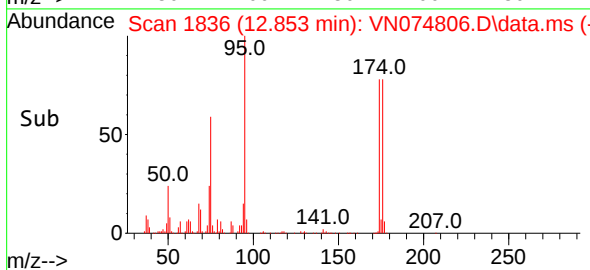
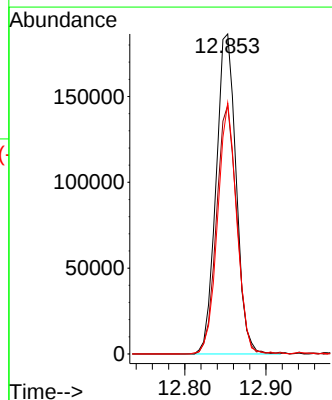
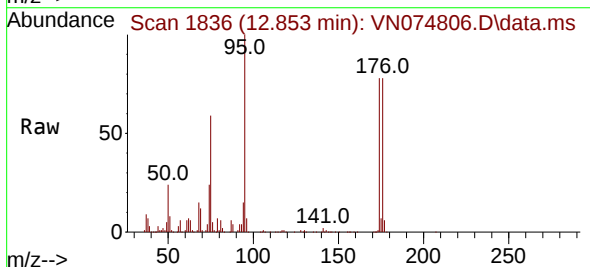
Instrument :
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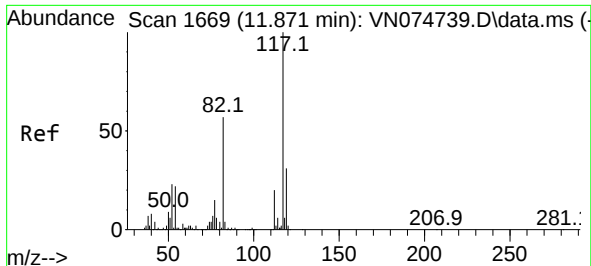
Tgt Ion: 98 Resp: 1278793
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 49.638 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074806.D
Acq: 07 Oct 2022 13:06

Tgt Ion: 95 Resp: 320091
Ion Ratio Lower Upper
95 100
174 78.1 0.0 149.4
176 74.6 0.0 142.0

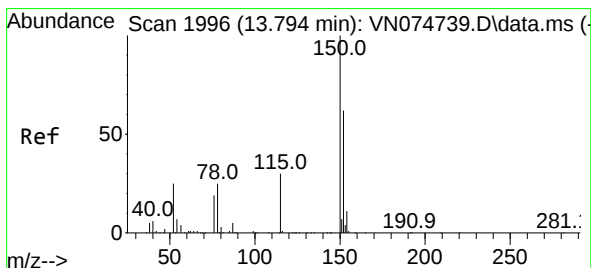
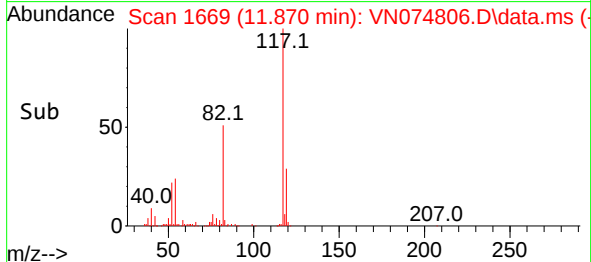
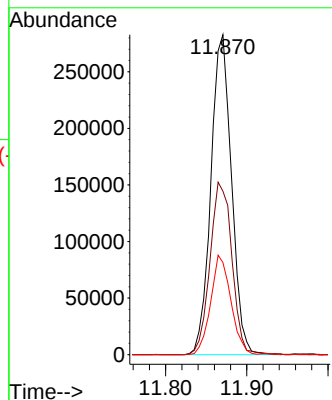
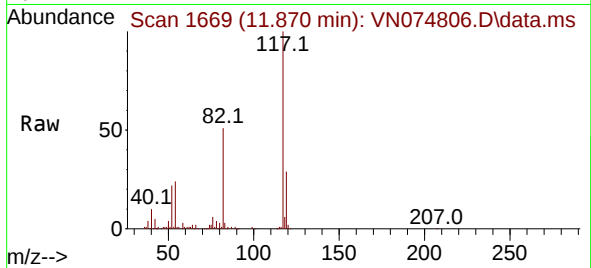




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074806.D
Acq: 07 Oct 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
251032-3

Tgt Ion:117 Resp: 498985
Ion Ratio Lower Upper
117 100
82 51.1 45.4 68.2
119 28.8 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: VN074806.D
Acq: 07 Oct 2022 13:06

Tgt Ion:152 Resp: 229346
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 162.4 0.0 356.4

