

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074807.D
 Acq On : 07 Oct 2022 13:30
 Operator : JC\MD
 Sample : N4979-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-4

Quant Time: Oct 07 13:48:10 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	259145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	476940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	475532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	396555	64.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	129.160%#
35) Dibromofluoromethane	8.182	113	301229	62.511	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.020%#
50) Toluene-d8	10.571	98	1227402	59.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	118.720%#
62) 4-Bromofluorobenzene	12.853	95	304825	48.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%

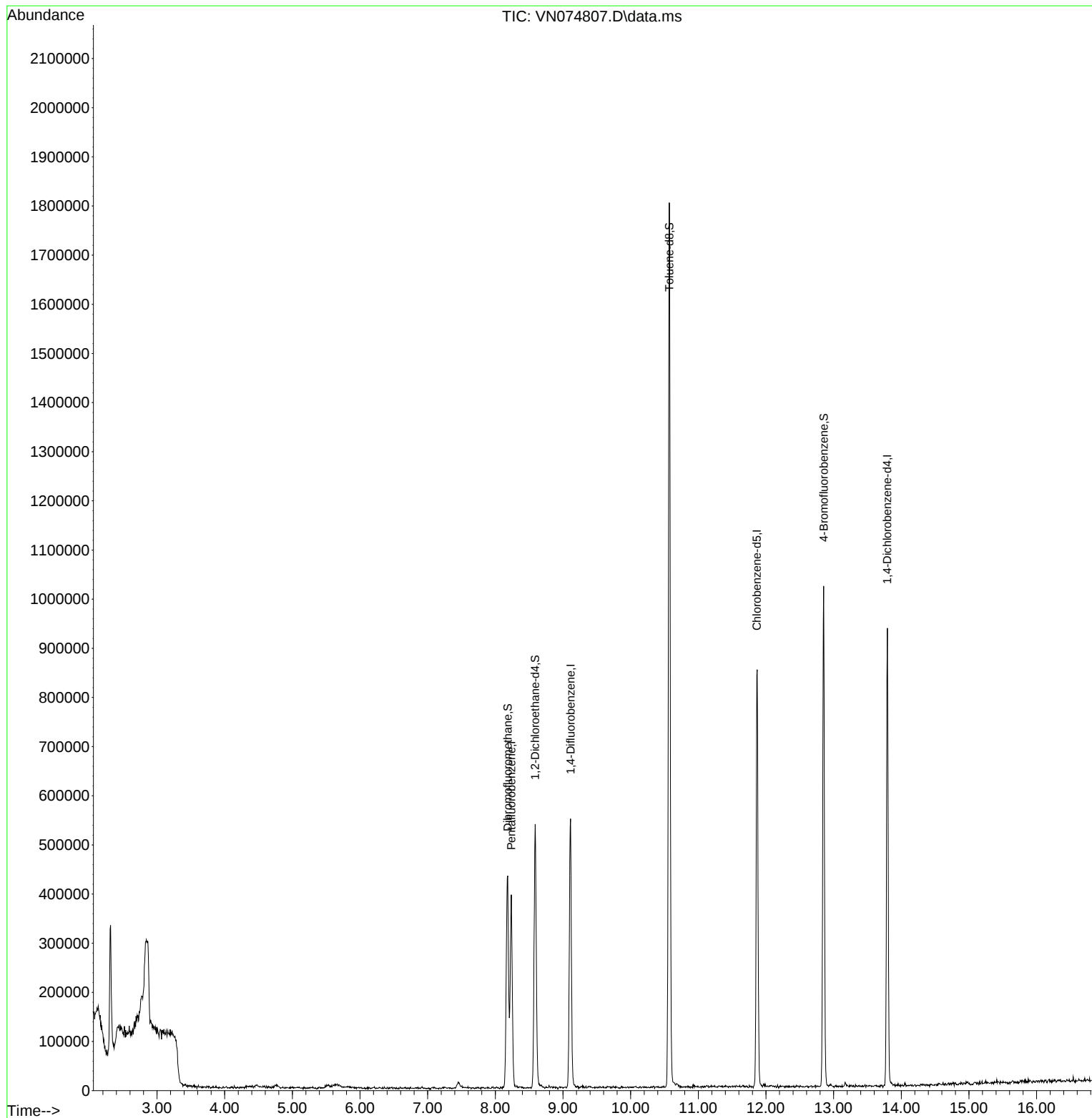
Target Compounds	Qvalue

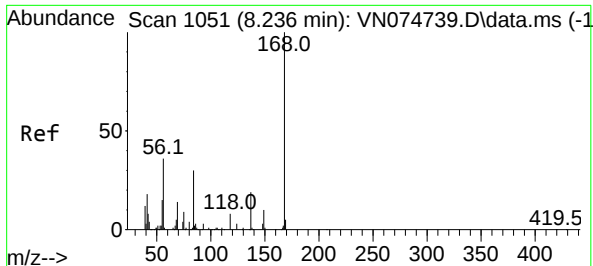
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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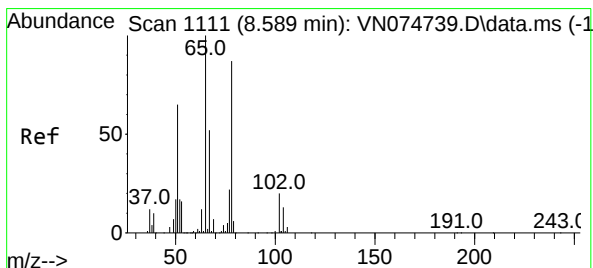
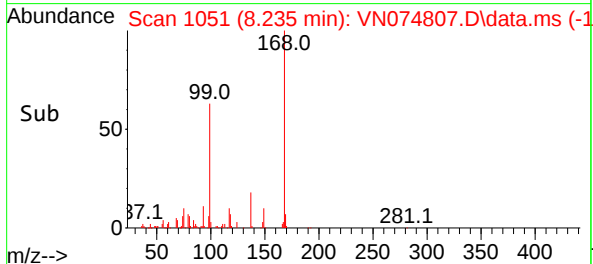
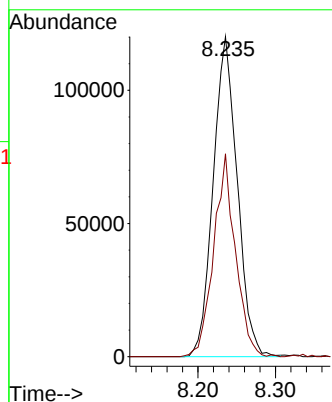
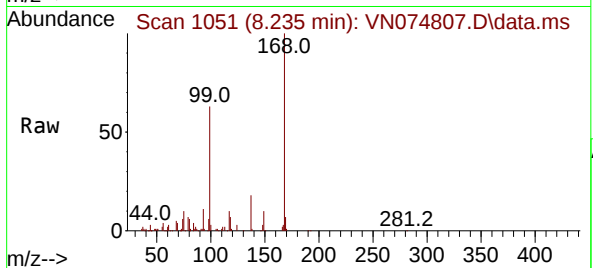




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074807.D
Acq: 07 Oct 2022 13:30

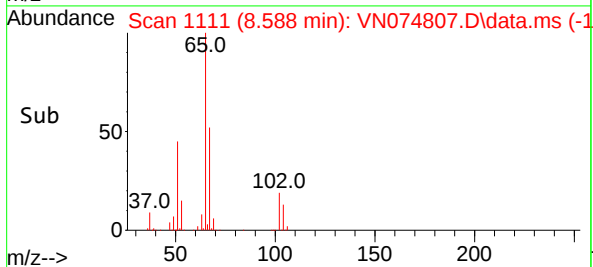
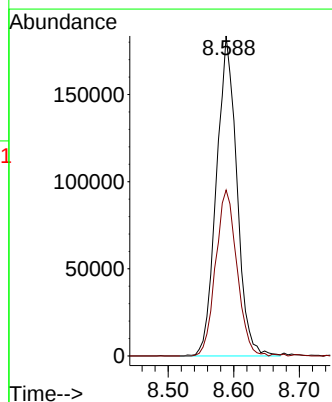
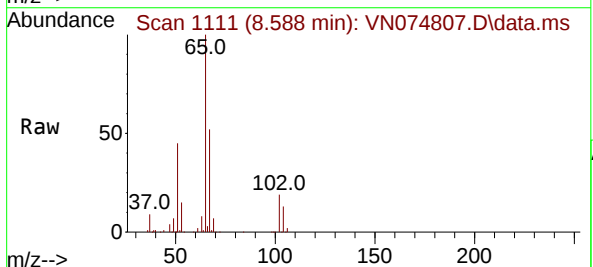
Instrument :
MSVOA_N
ClientSampleId :
251032-4

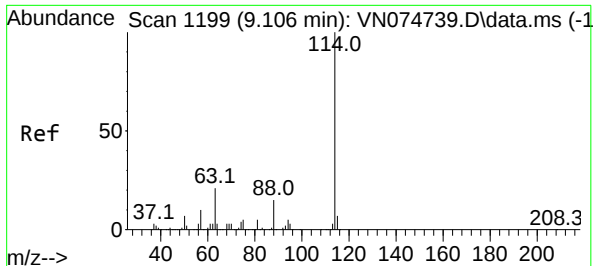
Tgt Ion:168 Resp: 259145
Ion Ratio Lower Upper
168 100
99 63.4 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 64.583 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074807.D
Acq: 07 Oct 2022 13:30

Tgt Ion: 65 Resp: 396555
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074807.D

Acq: 07 Oct 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

251032-4

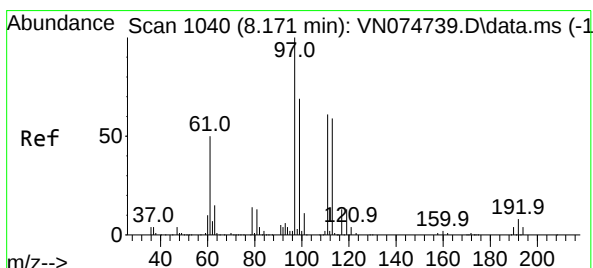
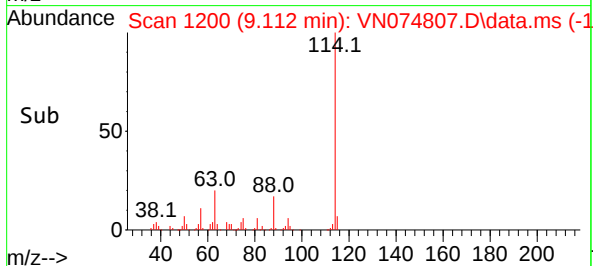
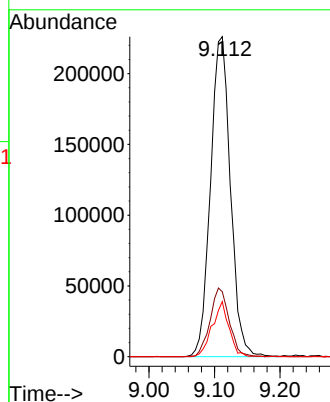
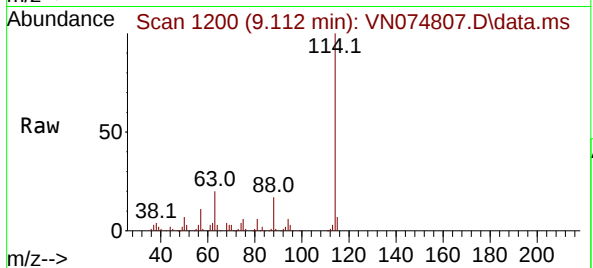
Tgt Ion:114 Resp: 476940

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

88 17.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 62.511 ug/l

RT: 8.182 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074807.D

Acq: 07 Oct 2022 13:30

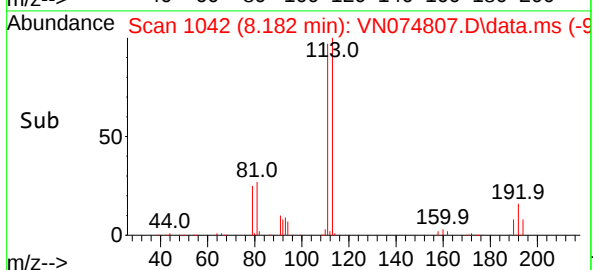
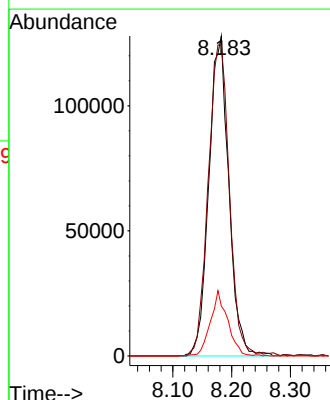
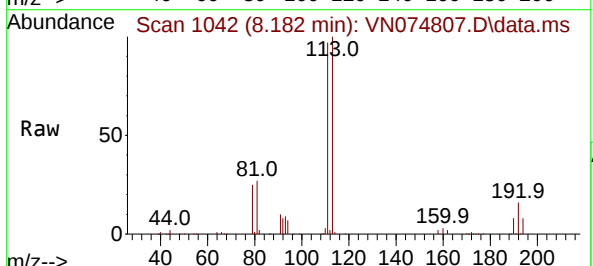
Tgt Ion:113 Resp: 301229

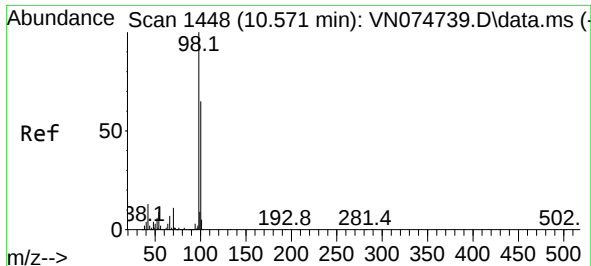
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 17.8 12.6 18.8

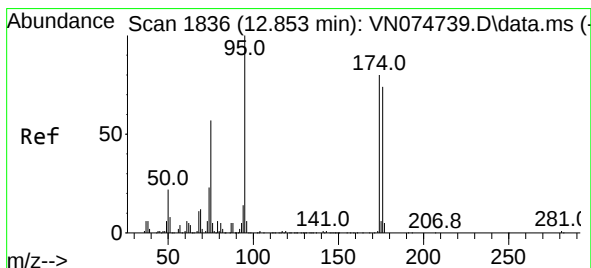
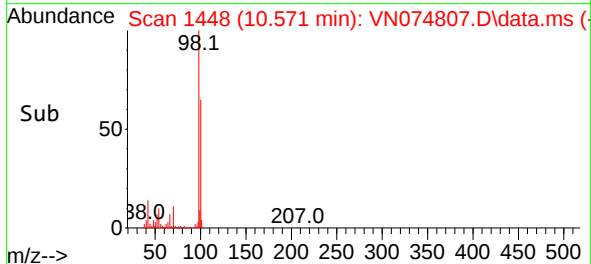
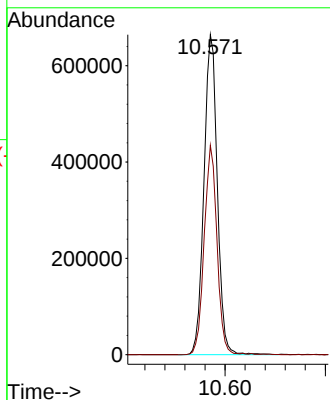
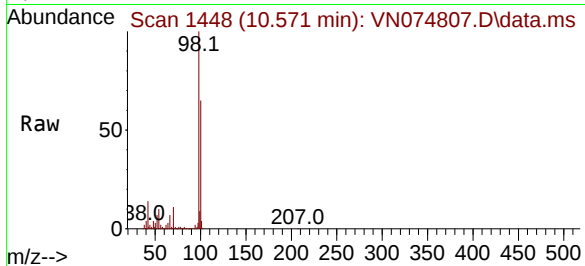




#50
Toluene-d8
Concen: 59.361 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074807.D
Acq: 07 Oct 2022 13:30

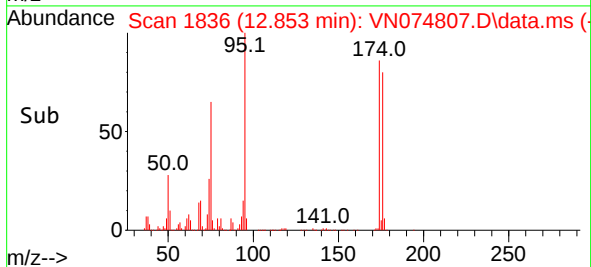
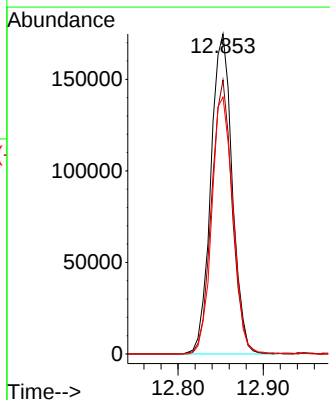
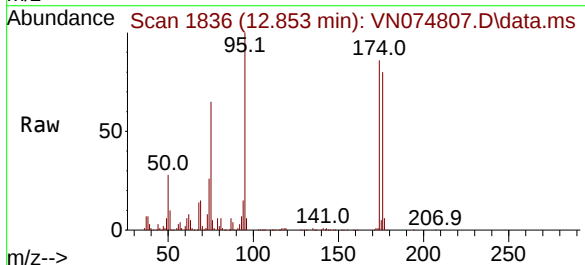
Instrument :
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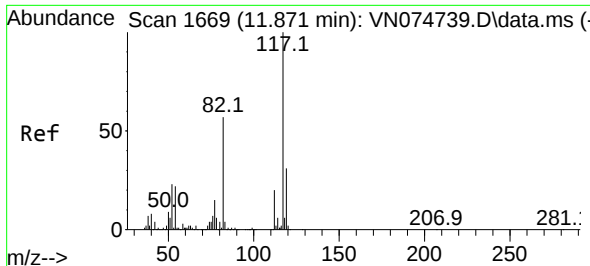
Tgt Ion: 98 Resp: 1227402
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 48.497 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074807.D
Acq: 07 Oct 2022 13:30

Tgt Ion: 95 Resp: 304825
Ion Ratio Lower Upper
95 100
174 82.6 0.0 149.4
176 79.7 0.0 142.0

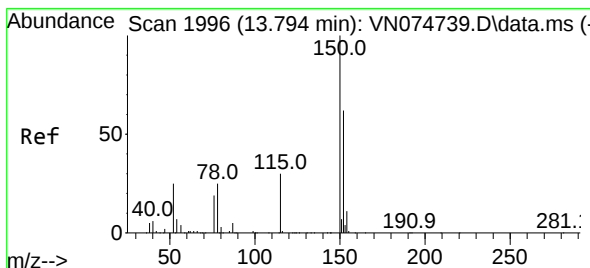
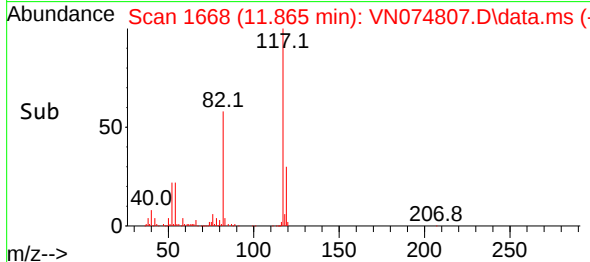
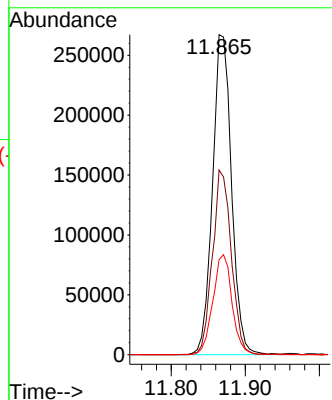
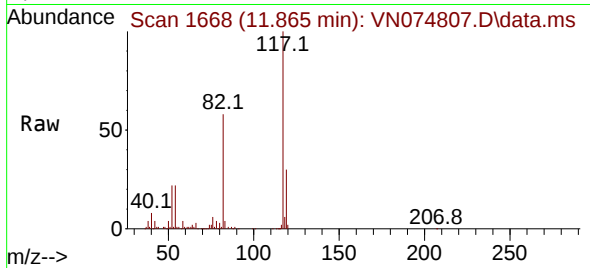




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN074807.D
Acq: 07 Oct 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :
251032-4

Tgt Ion:117 Resp: 475532
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 29.7 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: VN074807.D
Acq: 07 Oct 2022 13:30

Tgt Ion:152 Resp: 230362
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 161.8 0.0 356.4

