

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074789.D
 Acq On : 06 Oct 2022 17:28
 Operator : JC\MD
 Sample : N4910-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Oct 06 19:17:22 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	232281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	452140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318694	57.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.820%
35) Dibromofluoromethane	8.177	113	248189	54.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.660%
50) Toluene-d8	10.570	98	992563	50.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.853	95	263404	44.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%

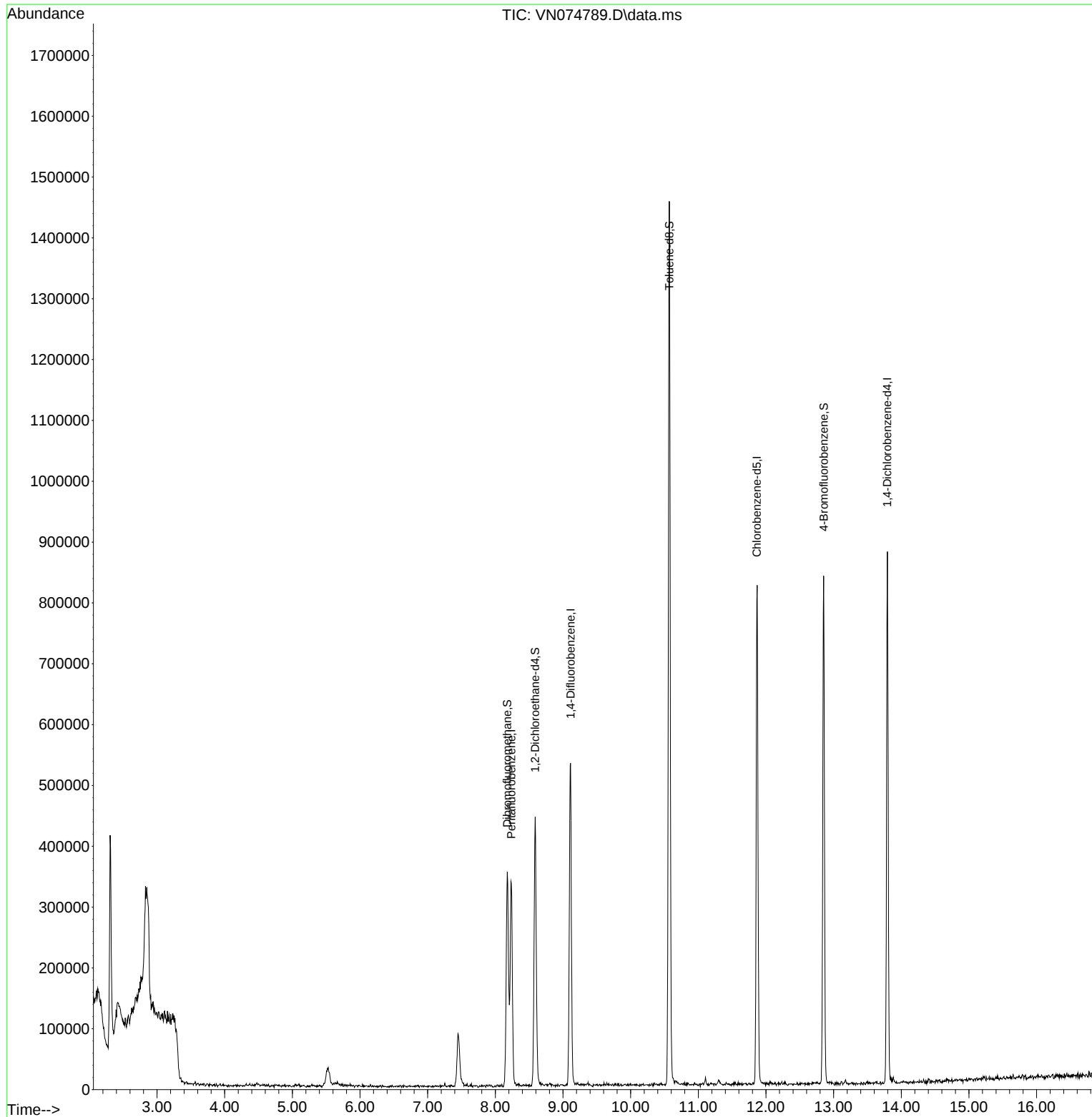
Target Compounds	Qvalue

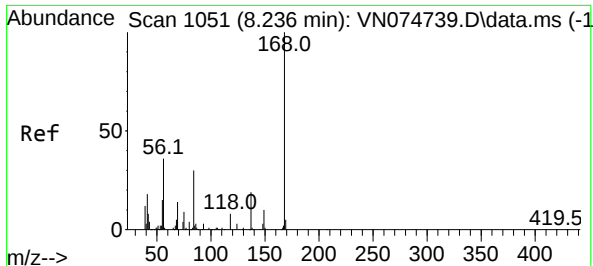
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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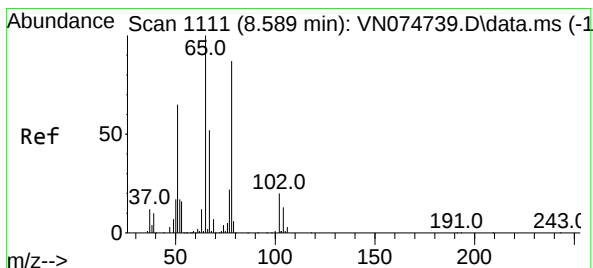
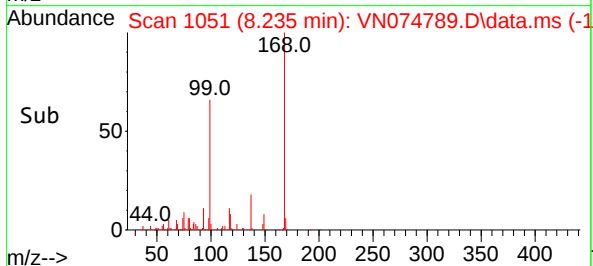
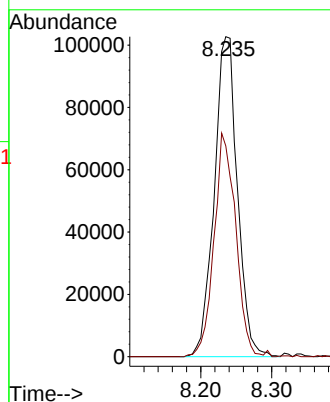
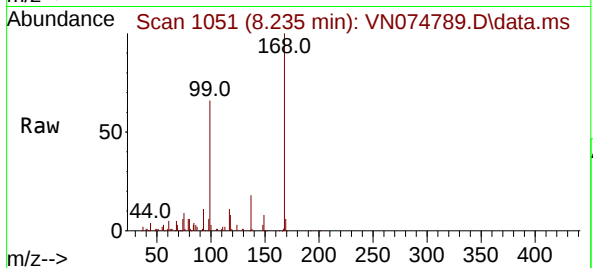




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

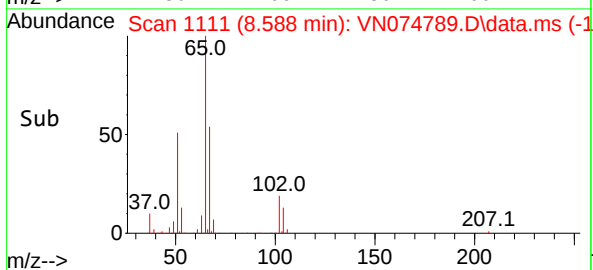
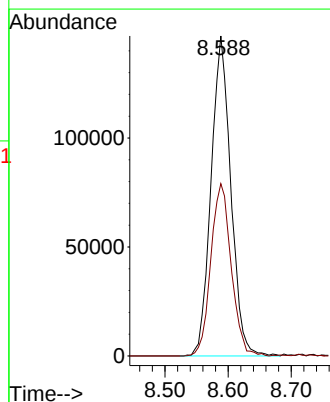
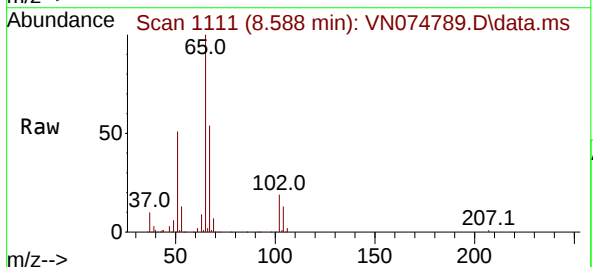
Instrument :
MSVOA_N
ClientSampleId :
MW-2

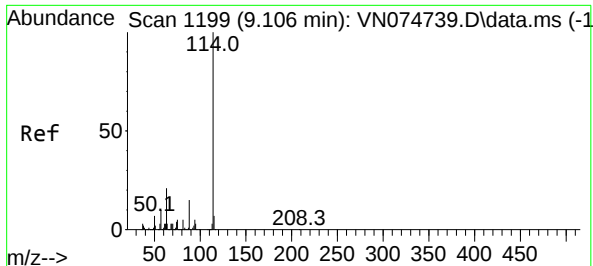
Tgt Ion:168 Resp: 232281
Ion Ratio Lower Upper
168 100
99 65.8 42.8 64.2#



#33
1,2-Dichloroethane-d4
Concen: 57.905 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 65 Resp: 318694
Ion Ratio Lower Upper
65 100
67 55.6 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: VN074789.D

Acq: 06 Oct 2022 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2

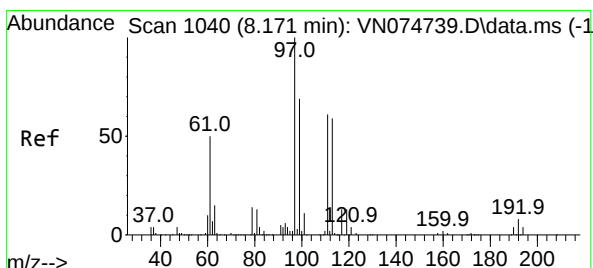
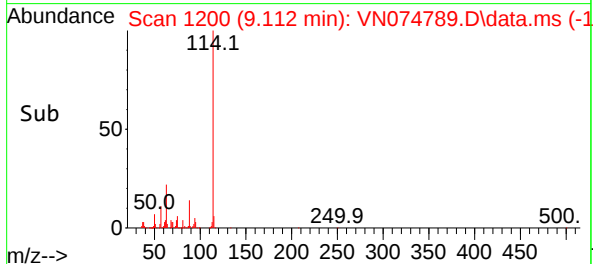
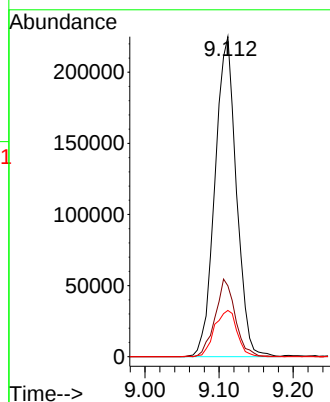
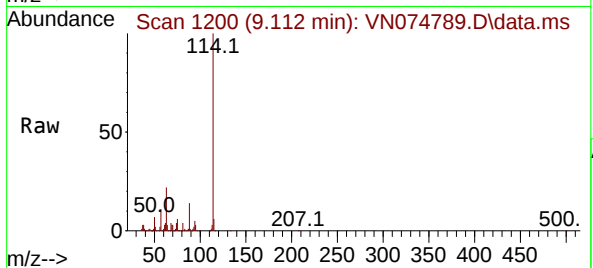
Tgt Ion:114 Resp: 452140

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.2

88 14.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.329 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074789.D

Acq: 06 Oct 2022 17:28

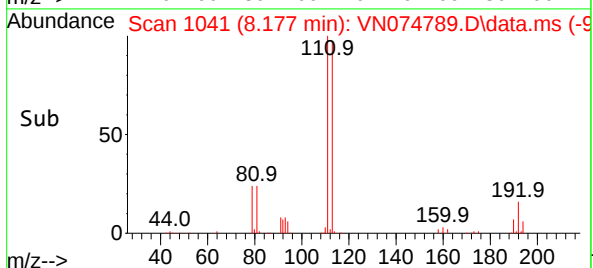
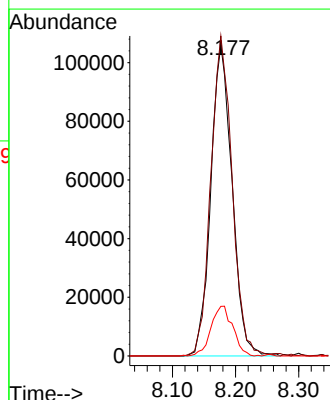
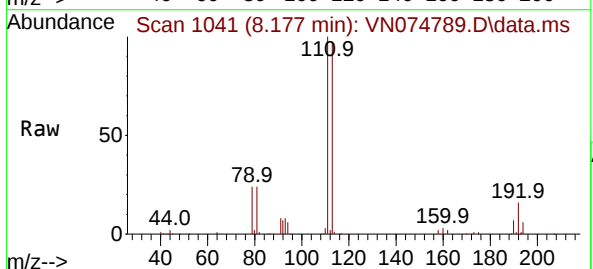
Tgt Ion:113 Resp: 248189

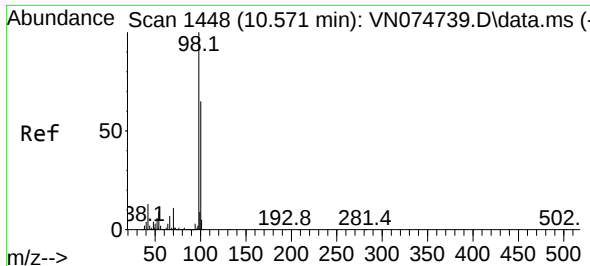
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 16.5 12.6 18.8

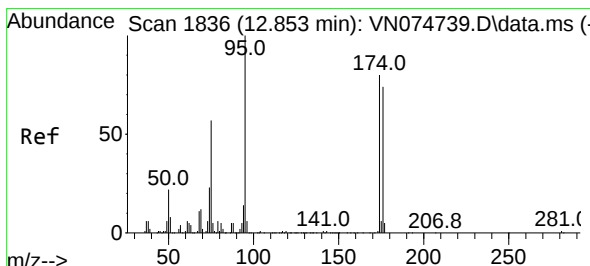
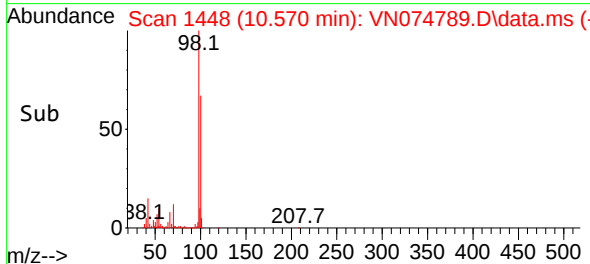
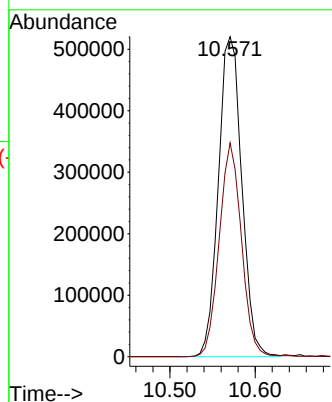
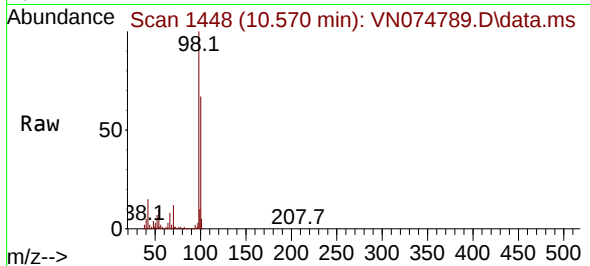




#50
Toluene-d8
Concen: 50.636 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

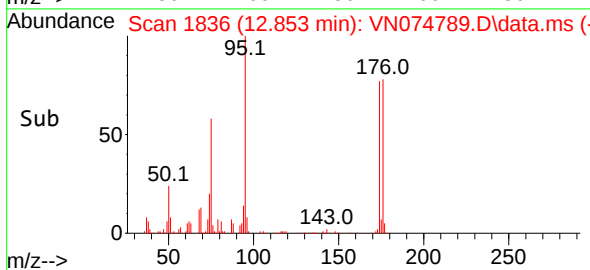
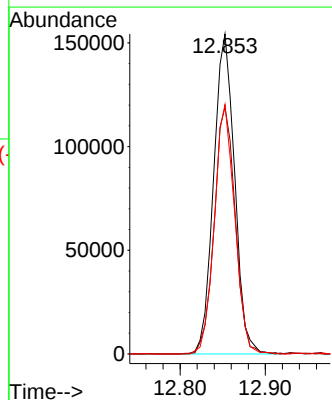
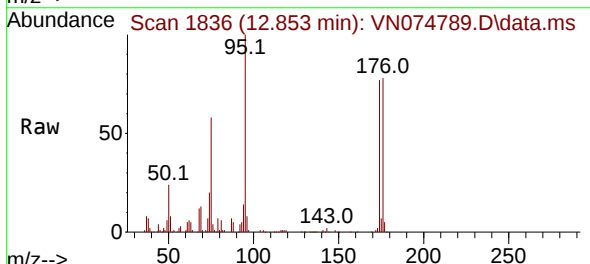
Instrument :
MSVOA_N
ClientSampleId :
MW-2

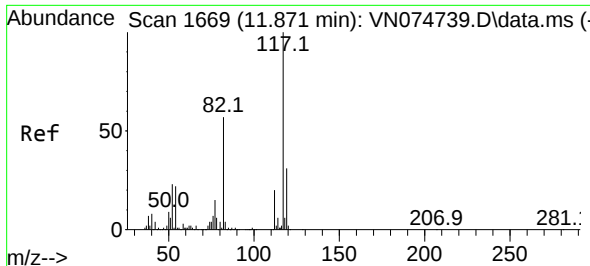
Tgt Ion: 98 Resp: 992563
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.206 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 95 Resp: 263404
Ion Ratio Lower Upper
95 100
174 77.4 0.0 149.4
176 75.8 0.0 142.0

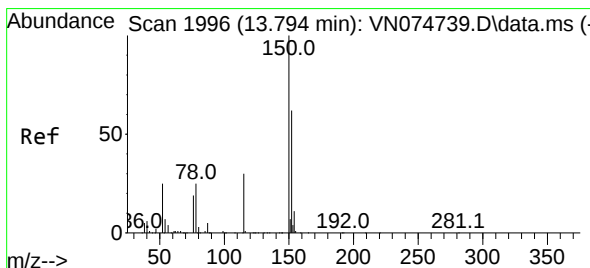
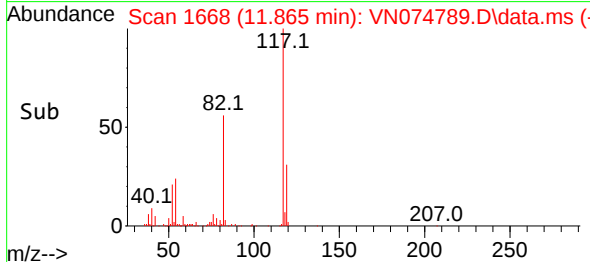
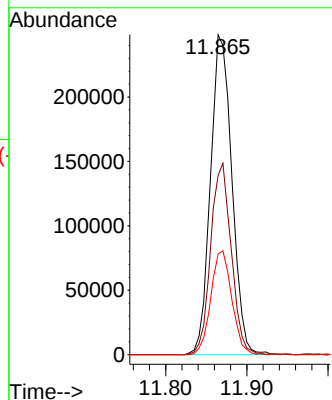
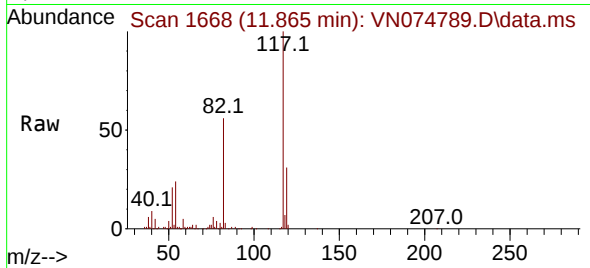




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 455437
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.5 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: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion:152 Resp: 219066
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 157.1 0.0 356.4

