

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074701.D
 Acq On : 01 Oct 2022 09:39
 Operator : JC\MD
 Sample : N4882-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-126

Quant Time: Oct 03 02:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	504648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	926721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	965850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	447784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	630464	49.849	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	7.869	113	508720	51.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	10.310	98	2002289	48.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.604	95	627142	47.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.880%

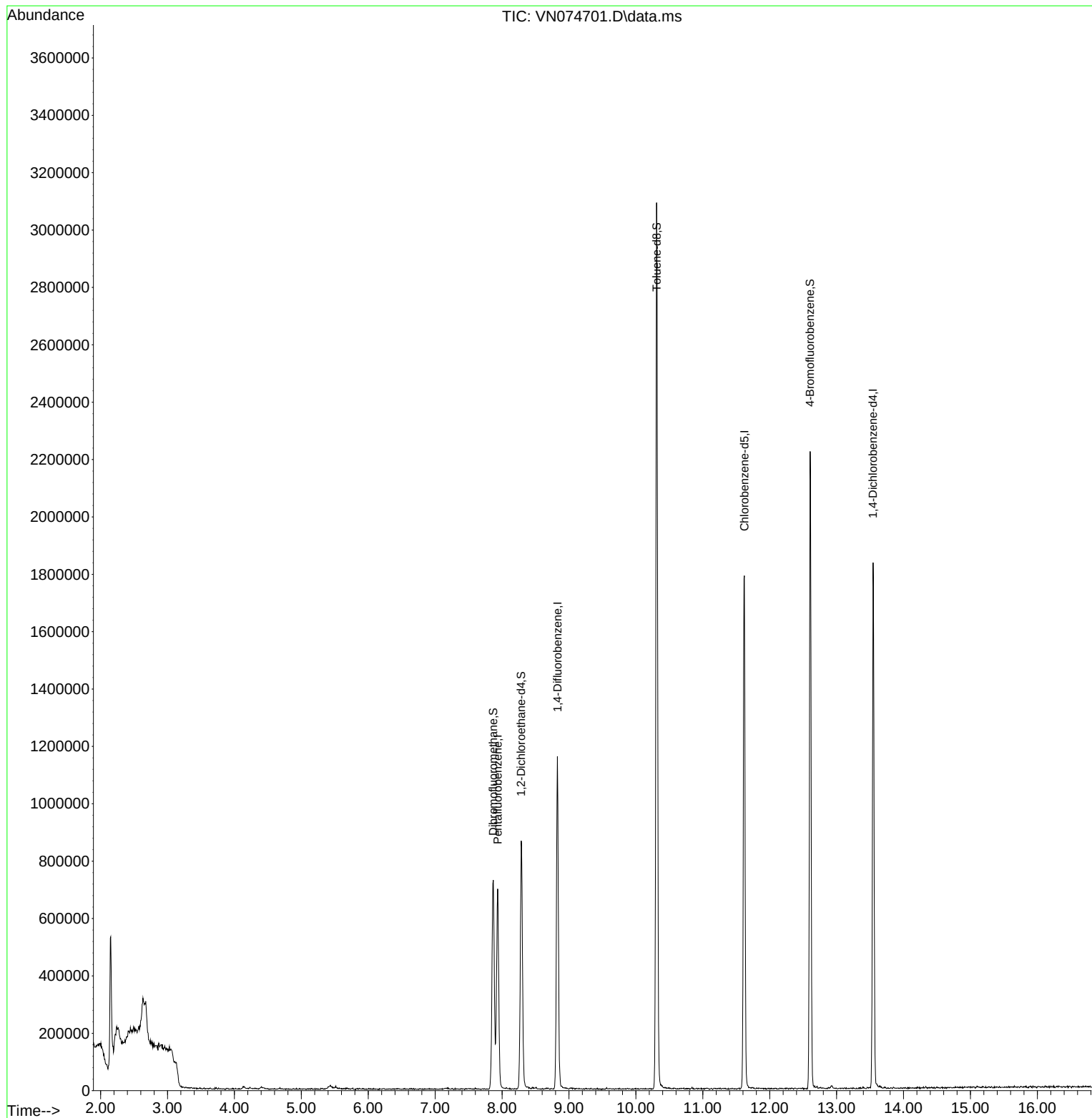
Target Compounds	Qvalue

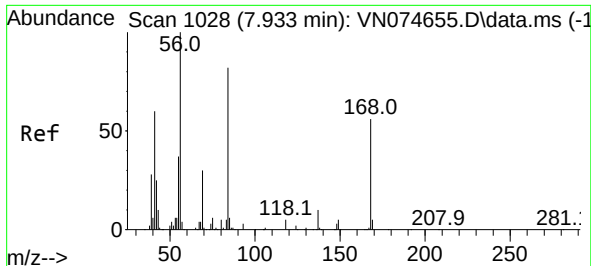
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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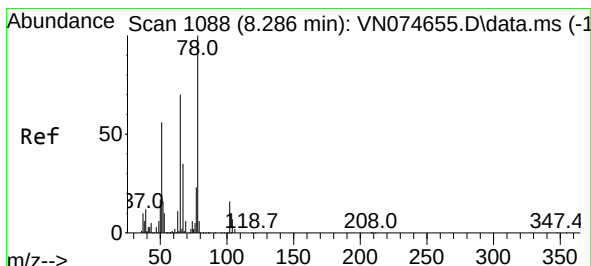
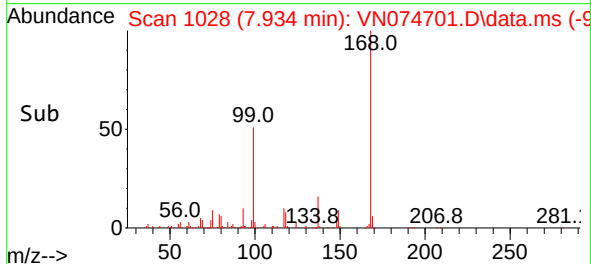
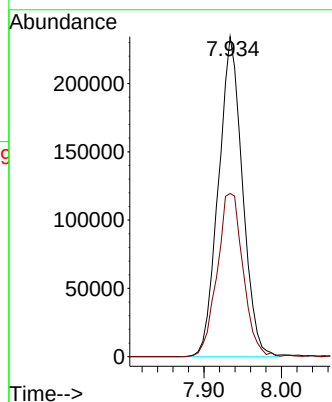
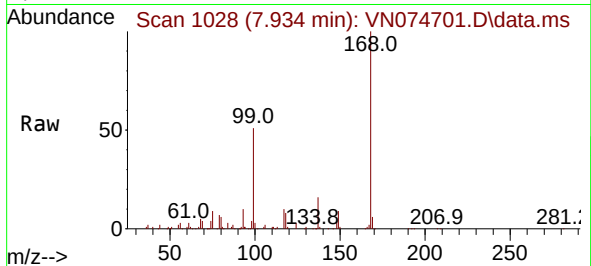




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

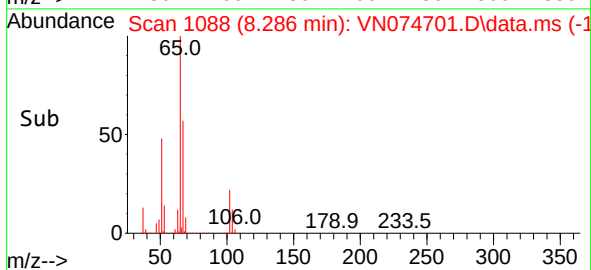
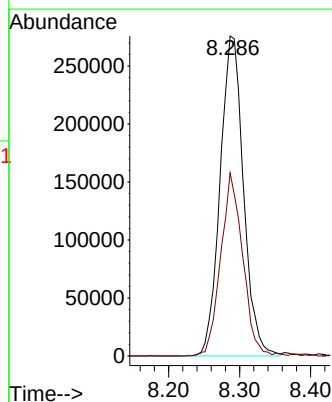
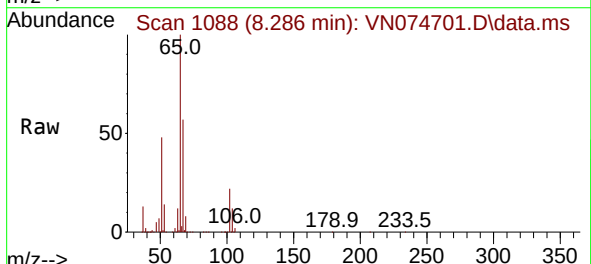
Instrument :
MSVOA_N
ClientSampleId :
MW-126

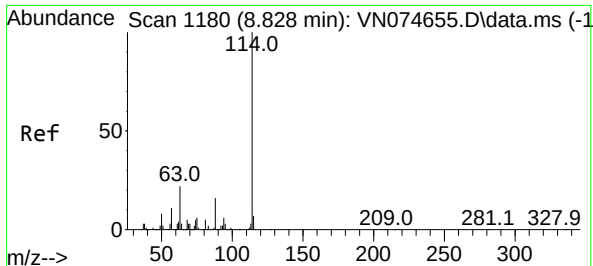
Tgt Ion:168 Resp: 504648
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.849 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

Tgt Ion: 65 Resp: 630464
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074701.D

Acq: 01 Oct 2022 09:39

Instrument :

MSVOA_N

ClientSampleId :

MW-126

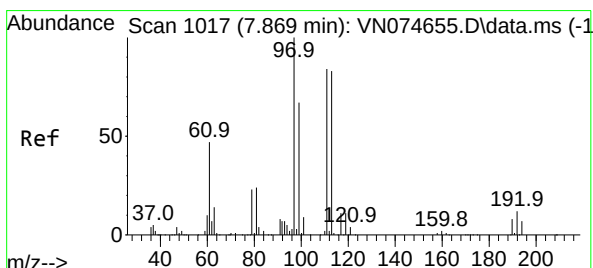
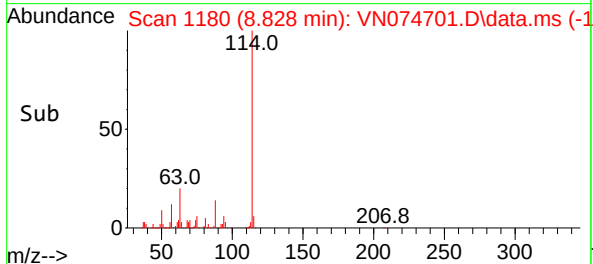
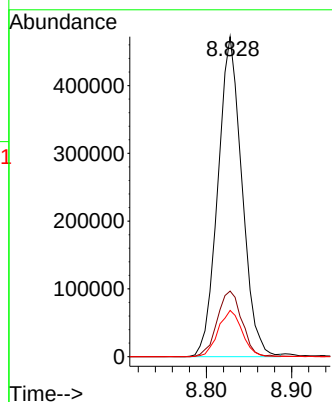
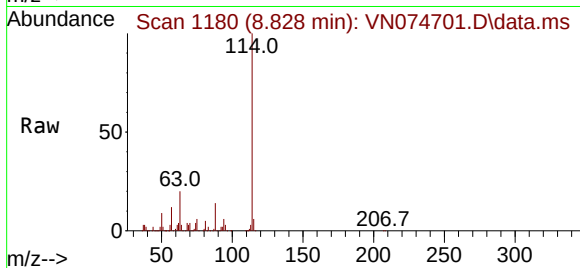
Tgt Ion:114 Resp: 926721

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.863 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074701.D

Acq: 01 Oct 2022 09:39

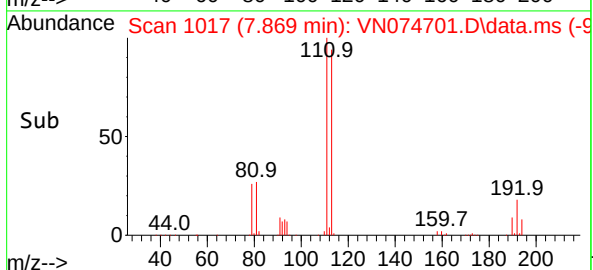
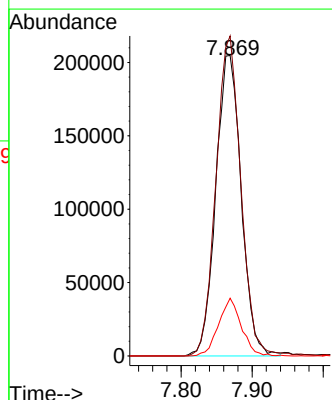
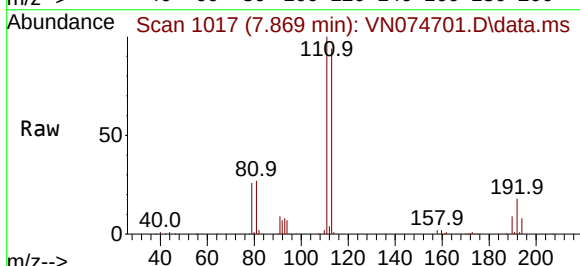
Tgt Ion:113 Resp: 508720

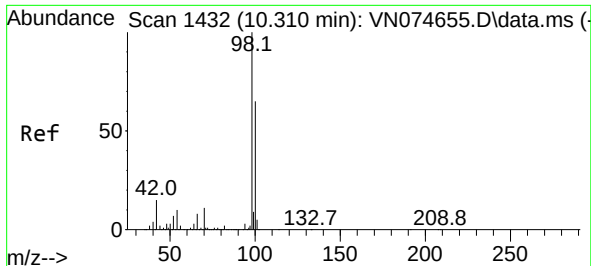
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 17.2 17.0 25.6

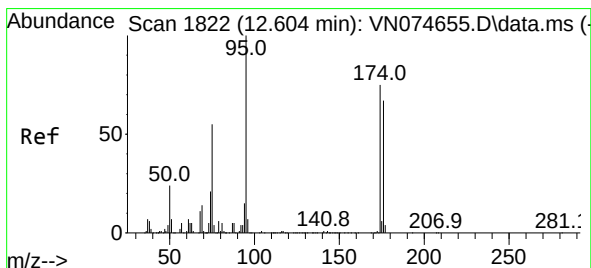
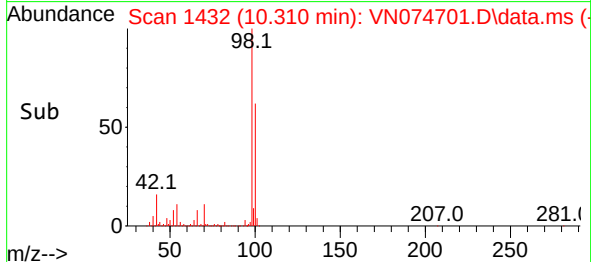
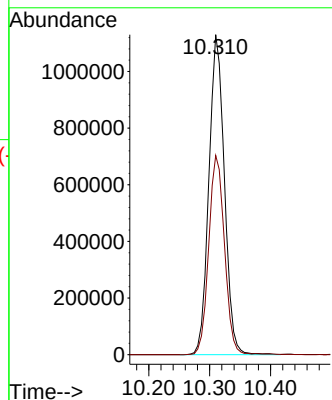
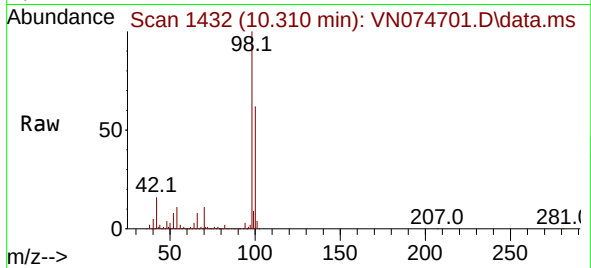




#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

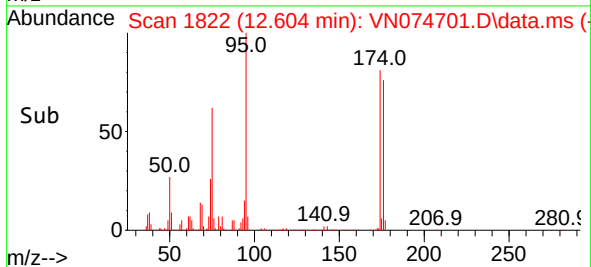
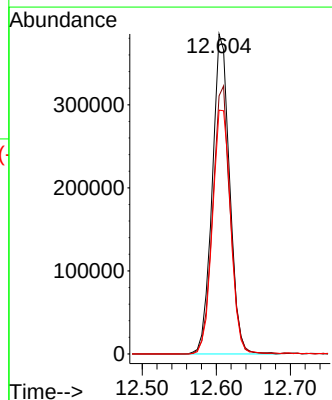
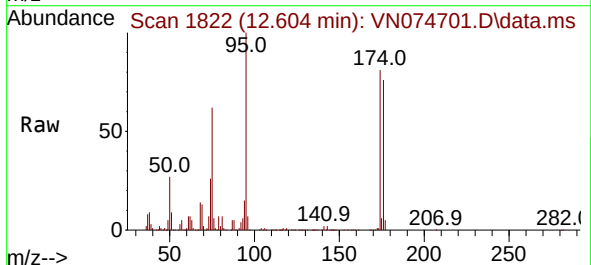
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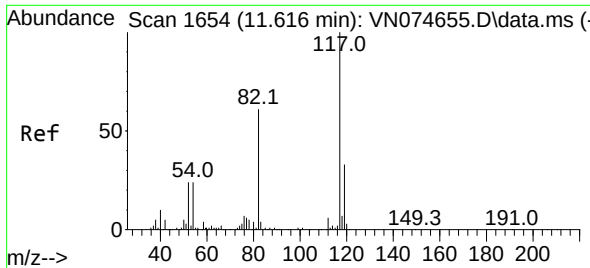
Tgt Ion: 98 Resp: 2002289
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.936 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

Tgt Ion: 95 Resp: 627142
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 80.1 0.0 163.4

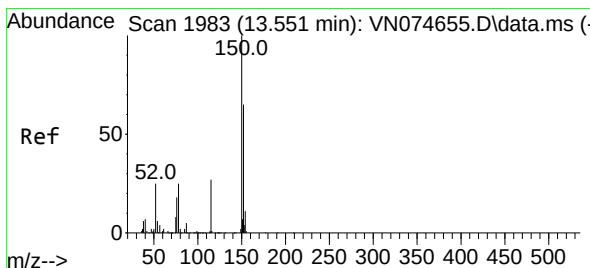
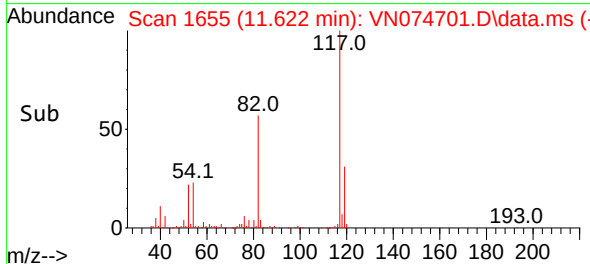
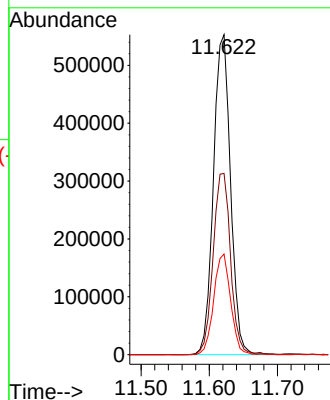
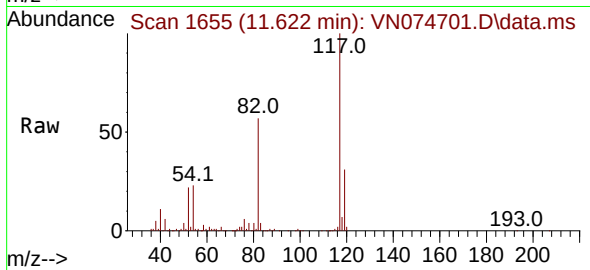




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

Instrument :
MSVOA_N
ClientSampleId :
MW-126

Tgt Ion:117 Resp: 965850
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN074701.D
Acq: 01 Oct 2022 09:39

Tgt Ion:152 Resp: 447784
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 157.2 0.0 356.2

