

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074777.D
 Acq On : 06 Oct 2022 12:39
 Operator : JC\MD
 Sample : N5005-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-100422

Quant Time: Oct 06 12:57:34 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	8.236	168	241293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	452560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318488	55.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.420%
35) Dibromofluoromethane	8.183	113	245843	53.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.180%
50) Toluene-d8	10.571	98	1009582	51.457	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.853	95	256063	42.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.860%

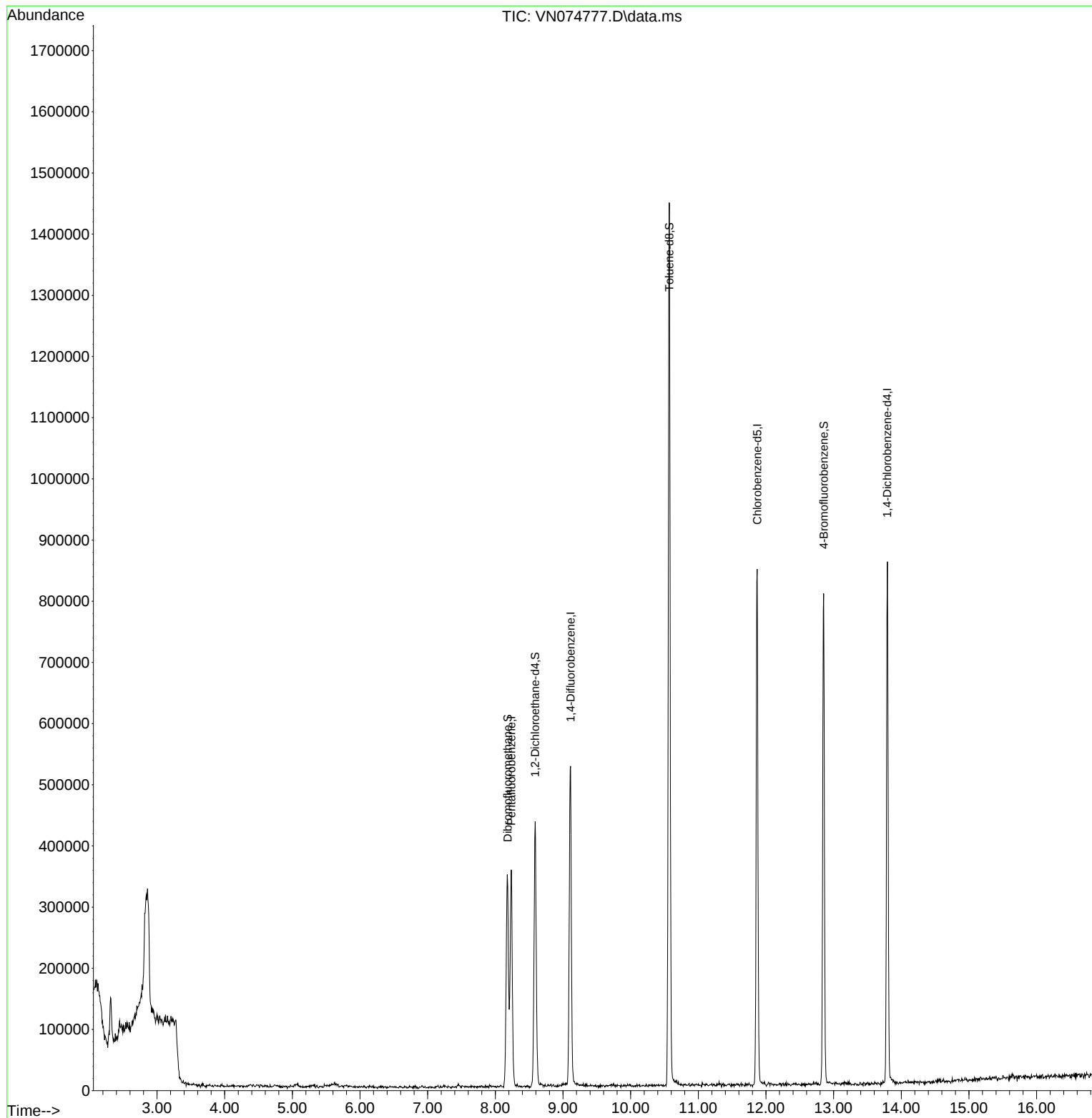
Target Compounds	Qvalue

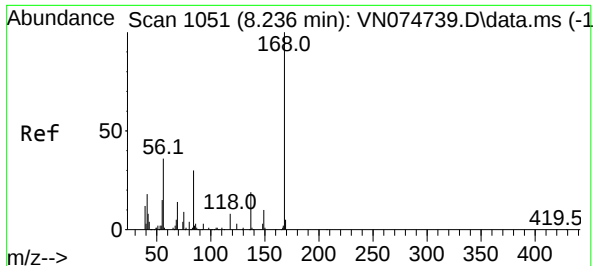
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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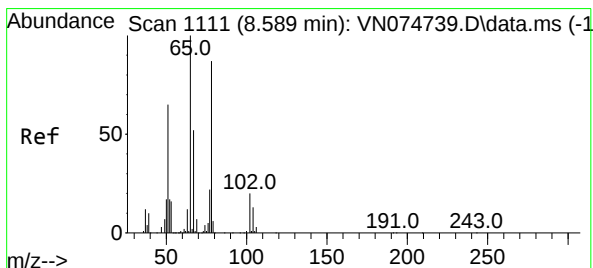
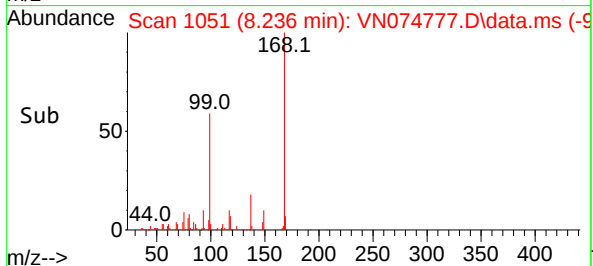
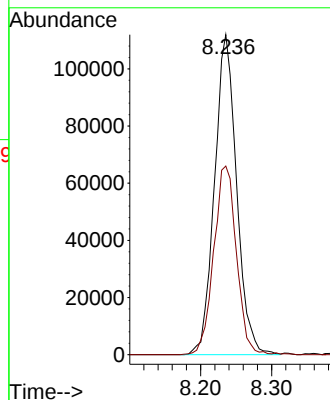
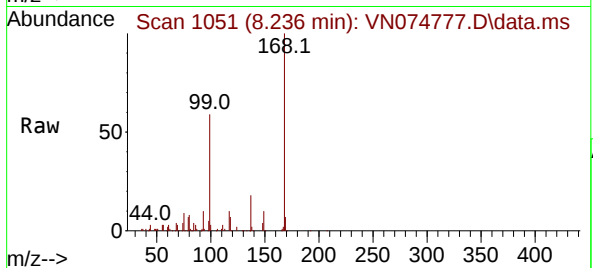




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

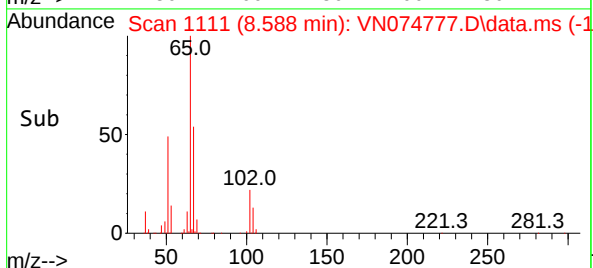
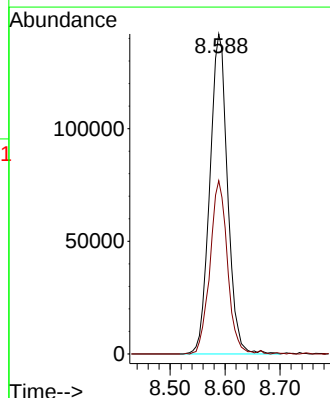
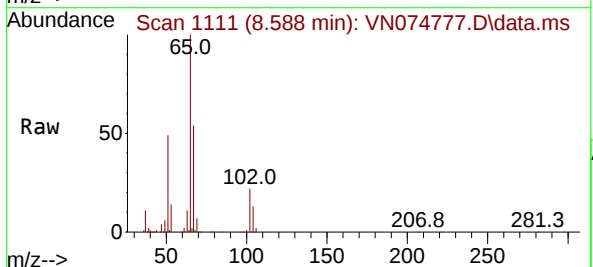
Instrument :
MSVOA_N
ClientSampleId :
TB-01-100422

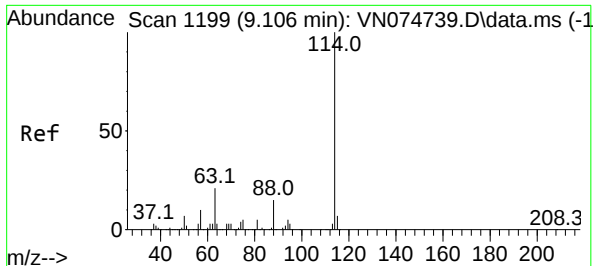
Tgt Ion:168 Resp: 241293
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 55.707 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

Tgt Ion: 65 Resp: 318488
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074777.D

Acq: 06 Oct 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

TB-01-100422

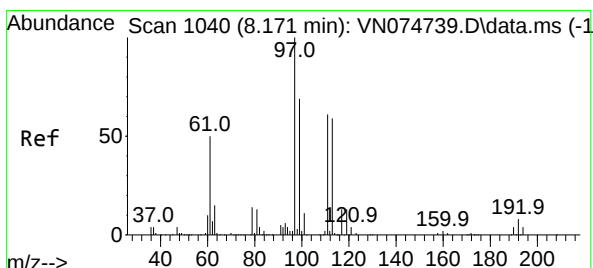
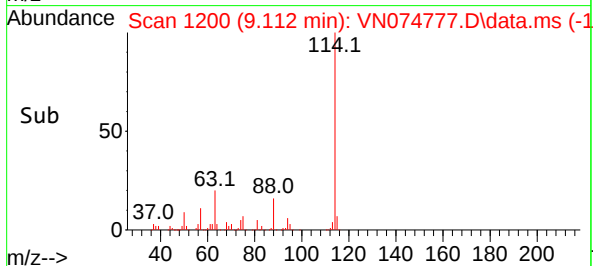
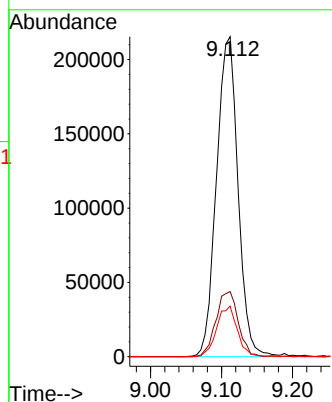
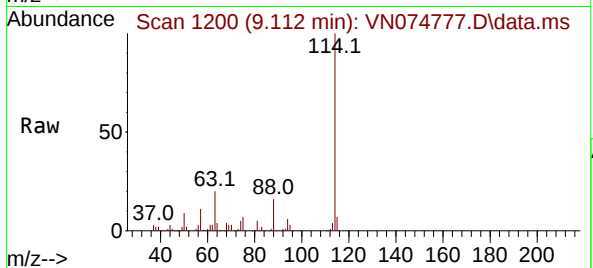
Tgt Ion:114 Resp: 452560

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.088 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VN074777.D

Acq: 06 Oct 2022 12:39

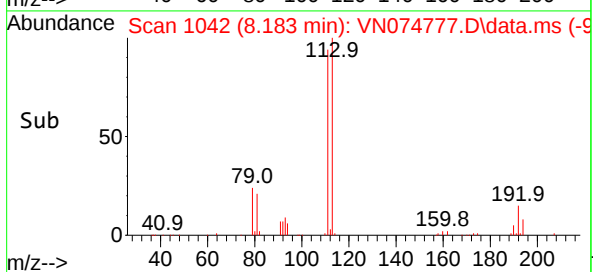
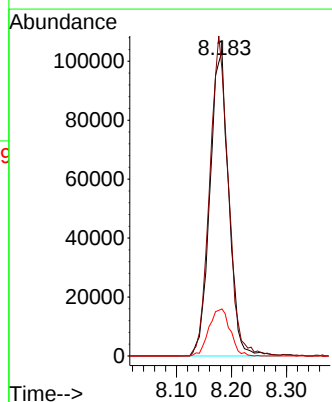
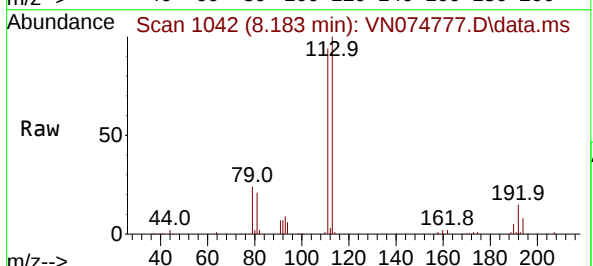
Tgt Ion:113 Resp: 245843

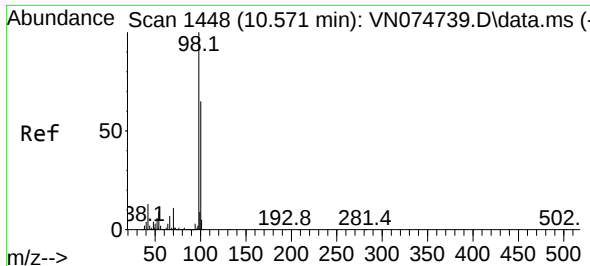
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 17.3 17.0 25.6

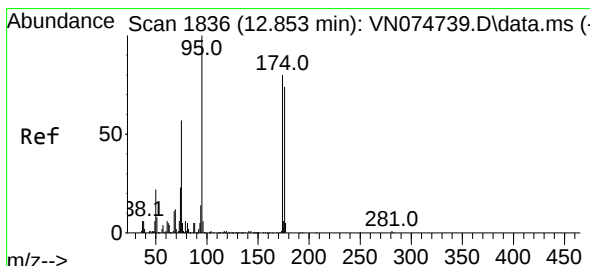
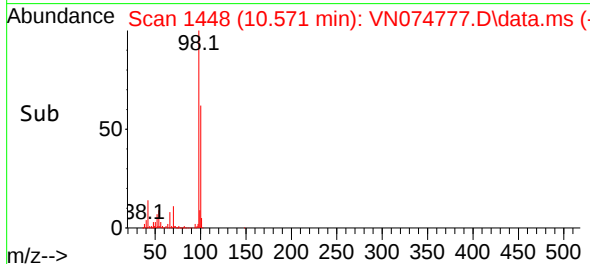
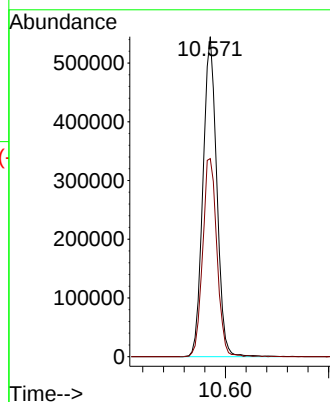
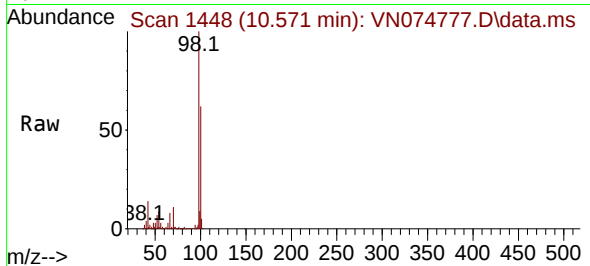




#50
Toluene-d8
Concen: 51.457 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

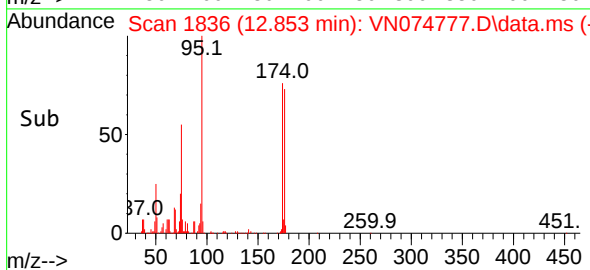
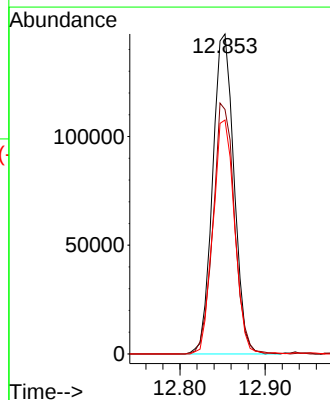
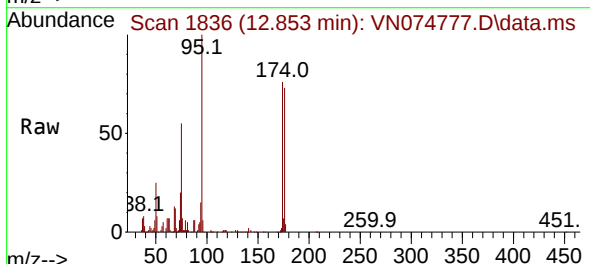
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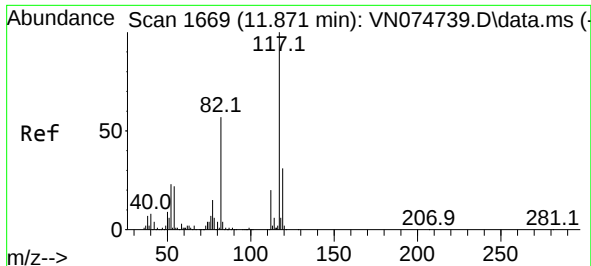
Tgt Ion: 98 Resp: 1009582
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.934 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

Tgt Ion: 95 Resp: 256063
Ion Ratio Lower Upper
95 100
174 78.7 0.0 167.6
176 74.0 0.0 163.4

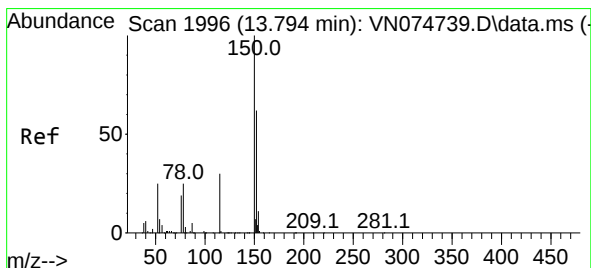
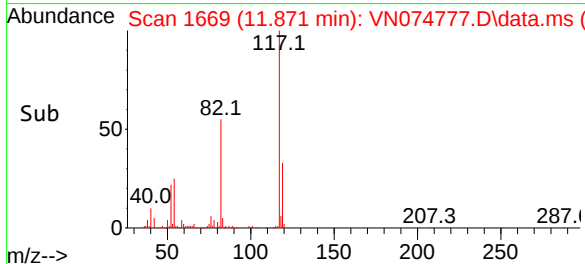
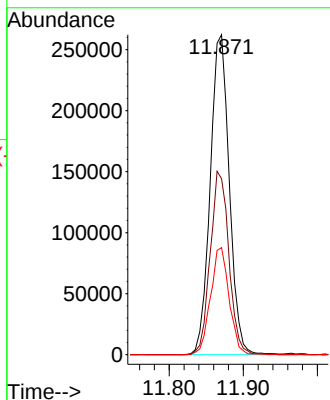
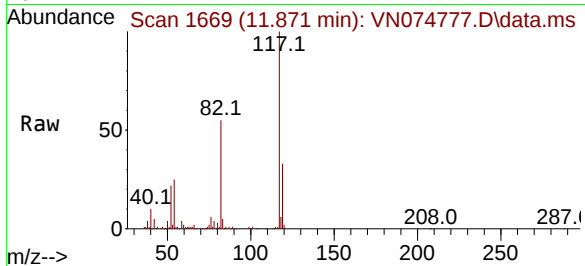




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

Instrument :
MSVOA_N
ClientSampleId :
TB-01-100422

Tgt Ion:117 Resp: 468800
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN074777.D
Acq: 06 Oct 2022 12:39

Tgt Ion:152 Resp: 221828
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 154.6 0.0 356.2

