

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075639.D
 Acq On : 08 Dec 2022 10:44
 Operator : JC\MD
 Sample : VN1208WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBL01

Quant Time: Dec 09 02:04:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	47275	51.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.400%
35) Dibromofluoromethane	8.171	113	60116	54.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.540%
50) Toluene-d8	10.571	98	121192	48.578	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.853	95	90363	49.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%

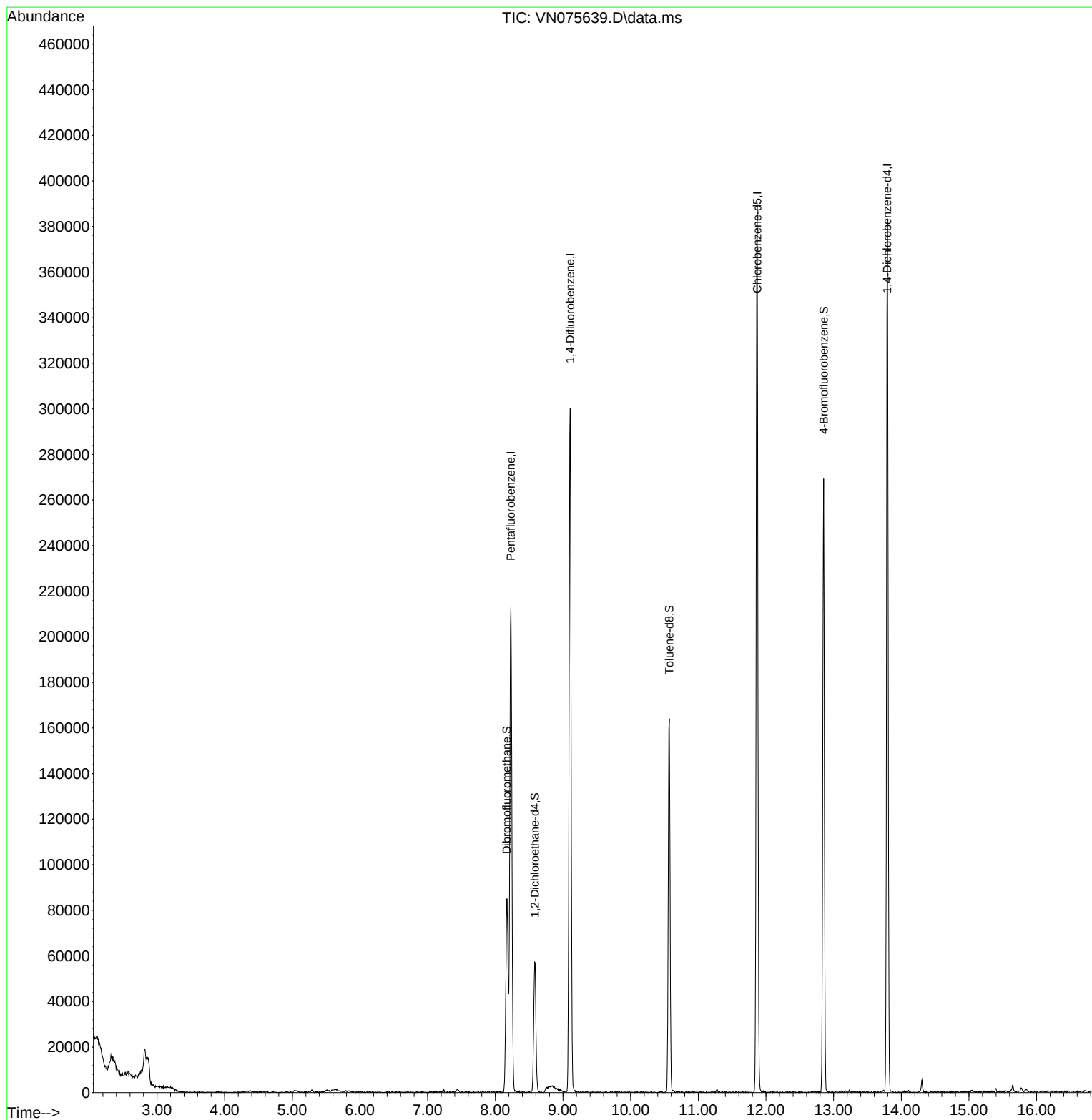
Target Compounds	Qvalue

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

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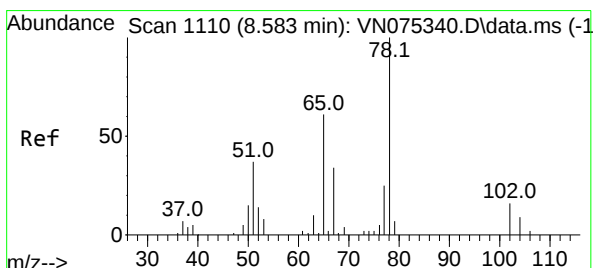
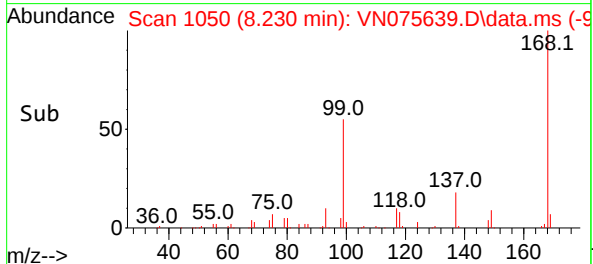
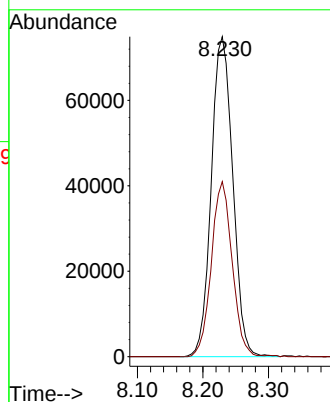
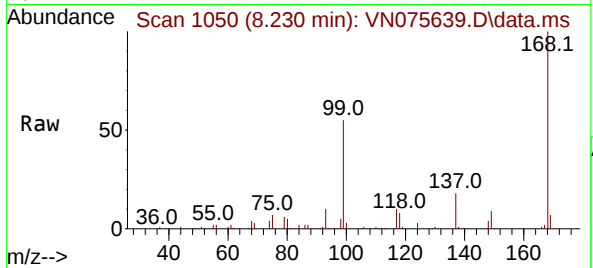




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

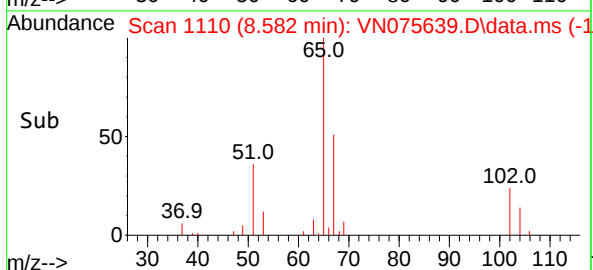
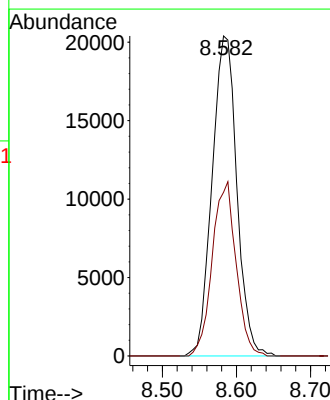
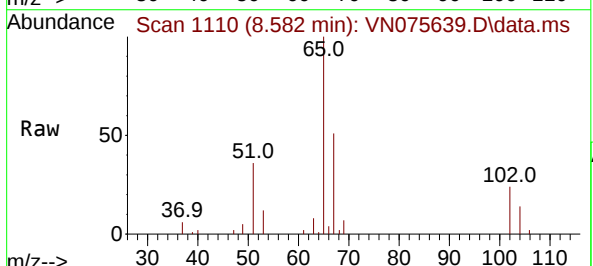
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

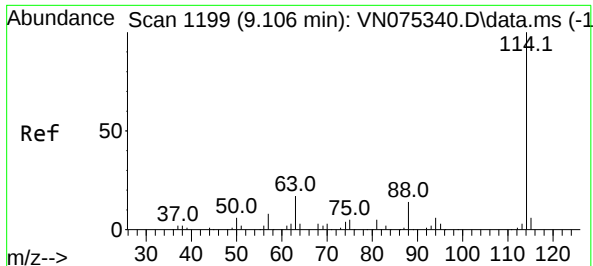
Tgt Ion:168 Resp: 170348
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.700 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 65 Resp: 47275
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBL01

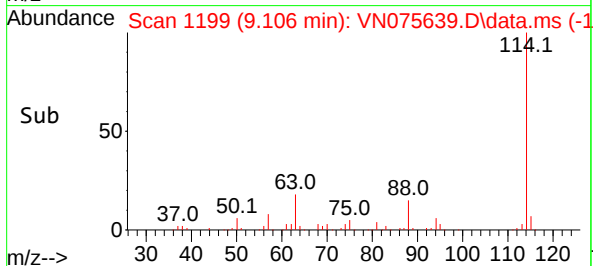
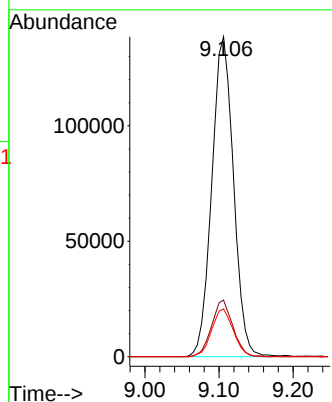
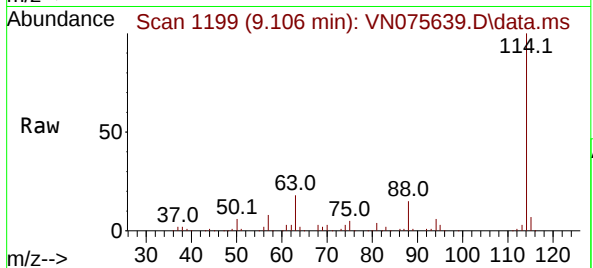
Tgt Ion:114 Resp: 281973

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.272 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075639.D

Acq: 08 Dec 2022 10:44

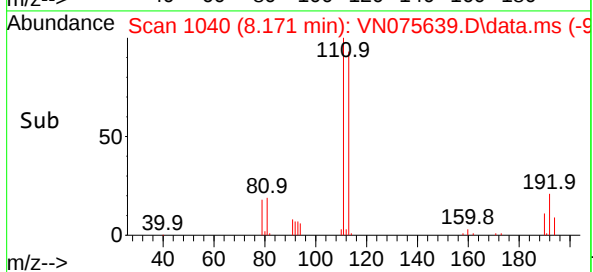
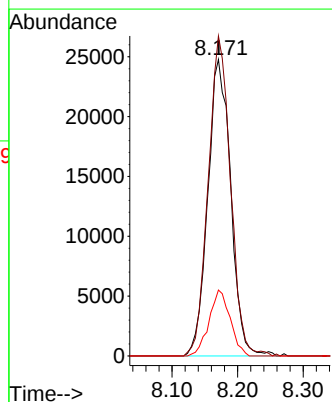
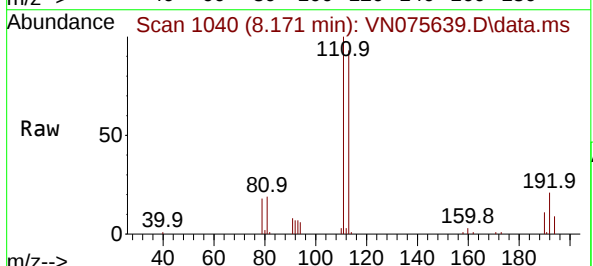
Tgt Ion:113 Resp: 60116

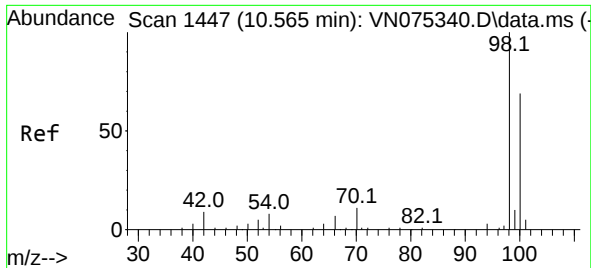
Ion Ratio Lower Upper

113 100

111 105.1 80.5 120.7

192 20.5 13.2 19.8#

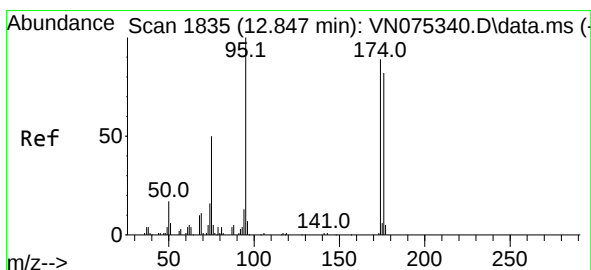
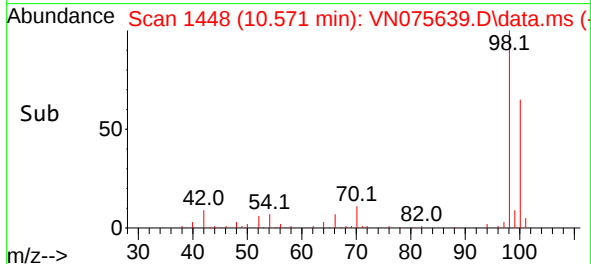
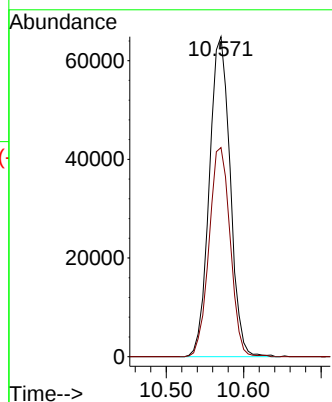
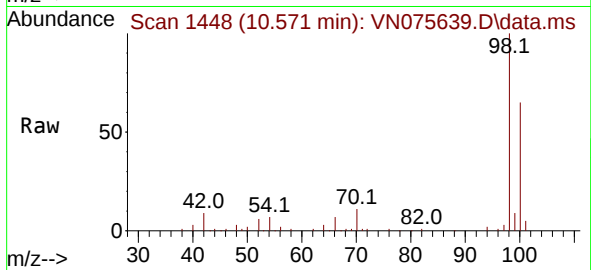




#50
Toluene-d8
Concen: 48.578 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

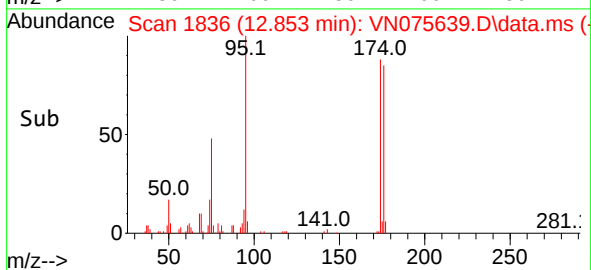
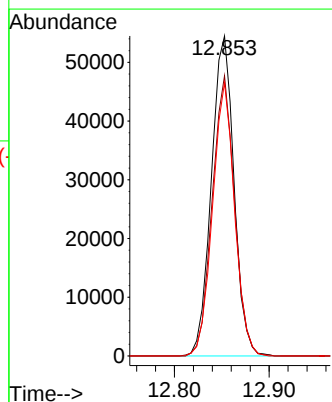
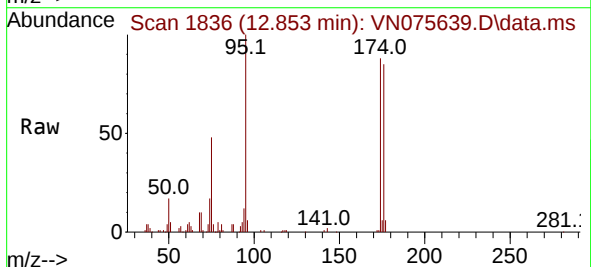
Instrument :
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VN1208WBL01

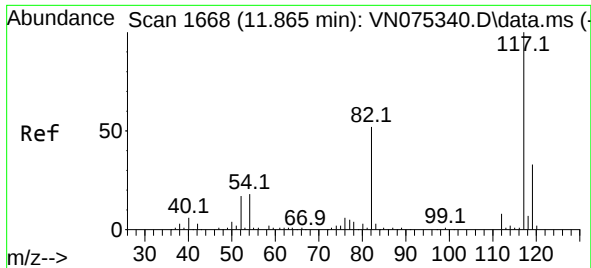
Tgt Ion: 98 Resp: 121192
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 95 Resp: 90363
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 83.1 0.0 142.2

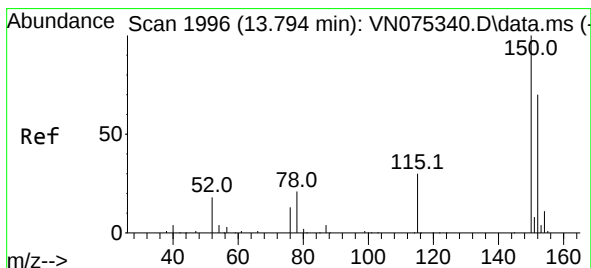
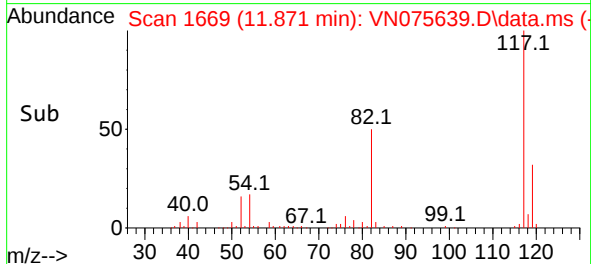
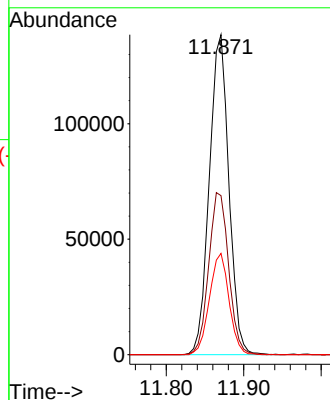
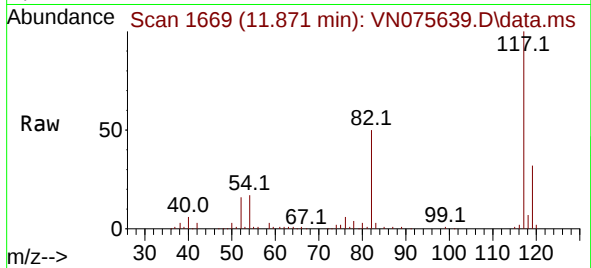




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBL01

Tgt Ion:117 Resp: 243378
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075639.D
Acq: 08 Dec 2022 10:44

Tgt Ion:152 Resp: 110675
Ion Ratio Lower Upper
152 100
115 56.6 30.2 90.6
150 156.2 0.0 348.4

