

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075524.D
 Acq On : 02 Dec 2022 11:57
 Operator : JC\MD
 Sample : VN1202WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBL01

Quant Time: Dec 03 00:30:01 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	8.229	168	122555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	213669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	36102	54.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.760%
35) Dibromofluoromethane	8.171	113	44844	53.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.860%
50) Toluene-d8	10.571	98	87963	46.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.853	95	60601	43.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.860%

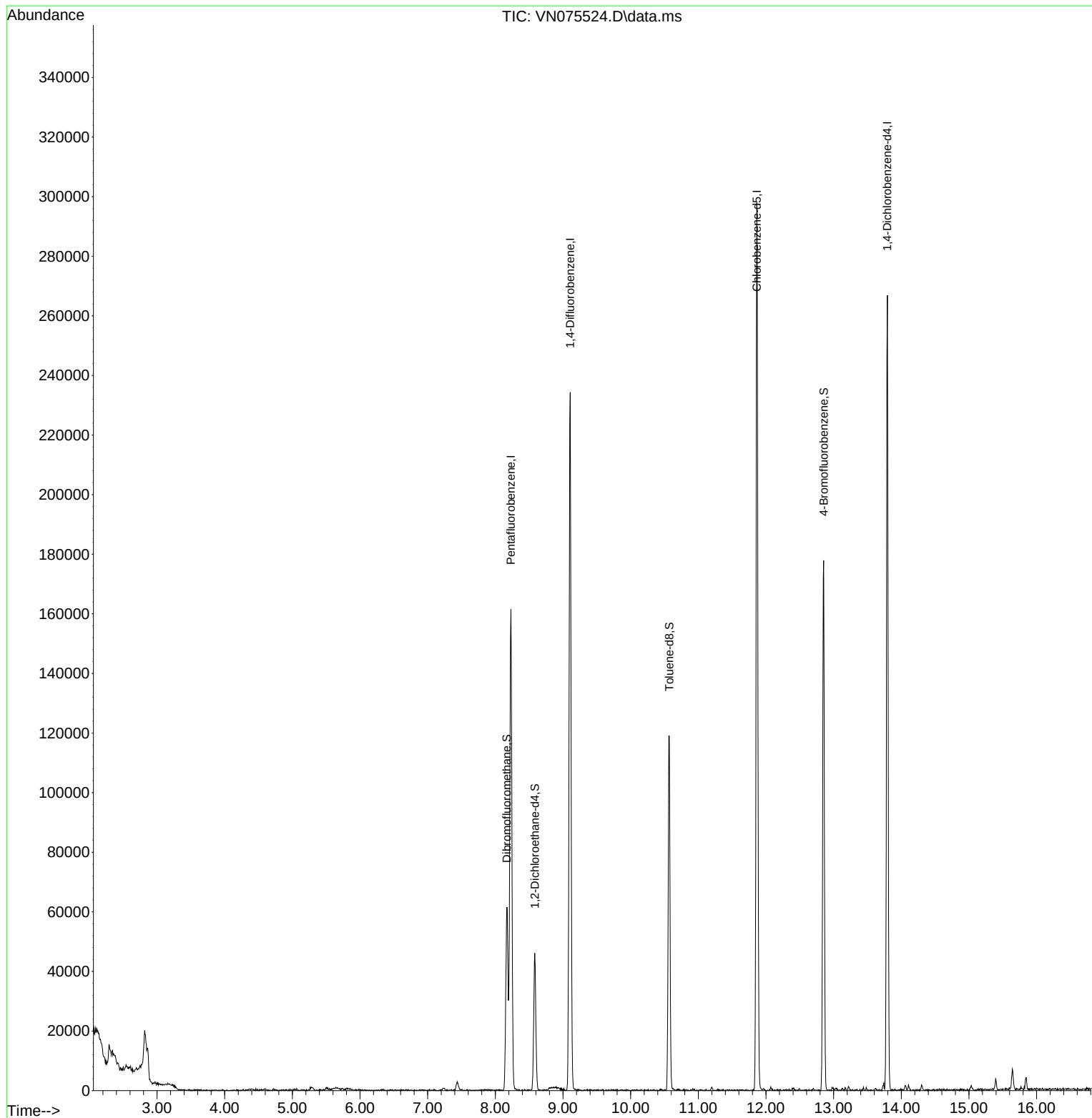
Target Compounds	Qvalue

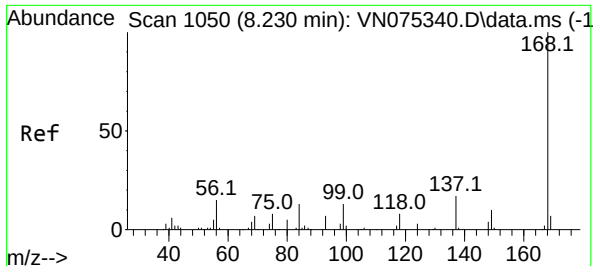
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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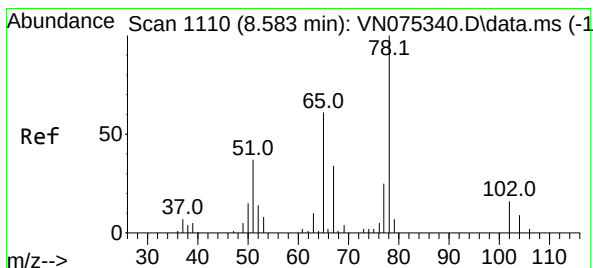
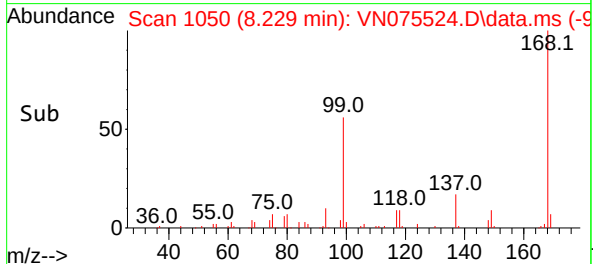
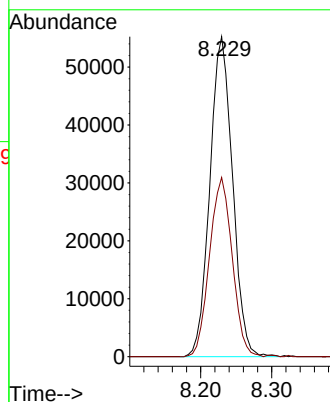
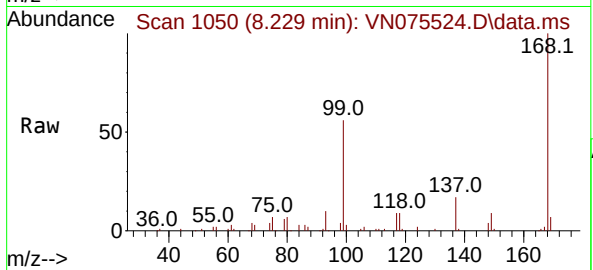




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VN075524.D
Acq: 02 Dec 2022 11:57

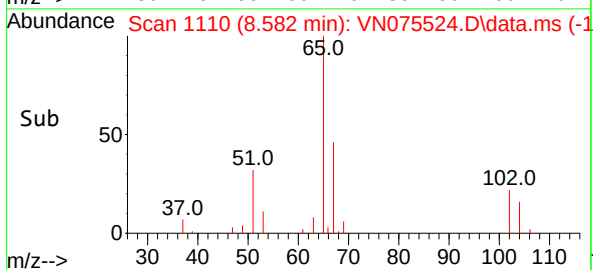
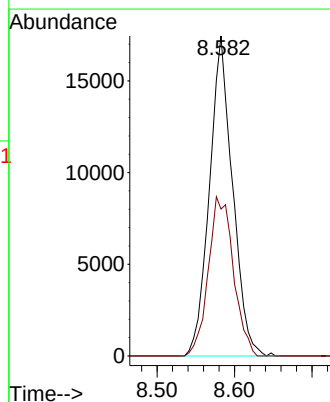
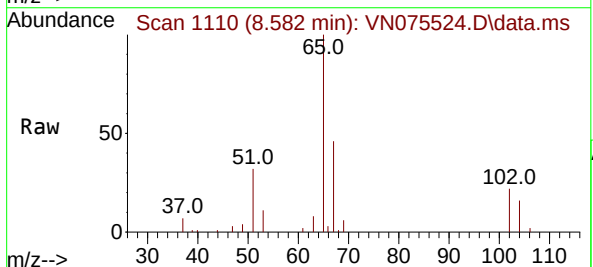
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

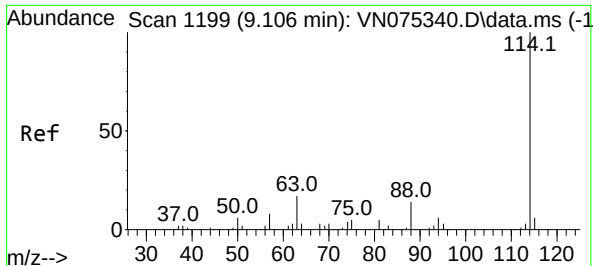
Tgt Ion:168 Resp: 122555
Ion Ratio Lower Upper
168 100
99 56.0 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 54.878 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075524.D
Acq: 02 Dec 2022 11:57

Tgt Ion: 65 Resp: 36102
Ion Ratio Lower Upper
65 100
67 54.0 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: VN075524.D

Acq: 02 Dec 2022 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBL01

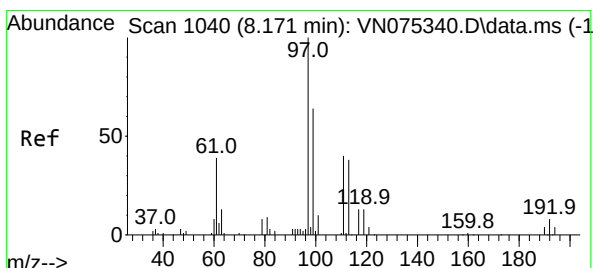
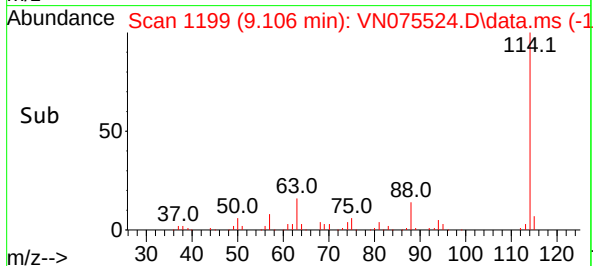
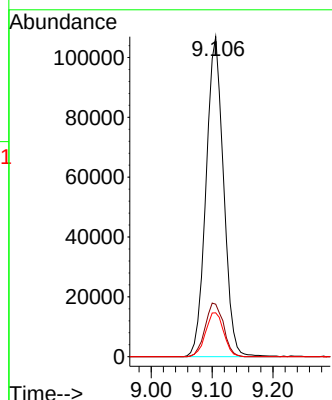
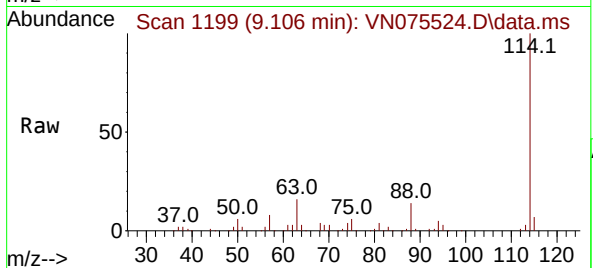
Tgt Ion:114 Resp: 213669

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 13.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.426 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075524.D

Acq: 02 Dec 2022 11:57

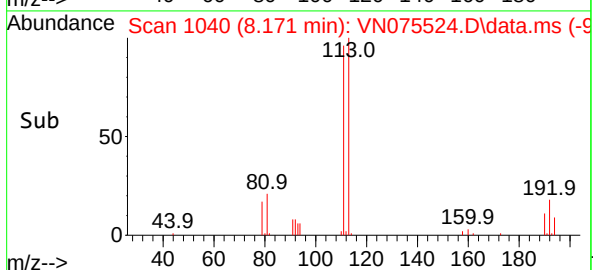
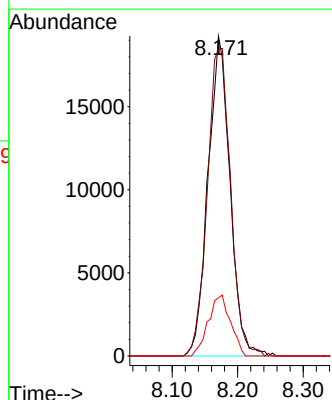
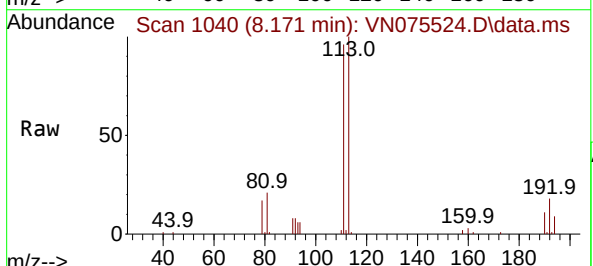
Tgt Ion:113 Resp: 44844

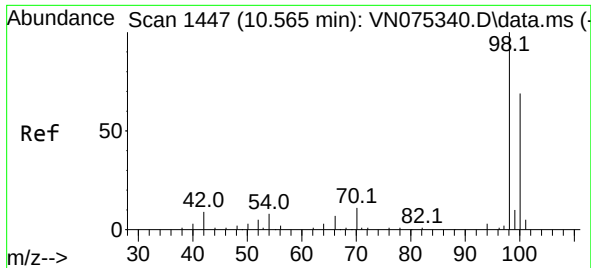
Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

192 19.2 13.2 19.8

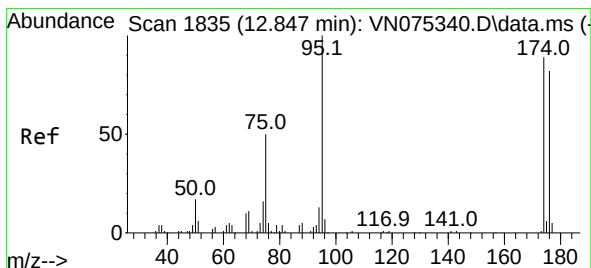
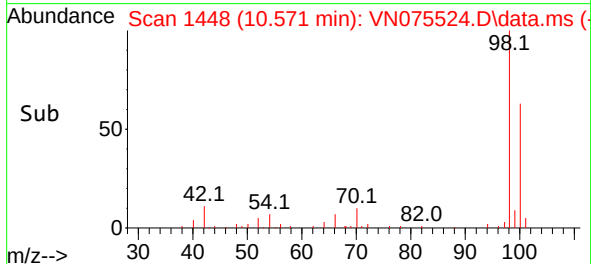
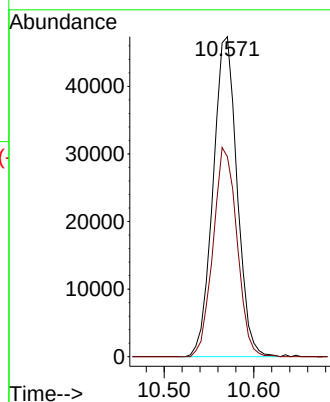
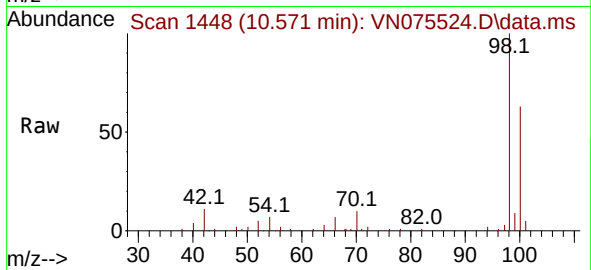




#50
Toluene-d8
Concen: 46.529 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075524.D
Acq: 02 Dec 2022 11:57

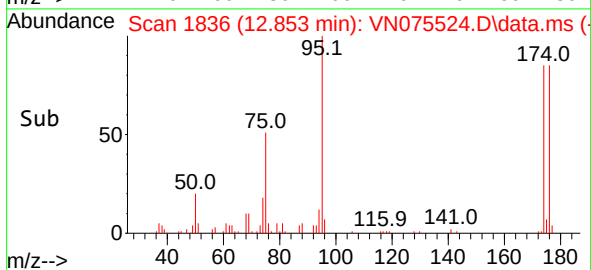
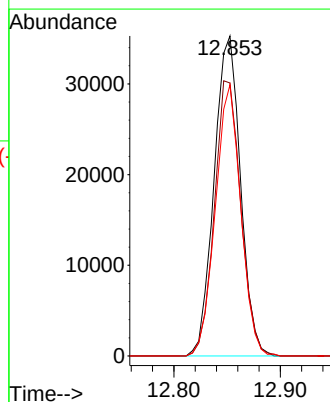
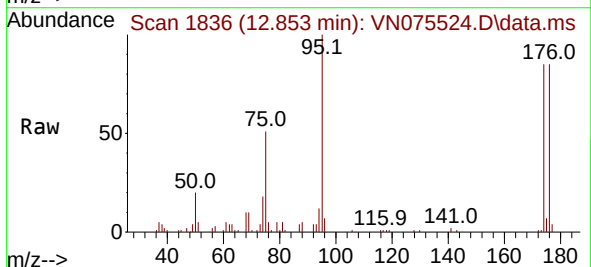
Instrument :
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VN1202WBL01

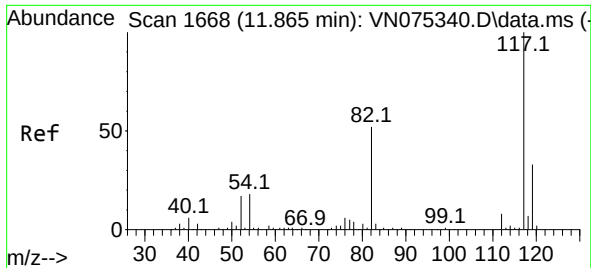
Tgt Ion: 98 Resp: 87963
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.430 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075524.D
Acq: 02 Dec 2022 11:57

Tgt Ion: 95 Resp: 60601
Ion Ratio Lower Upper
95 100
174 86.1 0.0 147.4
176 81.8 0.0 142.2

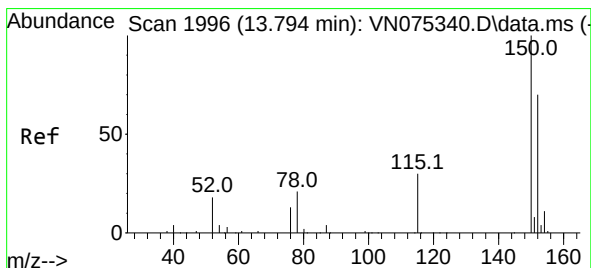
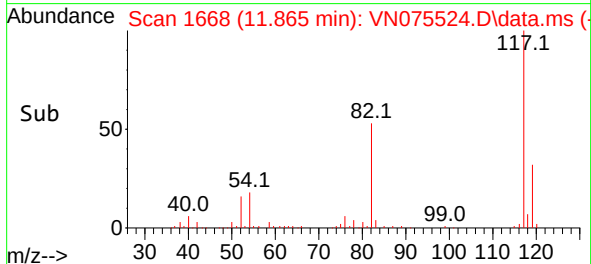
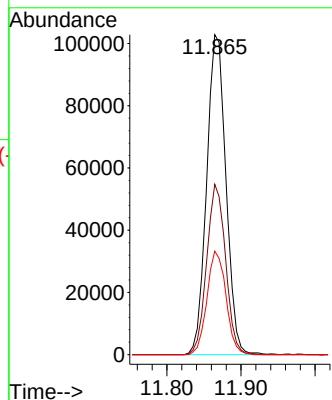
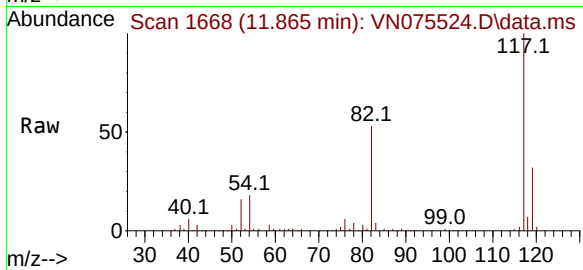




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075524.D
Acq: 02 Dec 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBL01

Tgt Ion:117 Resp: 185937
Ion Ratio Lower Upper
117 100
82 53.2 43.1 64.7
119 32.4 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: VN075524.D
Acq: 02 Dec 2022 11:57

Tgt Ion:152 Resp: 74511
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 157.3 0.0 348.4

