

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075249.D
 Acq On : 11 Nov 2022 15:41
 Operator : JC\MD
 Sample : N5582-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0669

Quant Time: Nov 14 03:46:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	103645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	197329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	170158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74021	53.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.000%
35) Dibromofluoromethane	8.177	113	64624	55.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.580%
50) Toluene-d8	10.571	98	220432	49.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.847	95	75005	47.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%

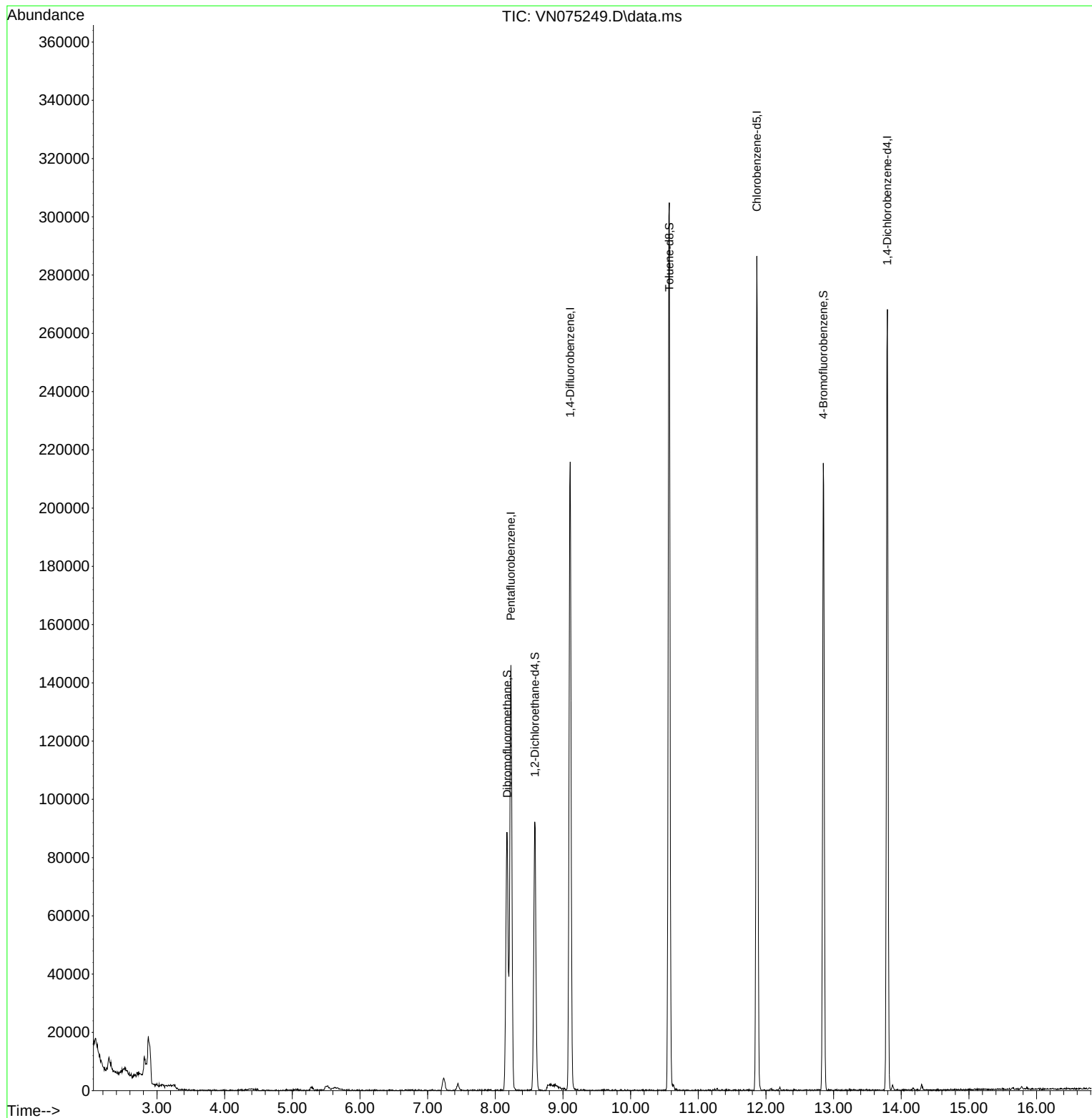
Target Compounds	Qvalue

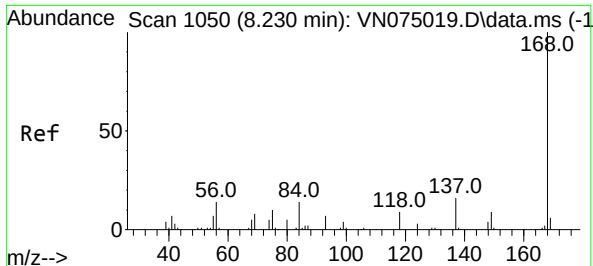
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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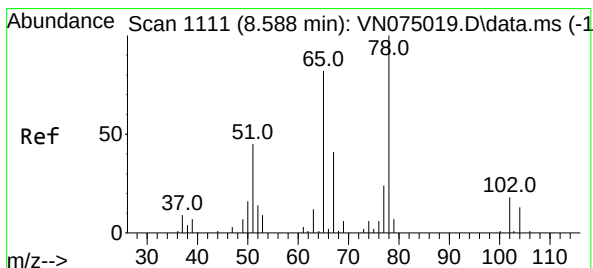
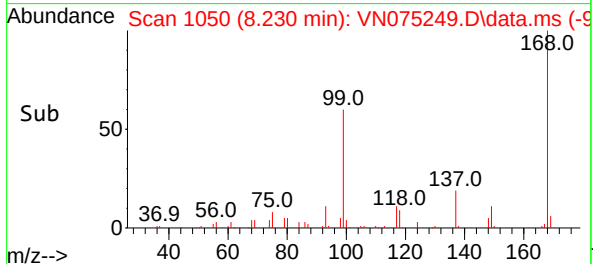
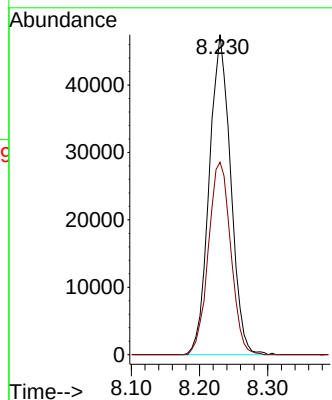
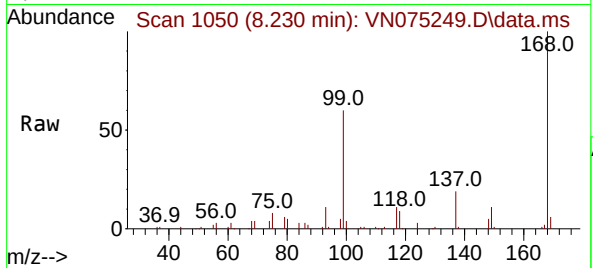




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

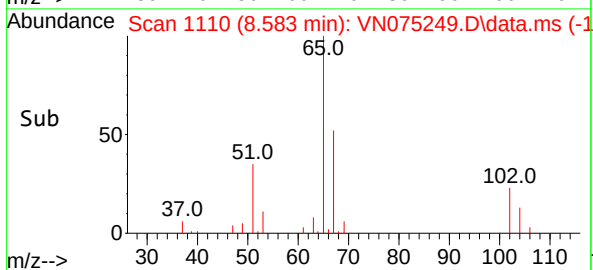
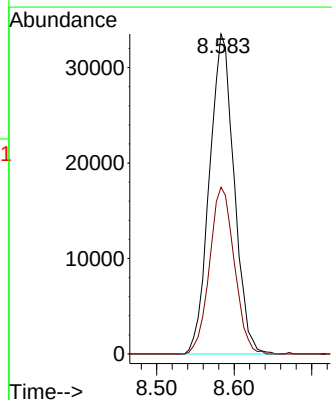
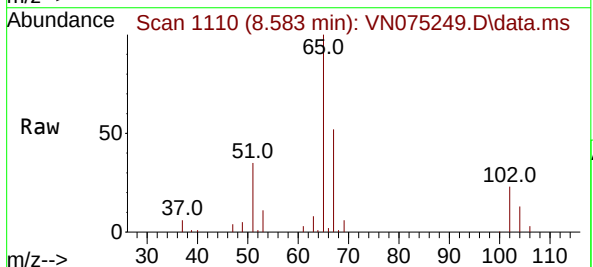
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

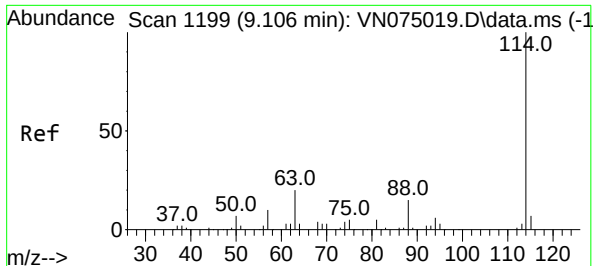
Tgt Ion:168 Resp: 103645
Ion Ratio Lower Upper
168 100
99 60.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 53.005 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 65 Resp: 74021
Ion Ratio Lower Upper
65 100
67 52.3 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: VN075249.D

Acq: 11 Nov 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

CLI-0669

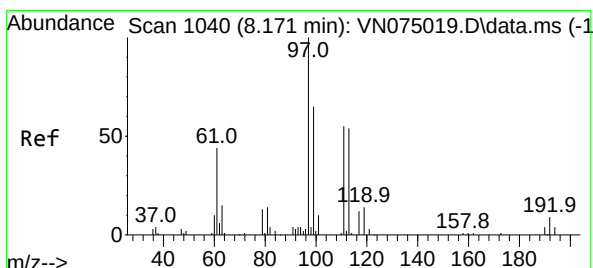
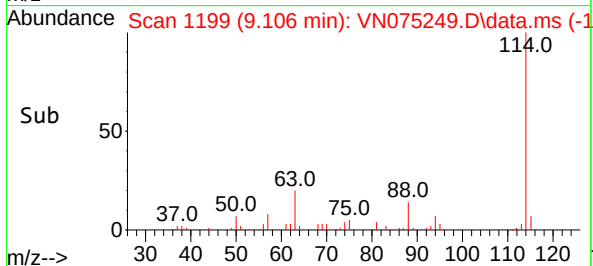
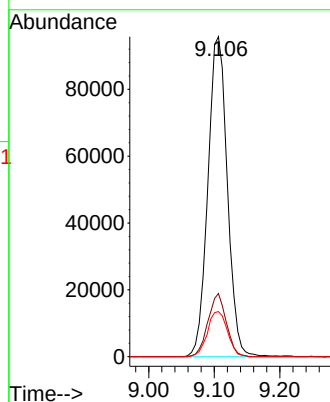
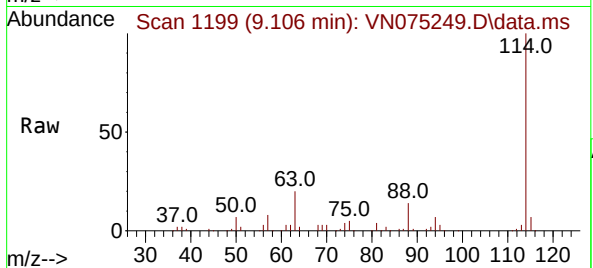
Tgt Ion:114 Resp: 197329

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.786 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075249.D

Acq: 11 Nov 2022 15:41

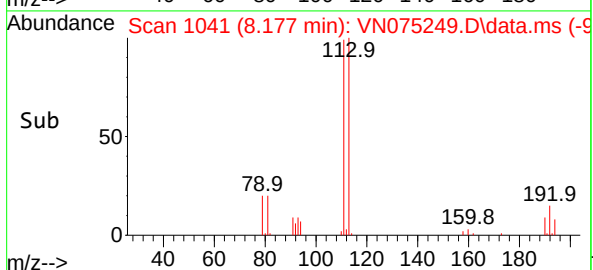
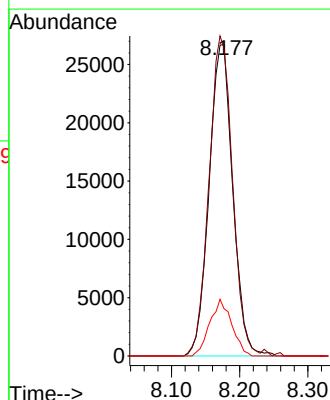
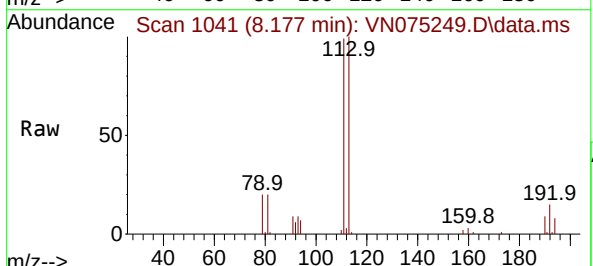
Tgt Ion:113 Resp: 64624

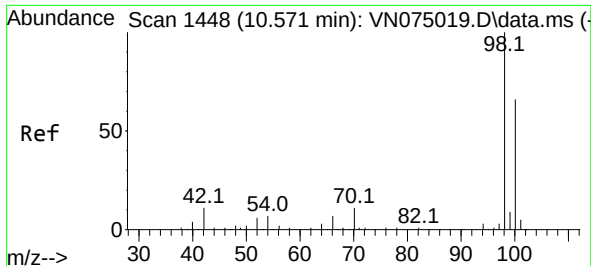
Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

192 16.9 13.2 19.8

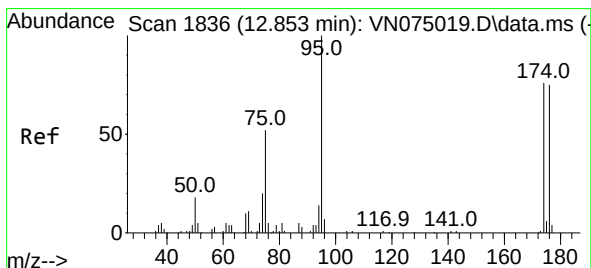
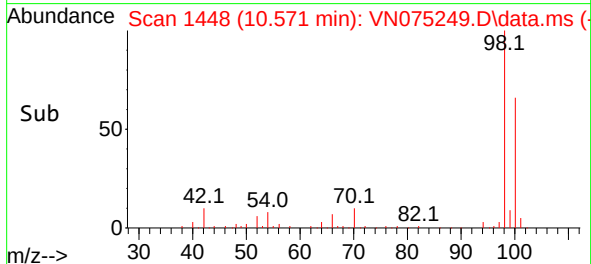
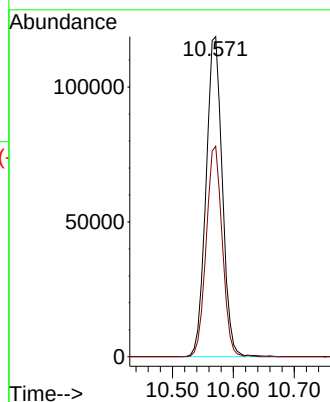
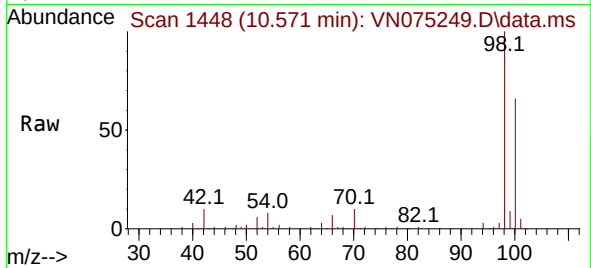




#50
Toluene-d8
Concen: 49.046 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

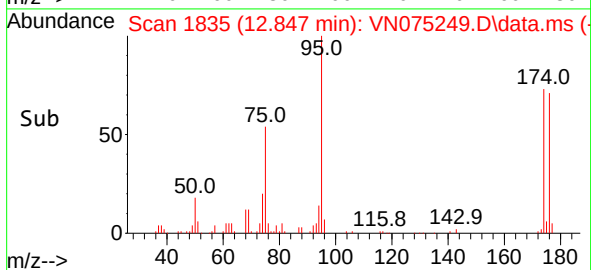
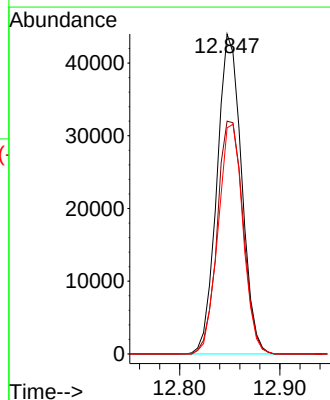
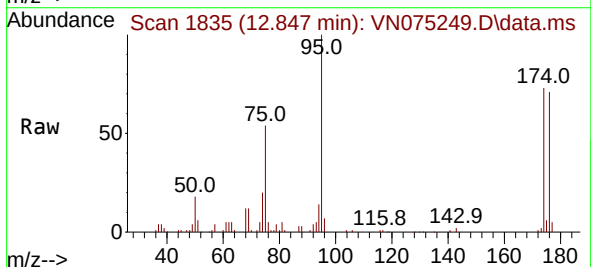
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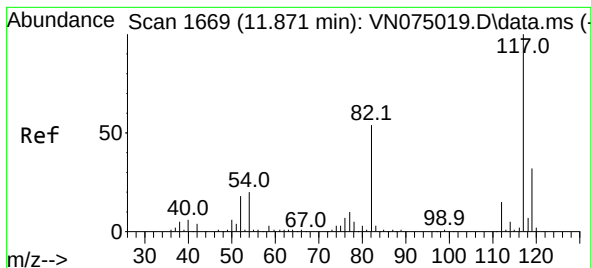
Tgt Ion: 98 Resp: 220432
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.508 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 95 Resp: 75005
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.4
176 72.6 0.0 142.2

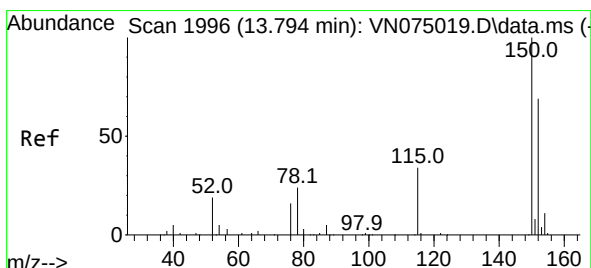
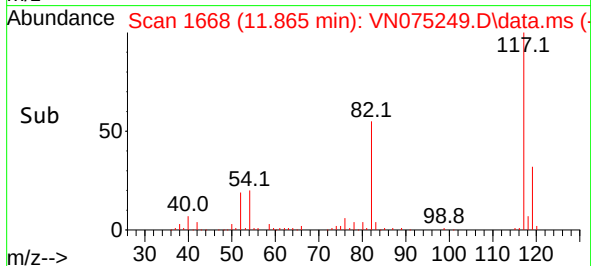
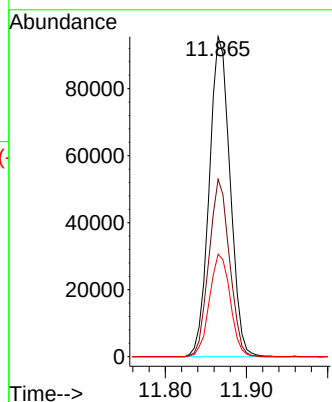
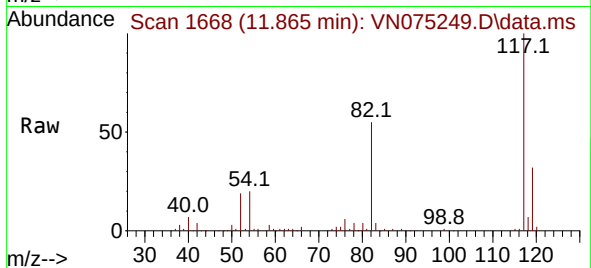




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

Tgt Ion:117 Resp: 170158
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 32.1 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: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion:152 Resp: 74429
Ion Ratio Lower Upper
152 100
115 61.7 30.2 90.6
150 154.4 0.0 348.4

