

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075269.D
 Acq On : 14 Nov 2022 16:51
 Operator : JC\MD
 Sample : N5582-04
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31979

Quant Time: Nov 15 03:53:04 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	8.224	168	439060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	798558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	717613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	291709	49.310	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.620%
35) Dibromofluoromethane	8.165	113	238098	50.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	10.565	98	978507	53.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.847	95	316184	49.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.980%

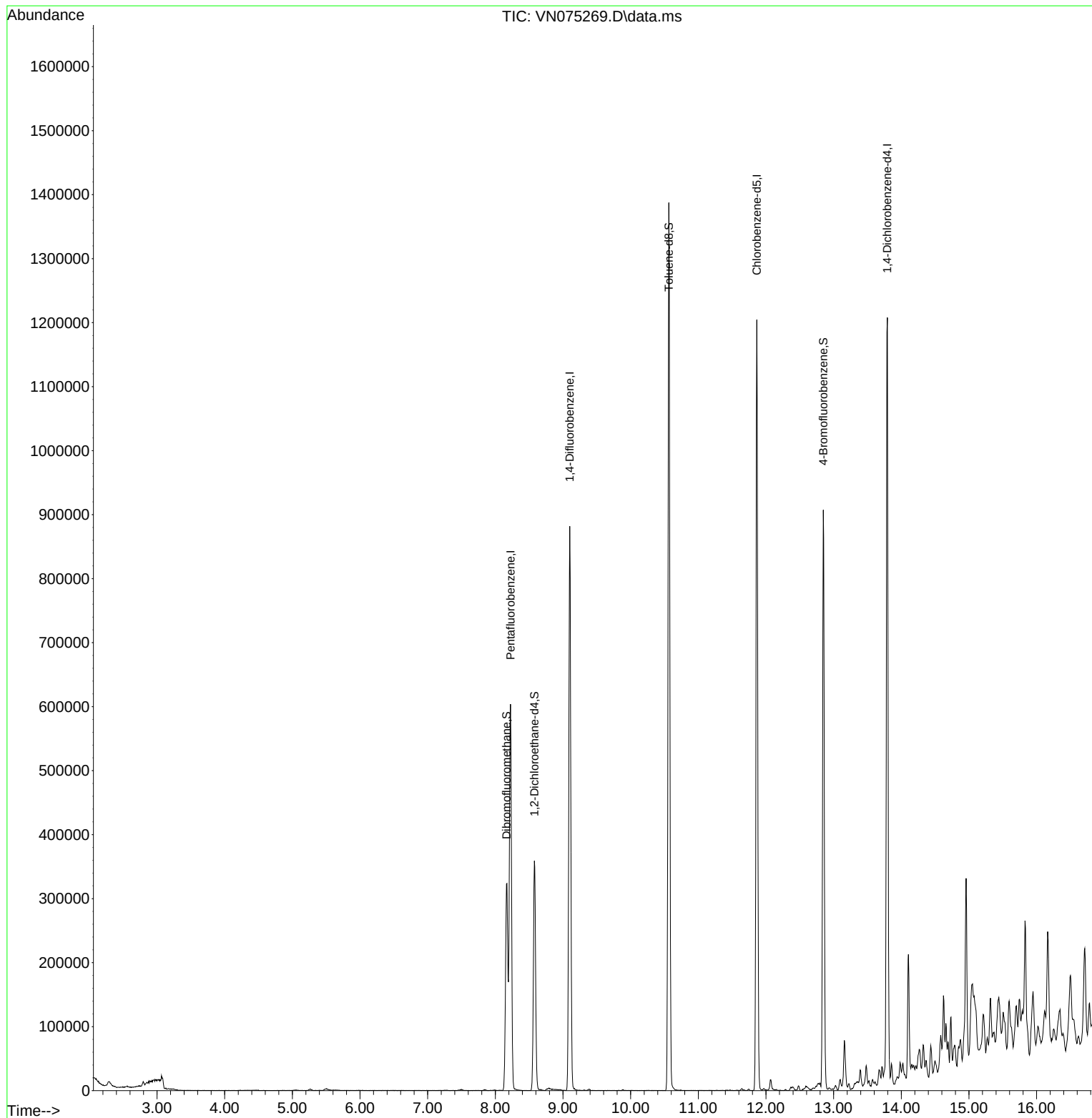
Target Compounds	Qvalue

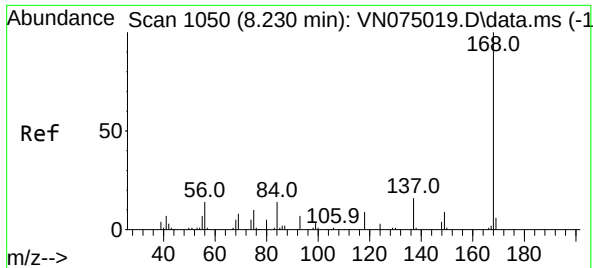
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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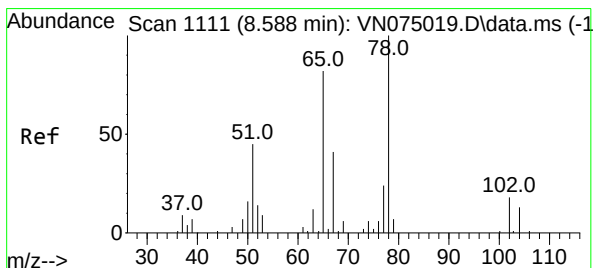
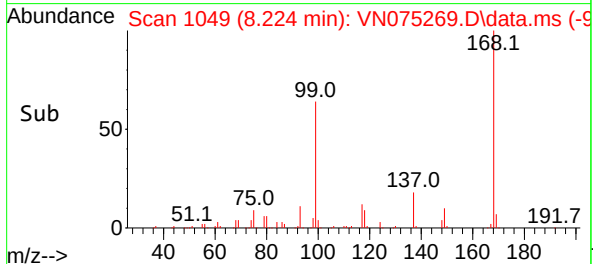
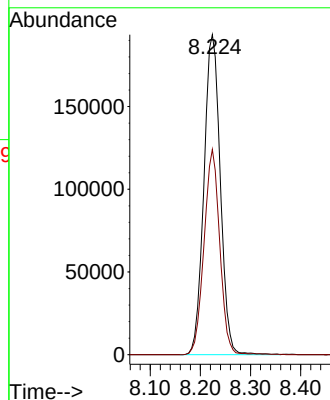
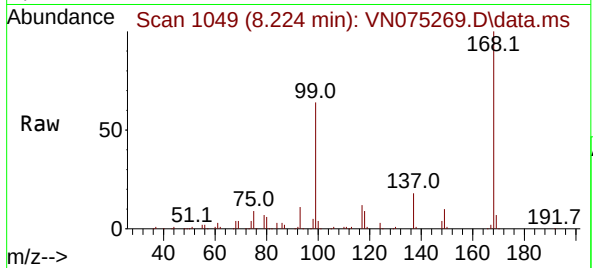




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN075269.D
Acq: 14 Nov 2022 16:51

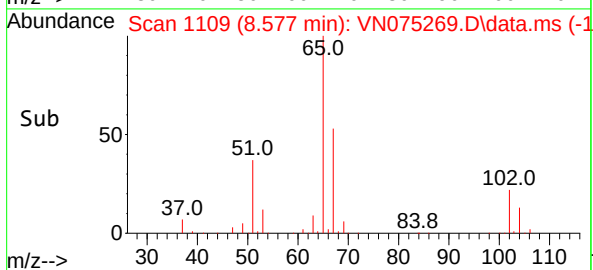
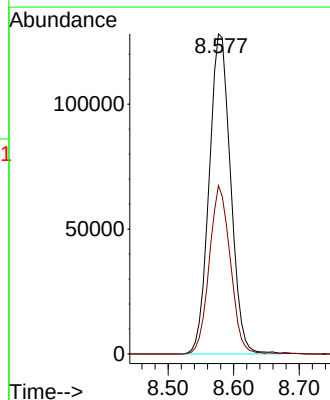
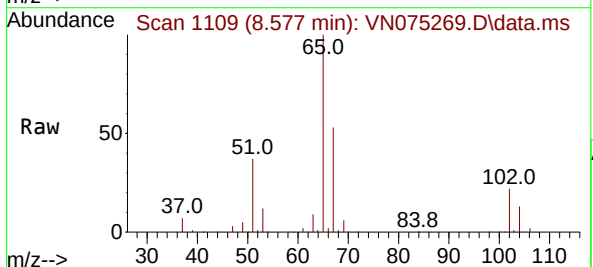
Instrument :
MSVOA_N
ClientSampleId :
31979

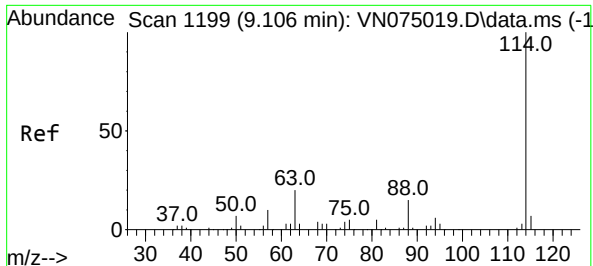
Tgt Ion:168 Resp: 439060
Ion Ratio Lower Upper
168 100
99 64.2 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 49.310 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.011 min
Lab File: VN075269.D
Acq: 14 Nov 2022 16:51

Tgt Ion: 65 Resp: 291709
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075269.D

Acq: 14 Nov 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

31979

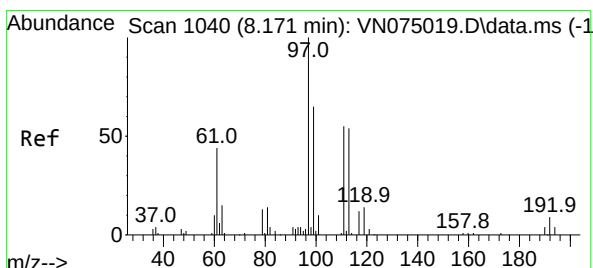
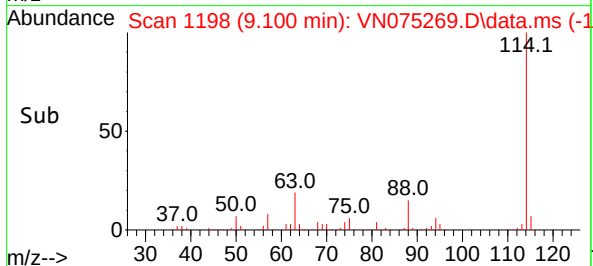
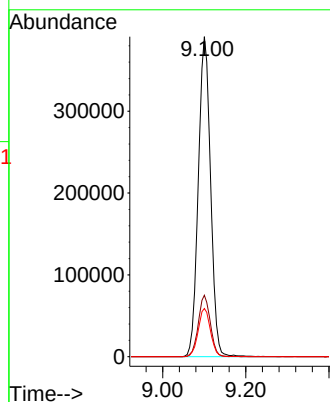
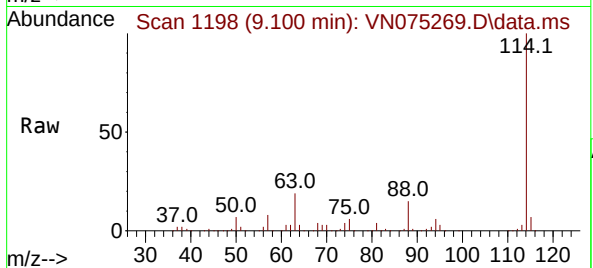
Tgt Ion:114 Resp: 798558

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075269.D

Acq: 14 Nov 2022 16:51

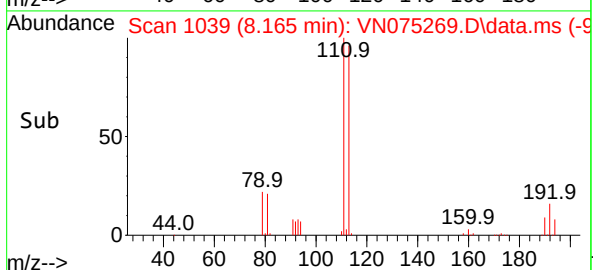
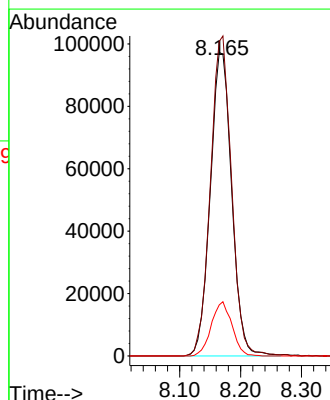
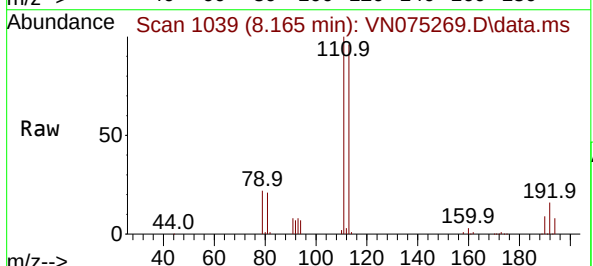
Tgt Ion:113 Resp: 238098

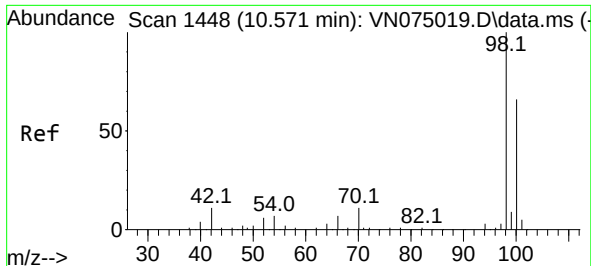
Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 17.2 13.2 19.8

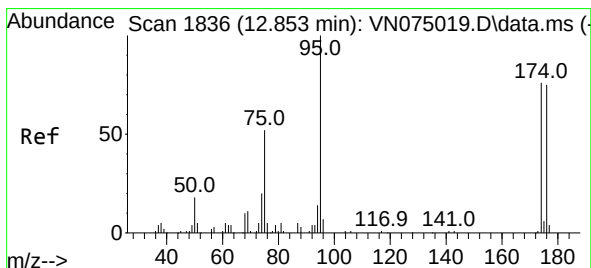
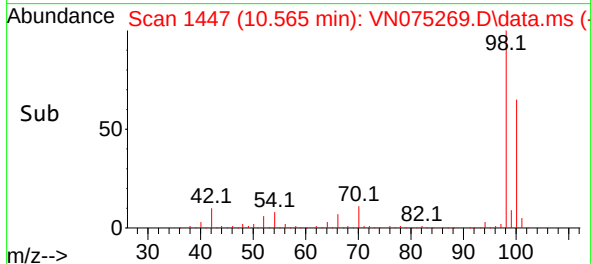
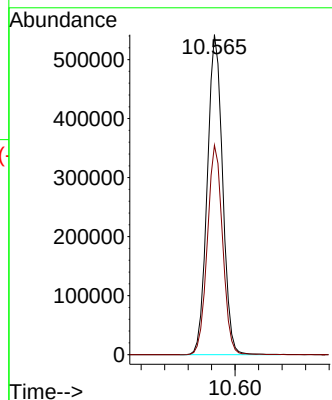
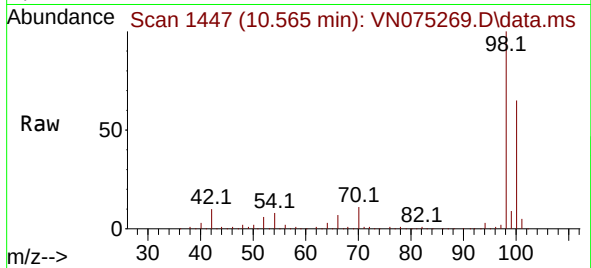




#50
Toluene-d8
Concen: 53.800 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN075269.D
Acq: 14 Nov 2022 16:51

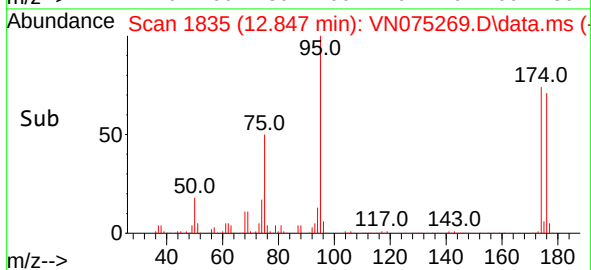
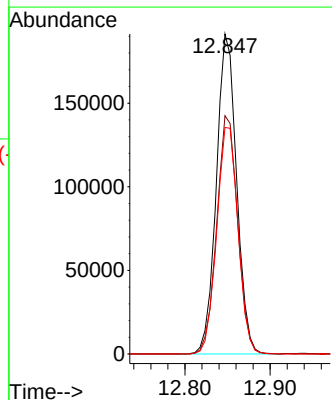
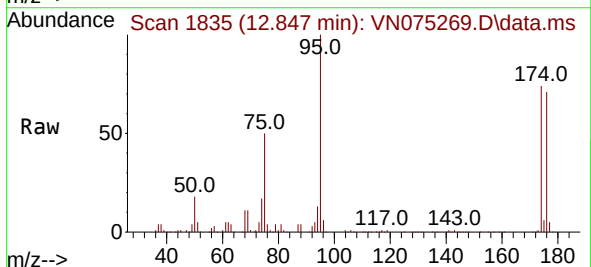
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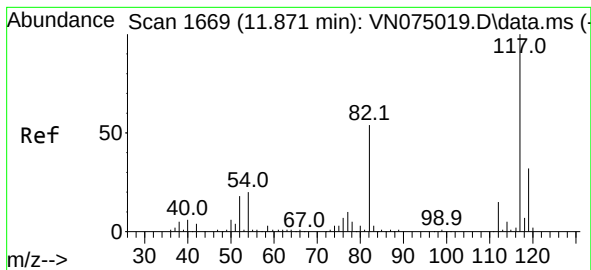
Tgt Ion: 98 Resp: 978507
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.488 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075269.D
Acq: 14 Nov 2022 16:51

Tgt Ion: 95 Resp: 316184
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.4
176 74.4 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075269.D

Acq: 14 Nov 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

31979

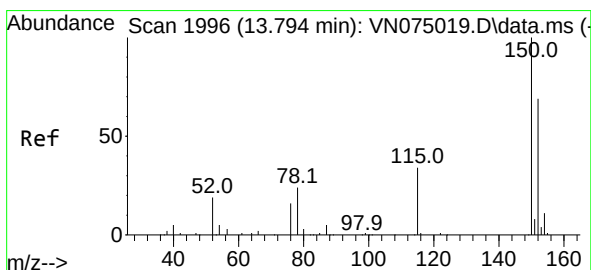
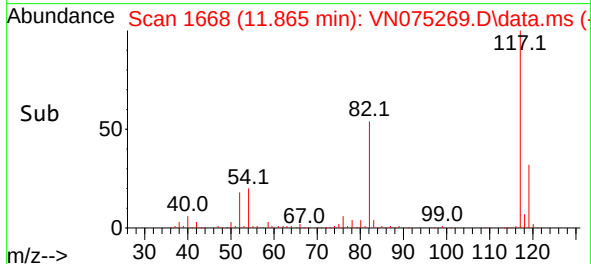
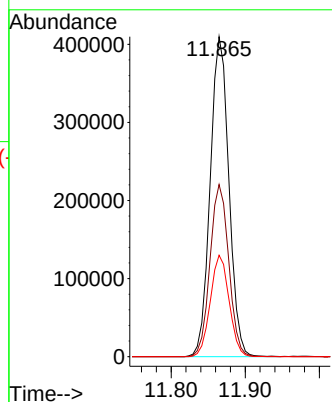
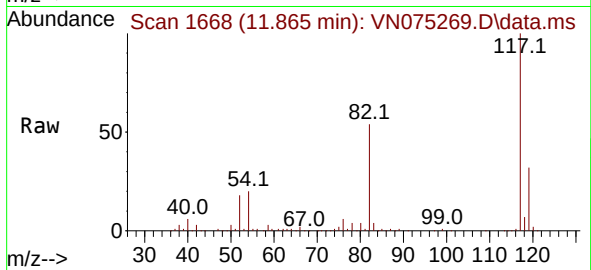
Tgt Ion:117 Resp: 717613

Ion Ratio Lower Upper

117 100

82 53.8 43.1 64.7

119 31.7 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: VN075269.D

Acq: 14 Nov 2022 16:51

Tgt Ion:152 Resp: 329467

Ion Ratio Lower Upper

152 100

115 60.8 30.2 90.6

150 156.4 0.0 348.4

