

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075408.D
 Acq On : 23 Nov 2022 19:58
 Operator : JC\MD
 Sample : N5732-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9DMC986SP

Quant Time: Nov 24 06:54:02 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	150612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	44665	55.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.500%
35) Dibromofluoromethane	8.171	113	53434	49.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.420%
50) Toluene-d8	10.571	98	117272	48.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.847	95	81259	45.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%

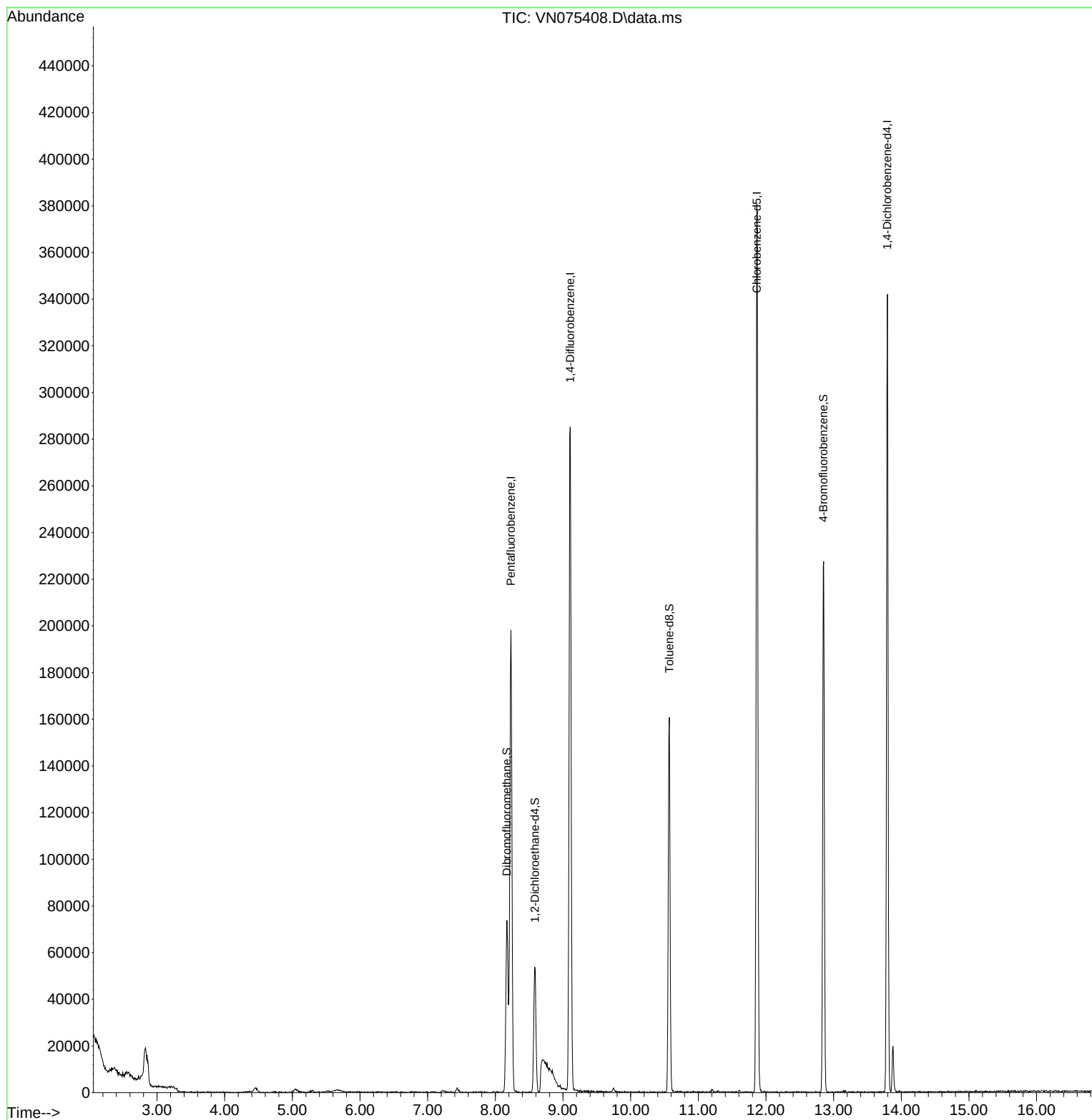
Target Compounds	Qvalue

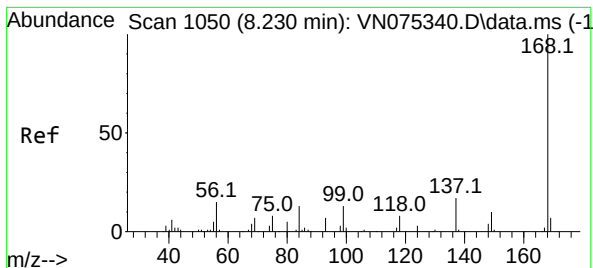
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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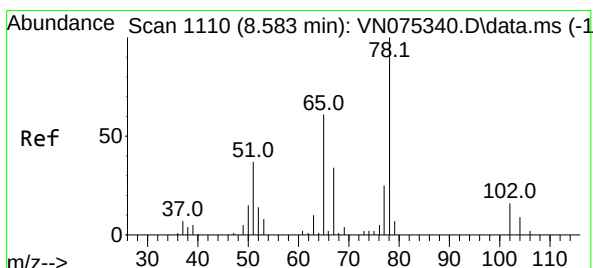
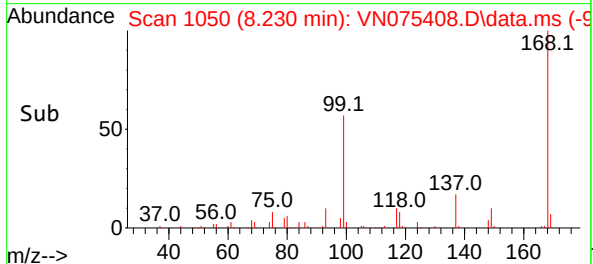
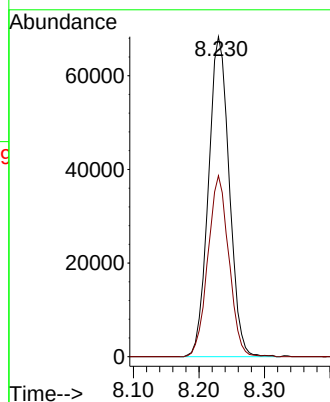
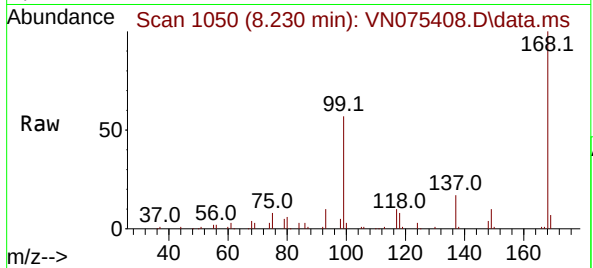




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075408.D
Acq: 23 Nov 2022 19:58

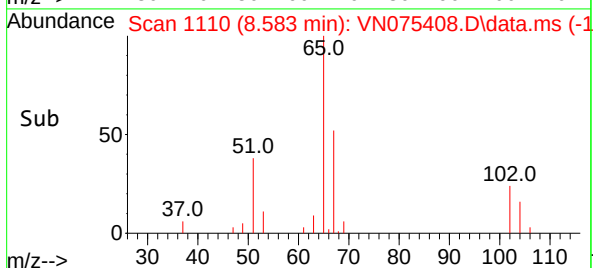
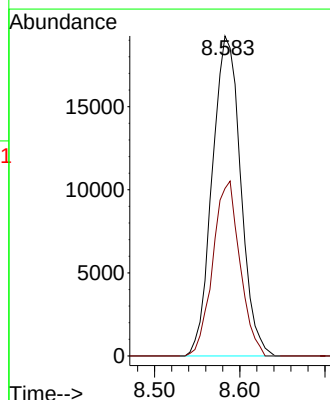
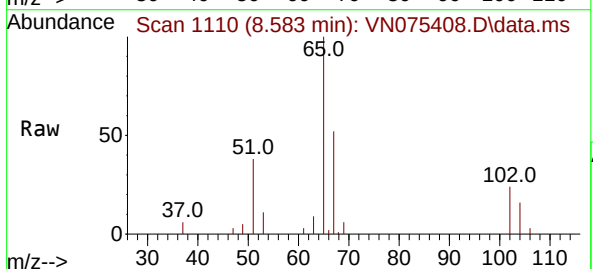
Instrument :
MSVOA_N
ClientSampleId :
9DMC986SP

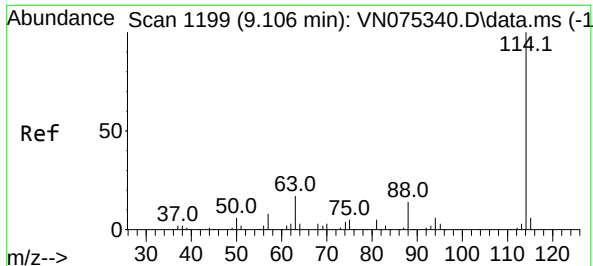
Tgt Ion:168 Resp: 150612
Ion Ratio Lower Upper
168 100
99 56.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 55.247 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075408.D
Acq: 23 Nov 2022 19:58

Tgt Ion: 65 Resp: 44665
Ion Ratio Lower Upper
65 100
67 52.1 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: VN075408.D

Acq: 23 Nov 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

9DMC986SP

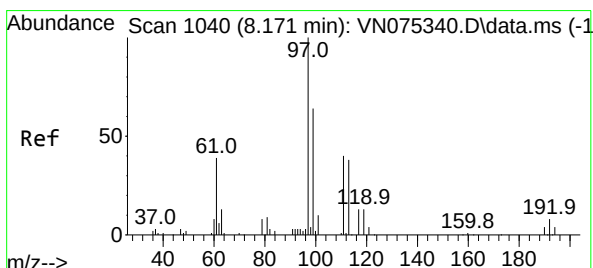
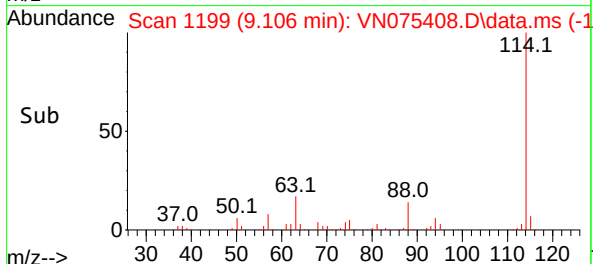
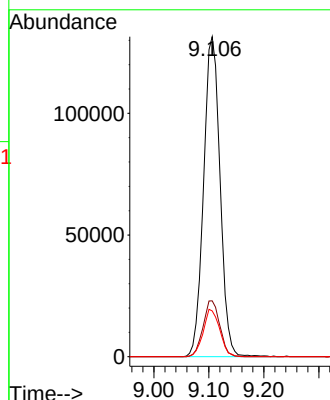
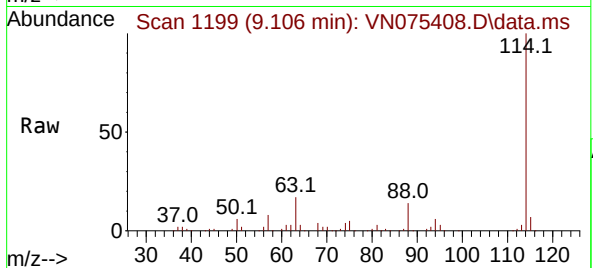
Tgt Ion:114 Resp: 273635

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.709 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075408.D

Acq: 23 Nov 2022 19:58

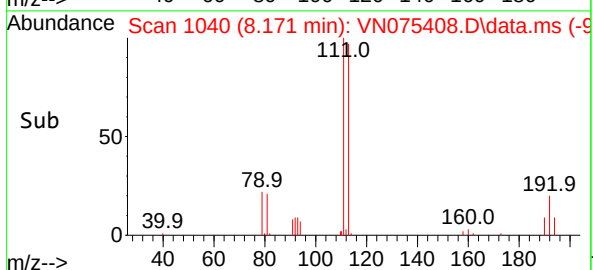
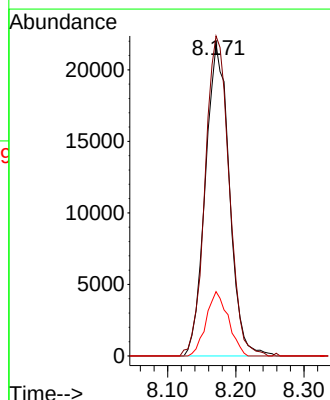
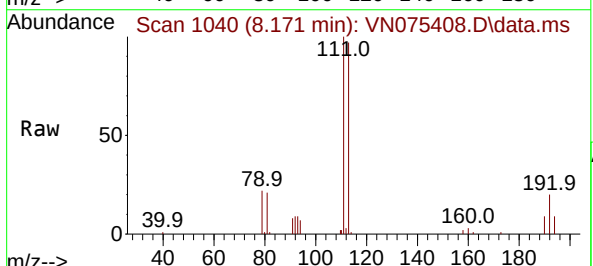
Tgt Ion:113 Resp: 53434

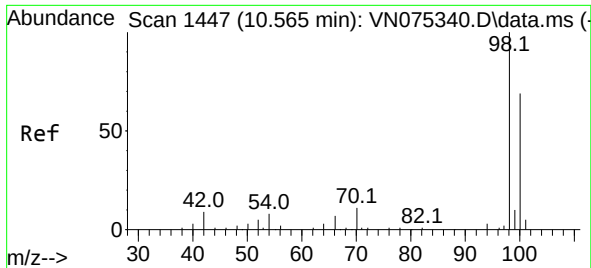
Ion Ratio Lower Upper

113 100

111 102.5 80.5 120.7

192 19.0 13.2 19.8

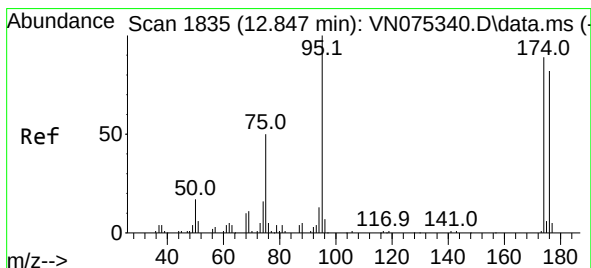
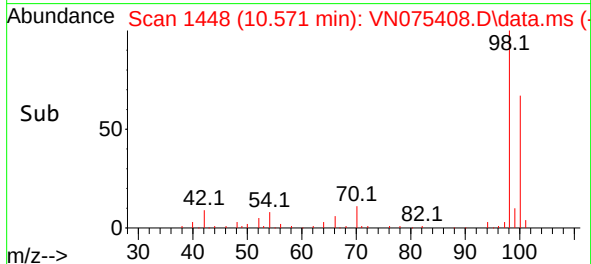
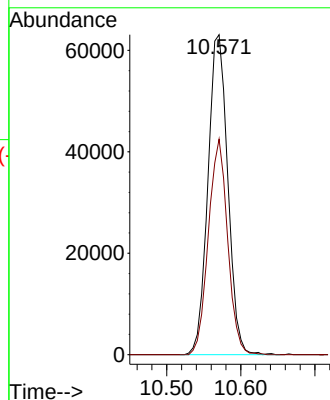
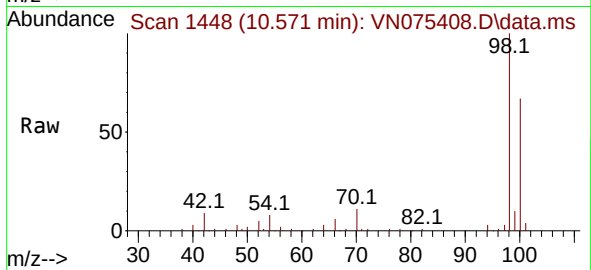




#50
Toluene-d8
Concen: 48.439 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075408.D
Acq: 23 Nov 2022 19:58

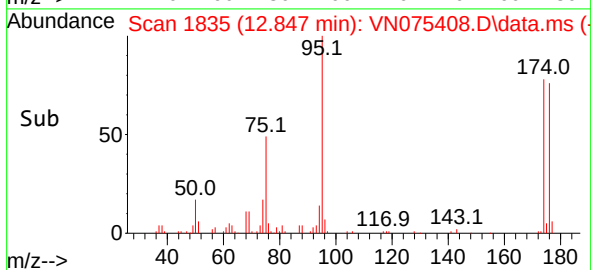
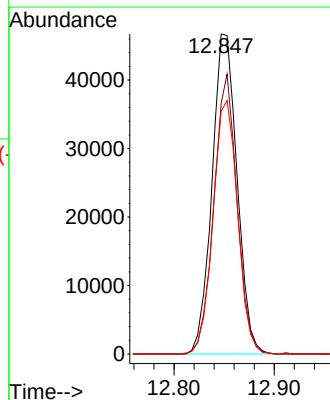
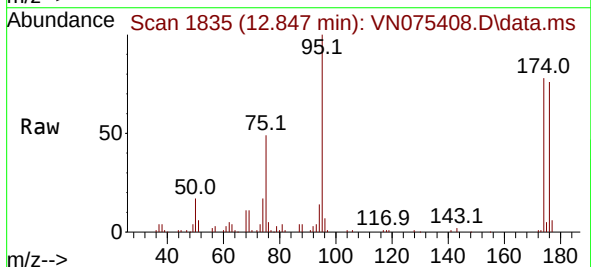
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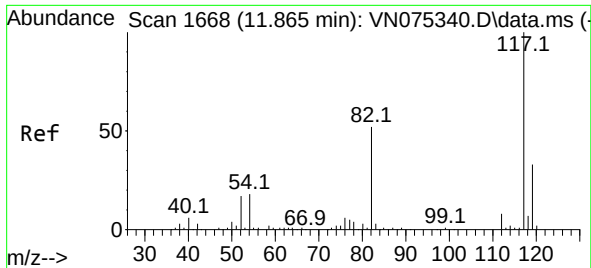
Tgt Ion: 98 Resp: 117272
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.473 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075408.D
Acq: 23 Nov 2022 19:58

Tgt Ion: 95 Resp: 81259
Ion Ratio Lower Upper
95 100
174 80.7 0.0 147.4
176 77.6 0.0 142.2

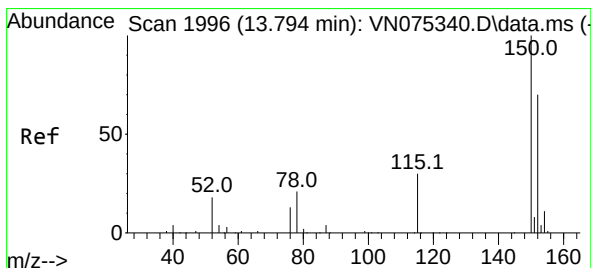
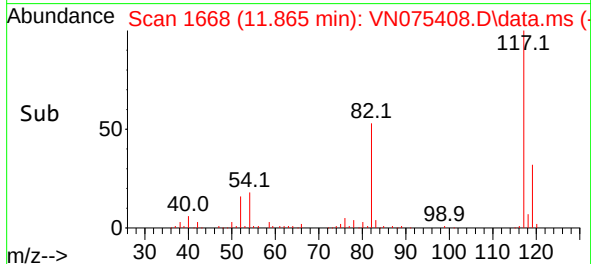
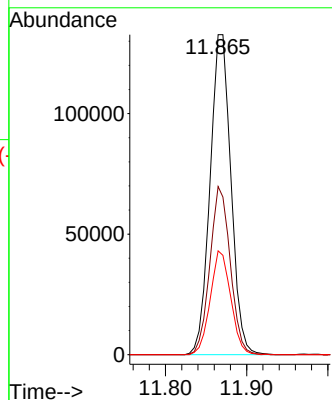
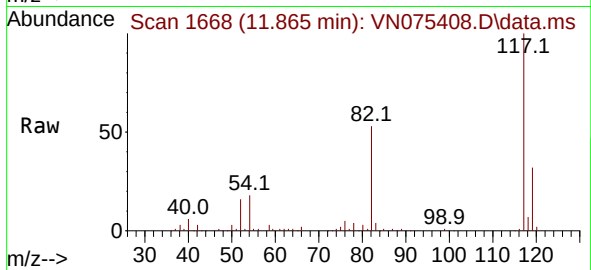




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075408.D
Acq: 23 Nov 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
9DMC986SP

Tgt Ion:117 Resp: 237424
Ion Ratio Lower Upper
117 100
82 52.5 43.1 64.7
119 32.5 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: VN075408.D
Acq: 23 Nov 2022 19:58

Tgt Ion:152 Resp: 93088
Ion Ratio Lower Upper
152 100
115 59.0 30.2 90.6
150 157.0 0.0 348.4

