

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075258.D
 Acq On : 14 Nov 2022 11:50
 Operator : JC\MD
 Sample : VN1114MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBL01

Quant Time: Nov 15 03:50:46 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	120935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	83410	51.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.380%
35) Dibromofluoromethane	8.171	113	72350	57.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.680%
50) Toluene-d8	10.565	98	238791	48.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.847	95	84403	49.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%

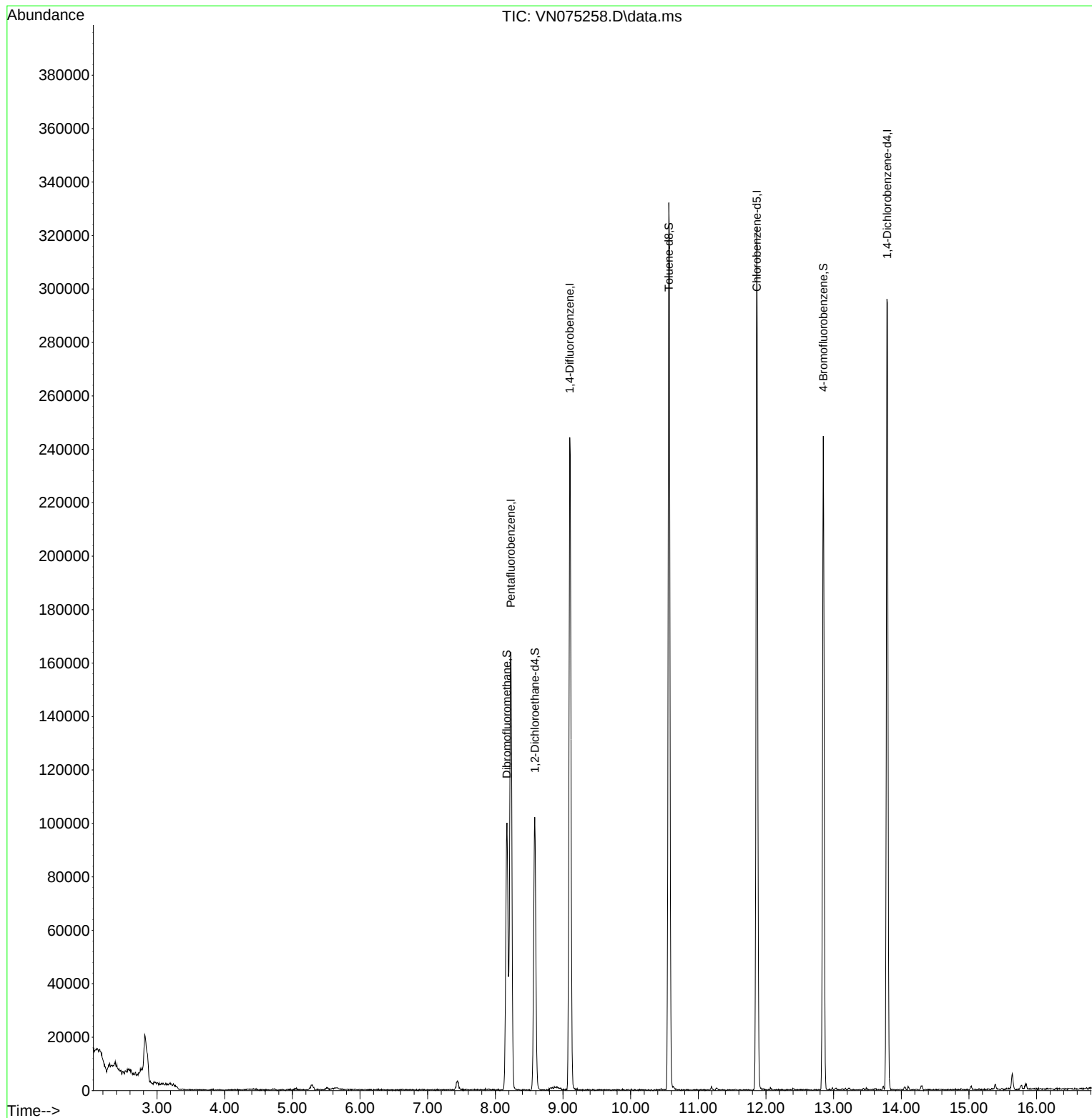
Target Compounds	Qvalue

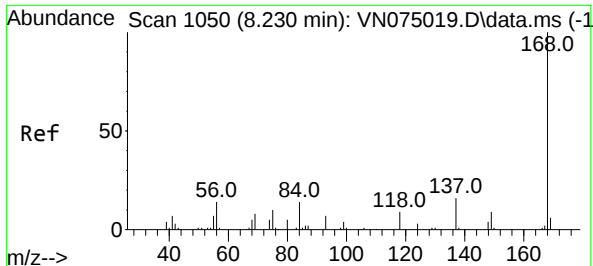
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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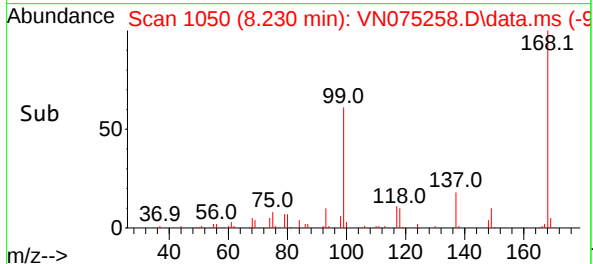
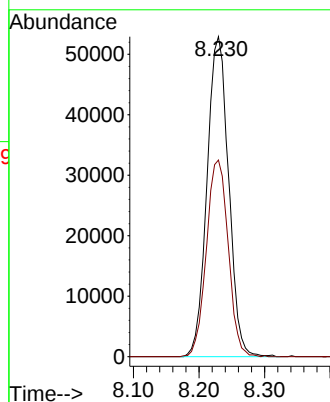
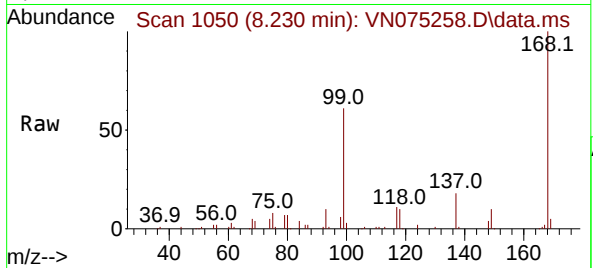




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN075258.D
Acq: 14 Nov 2022 11:50

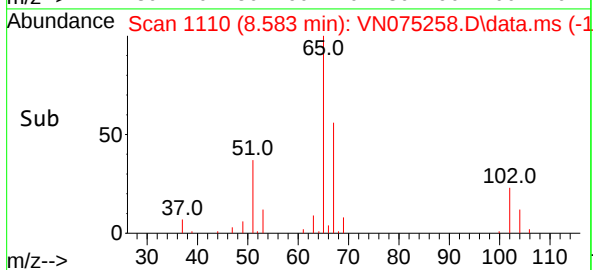
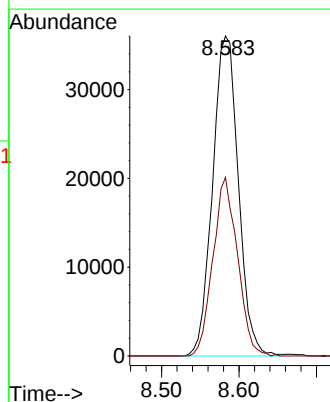
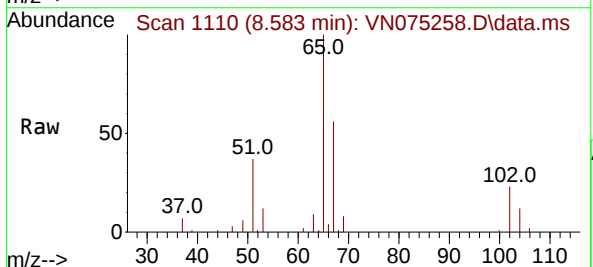
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBL01

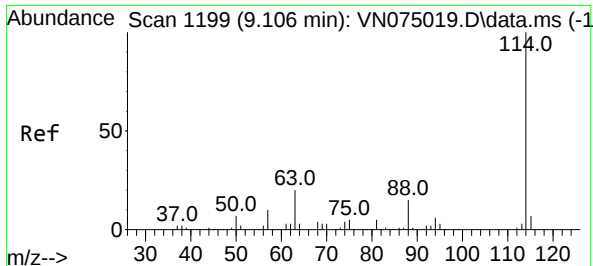
Tgt Ion:168 Resp: 120935
Ion Ratio Lower Upper
168 100
99 61.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.189 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075258.D
Acq: 14 Nov 2022 11:50

Tgt Ion: 65 Resp: 83410
Ion Ratio Lower Upper
65 100
67 53.2 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: VN075258.D

Acq: 14 Nov 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBL01

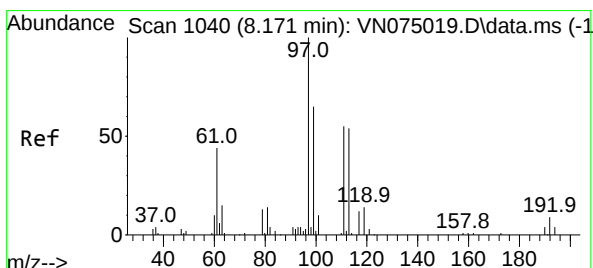
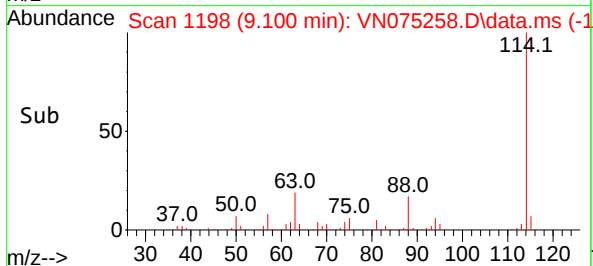
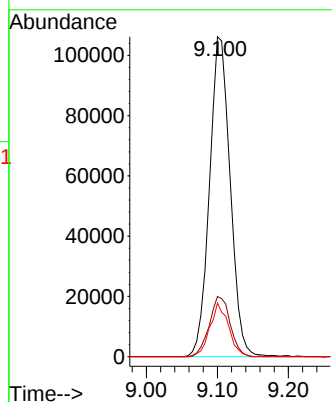
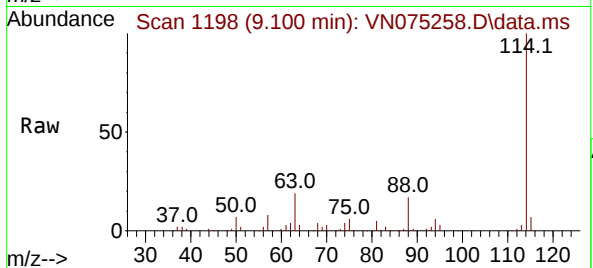
Tgt Ion:114 Resp: 214942

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.338 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075258.D

Acq: 14 Nov 2022 11:50

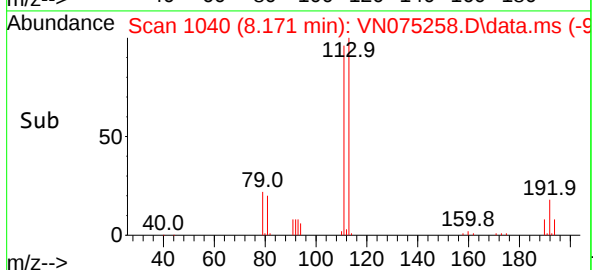
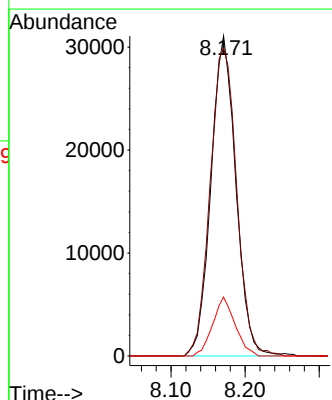
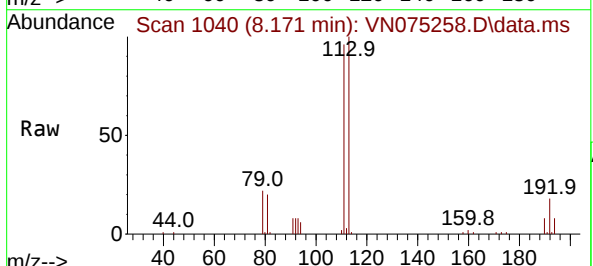
Tgt Ion:113 Resp: 72350

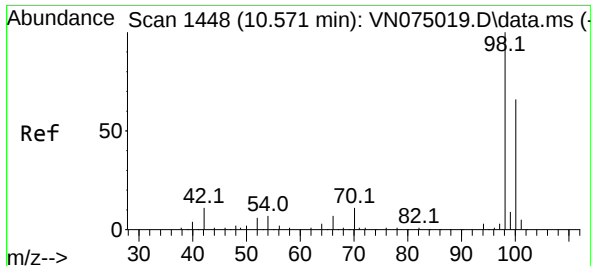
Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 16.6 13.2 19.8

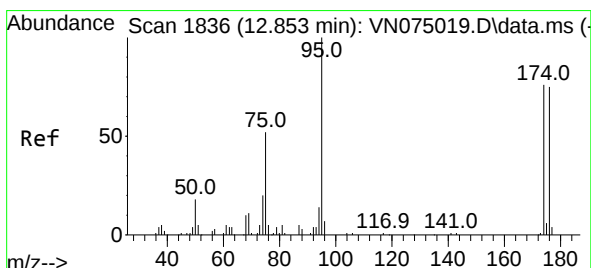
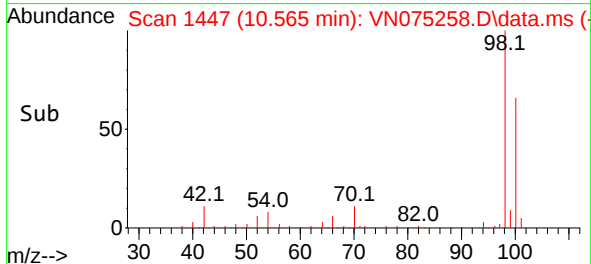
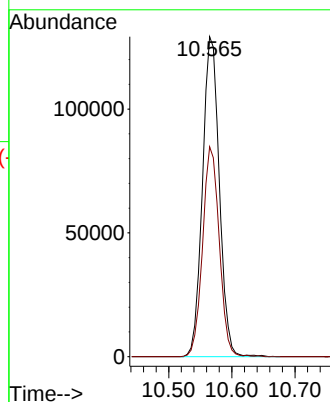
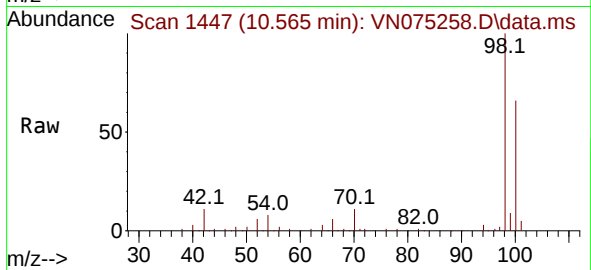




#50
Toluene-d8
Concen: 48.778 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075258.D
Acq: 14 Nov 2022 11:50

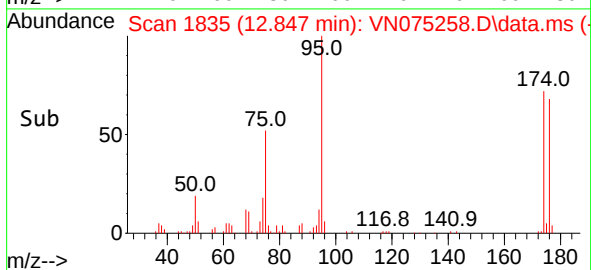
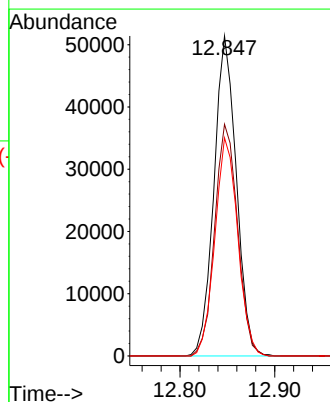
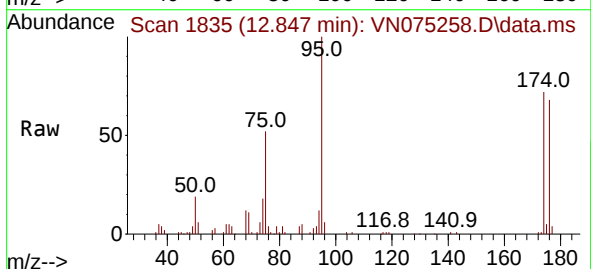
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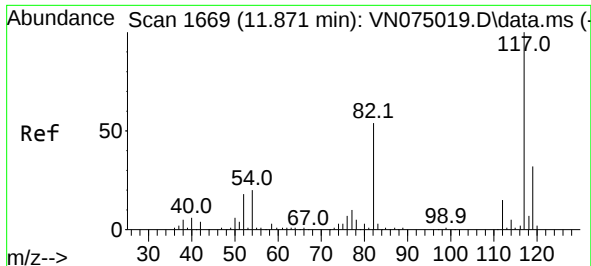
Tgt Ion: 98 Resp: 238791
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.080 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075258.D
Acq: 14 Nov 2022 11:50

Tgt Ion: 95 Resp: 84403
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 69.7 0.0 142.2

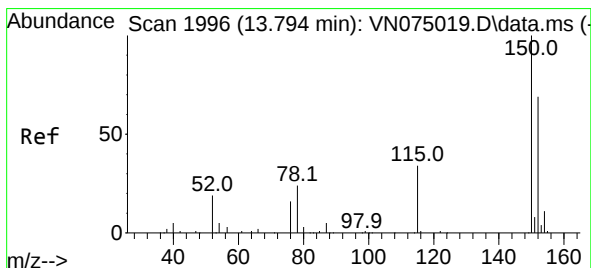
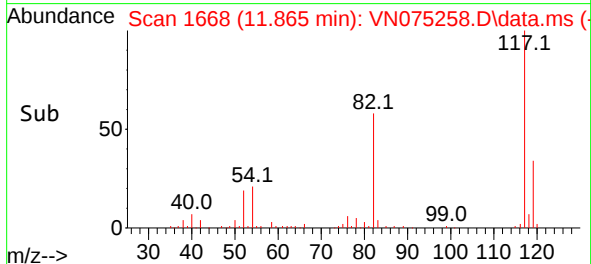
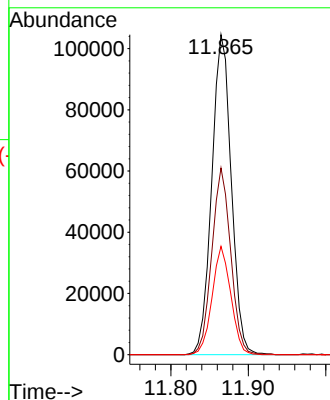
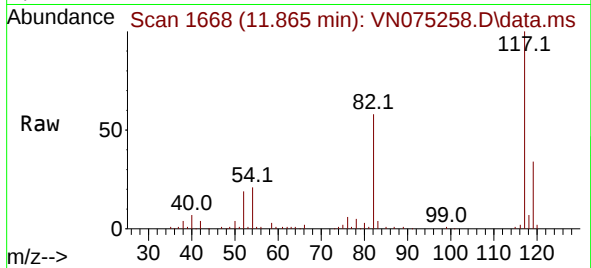




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075258.D
Acq: 14 Nov 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBL01

Tgt Ion:117 Resp: 182967
Ion Ratio Lower Upper
117 100
82 58.3 43.1 64.7
119 33.9 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: VN075258.D
Acq: 14 Nov 2022 11:50

Tgt Ion:152 Resp: 79283
Ion Ratio Lower Upper
152 100
115 63.2 30.2 90.6
150 159.0 0.0 348.4

