

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075345.D
 Acq On : 21 Nov 2022 15:15
 Operator : JC\MD
 Sample : VN1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121MBL01

Quant Time: Nov 22 08:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 08:17:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	129635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	221572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70146	100.804	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 201.600%#	
35) Dibromofluoromethane	8.171	113	71919	82.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 165.260%#	
50) Toluene-d8	10.565	98	237894	121.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 242.700%#	
62) 4-Bromofluorobenzene	12.847	95	108872	75.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 150.480%#	

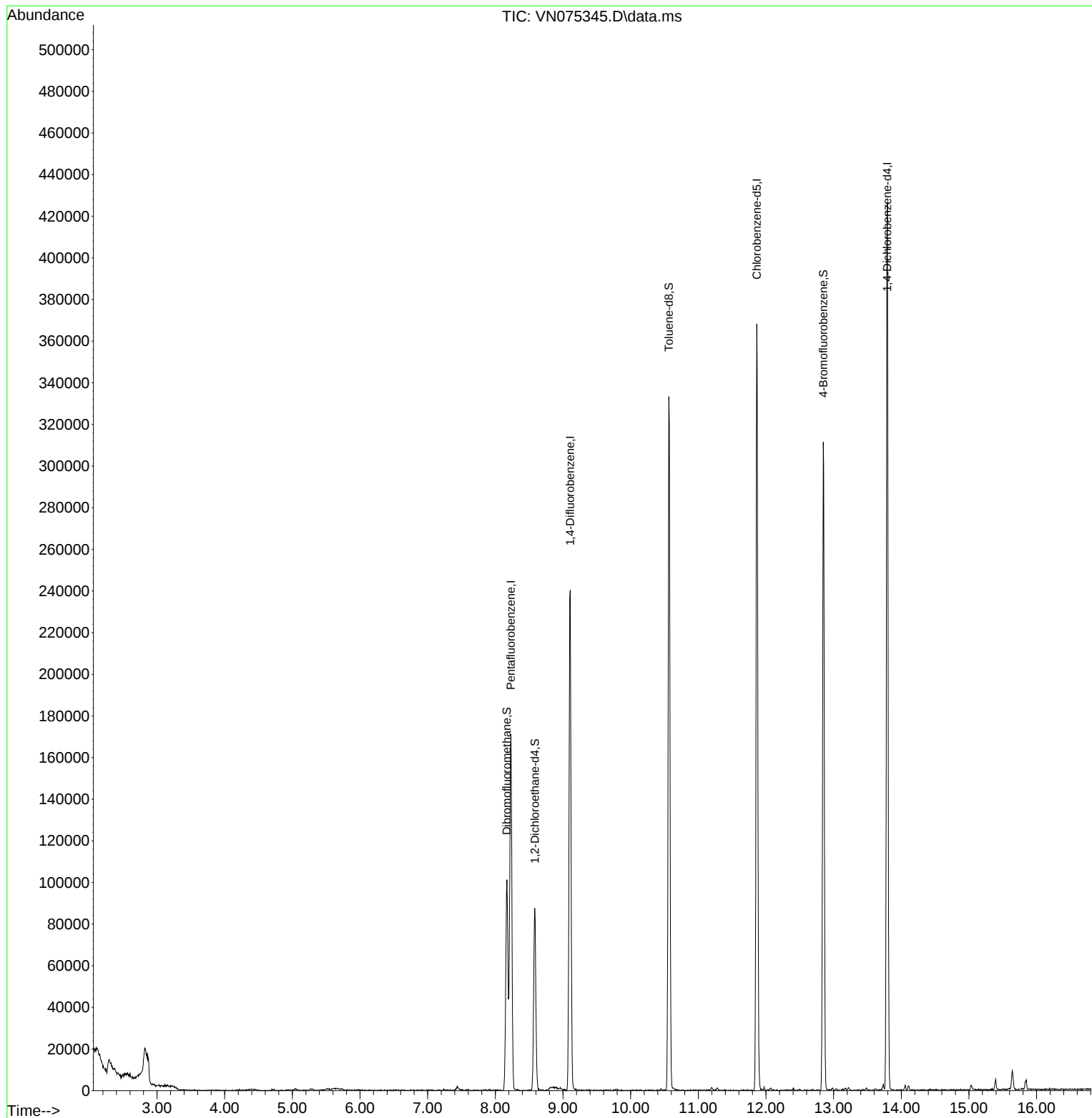
Target Compounds	Qvalue

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

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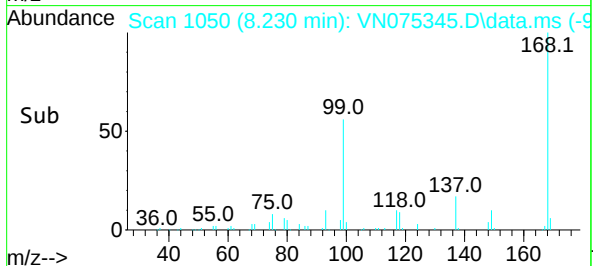
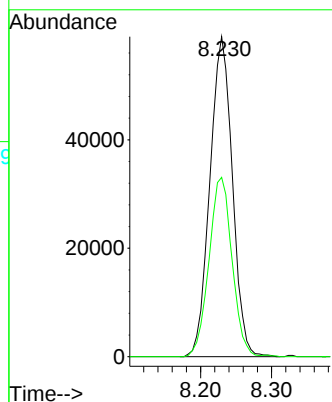
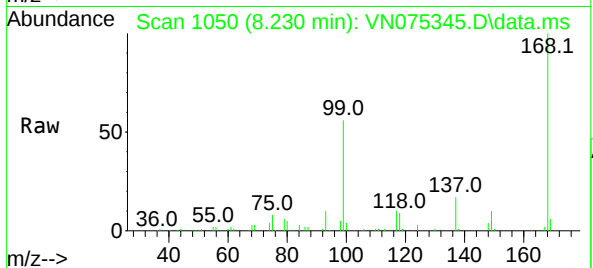




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075345.D
Acq: 21 Nov 2022 15:15

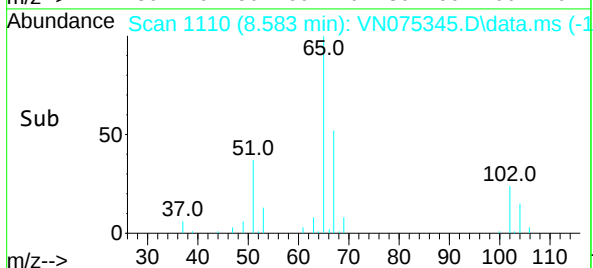
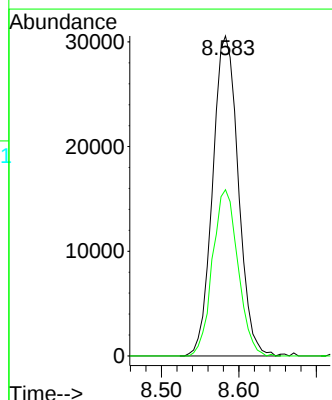
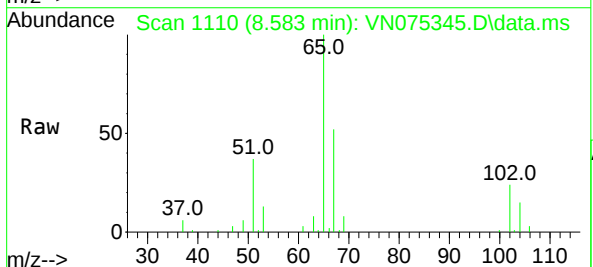
Instrument :
MSVOA_N
ClientSampleId :
VN1121MBL01

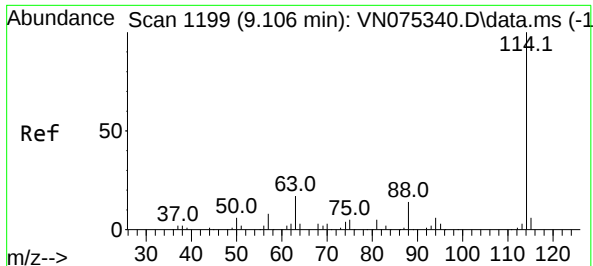
Tgt Ion:168 Resp: 129635
Ion Ratio Lower Upper
168 100
99 56.0 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 100.804 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075345.D
Acq: 21 Nov 2022 15:15

Tgt Ion: 65 Resp: 70146
Ion Ratio Lower Upper
65 100
67 51.7 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: VN075345.D

Acq: 21 Nov 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN1121MBL01

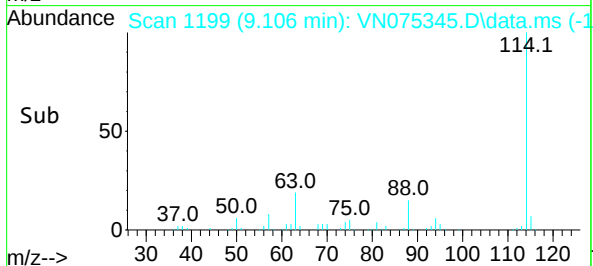
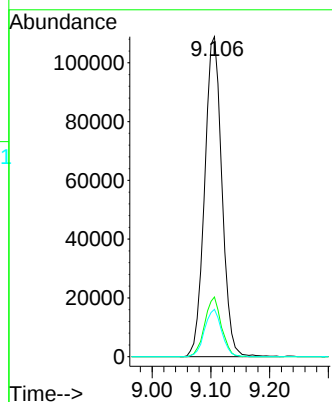
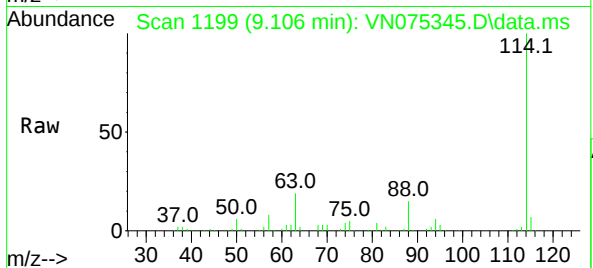
Tgt Ion:114 Resp: 221572

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 82.627 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075345.D

Acq: 21 Nov 2022 15:15

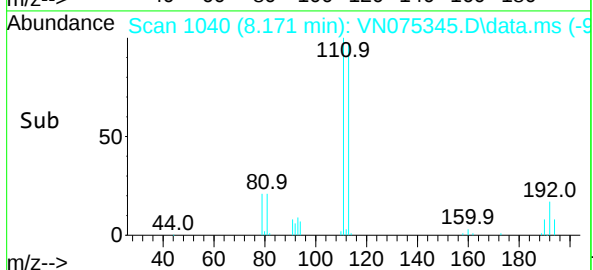
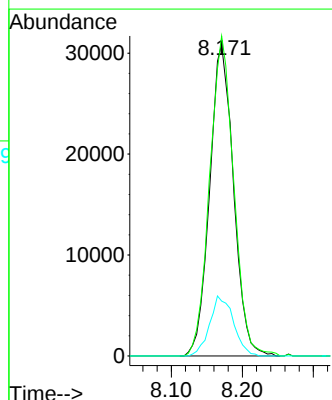
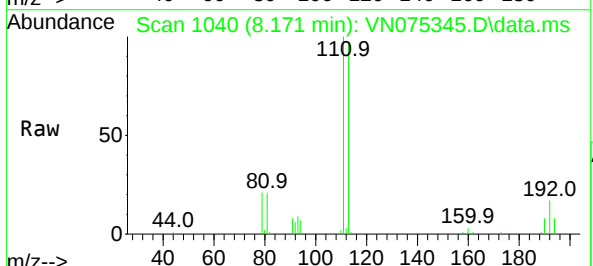
Tgt Ion:113 Resp: 71919

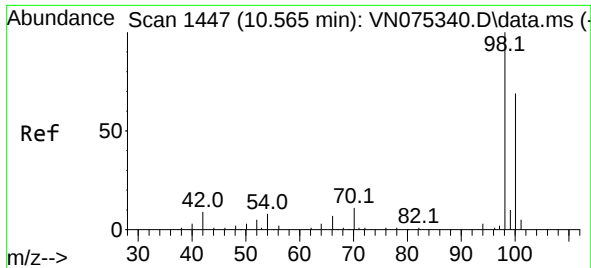
Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 19.2 13.2 19.8

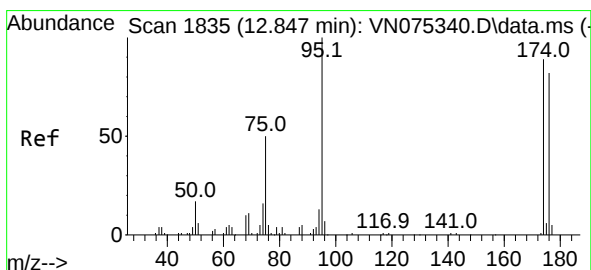
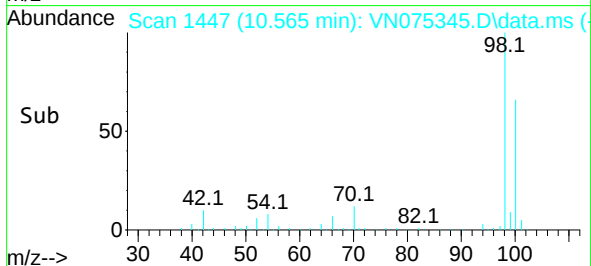
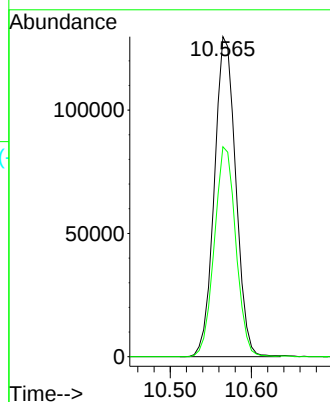
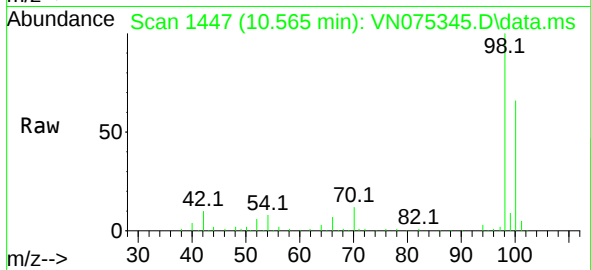




#50
Toluene-d8
Concen: 121.350 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075345.D
Acq: 21 Nov 2022 15:15

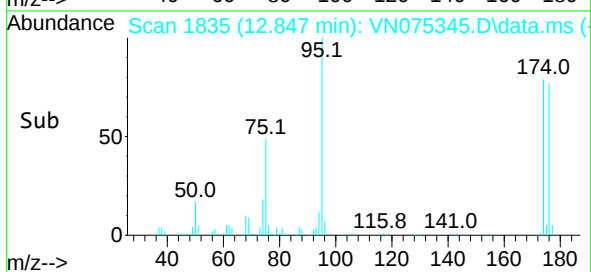
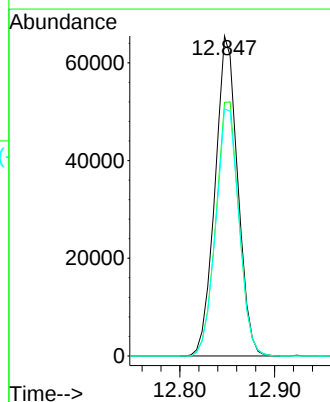
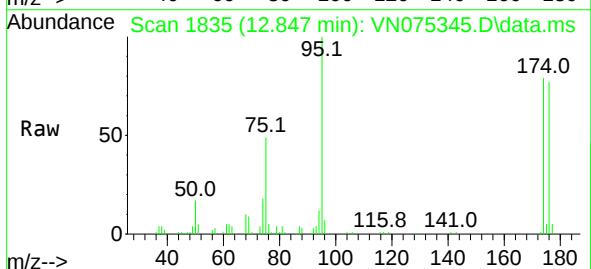
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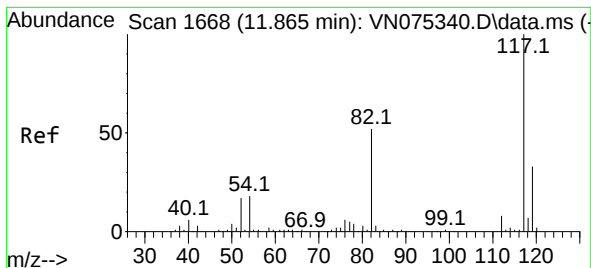
Tgt Ion: 98 Resp: 237894
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 75.240 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075345.D
Acq: 21 Nov 2022 15:15

Tgt Ion: 95 Resp: 108872
Ion Ratio Lower Upper
95 100
174 81.0 0.0 147.4
176 79.0 0.0 142.2

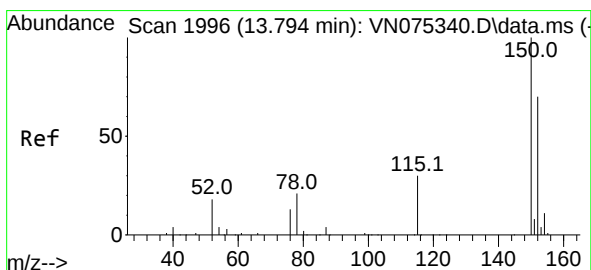
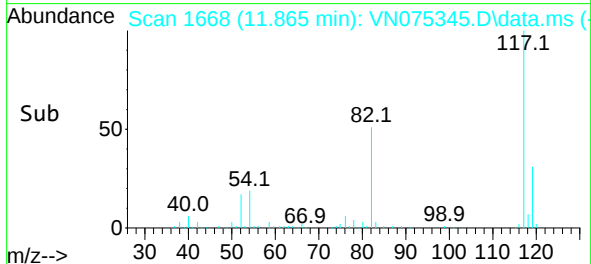
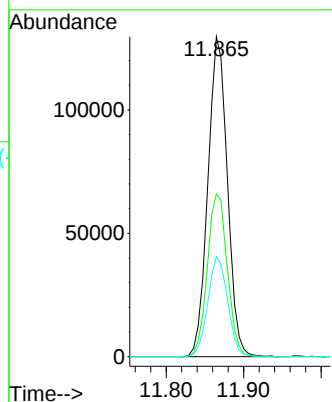
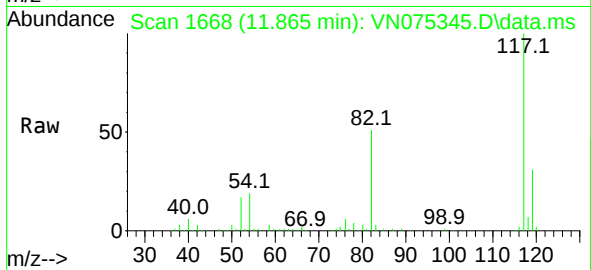




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075345.D
Acq: 21 Nov 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN1121MBL01

Tgt Ion:117 Resp: 226467
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 31.3 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: VN075345.D
Acq: 21 Nov 2022 15:15

Tgt Ion:152 Resp: 119088
Ion Ratio Lower Upper
152 100
115 58.6 30.2 90.6
150 157.8 0.0 348.4

