

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076906.D
 Acq On : 09 Mar 2023 16:51
 Operator : JC\MD
 Sample : VN0309WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBL02

Quant Time: Mar 10 03:47:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	435484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	742349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	648011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	264688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	299742	49.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.180%
35) Dibromofluoromethane	8.172	113	227703	49.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	10.571	98	870893	48.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.854	95	303017	48.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%

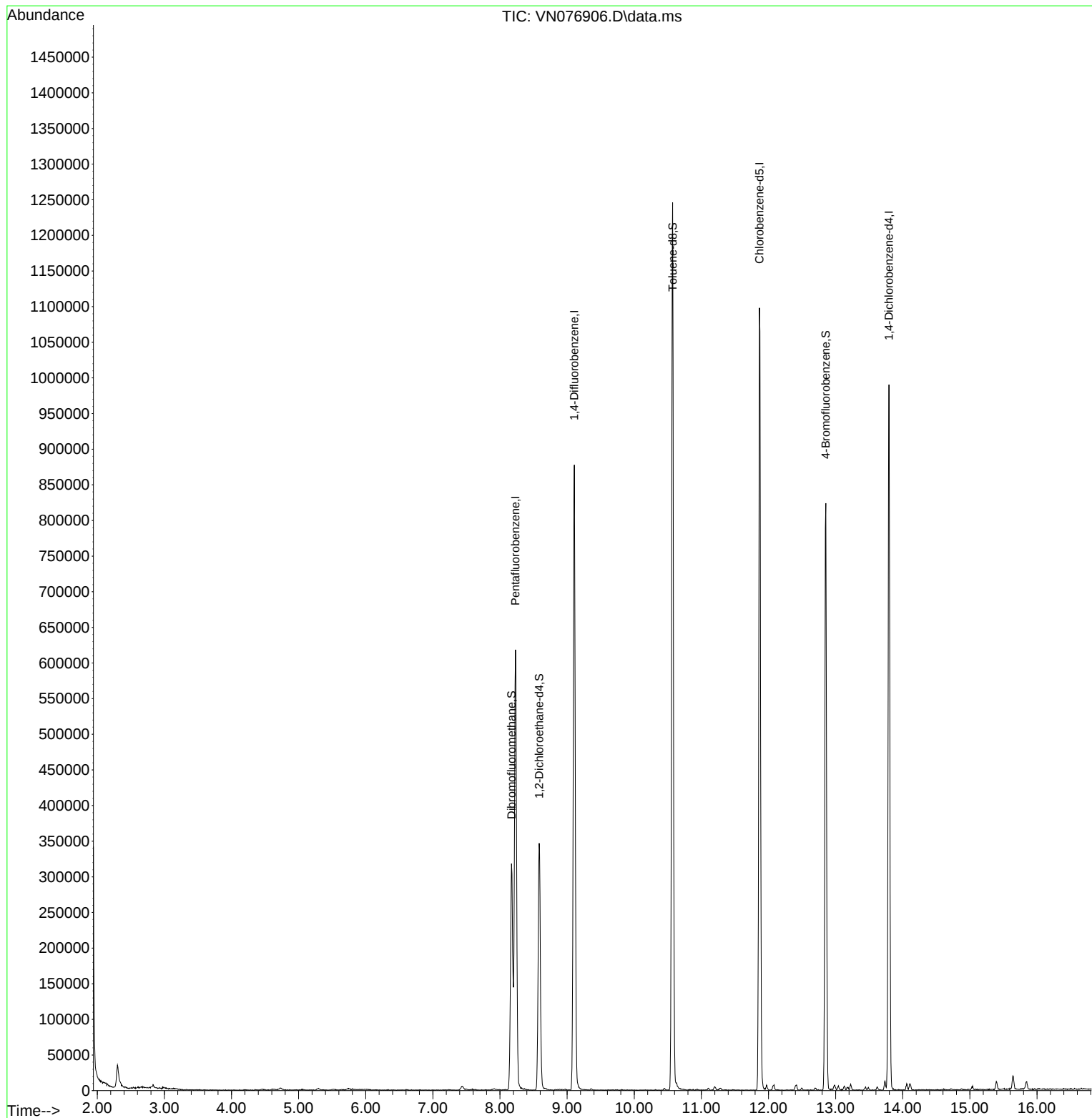
Target Compounds	Qvalue

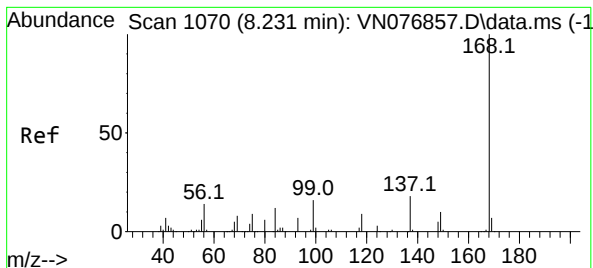
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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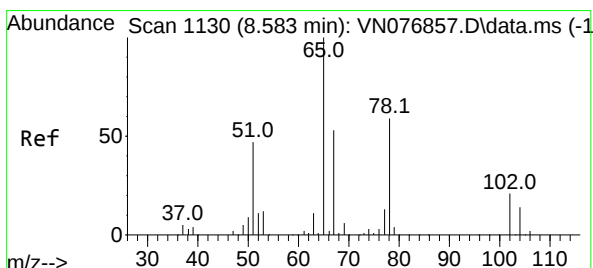
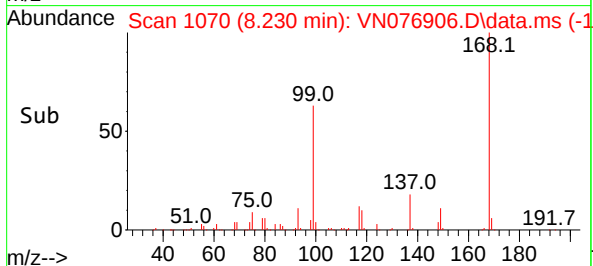
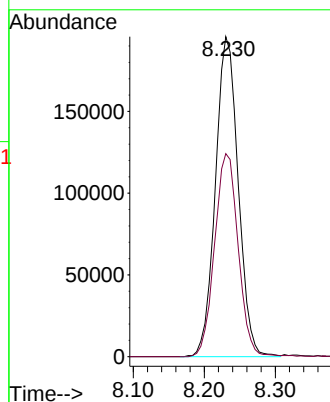
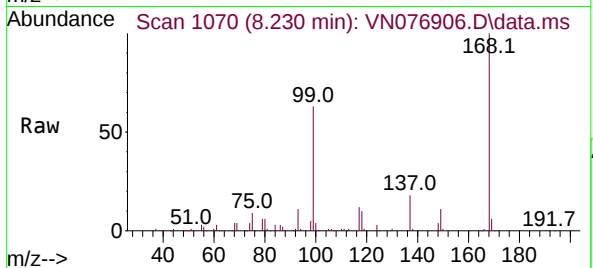




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

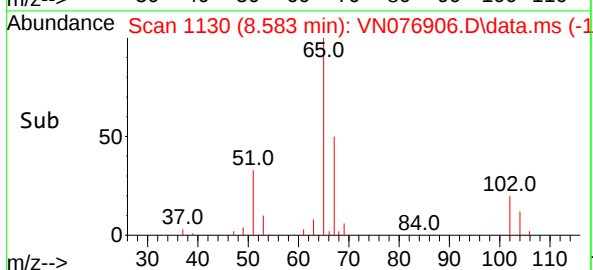
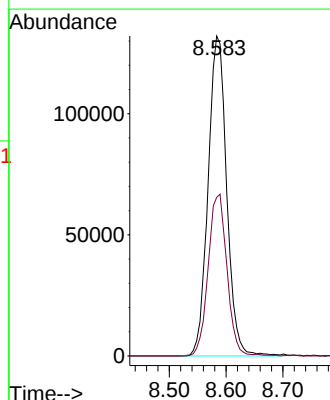
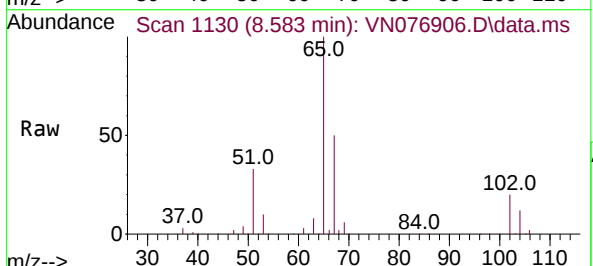
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBL02

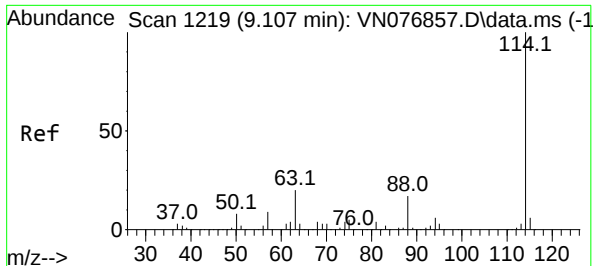
Tgt Ion:168 Resp: 435484
Ion Ratio Lower Upper
168 100
99 63.5 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 49.093 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

Tgt Ion: 65 Resp: 299742
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076906.D

Acq: 09 Mar 2023 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBL02

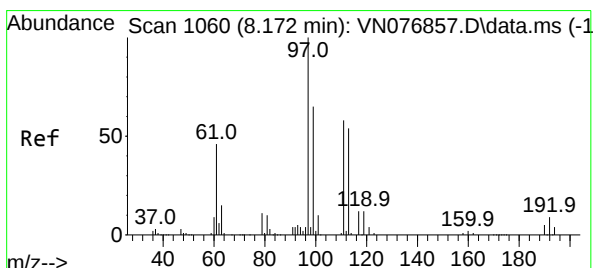
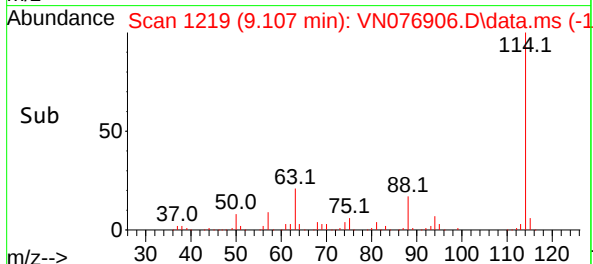
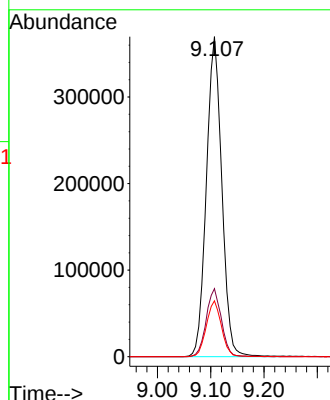
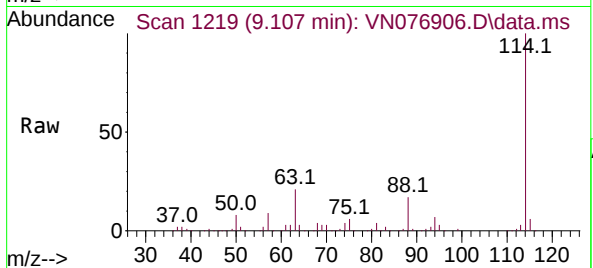
Tgt Ion:114 Resp: 742349

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 17.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.032 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076906.D

Acq: 09 Mar 2023 16:51

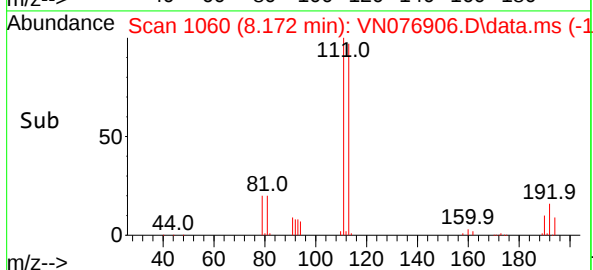
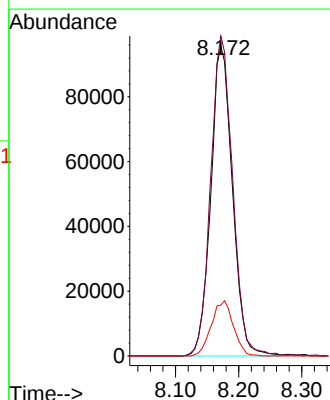
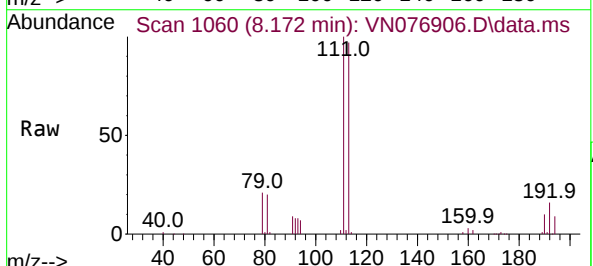
Tgt Ion:113 Resp: 227703

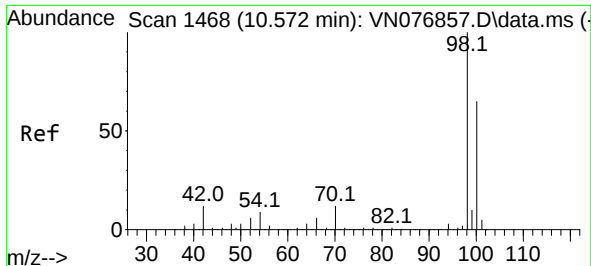
Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

192 18.2 13.9 20.9

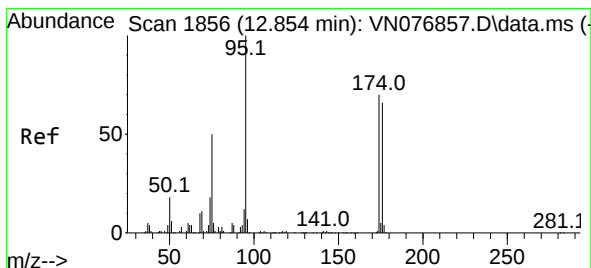
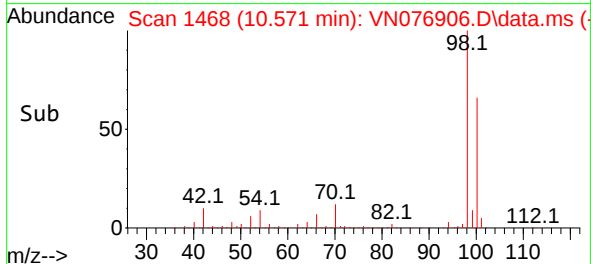
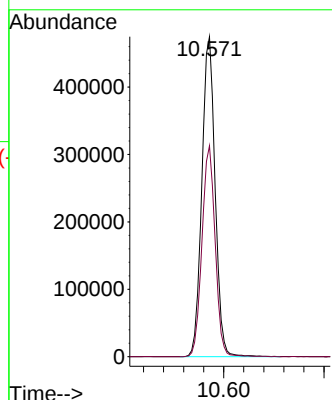
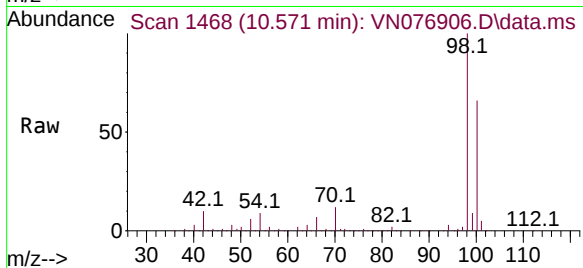




#50
Toluene-d8
Concen: 48.676 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

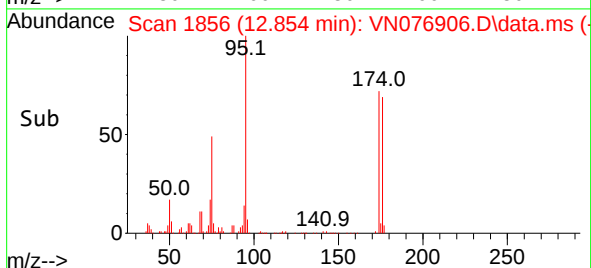
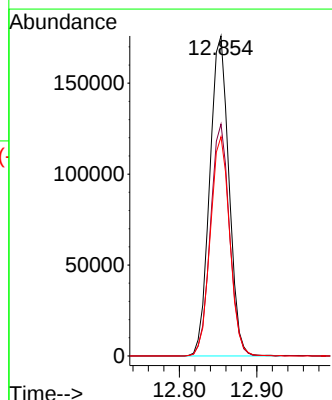
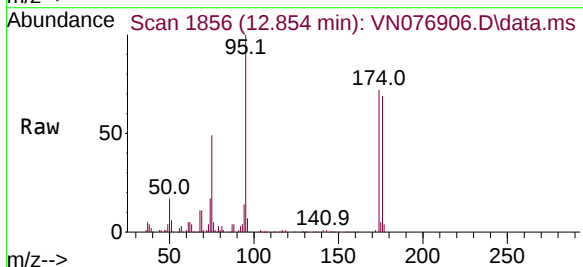
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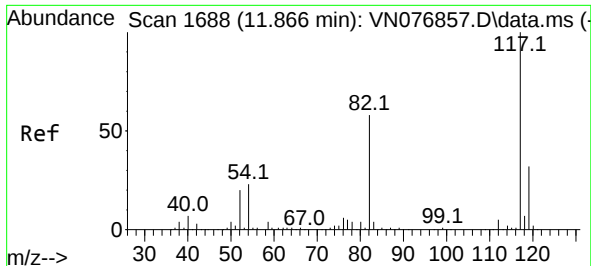
Tgt Ion: 98 Resp: 870893
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.876 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

Tgt Ion: 95 Resp: 303017
Ion Ratio Lower Upper
95 100
174 71.8 0.0 162.4
176 69.0 0.0 157.4

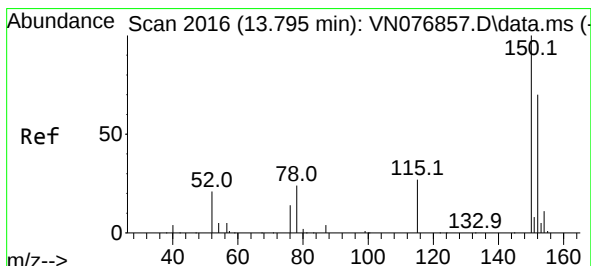
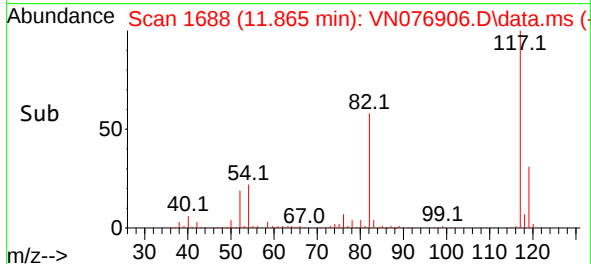
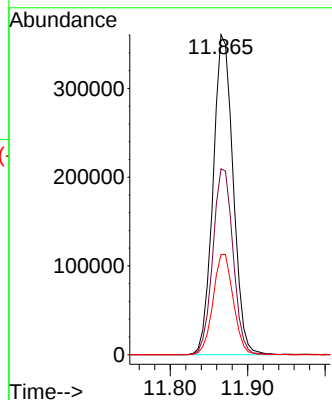
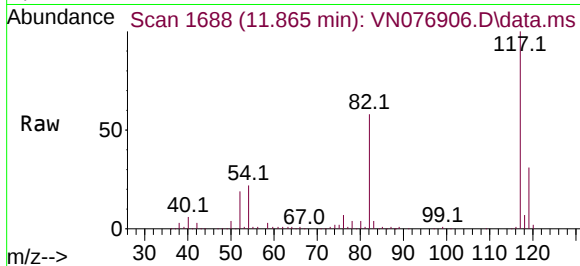




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBL02

Tgt Ion:117 Resp: 648011
Ion Ratio Lower Upper
117 100
82 58.1 43.5 65.3
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076906.D
Acq: 09 Mar 2023 16:51

Tgt Ion:152 Resp: 264688
Ion Ratio Lower Upper
152 100
115 64.0 30.3 90.9
150 156.3 0.0 353.6

