

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076927.D
 Acq On : 10 Mar 2023 16:15
 Operator : JC\MD
 Sample : VN0310WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBL01

Quant Time: Mar 10 16:50:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	422193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	684961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	592988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	240328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	284143	45.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.200%
35) Dibromofluoromethane	8.172	113	214533	46.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	10.572	98	804208	47.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.854	95	281288	45.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%

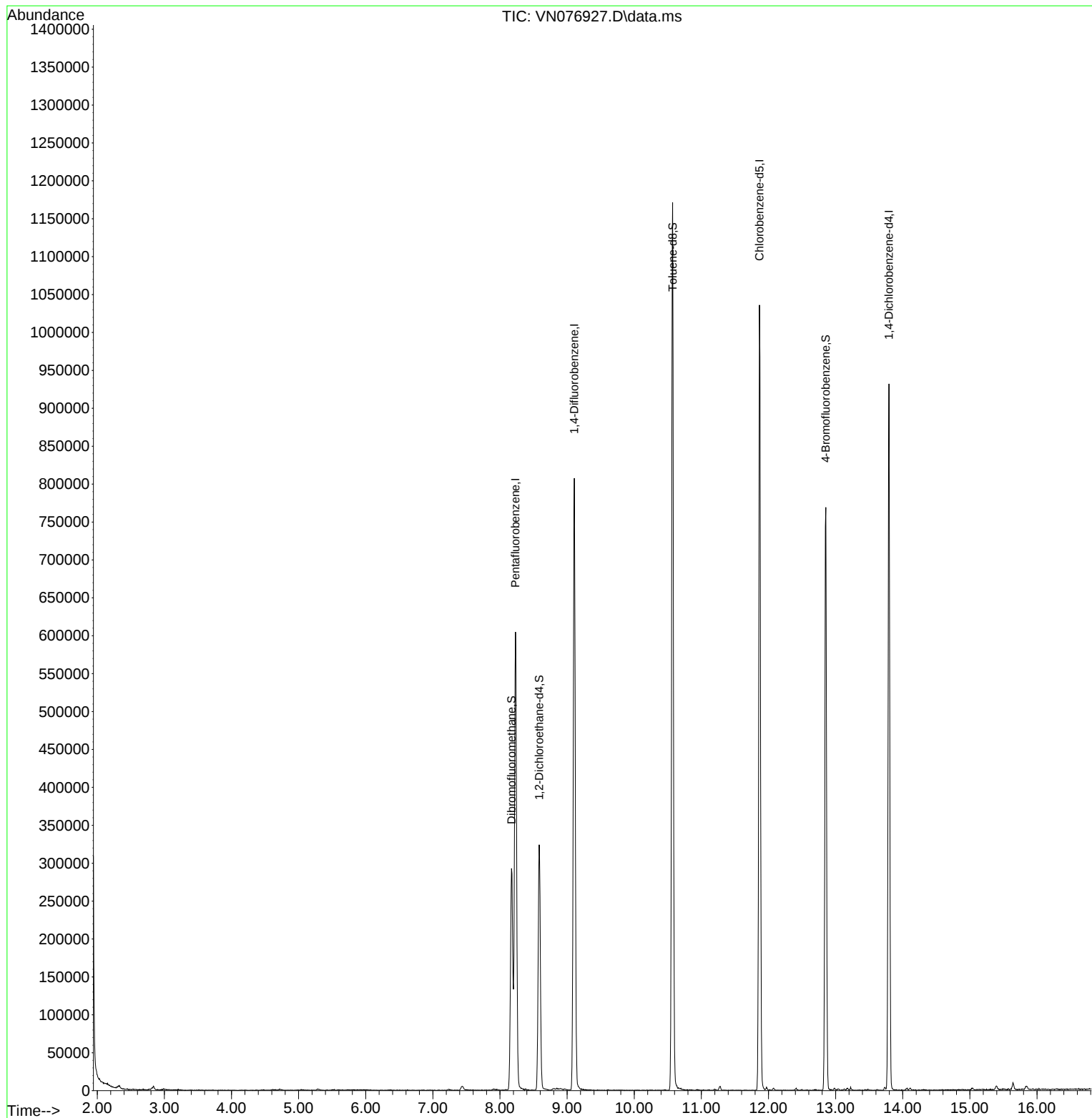
Target Compounds	Qvalue

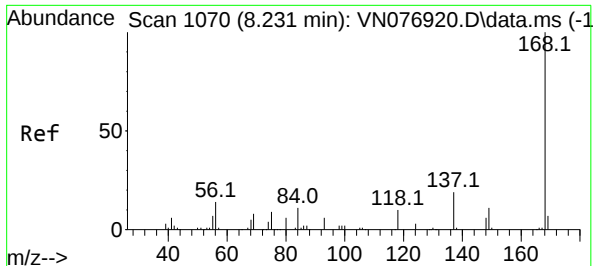
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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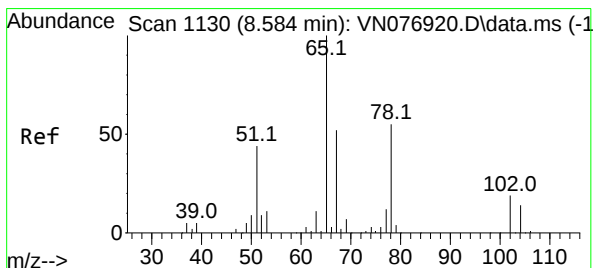
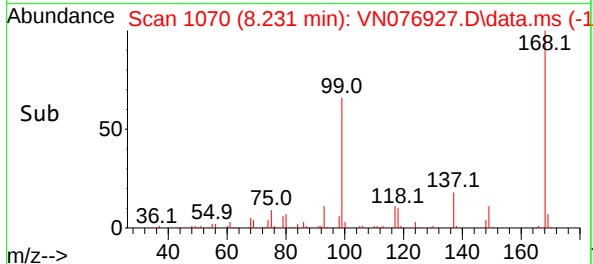
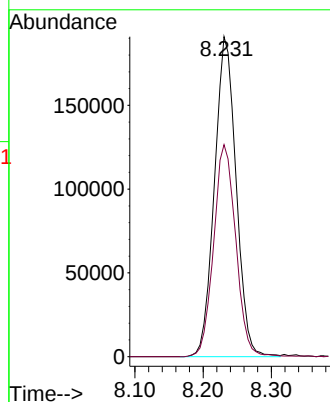
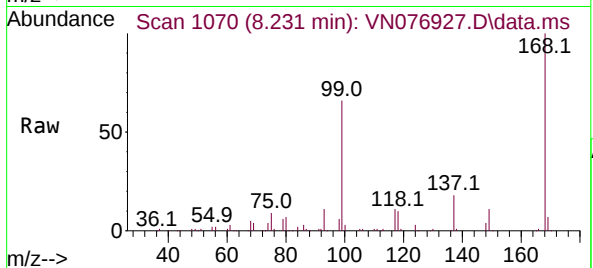




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

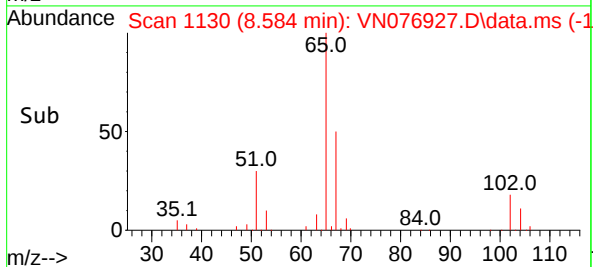
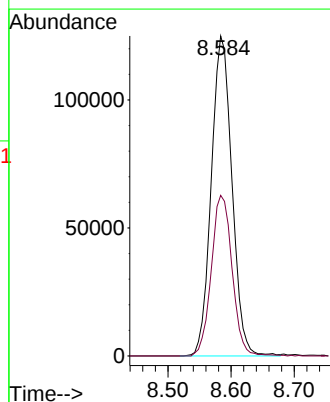
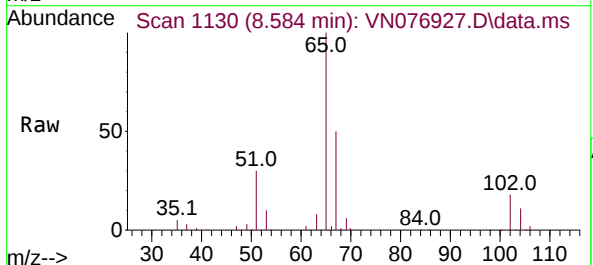
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

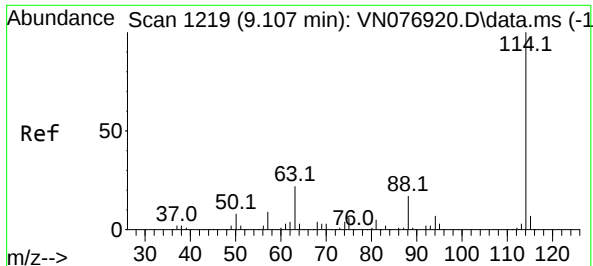
Tgt Ion:168 Resp: 422193
Ion Ratio Lower Upper
168 100
99 66.3 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 45.100 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 65 Resp: 284143
Ion Ratio Lower Upper
65 100
67 50.5 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: VN076927.D

Acq: 10 Mar 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBL01

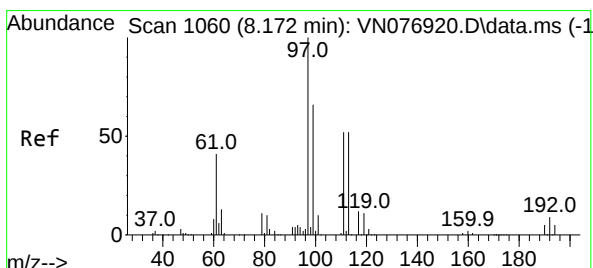
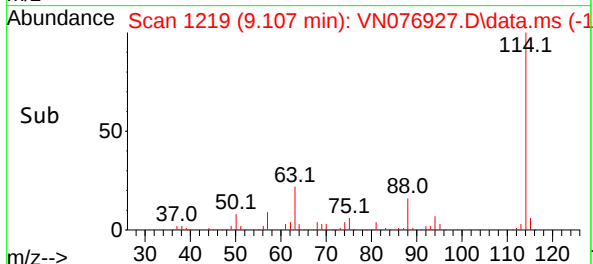
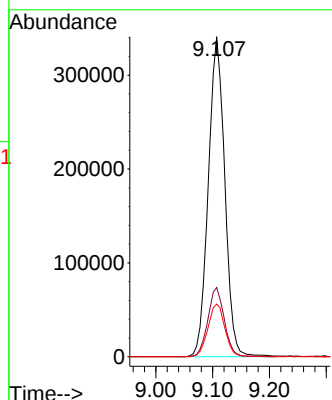
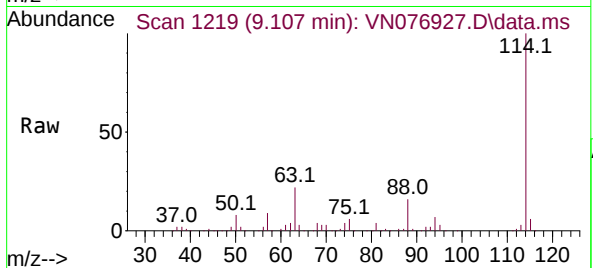
Tgt Ion:114 Resp: 684961

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 16.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.995 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076927.D

Acq: 10 Mar 2023 16:15

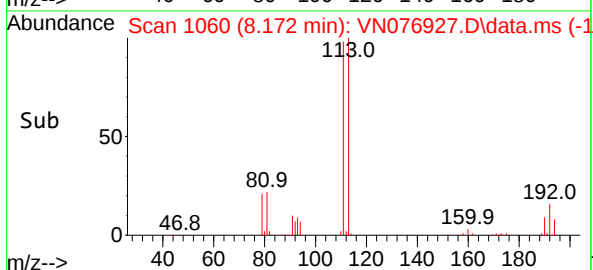
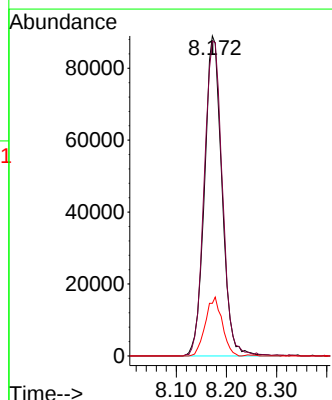
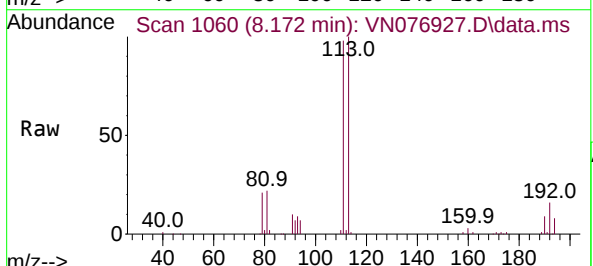
Tgt Ion:113 Resp: 214533

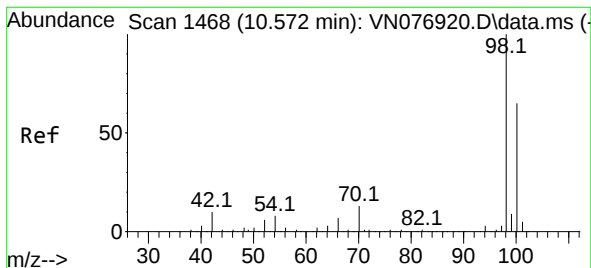
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 17.8 13.9 20.9

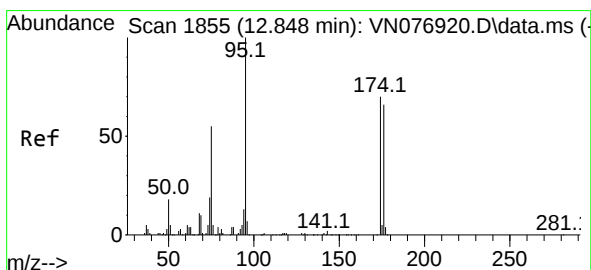
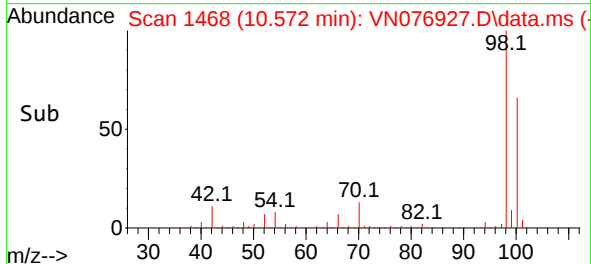
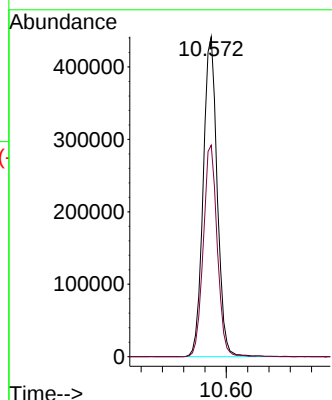
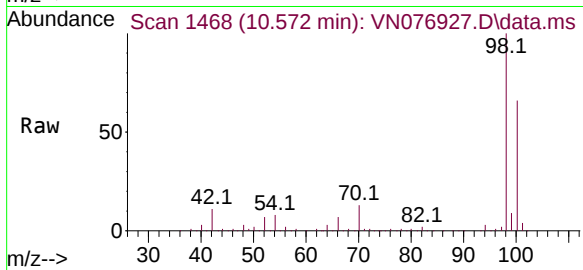




#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

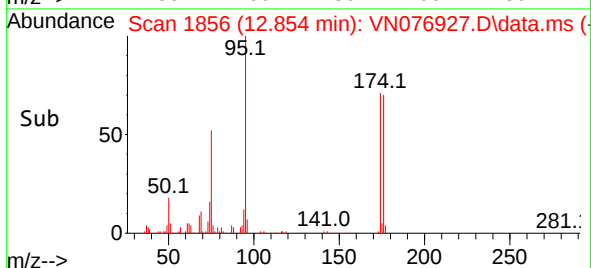
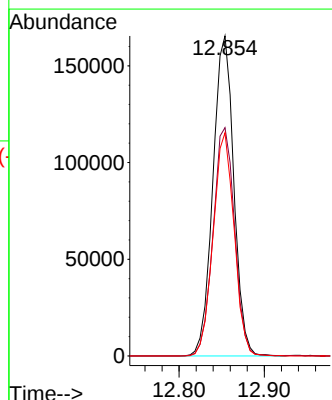
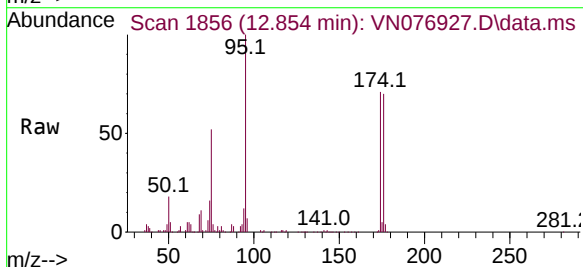
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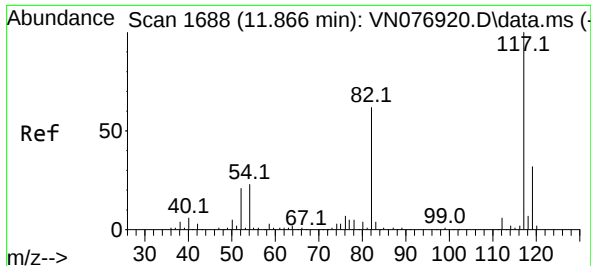
Tgt Ion: 98 Resp: 804208
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 95 Resp: 281288
Ion Ratio Lower Upper
95 100
174 73.6 0.0 162.4
176 70.0 0.0 157.4

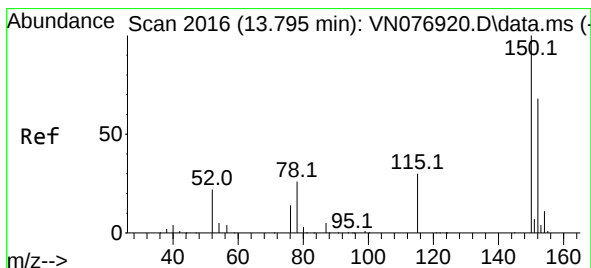
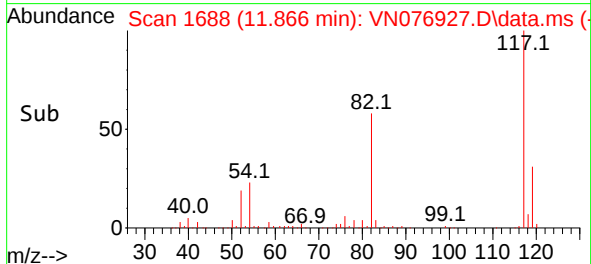
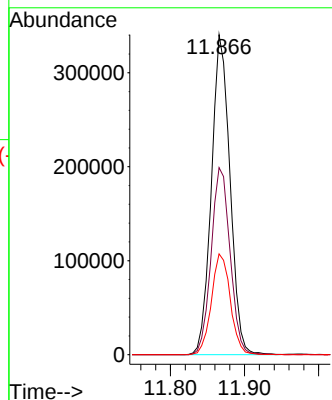
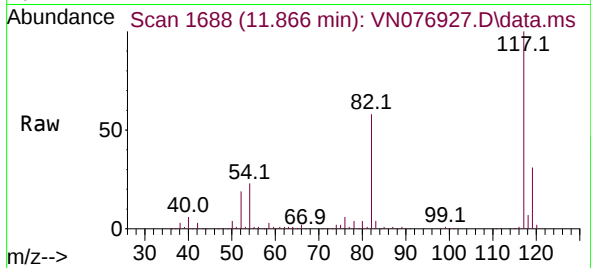




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

Tgt Ion:117 Resp: 592988
Ion Ratio Lower Upper
117 100
82 58.4 43.5 65.3
119 31.5 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: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion:152 Resp: 240328
Ion Ratio Lower Upper
152 100
115 65.7 30.3 90.9
150 157.7 0.0 353.6

