

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076430.D
 Acq On : 27 Jan 2023 10:42
 Operator : JC\MD
 Sample : VN0127WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBL01

Quant Time: Jan 27 22:33:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	387881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	636588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	542840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	229992	52.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.920%
35) Dibromofluoromethane	8.171	113	195829	49.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.571	98	728218	49.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.853	95	222664	46.379	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%

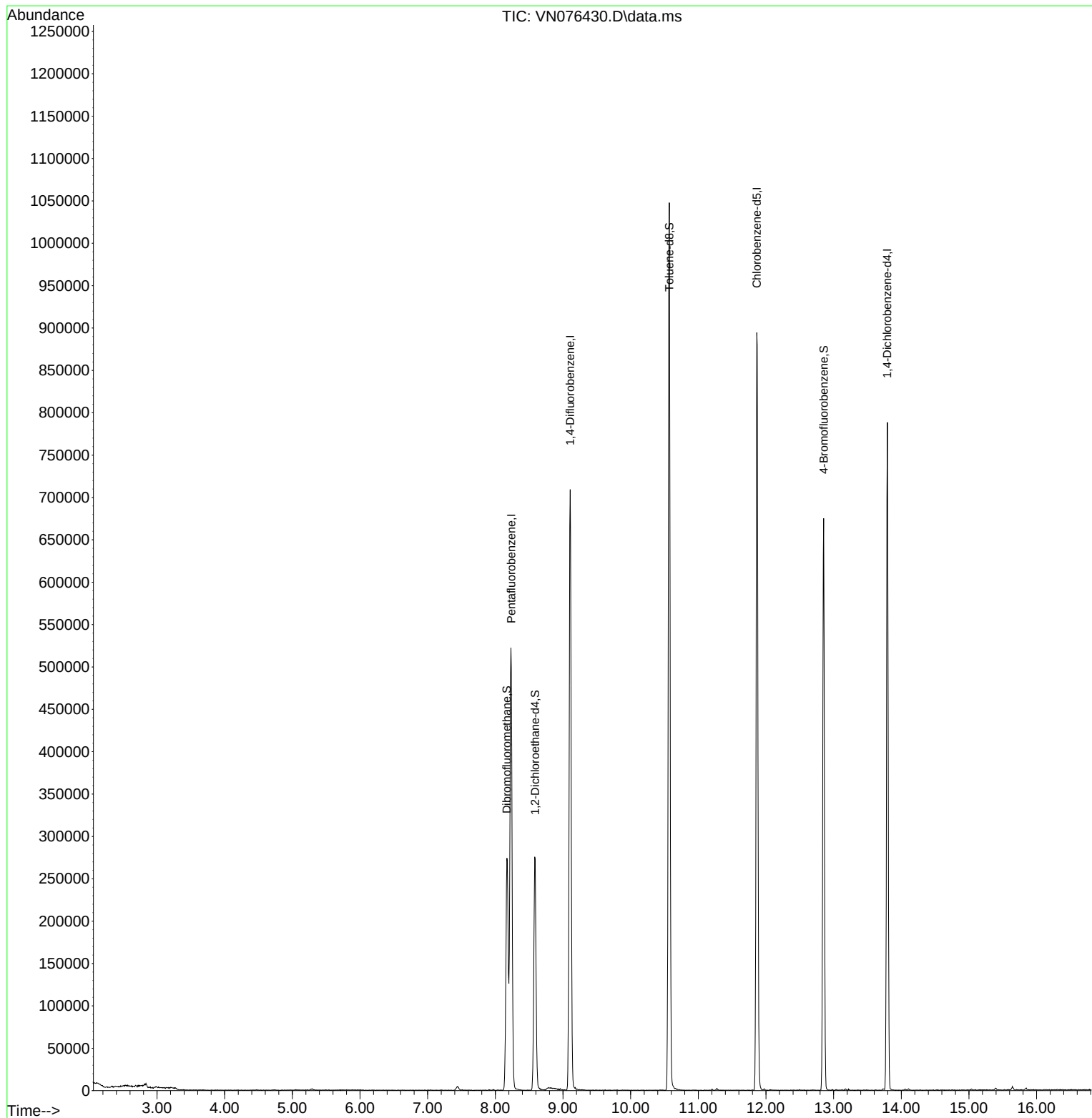
Target Compounds	Qvalue

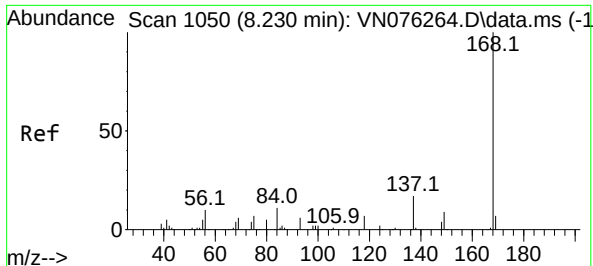
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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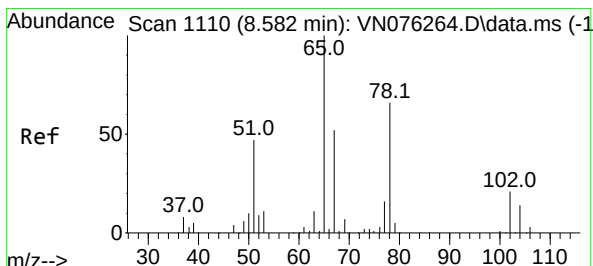
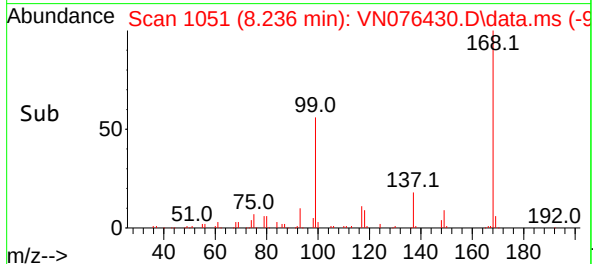
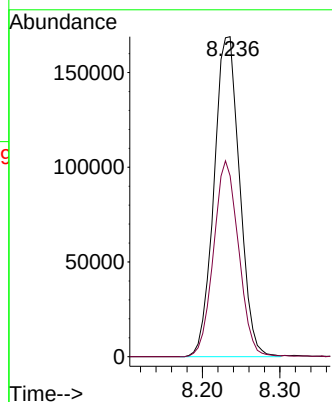
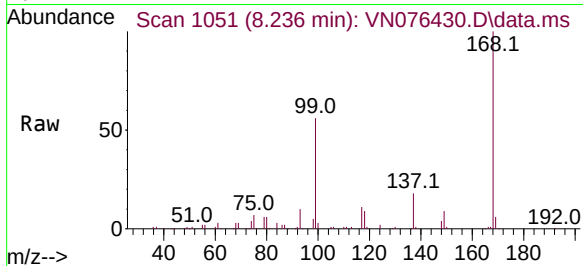




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

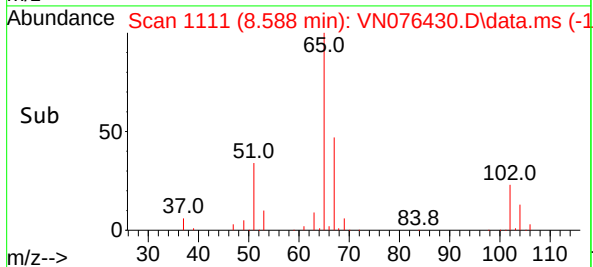
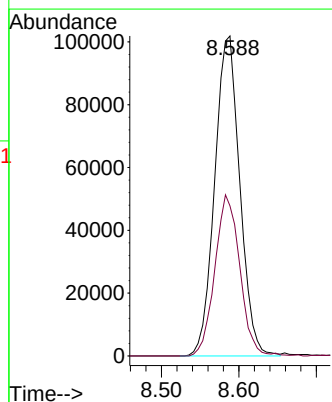
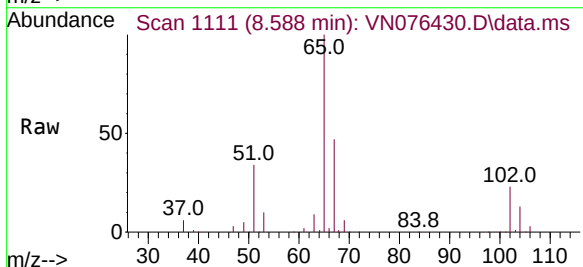
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

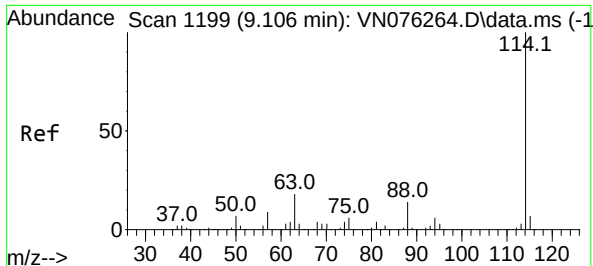
Tgt Ion:168 Resp: 387881
Ion Ratio Lower Upper
168 100
99 56.5 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 52.956 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

Tgt Ion: 65 Resp: 229992
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076430.D

Acq: 27 Jan 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBL01

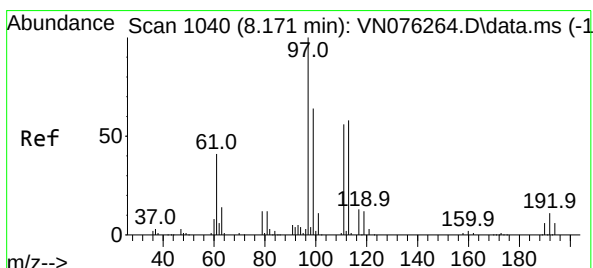
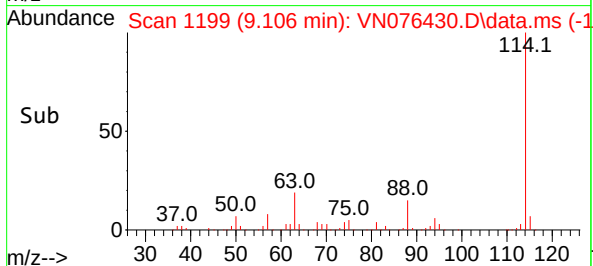
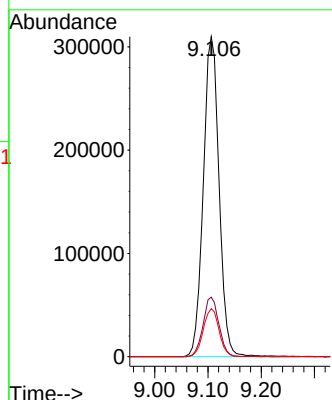
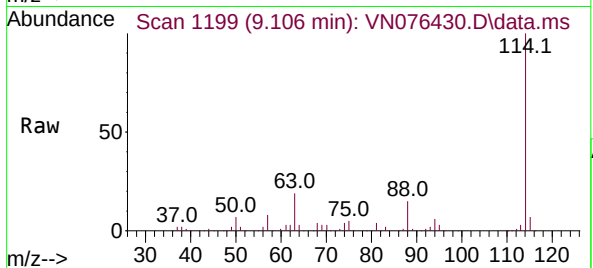
Tgt Ion:114 Resp: 636588

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.0 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.177 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076430.D

Acq: 27 Jan 2023 10:42

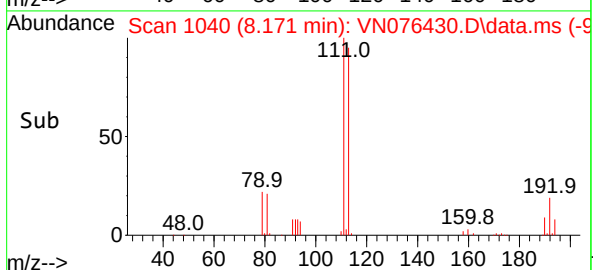
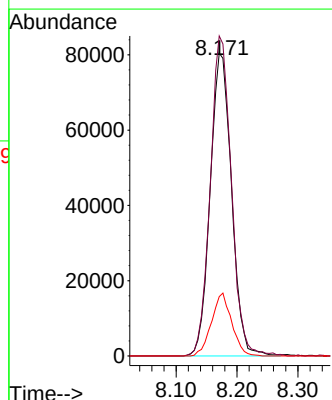
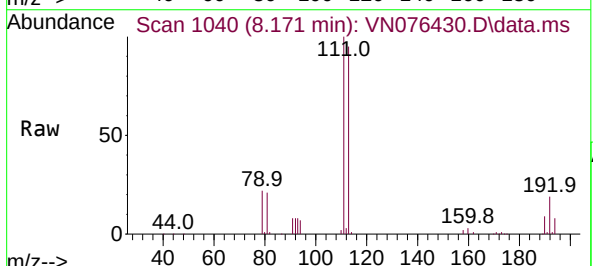
Tgt Ion:113 Resp: 195829

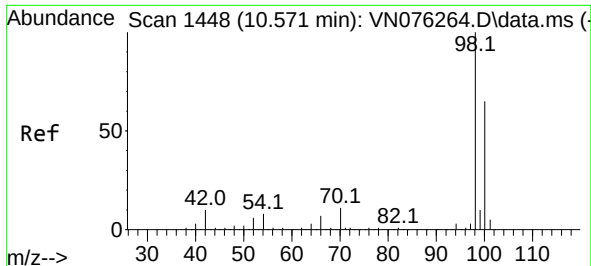
Ion Ratio Lower Upper

113 100

111 104.6 82.7 124.1

192 19.7 15.6 23.4

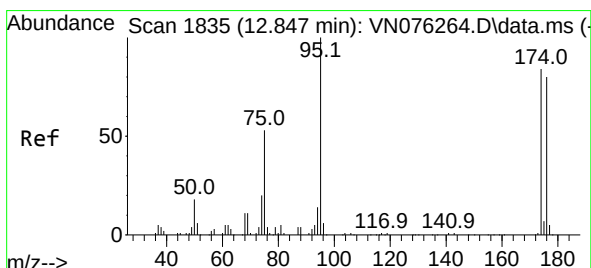
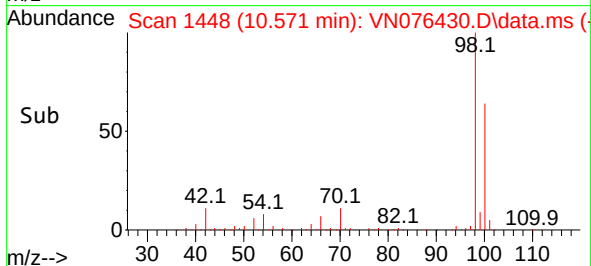
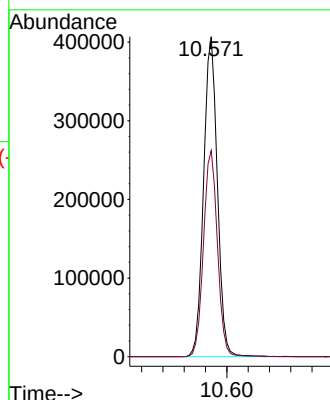
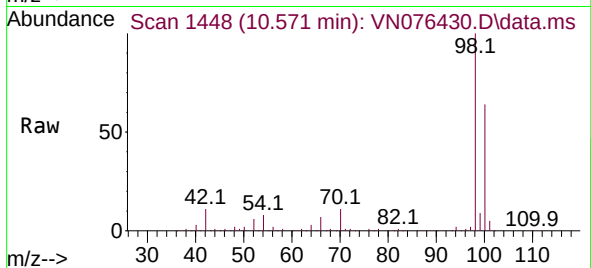




#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

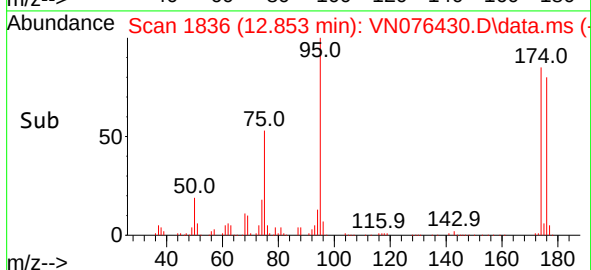
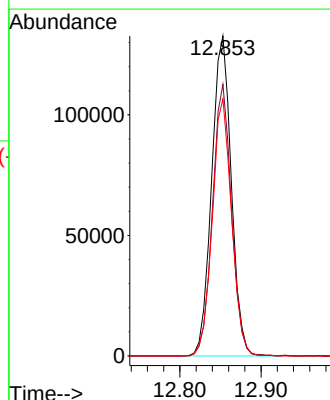
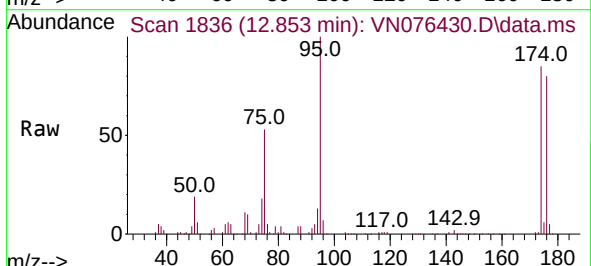
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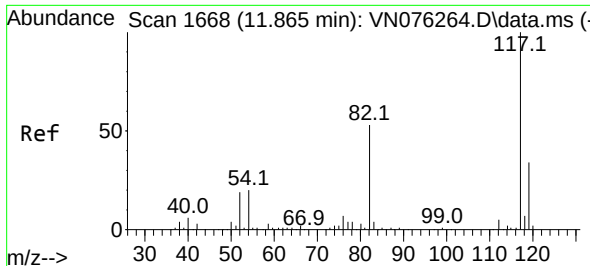
Tgt Ion: 98 Resp: 728218
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.379 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

Tgt Ion: 95 Resp: 222664
Ion Ratio Lower Upper
95 100
174 82.2 0.0 174.6
176 78.9 0.0 167.8

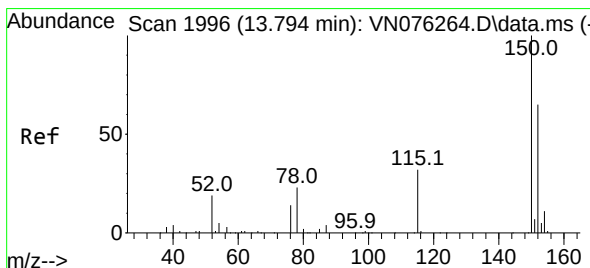
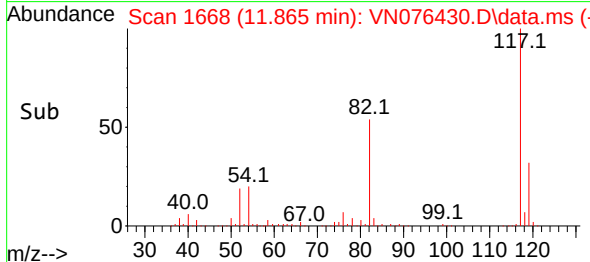
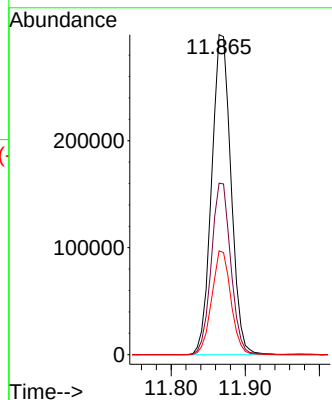
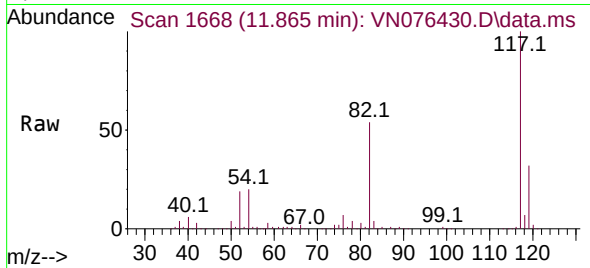




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

Tgt Ion:117 Resp: 542840
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 32.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076430.D
Acq: 27 Jan 2023 10:42

Tgt Ion:152 Resp: 215925
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.9
150 155.7 0.0 351.4

