

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076937.D
 Acq On : 10 Mar 2023 20:26
 Operator : JC\MD
 Sample : 01870-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01

Quant Time: Mar 13 01:24:16 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	369091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	594104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	512086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	205546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	258510	46.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.860%
35) Dibromofluoromethane	8.178	113	190356	48.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.572	98	702992	48.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.854	95	243485	45.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%

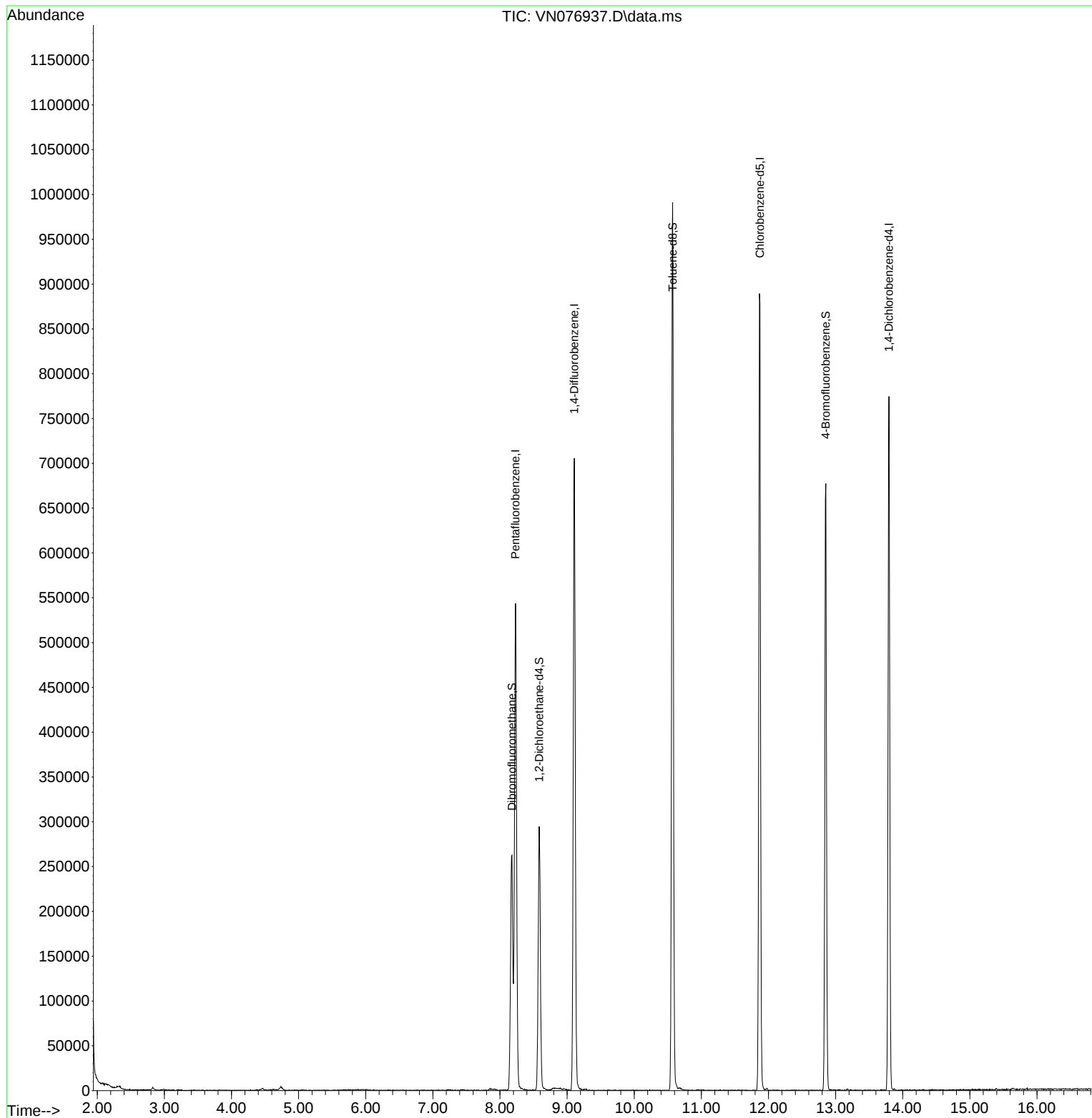
Target Compounds	Qvalue

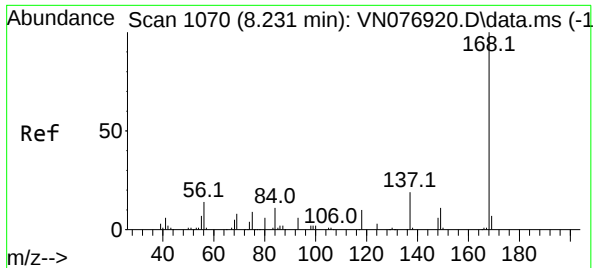
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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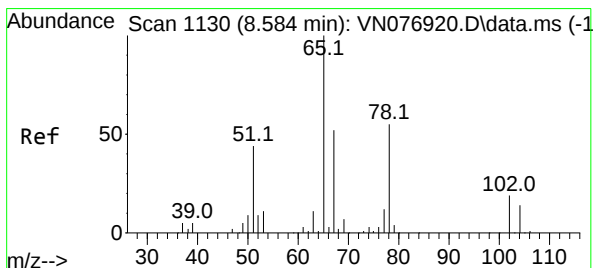
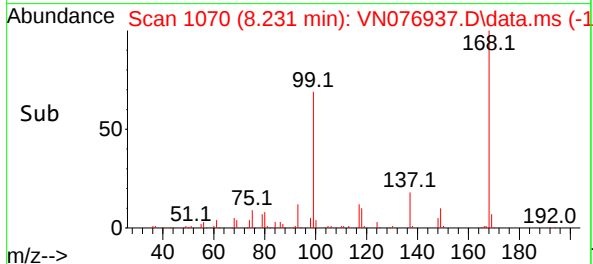
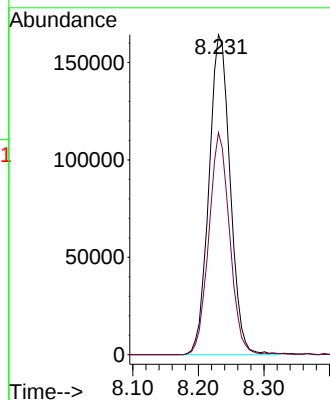
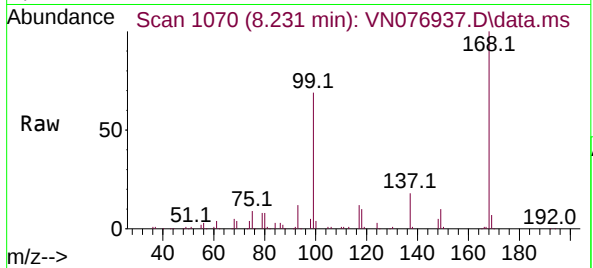




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076937.D
Acq: 10 Mar 2023 20:26

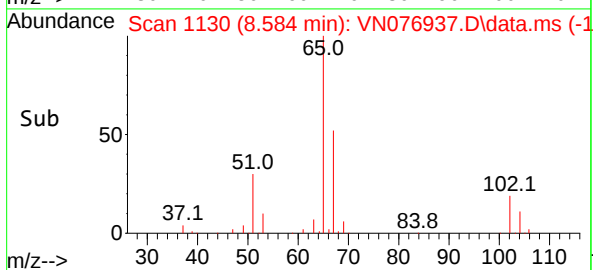
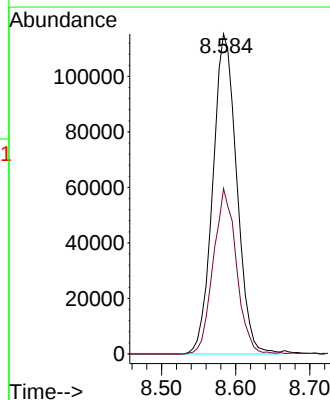
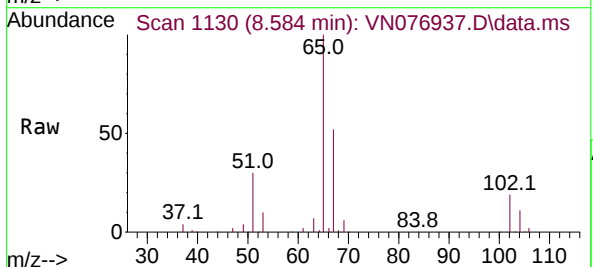
Instrument :
MSVOA_N
ClientSampleId :
TB01

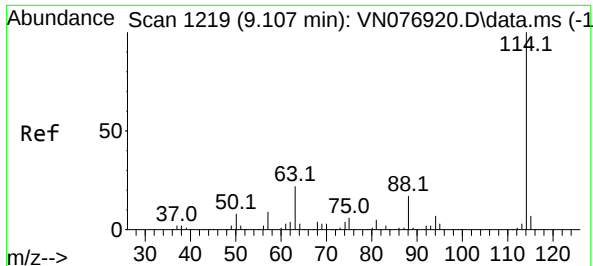
Tgt Ion:168 Resp: 369091
Ion Ratio Lower Upper
168 100
99 69.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 46.935 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076937.D
Acq: 10 Mar 2023 20:26

Tgt Ion: 65 Resp: 258510
Ion Ratio Lower Upper
65 100
67 49.9 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: VN076937.D

Acq: 10 Mar 2023 20:26

Instrument :

MSVOA_N

ClientSampleId :

TB01

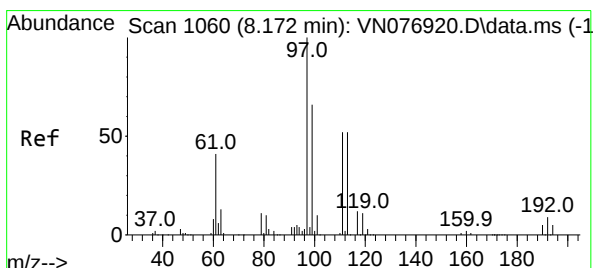
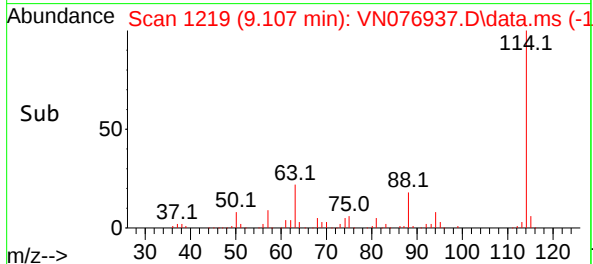
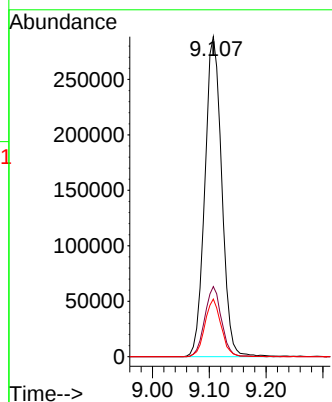
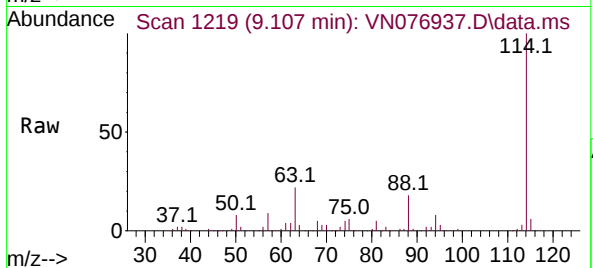
Tgt Ion:114 Resp: 594104

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.6

88 18.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.076 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076937.D

Acq: 10 Mar 2023 20:26

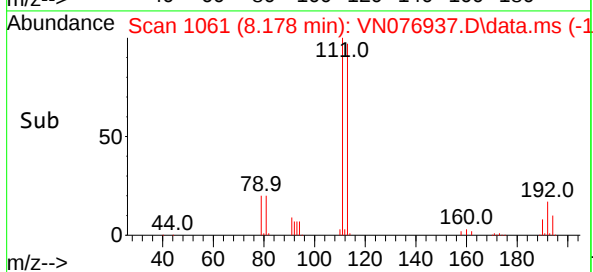
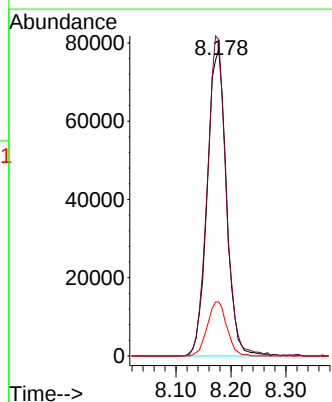
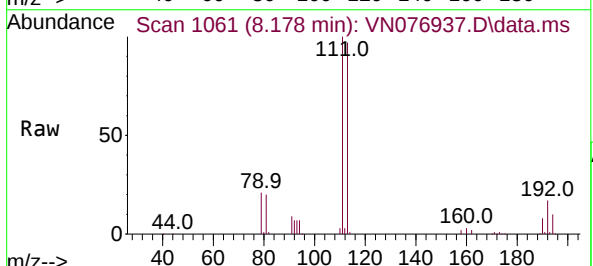
Tgt Ion:113 Resp: 190356

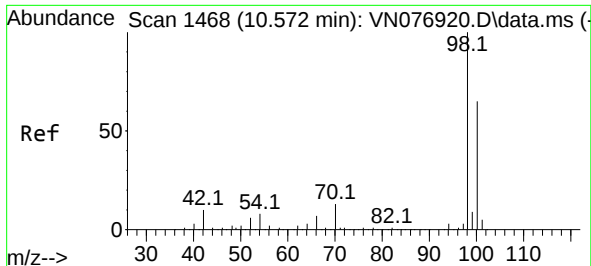
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 17.9 13.9 20.9

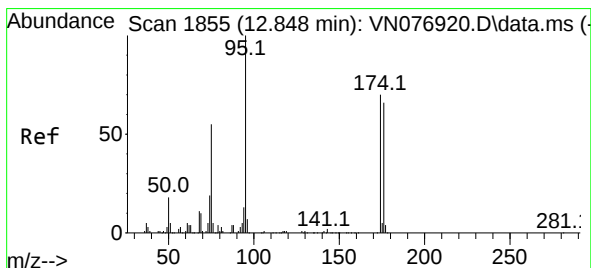
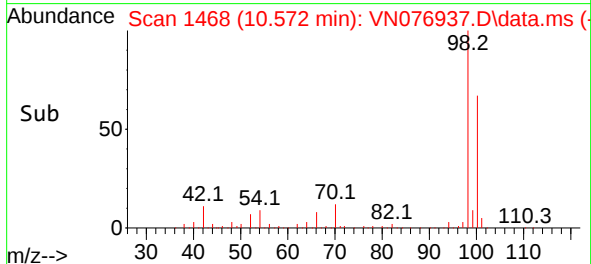
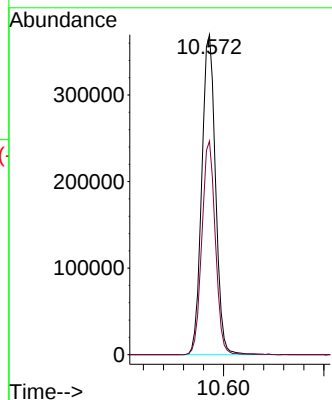
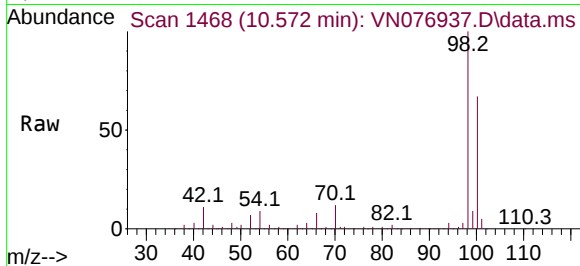




#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076937.D
Acq: 10 Mar 2023 20:26

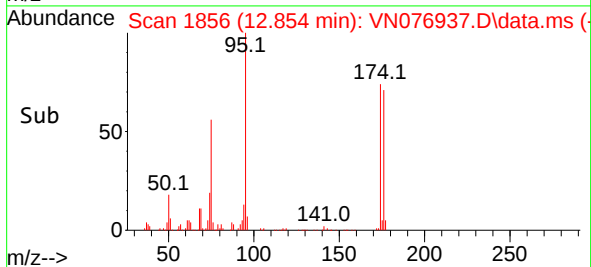
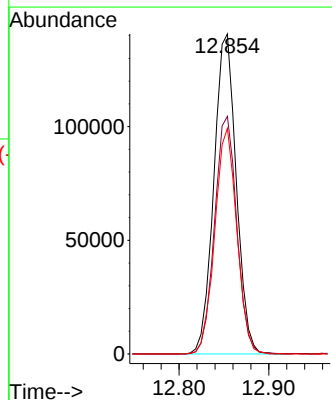
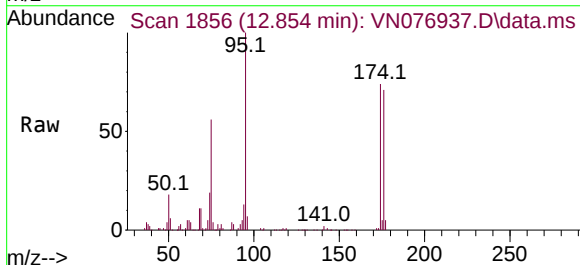
Instrument :
MSVOA_N
ClientSampleId :
TB01

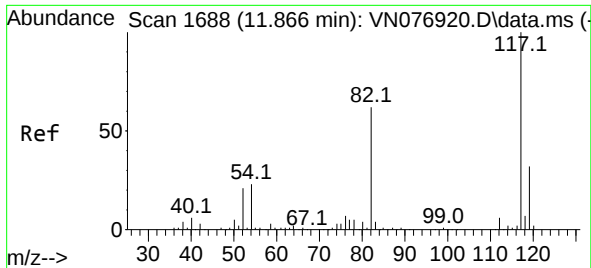
Tgt Ion: 98 Resp: 702992
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.617 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076937.D
Acq: 10 Mar 2023 20:26

Tgt Ion: 95 Resp: 243485
Ion Ratio Lower Upper
95 100
174 73.7 0.0 162.4
176 69.3 0.0 157.4

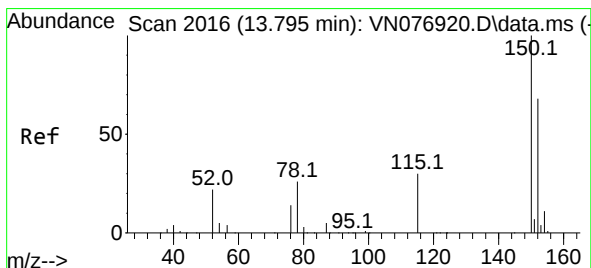
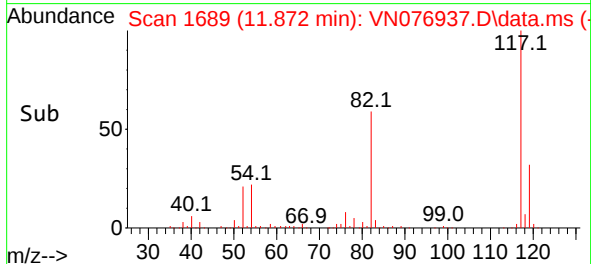
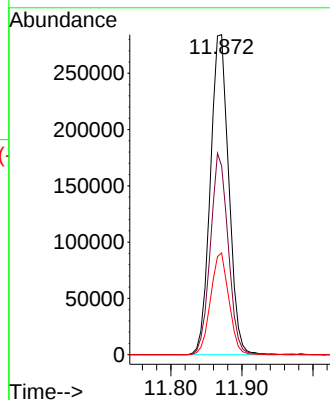
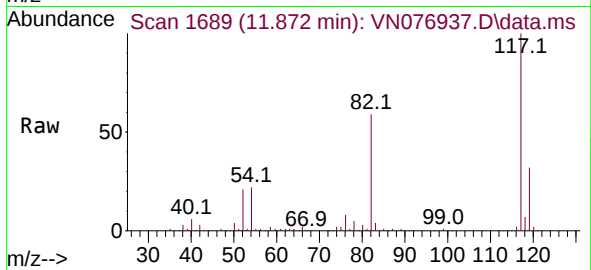




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076937.D
Acq: 10 Mar 2023 20:26

Instrument :
MSVOA_N
ClientSampleId :
TB01

Tgt Ion:117 Resp: 512086
Ion Ratio Lower Upper
117 100
82 59.0 43.5 65.3
119 31.8 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: VN076937.D
Acq: 10 Mar 2023 20:26

Tgt Ion:152 Resp: 205546
Ion Ratio Lower Upper
152 100
115 66.3 30.3 90.9
150 158.0 0.0 353.6

