

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077151.D
 Acq On : 23 Mar 2023 15:53
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Mar 24 01:35:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	488390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	866267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	728761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	252695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	368696	47.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	8.172	113	277989	45.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	10.572	98	1051274	48.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.854	95	298168	38.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.880%#

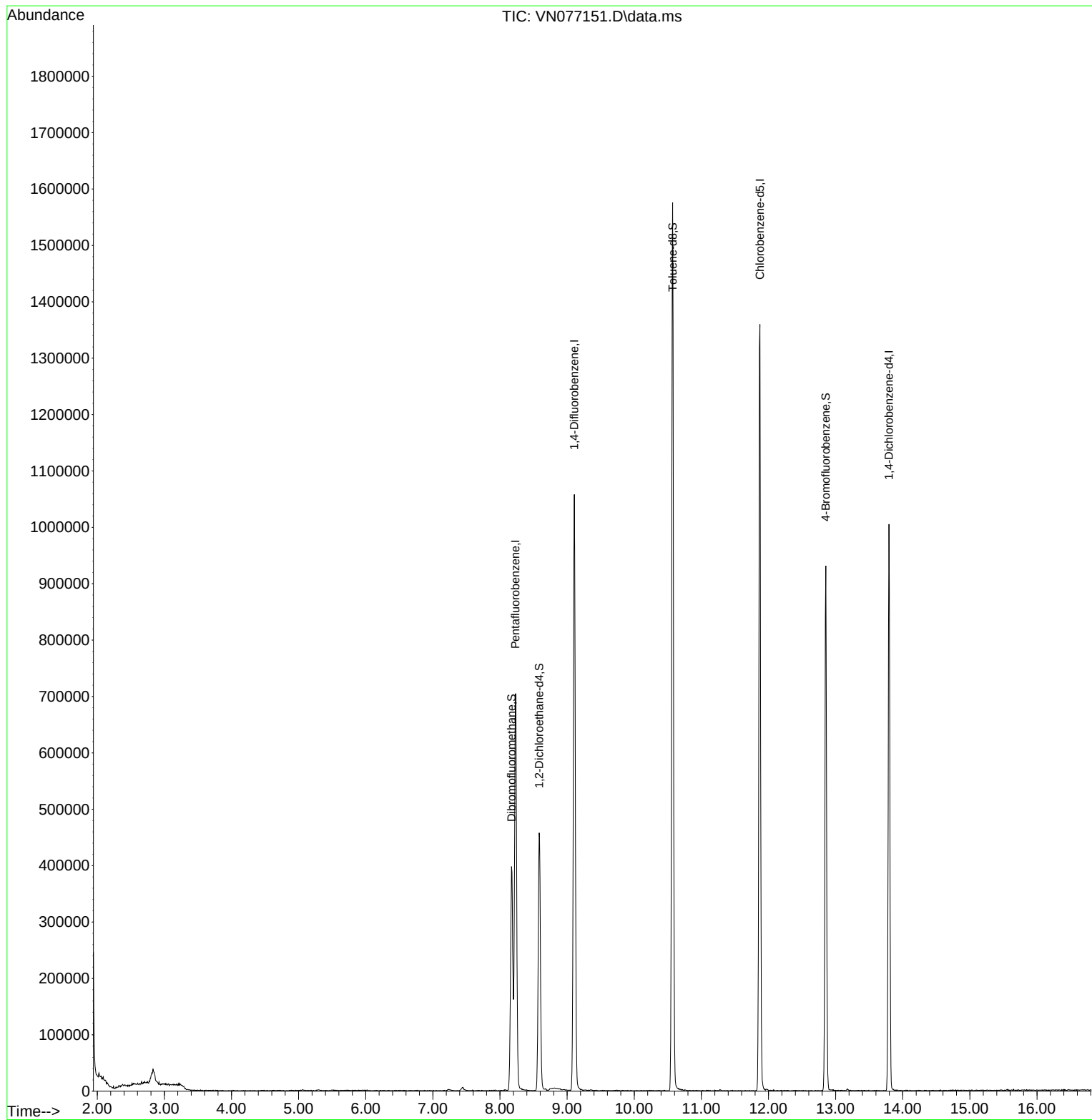
Target Compounds	Qvalue

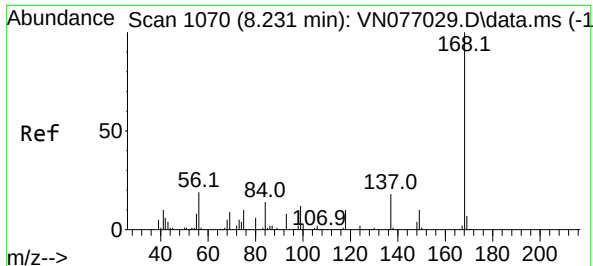
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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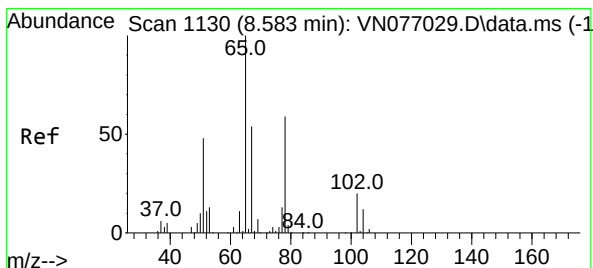
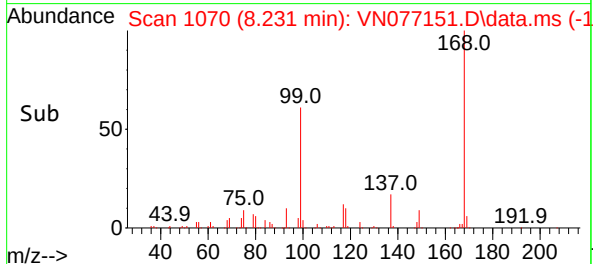
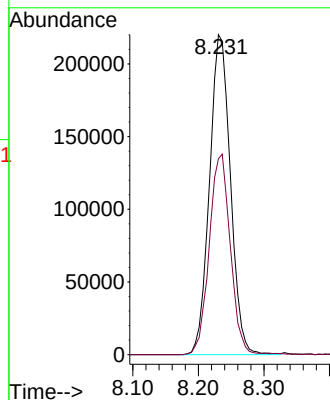
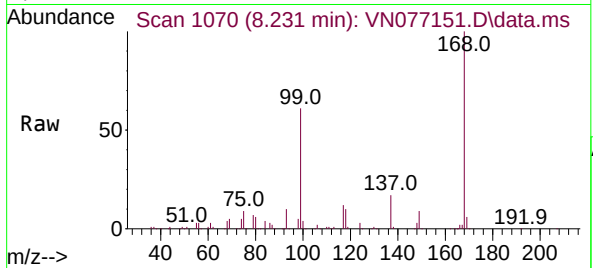




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

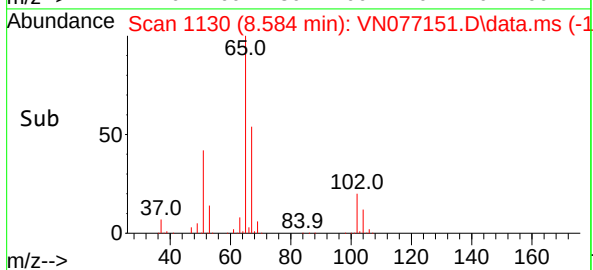
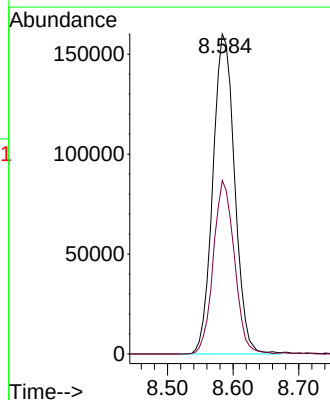
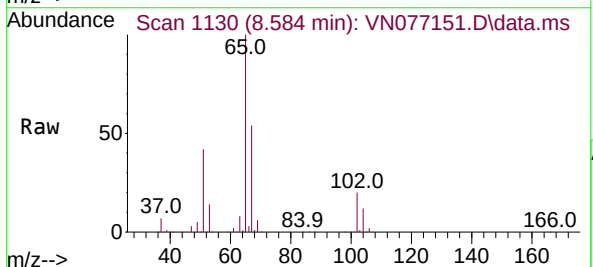
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

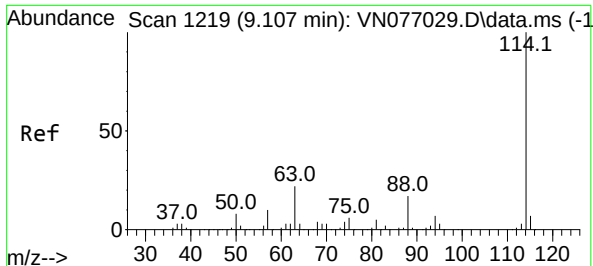
Tgt Ion:168 Resp: 488390
Ion Ratio Lower Upper
168 100
99 61.2 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 47.262 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion: 65 Resp: 368696
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

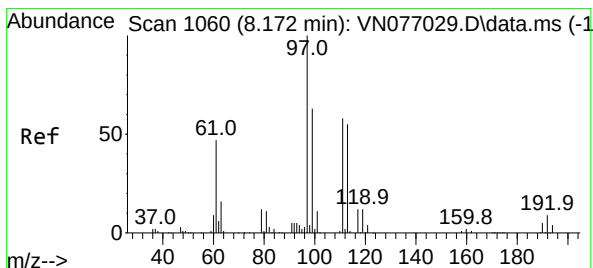
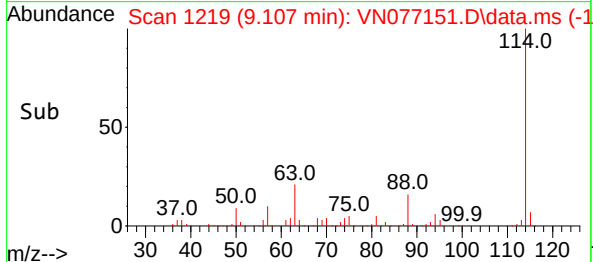
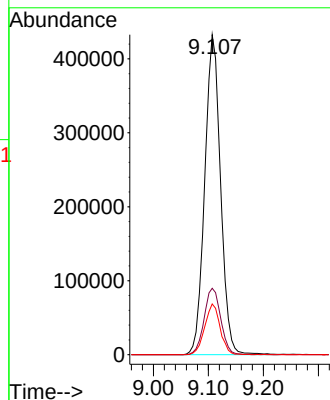
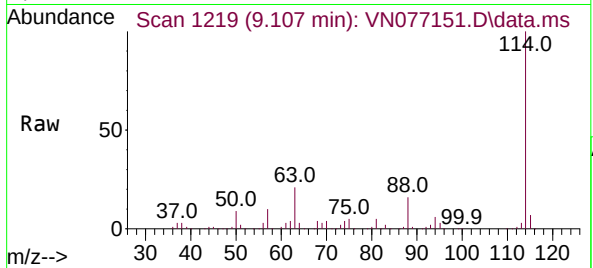




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

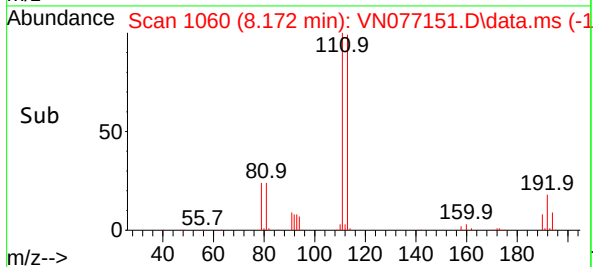
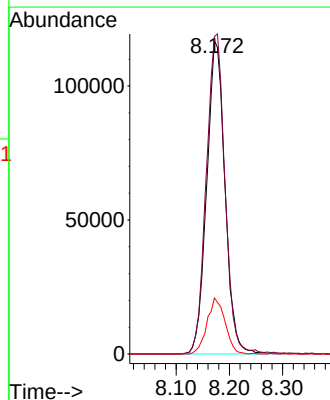
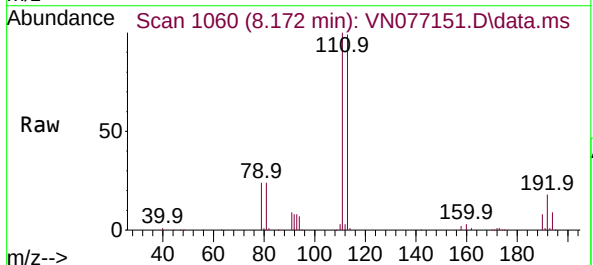
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

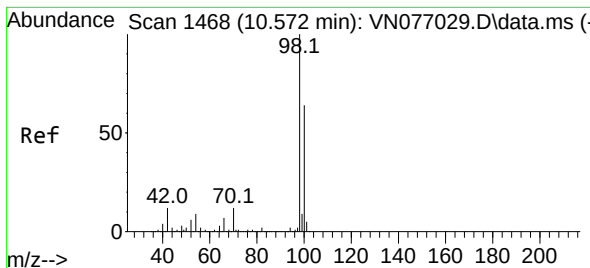
Tgt Ion:114 Resp: 866267
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.6
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.823 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion:113 Resp: 277989
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 17.6 13.0 19.6





#50

Toluene-d8

Concen: 48.511 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077151.D

Acq: 23 Mar 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

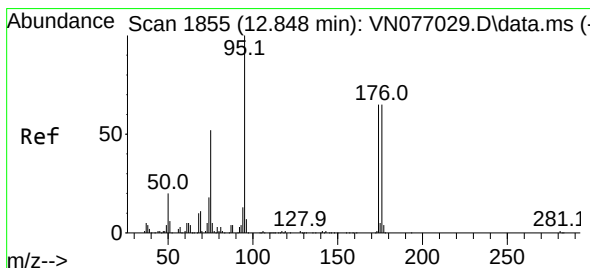
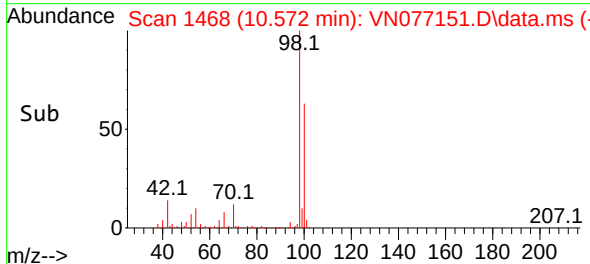
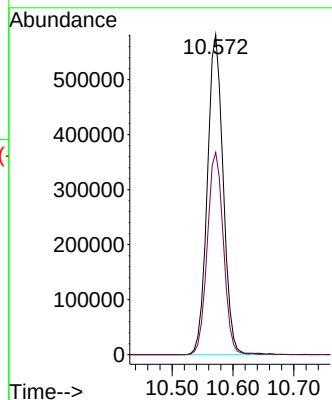
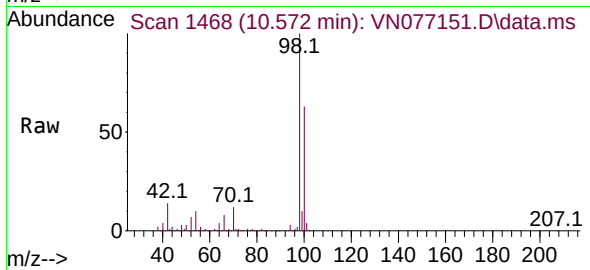
VIBLK

Tgt Ion: 98 Resp: 1051274

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 38.937 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077151.D

Acq: 23 Mar 2023 15:53

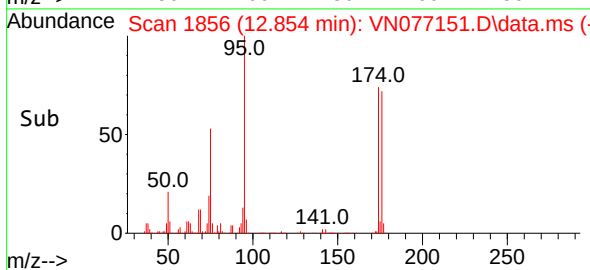
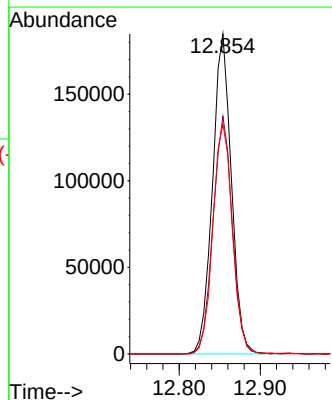
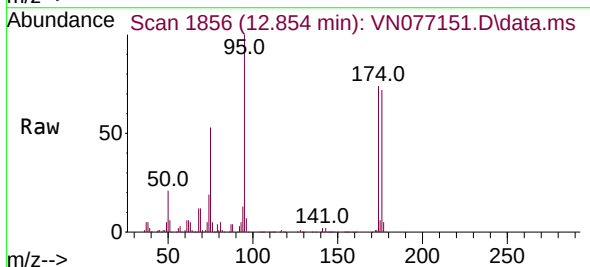
Tgt Ion: 95 Resp: 298168

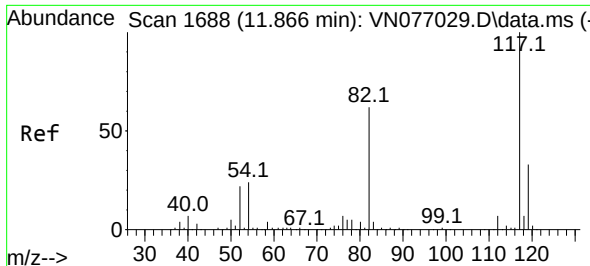
Ion Ratio Lower Upper

95 100

174 75.6 0.0 136.6

176 74.8 0.0 130.0

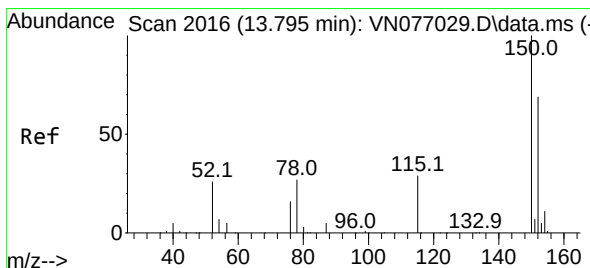
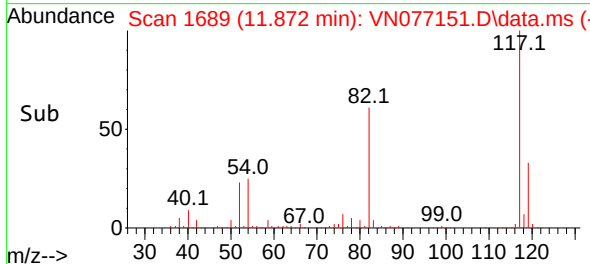
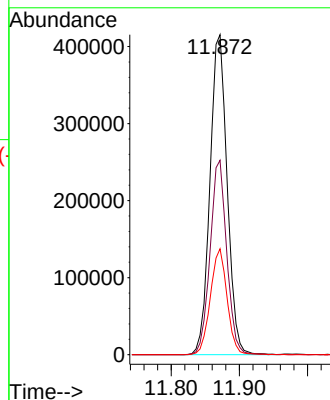
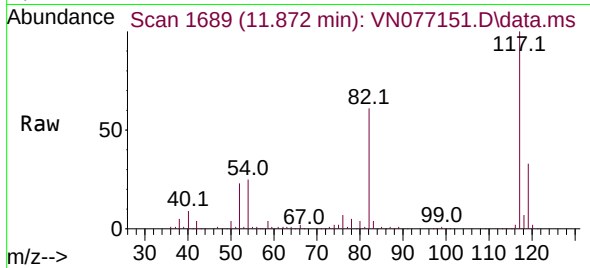




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 728761
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 33.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077151.D
Acq: 23 Mar 2023 15:53

Tgt Ion:152 Resp: 252695
Ion Ratio Lower Upper
152 100
115 61.4 31.9 95.7
150 158.6 0.0 348.0

