

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076138.D
 Acq On : 06 Jan 2023 17:00
 Operator : JC\MD
 Sample : 01055-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-F

Quant Time: Jan 06 22:57:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

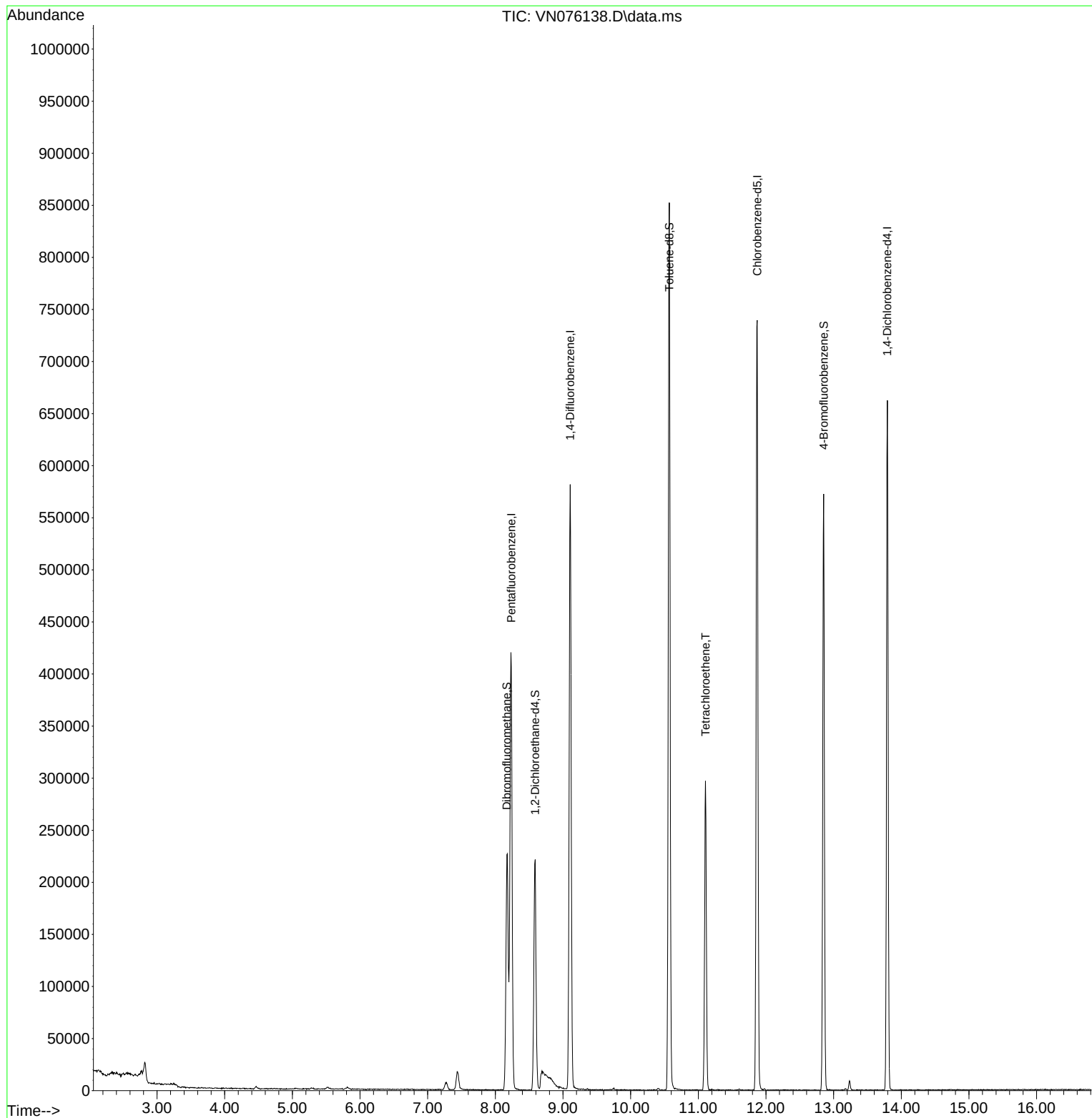
Internal Standards						
1) Pentafluorobenzene	8.236	168	325966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	176825	49.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	8.171	113	164055	49.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.571	98	614313	49.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	187972	46.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						Qvalue
64) Tetrachloroethene	11.106	164	68137	20.698	ug/l	99

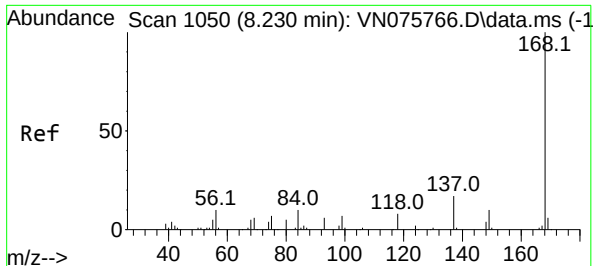
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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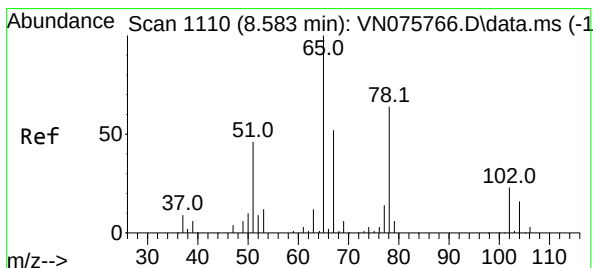
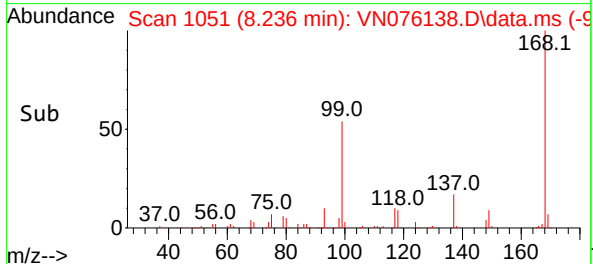
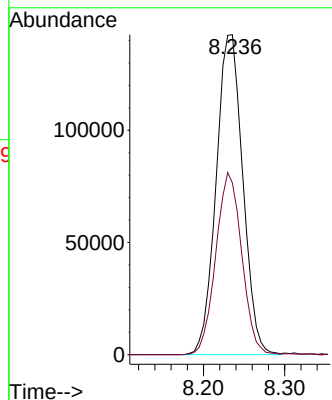
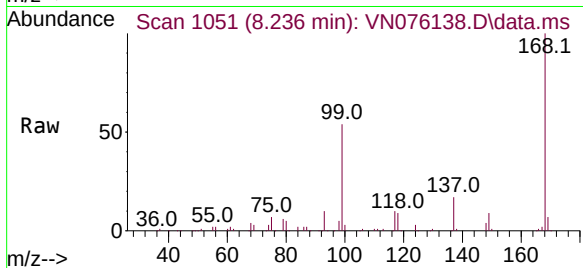




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

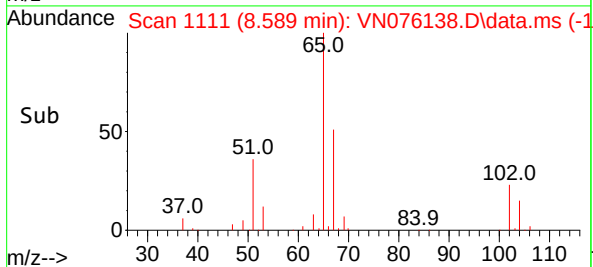
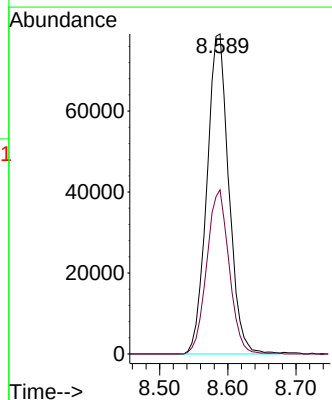
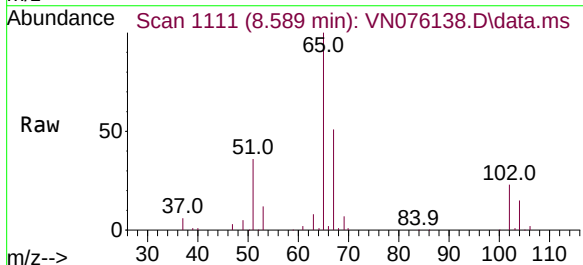
Instrument :
MSVOA_N
ClientSampleId :
MH-F

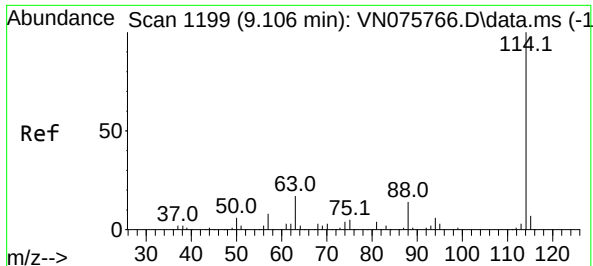
Tgt Ion:168 Resp: 325966
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 65 Resp: 176825
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076138.D

Acq: 06 Jan 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

MH-F

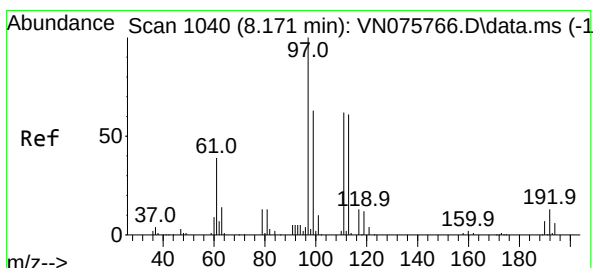
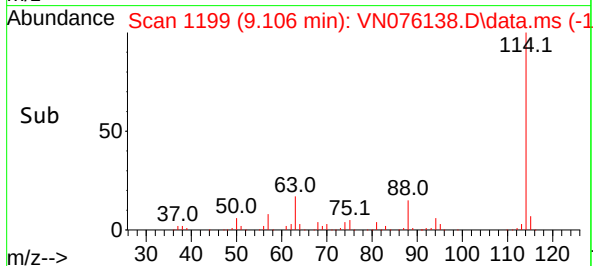
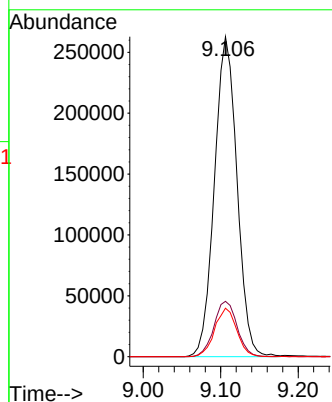
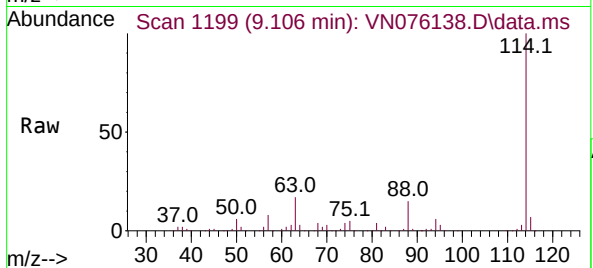
Tgt Ion:114 Resp: 532196

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.777 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076138.D

Acq: 06 Jan 2023 17:00

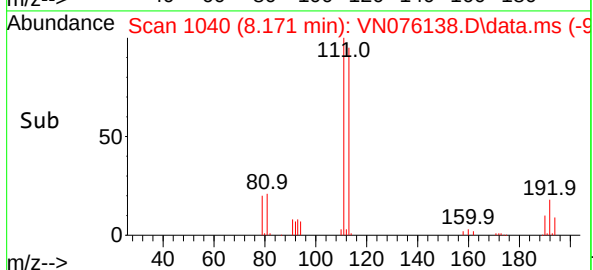
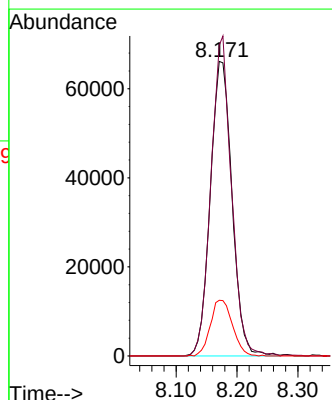
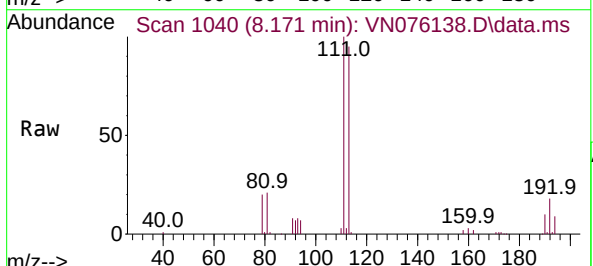
Tgt Ion:113 Resp: 164055

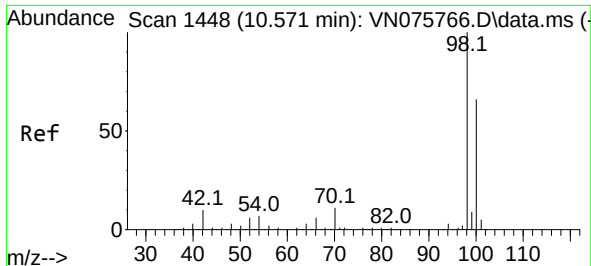
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.3 16.1 24.1

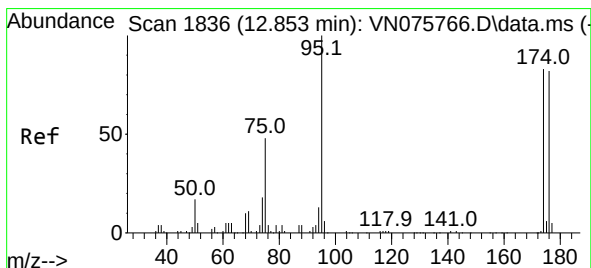
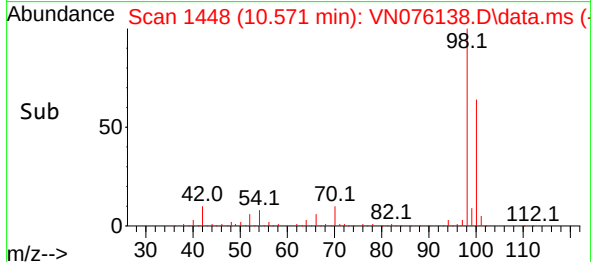
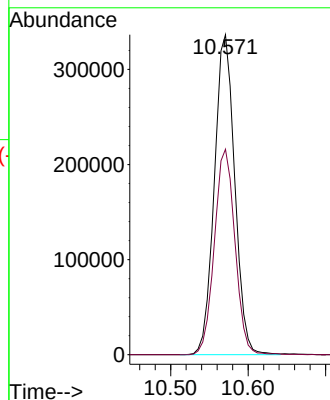
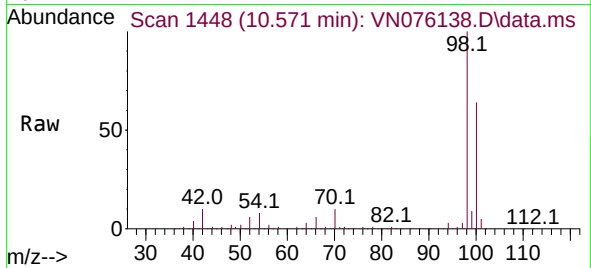




#50
Toluene-d8
Concen: 49.852 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

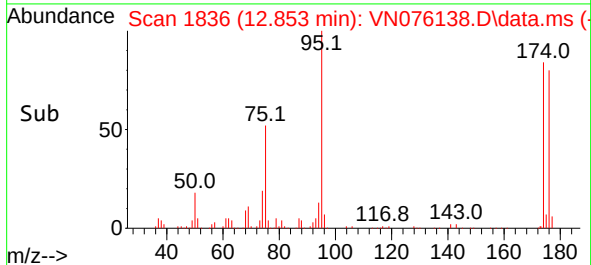
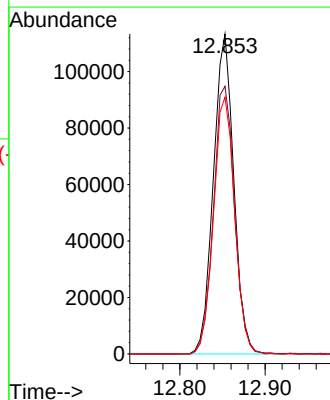
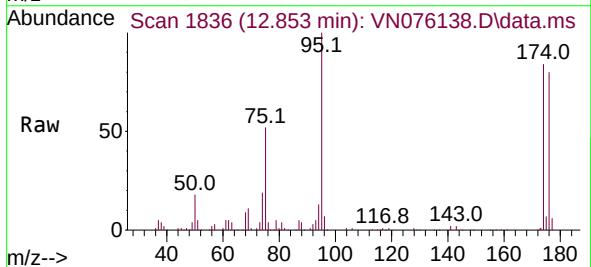
Instrument :
MSVOA_N
ClientSampleId :
MH-F

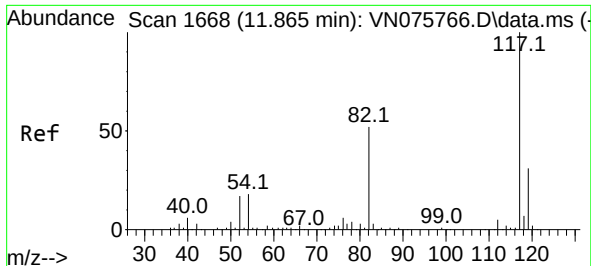
Tgt Ion: 98 Resp: 614313
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Tgt Ion: 95 Resp: 187972
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.1 0.0 169.2

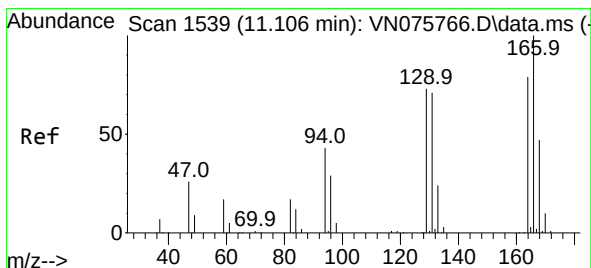
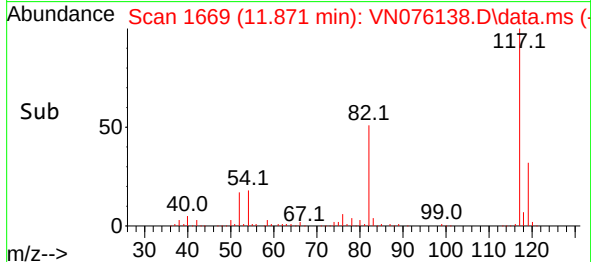
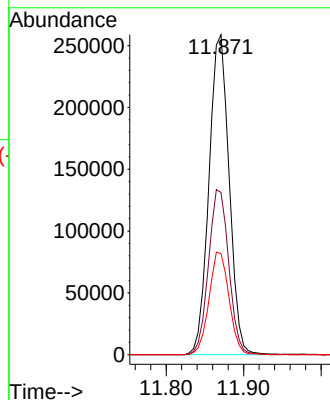
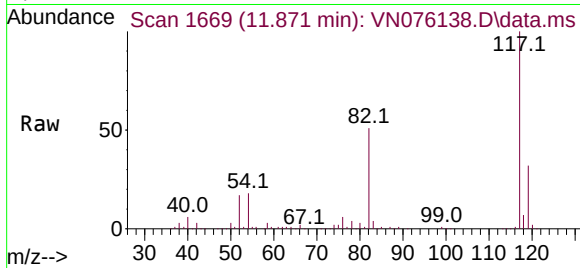




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

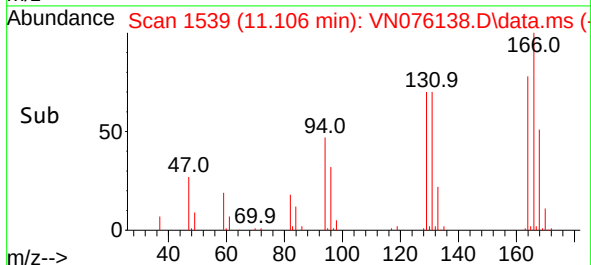
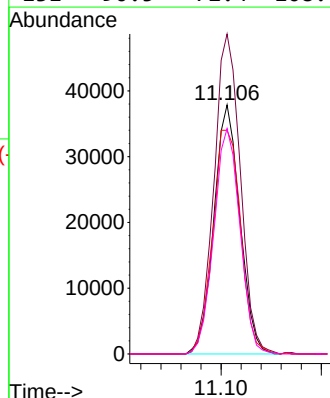
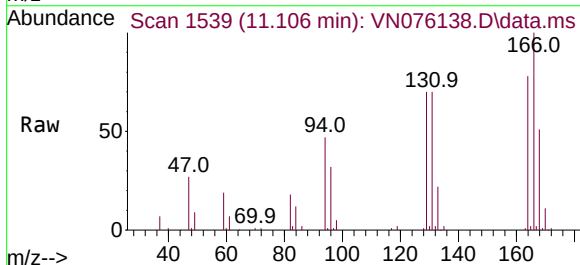
Instrument :
MSVOA_N
ClientSampleId :
MH-F

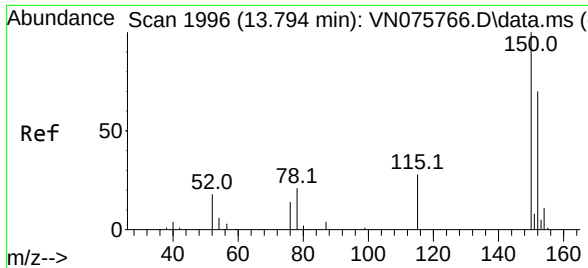
Tgt Ion:117 Resp: 467820
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 20.698 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

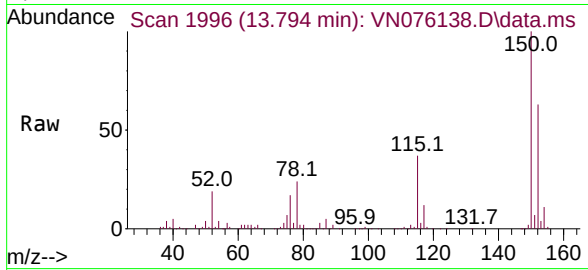
Tgt Ion:164 Resp: 68137
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 89.7 74.2 111.2
131 90.5 72.4 108.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076138.D
Acq: 06 Jan 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
MH-F



Tgt Ion:	152	Resp:	190053
Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.4
150	156.4	0.0	347.0

