

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076378.D
 Acq On : 24 Jan 2023 13:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 25 00:38:10 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)

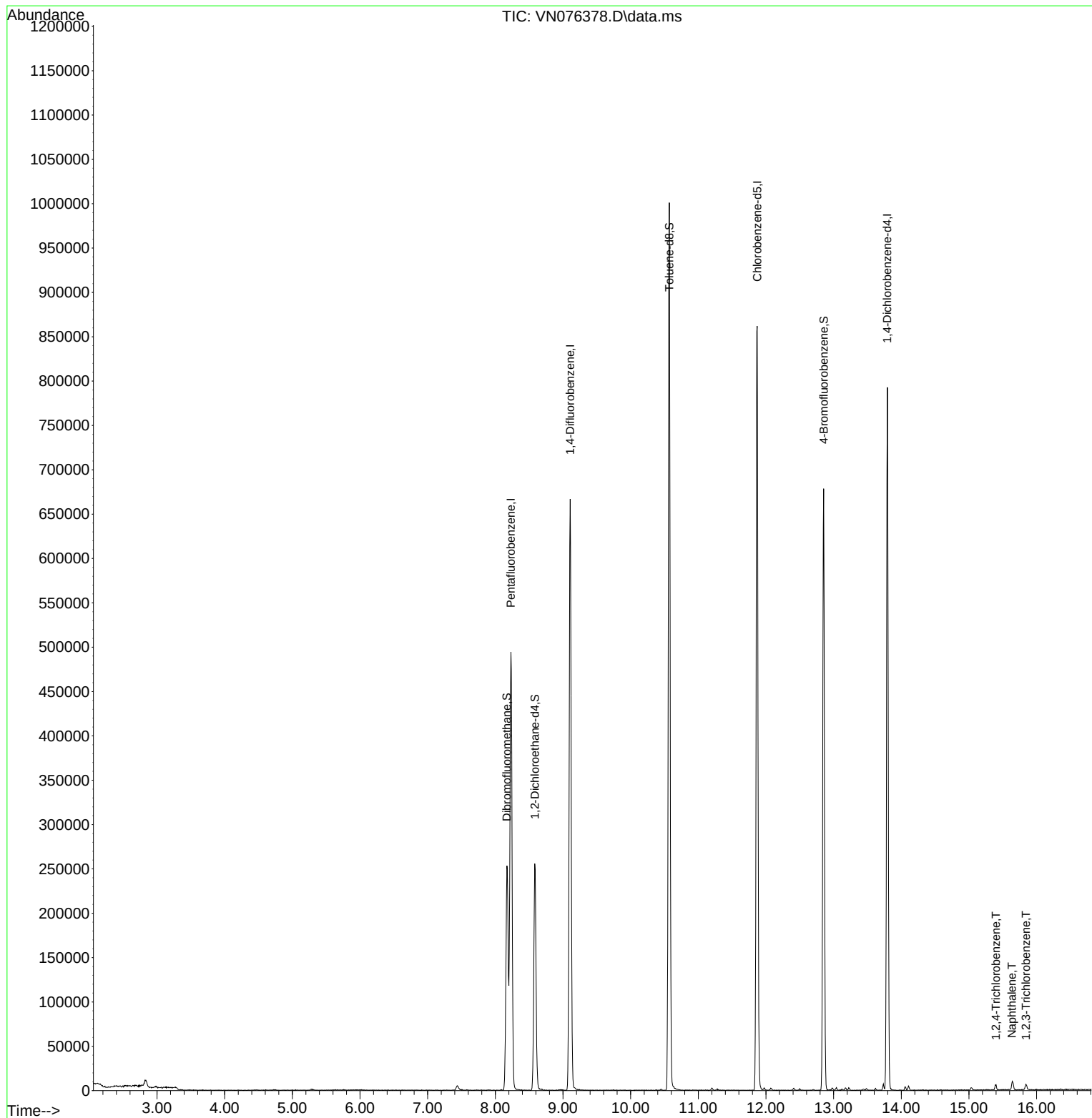
Internal Standards						
1) Pentafluorobenzene	8.229	168	377529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	609882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	535294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212028	50.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.320%	
35) Dibromofluoromethane	8.171	113	182470	47.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.660%	
50) Toluene-d8	10.571	98	696085	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.853	95	226197	49.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.400	180	2442	1.921	ug/l	91
95) Naphthalene	15.635	128	10527	2.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2811	1.900	ug/l	98

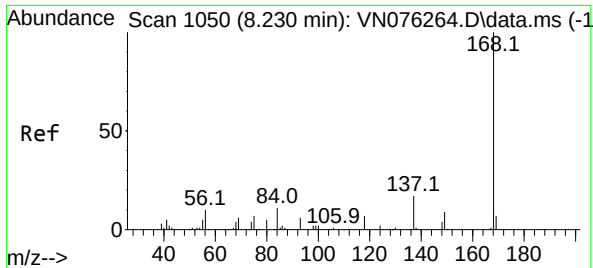
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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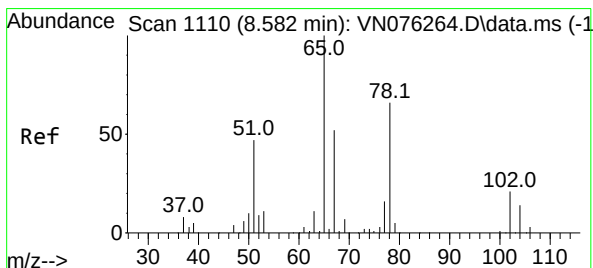
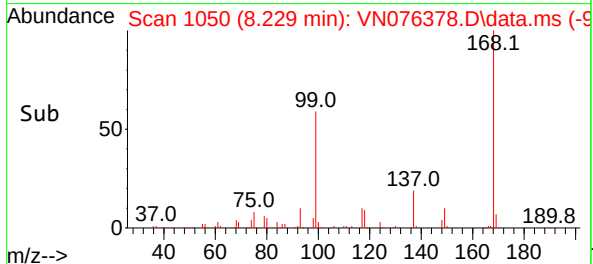
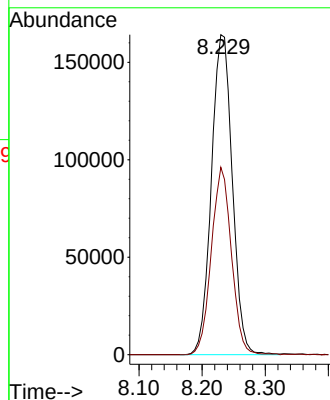
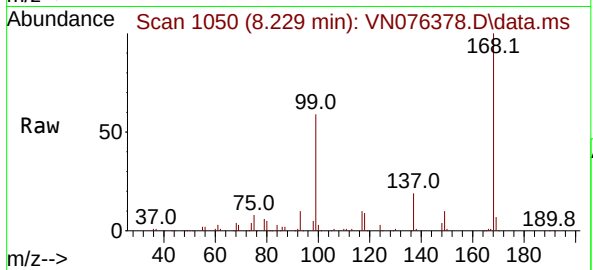




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

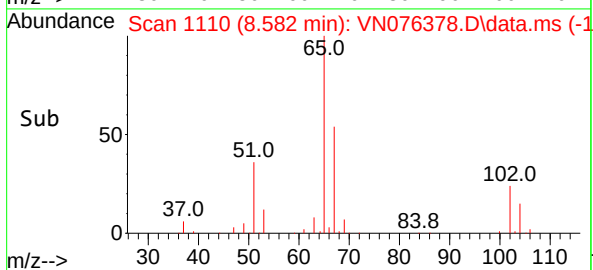
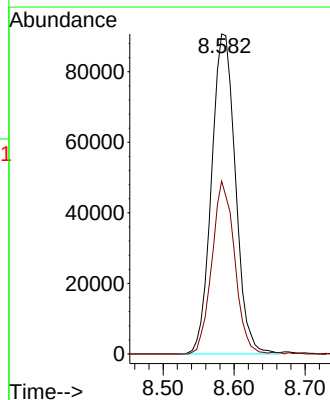
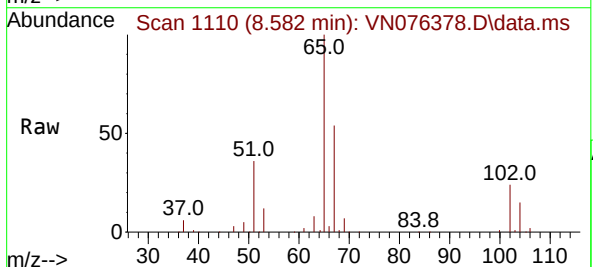
Instrument :
MSVOA_N
ClientSampleId :
IBLK

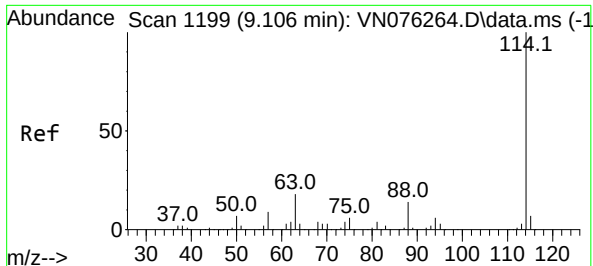
Tgt Ion:168 Resp: 377529
Ion Ratio Lower Upper
168 100
99 58.5 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.159 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 65 Resp: 212028
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076378.D

Acq: 24 Jan 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

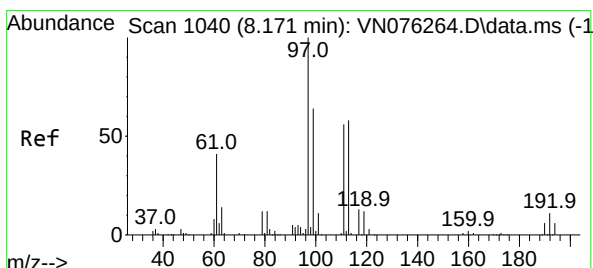
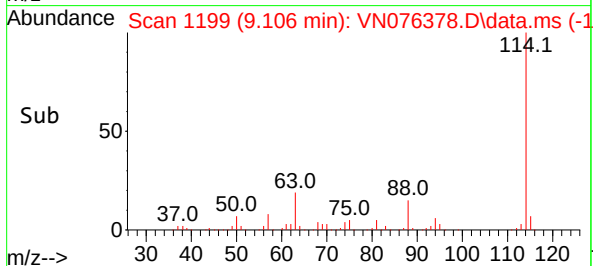
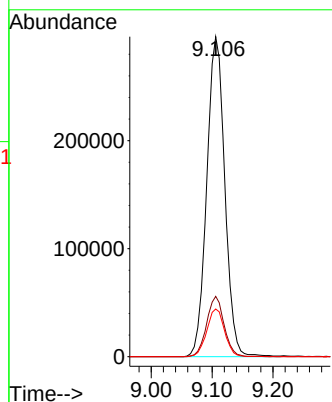
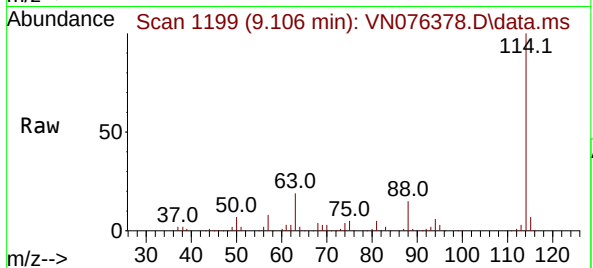
Tgt Ion:114 Resp: 609882

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.829 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

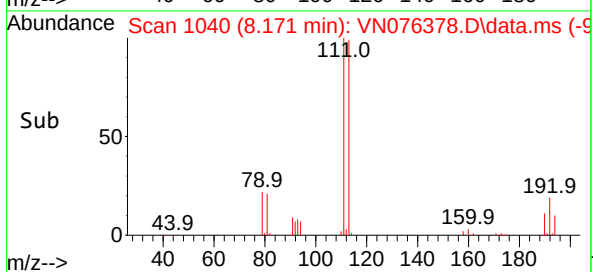
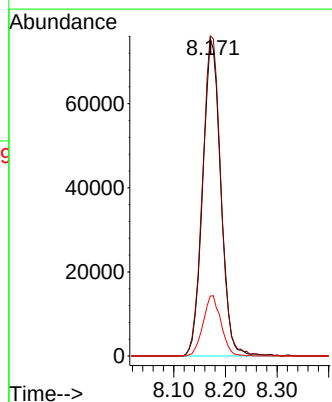
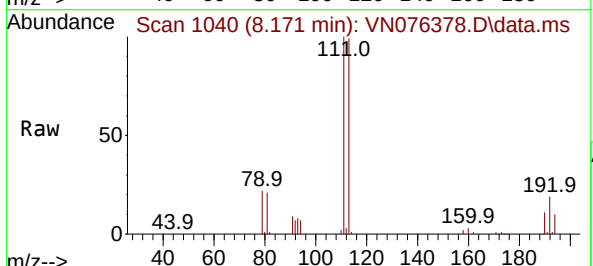
Tgt Ion:113 Resp: 182470

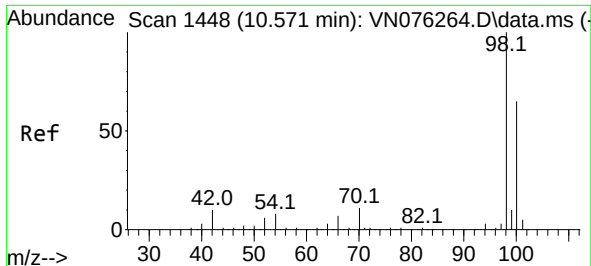
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 18.9 15.6 23.4

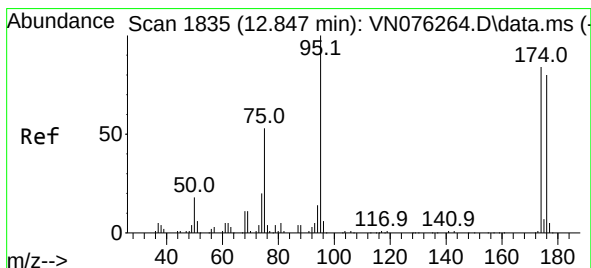
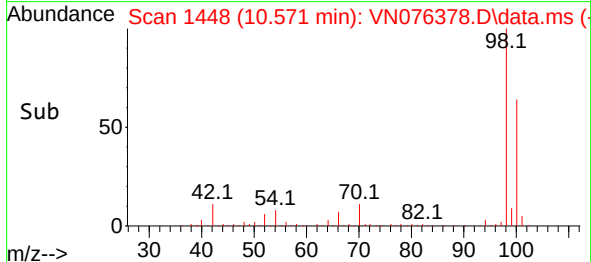
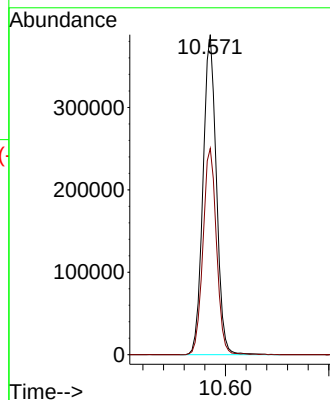
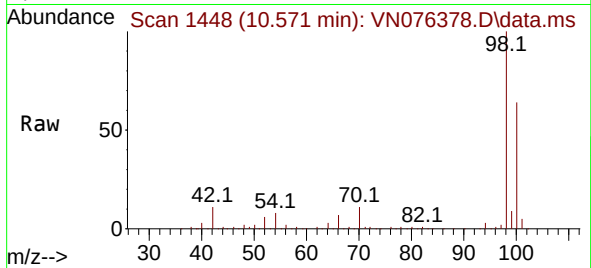




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

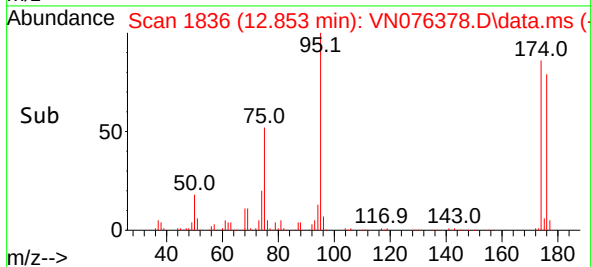
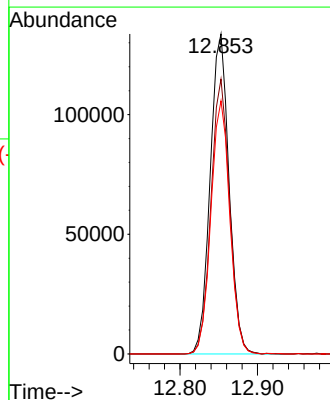
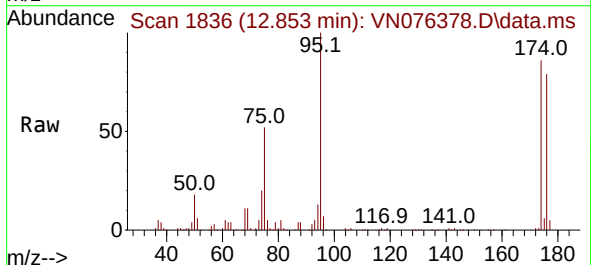
Instrument :
MSVOA_N
ClientSampleId :
IBLK

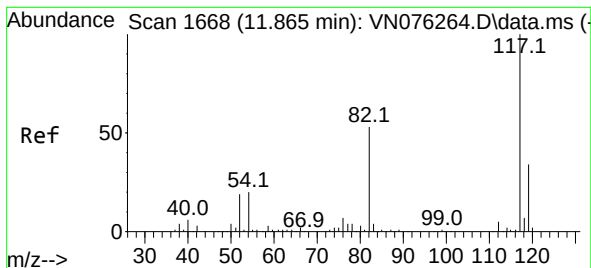
Tgt Ion: 98 Resp: 696085
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 95 Resp: 226197
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.6
176 79.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

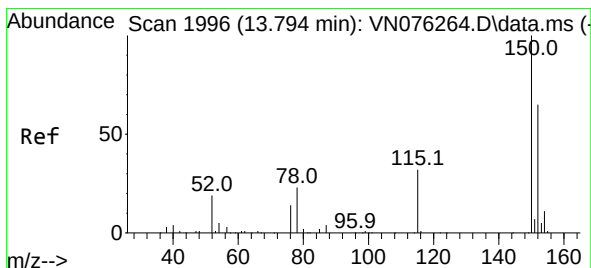
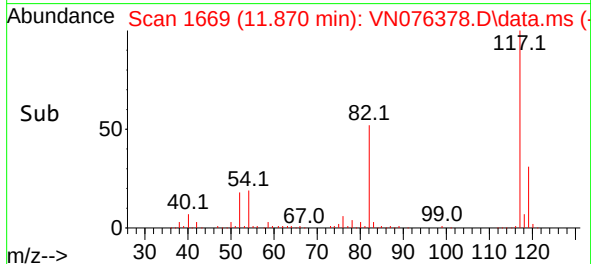
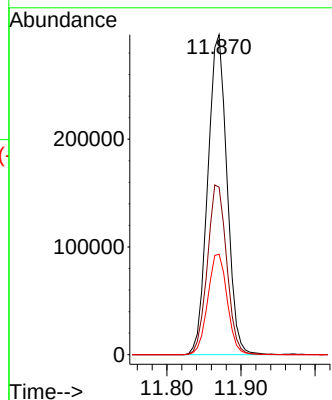
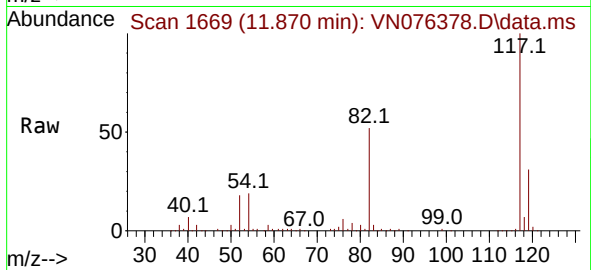
Tgt Ion:117 Resp: 535294

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.2

119 31.4 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: VN076378.D

Acq: 24 Jan 2023 13:29

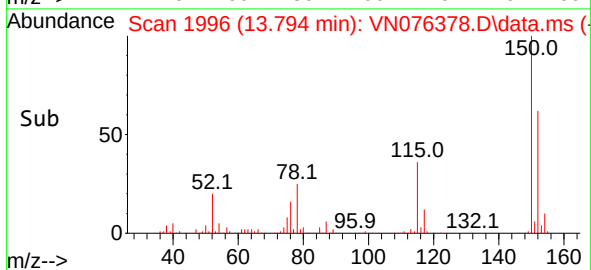
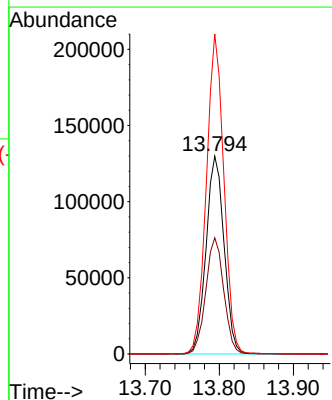
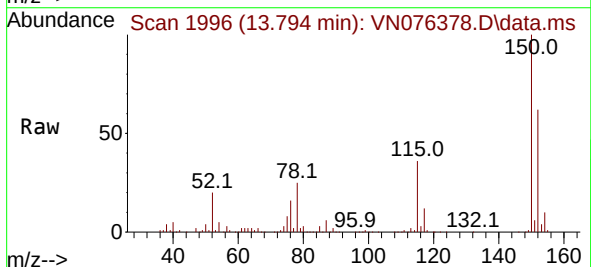
Tgt Ion:152 Resp: 220107

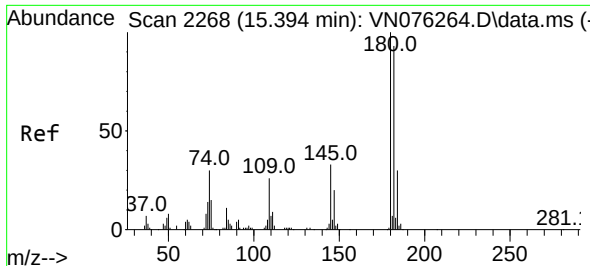
Ion Ratio Lower Upper

152 100

115 58.4 29.6 88.9

150 156.6 0.0 351.4

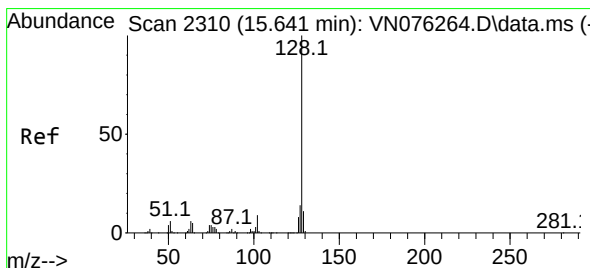
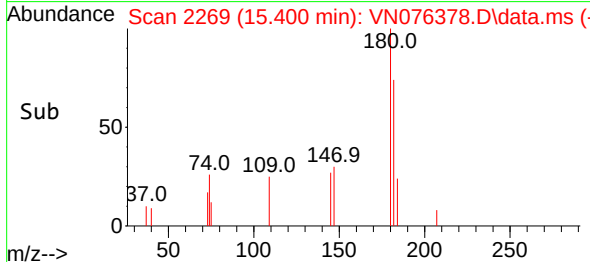
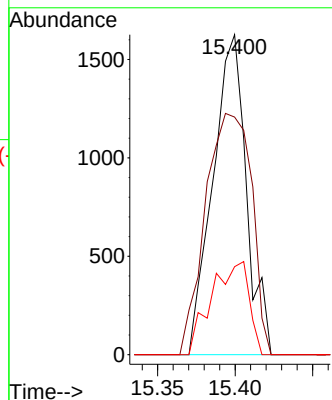
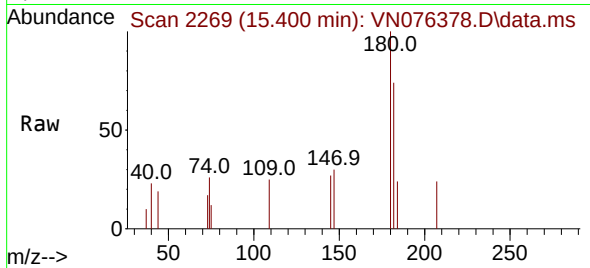




#93
1,2,4-Trichlorobenzene
Concen: 1.921 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

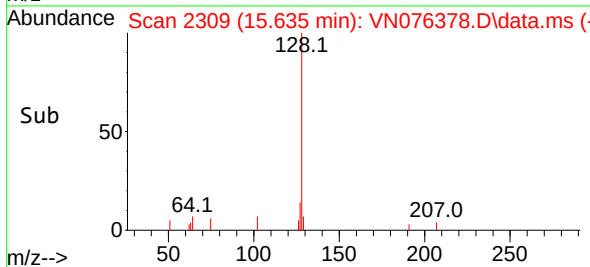
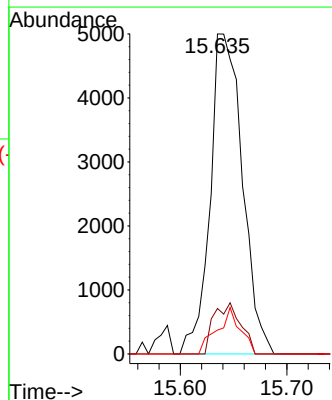
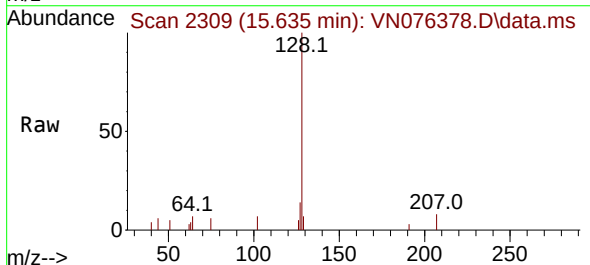
Instrument :
MSVOA_N
ClientSampleId :
IBLK

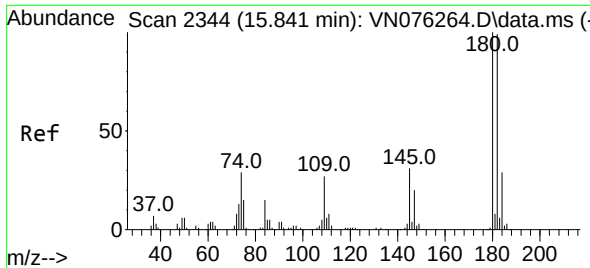
Tgt Ion:180 Resp: 2442
Ion Ratio Lower Upper
180 100
182 103.8 47.0 141.2
145 32.7 15.2 45.5



#95
Naphthalene
Concen: 2.726 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion:128 Resp: 10527
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.900 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076378.D
 Acq: 24 Jan 2023 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	2811
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.5
145	33.3	15.9	47.6

