

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076531.D
 Acq On : 03 Feb 2023 14:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 03 23:02:52 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)

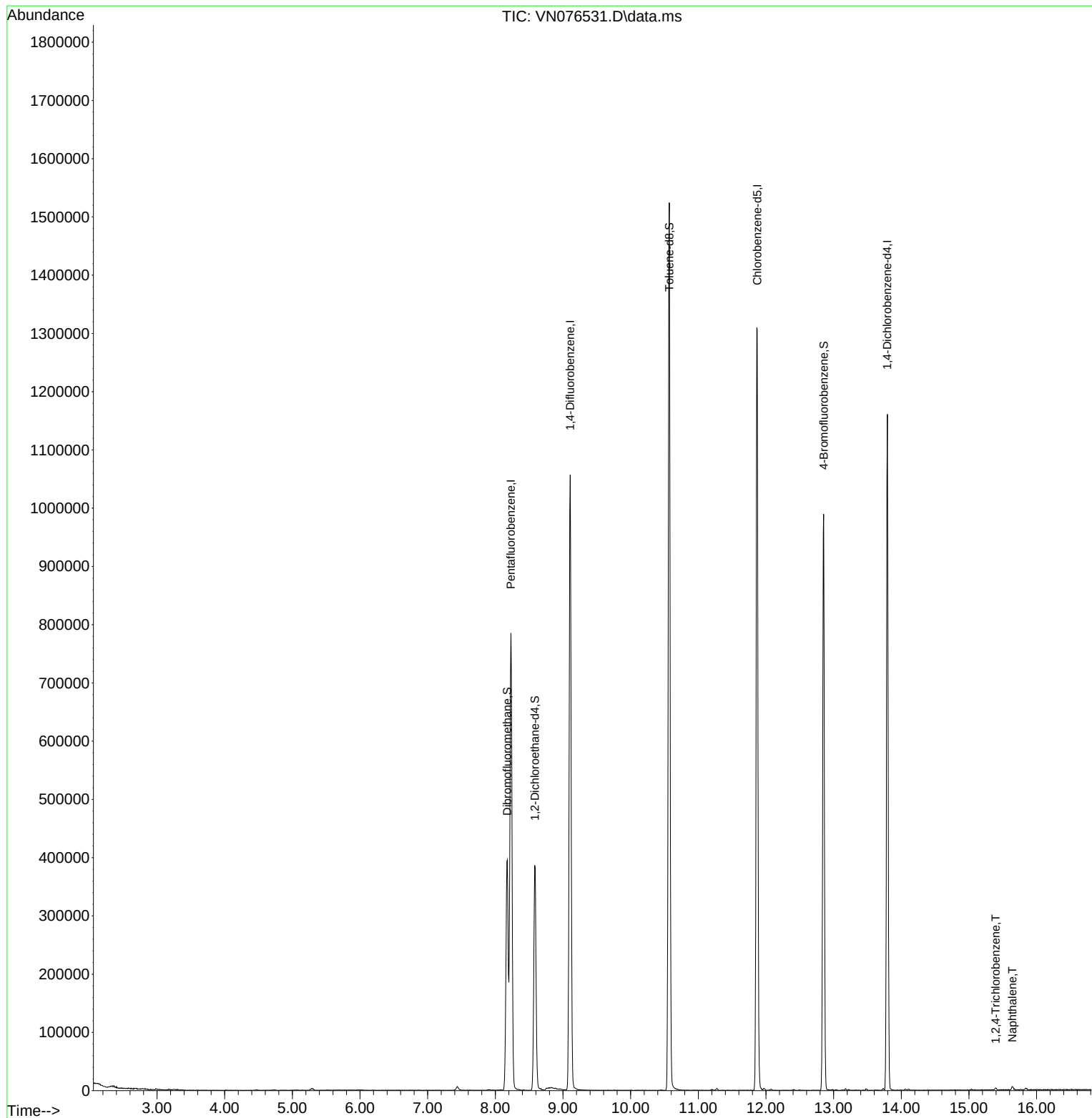
Internal Standards						
1) Pentafluorobenzene	8.229	168	596977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	970873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	825929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	337134	50.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.880%
35) Dibromofluoromethane	8.177	113	291120	47.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	10.570	98	1105077	49.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.853	95	356825	48.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	15.394	180	1311	1.530	ug/l	91
95) Naphthalene	15.641	128	6410	2.206	ug/l #	91

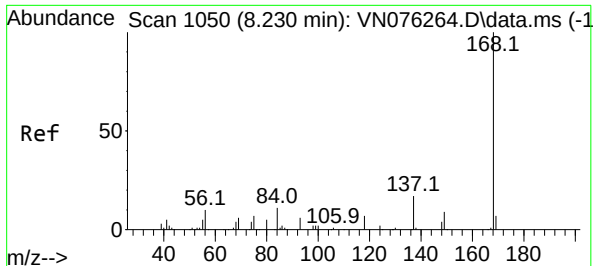
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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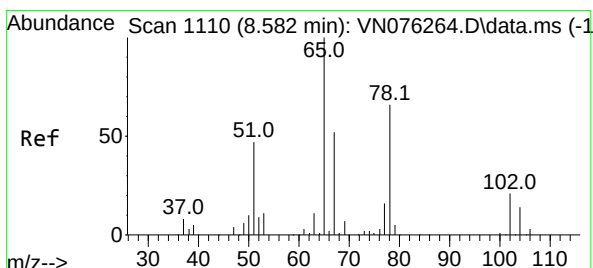
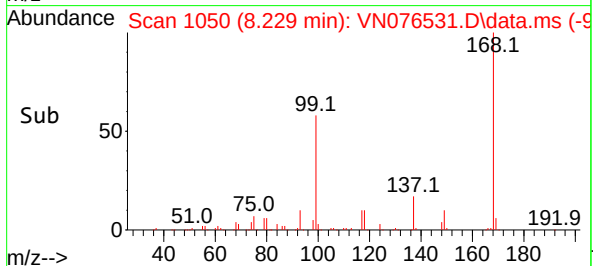
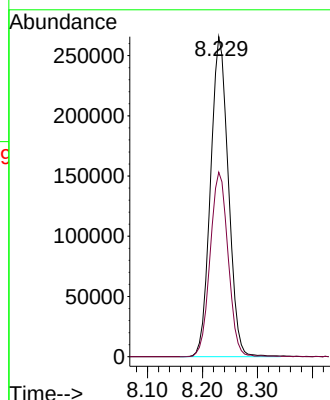
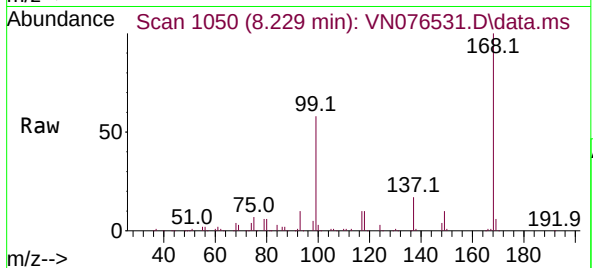




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

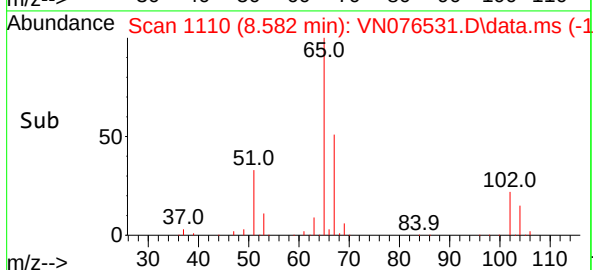
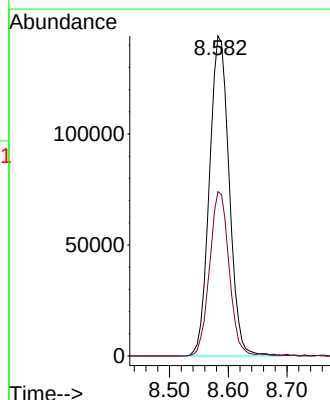
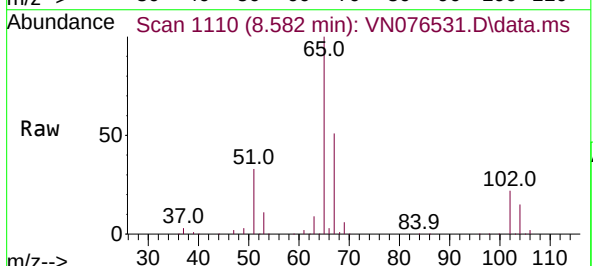
Instrument :
MSVOA_N
ClientSampleId :
IBLK

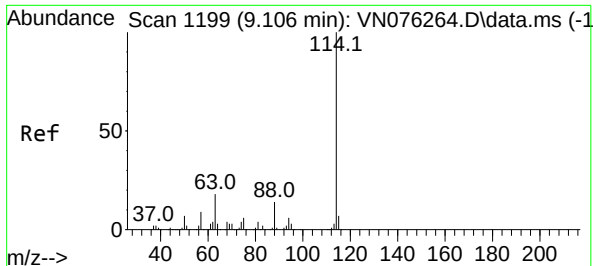
Tgt Ion:168 Resp: 596977
Ion Ratio Lower Upper
168 100
99 57.7 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.437 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

Tgt Ion: 65 Resp: 337134
Ion Ratio Lower Upper
65 100
67 50.5 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: VN076531.D

Acq: 03 Feb 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

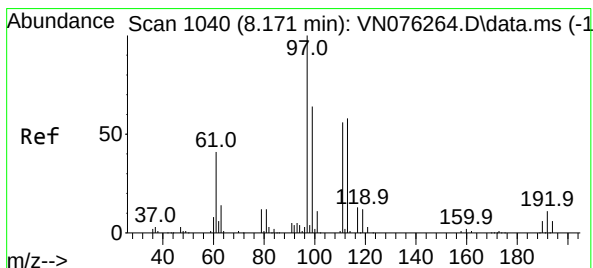
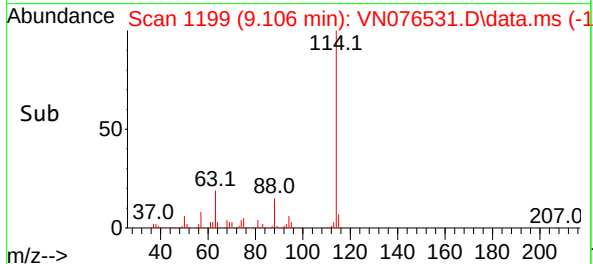
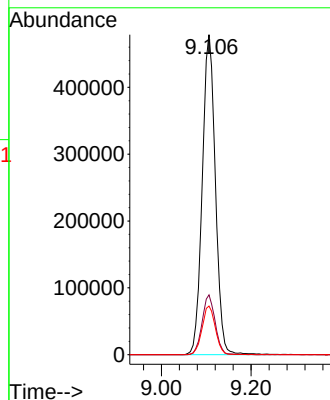
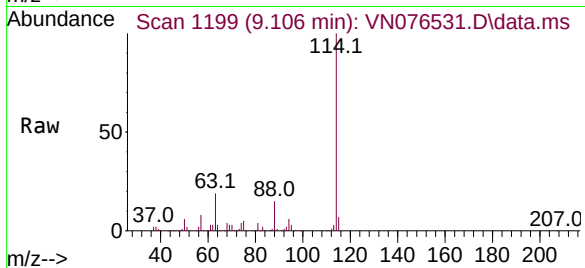
Tgt Ion:114 Resp: 970873

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.935 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076531.D

Acq: 03 Feb 2023 14:35

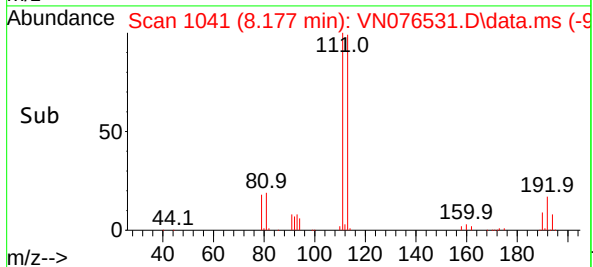
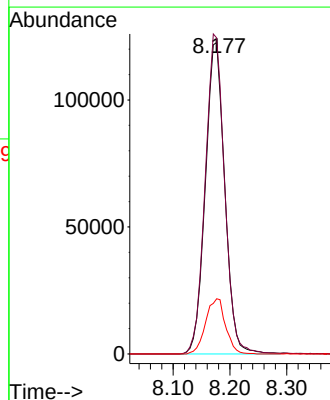
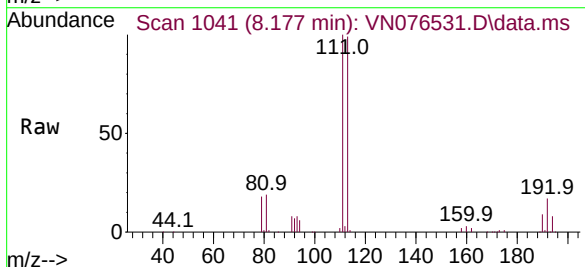
Tgt Ion:113 Resp: 291120

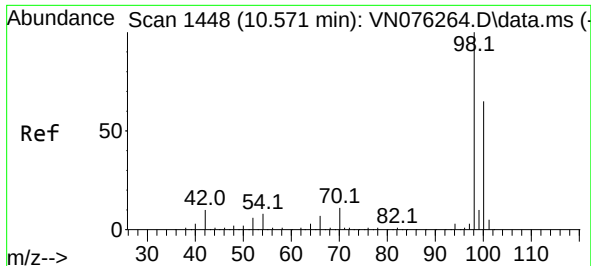
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 18.2 15.6 23.4

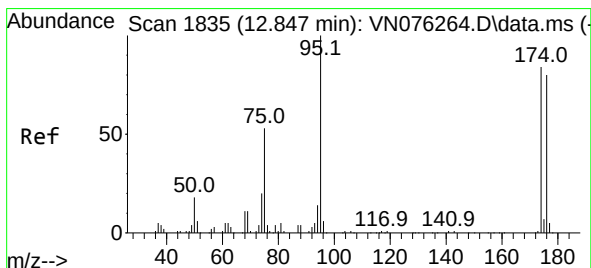
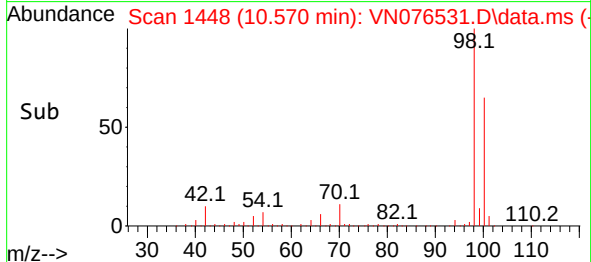
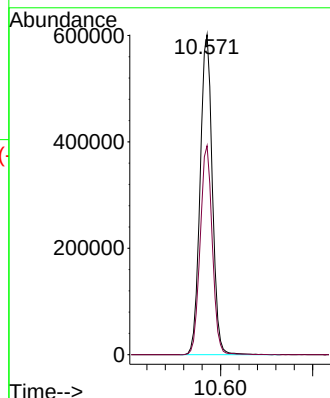
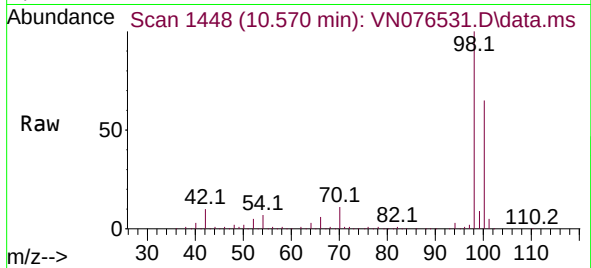




#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

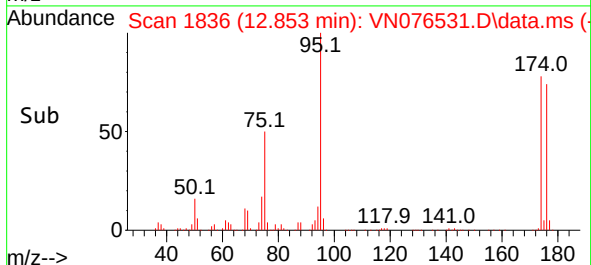
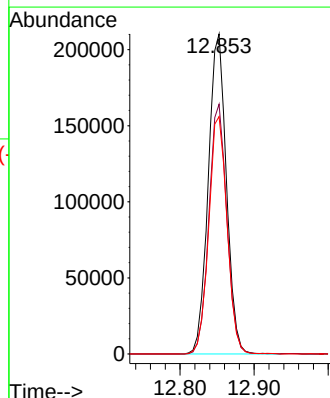
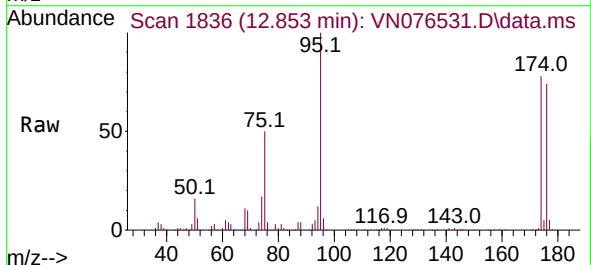
Instrument :
MSVOA_N
ClientSampleId :
IBLK

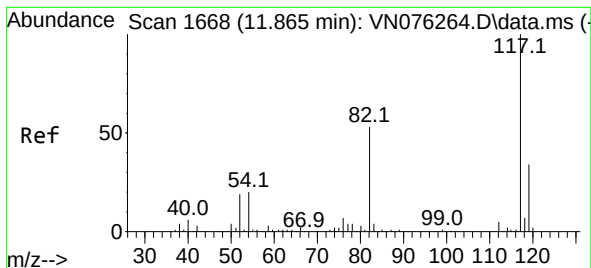
Tgt Ion: 98 Resp: 1105077
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.733 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

Tgt Ion: 95 Resp: 356825
Ion Ratio Lower Upper
95 100
174 77.4 0.0 174.6
176 74.8 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN076531.D

Acq: 03 Feb 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

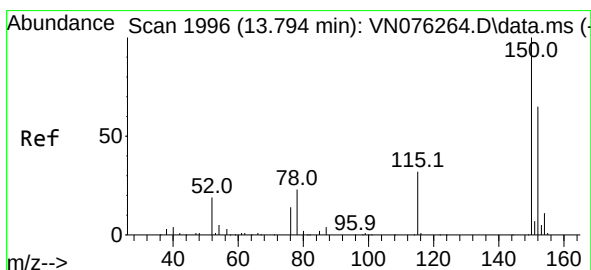
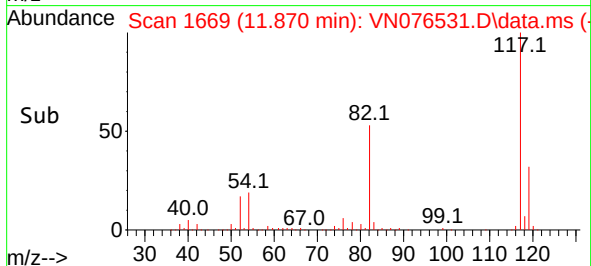
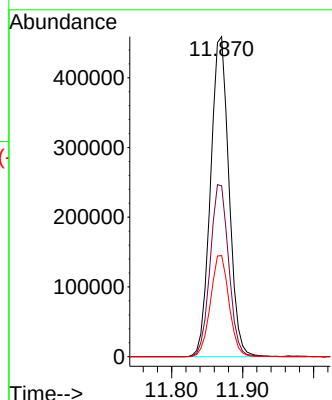
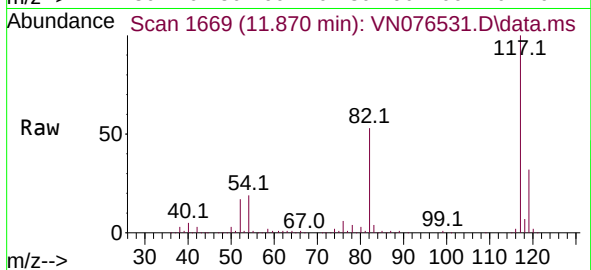
Tgt Ion:117 Resp: 825929

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.2

119 31.6 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: VN076531.D

Acq: 03 Feb 2023 14:35

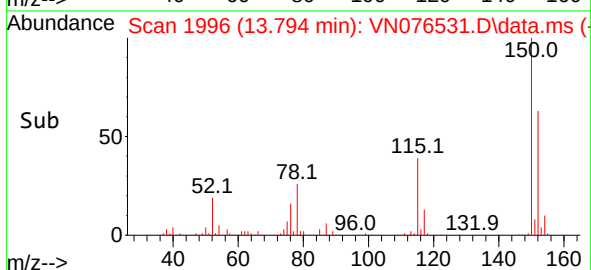
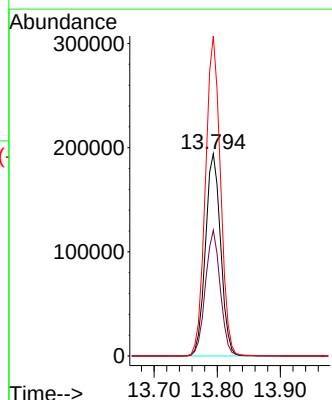
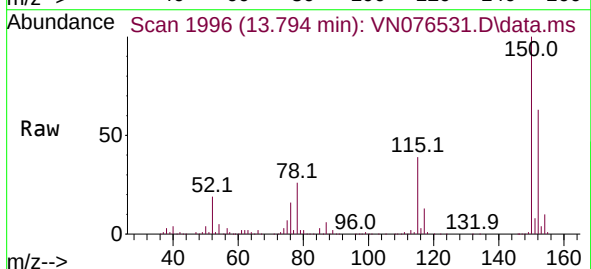
Tgt Ion:152 Resp: 323957

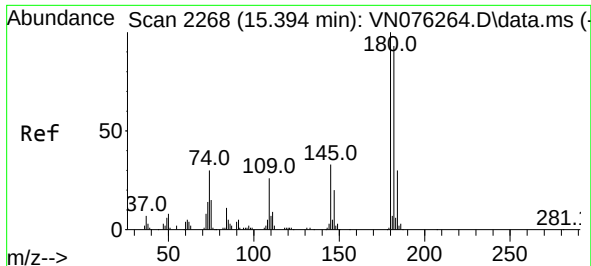
Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.9

150 156.8 0.0 351.4

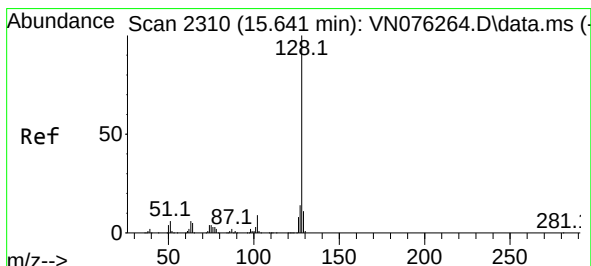
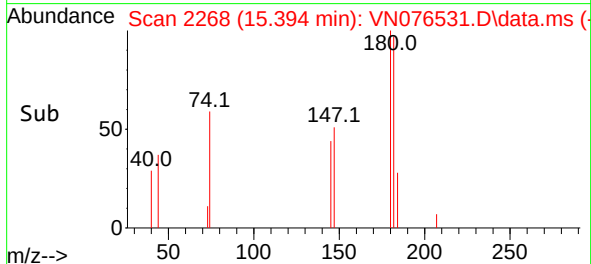
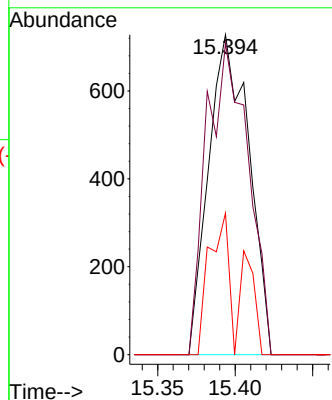
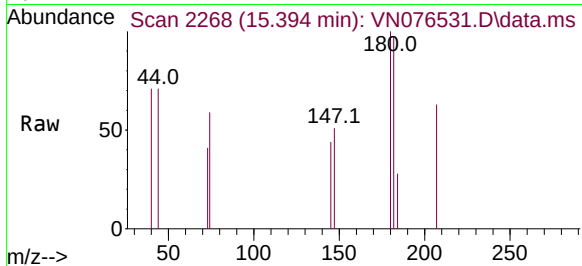




#93
1,2,4-Trichlorobenzene
Concen: 1.530 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 1311
Ion Ratio Lower Upper
180 100
182 101.0 47.0 141.2
145 21.6 15.2 45.5



#95
Naphthalene
Concen: 2.206 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076531.D
Acq: 03 Feb 2023 14:35

Tgt Ion:128 Resp: 6410
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 4.7 8.6 13.0#

