

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077361.D
 Acq On : 17 Apr 2023 16:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:42:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

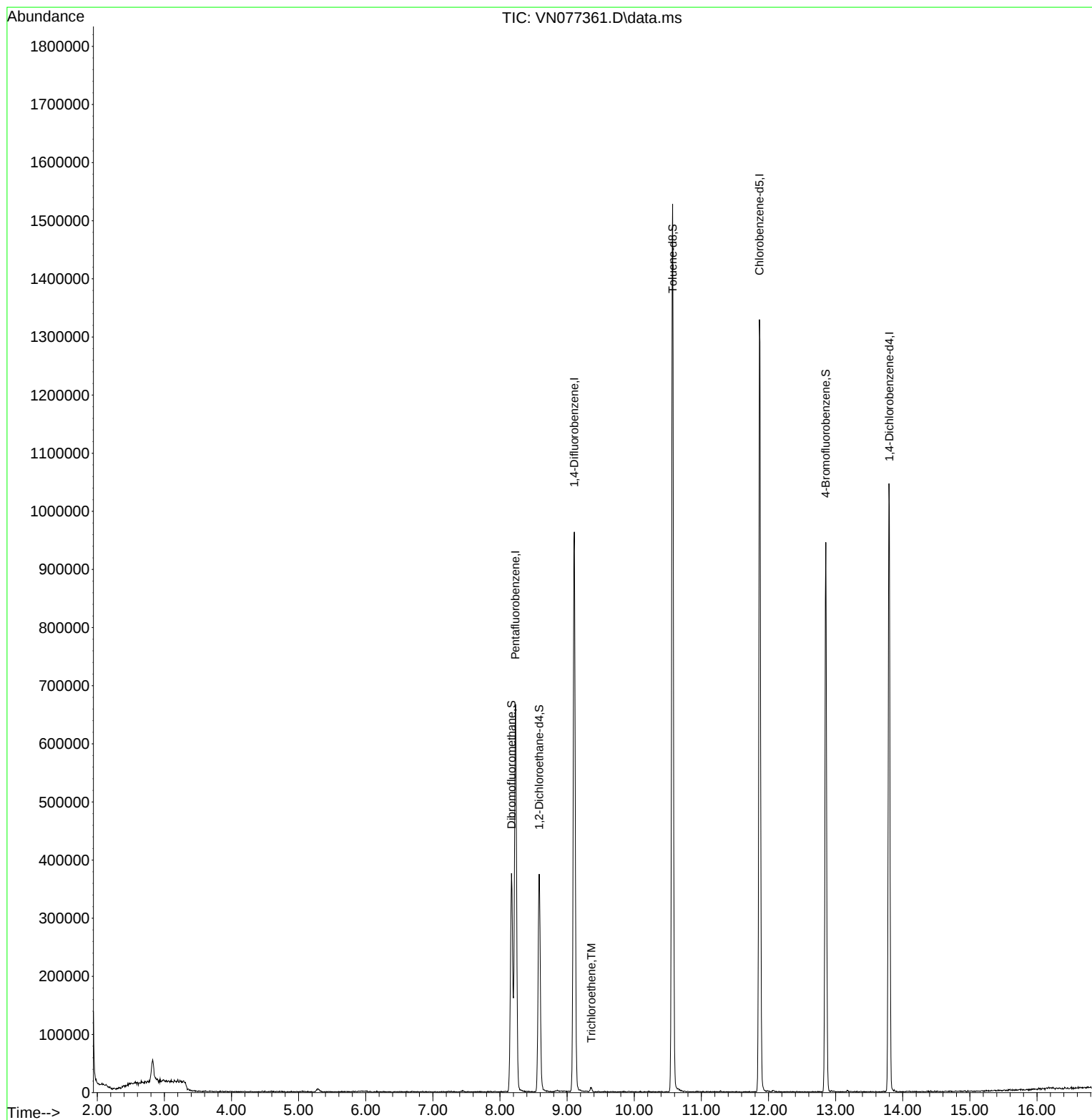
Internal Standards						
1) Pentafluorobenzene	8.230	168	481404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	898537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	804571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	286924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	295620	44.930	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.860%
35) Dibromofluoromethane	8.172	113	270661	47.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.571	98	1107765	47.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.854	95	329572	42.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.580%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.360	130	2362	0.372	ug/l	76

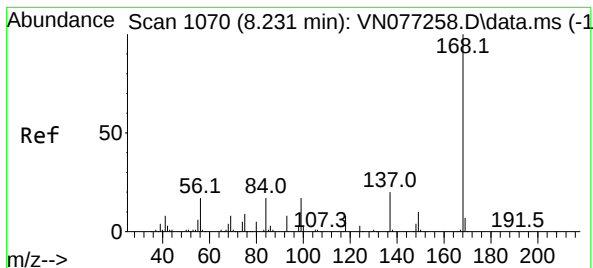
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.001 min

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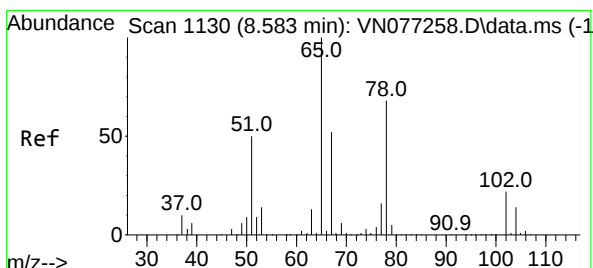
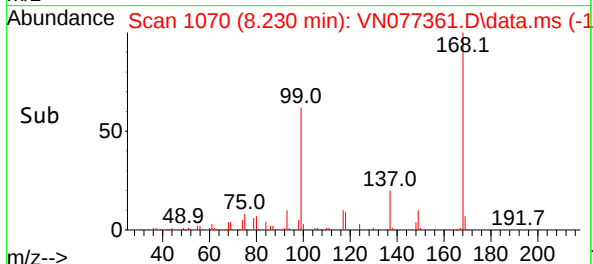
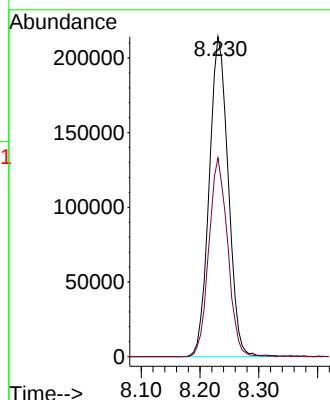
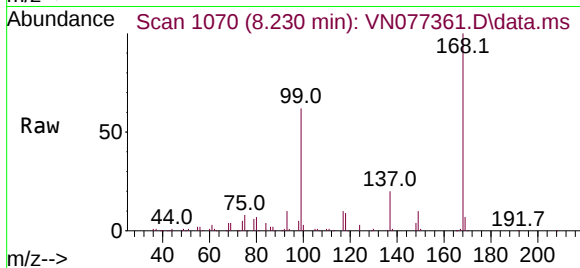
IBLK

Tgt Ion:168 Resp: 481404

Ion Ratio Lower Upper

168 100

99 62.1 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 44.930 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077361.D

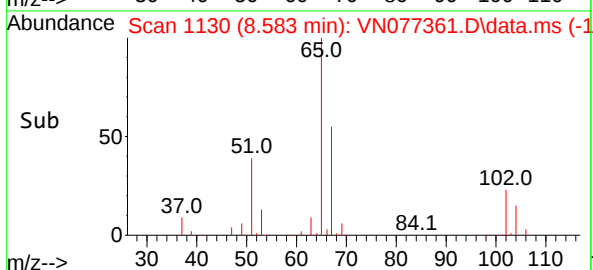
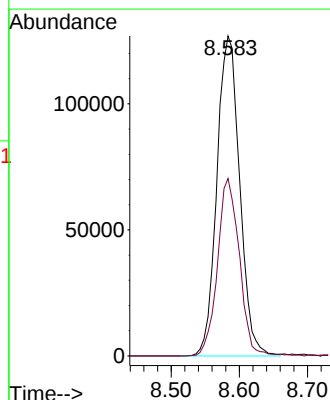
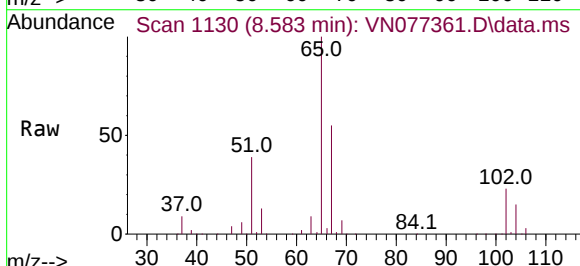
Acq: 17 Apr 2023 16:56

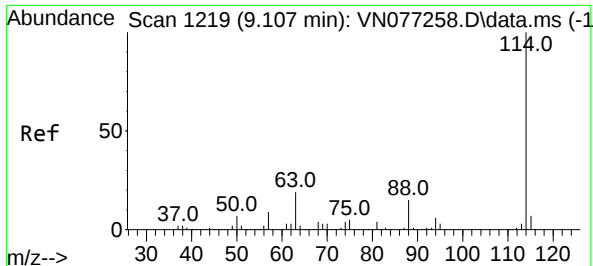
Tgt Ion: 65 Resp: 295620

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077361.D

Acq: 17 Apr 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

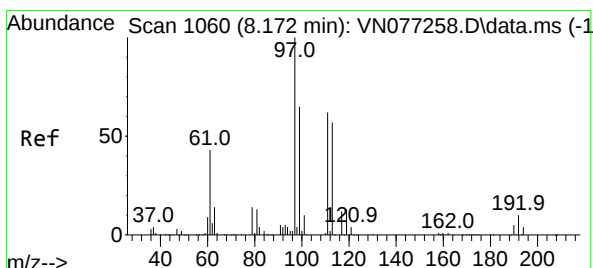
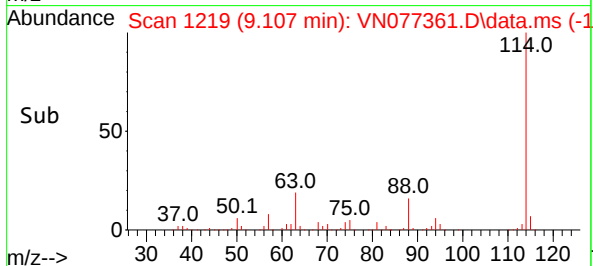
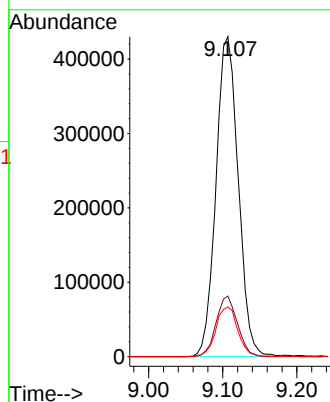
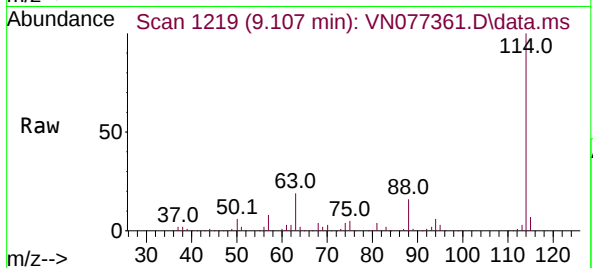
Tgt Ion:114 Resp: 898537

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

88 15.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.054 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077361.D

Acq: 17 Apr 2023 16:56

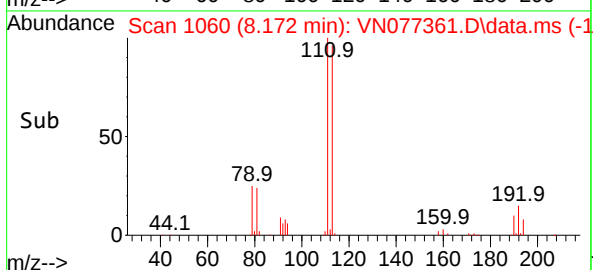
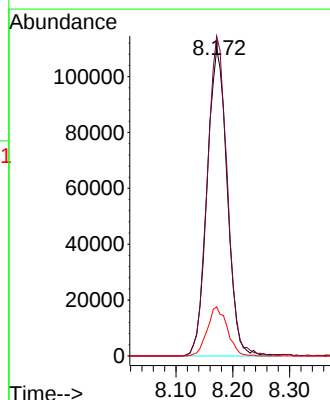
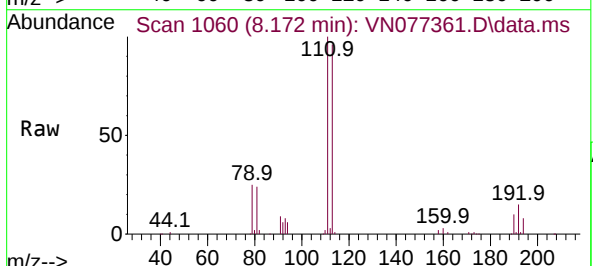
Tgt Ion:113 Resp: 270661

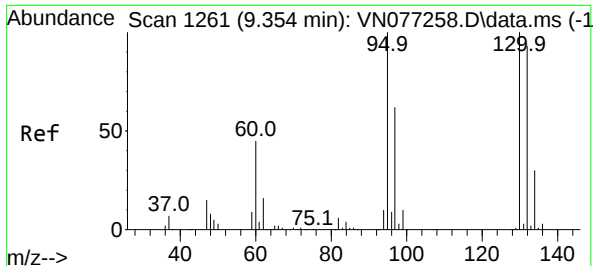
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

192 15.9 13.5 20.3





#44

Trichloroethene

Concen: 0.372 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077361.D

Acq: 17 Apr 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

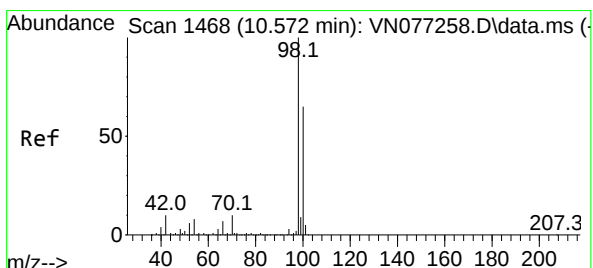
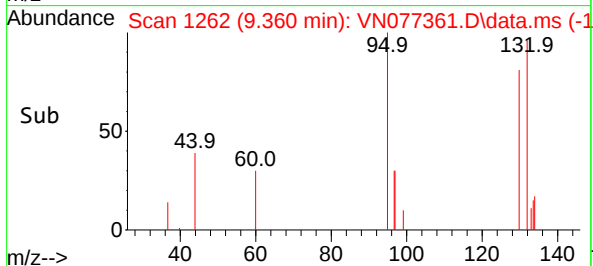
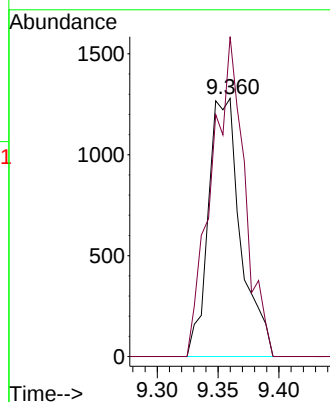
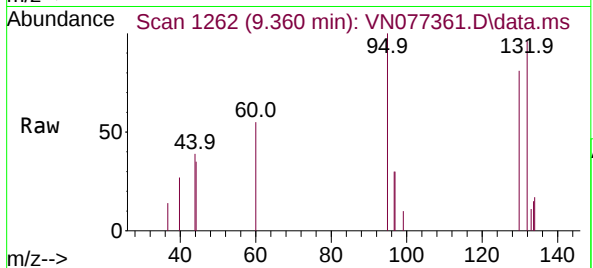
IBLK

Tgt Ion:130 Resp: 2362

Ion Ratio Lower Upper

130 100

95 123.9 0.0 200.2



#50

Toluene-d8

Concen: 47.839 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077361.D

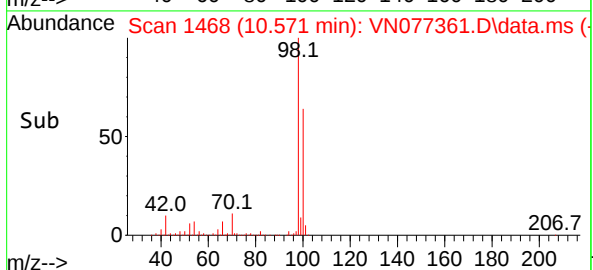
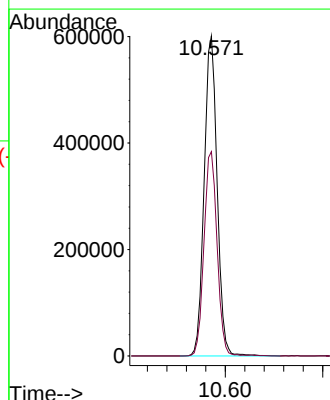
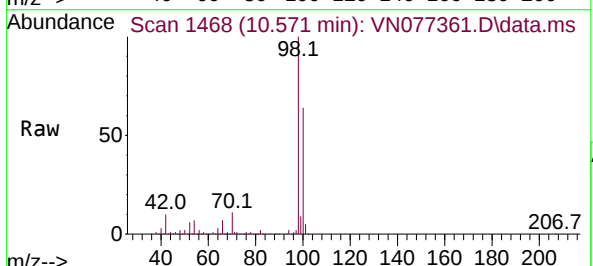
Acq: 17 Apr 2023 16:56

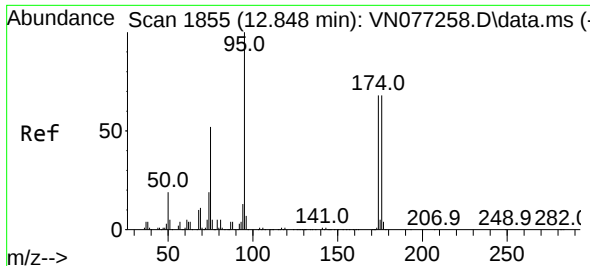
Tgt Ion: 98 Resp: 1107765

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

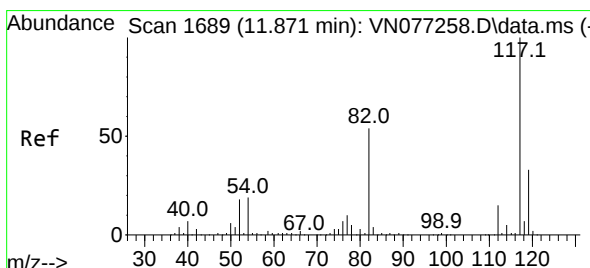
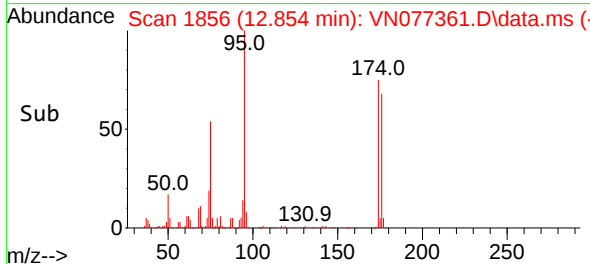
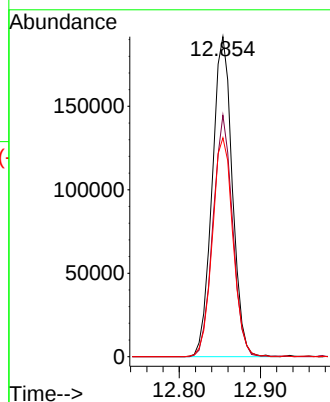
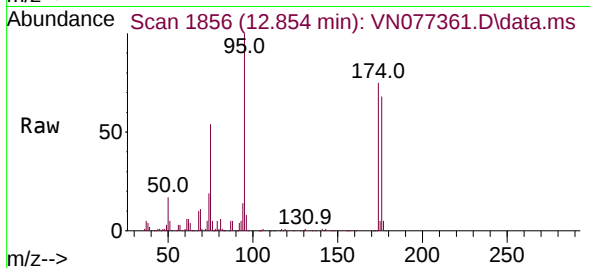




#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

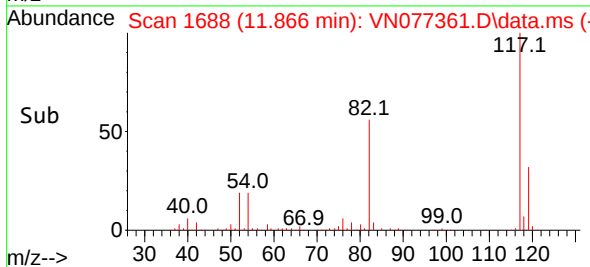
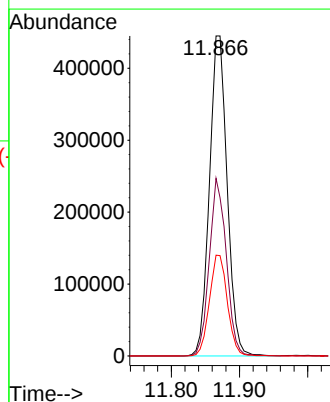
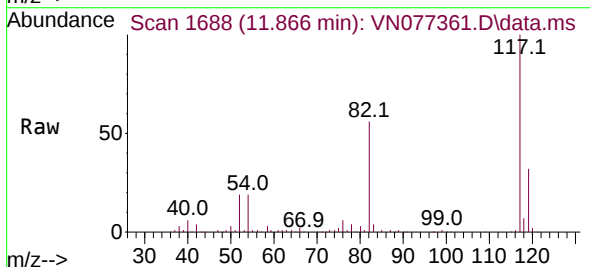
Instrument :
MSVOA_N
ClientSampleId :
IBLK

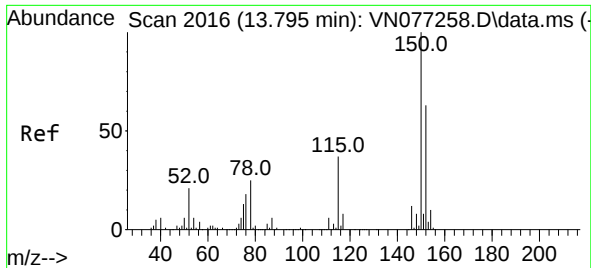
Tgt Ion: 95 Resp: 329572
Ion Ratio Lower Upper
95 100
174 73.4 0.0 146.8
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

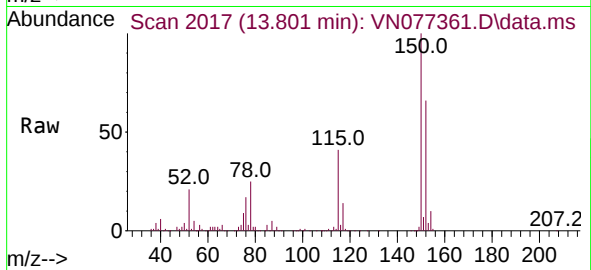
Tgt Ion: 117 Resp: 804571
Ion Ratio Lower Upper
117 100
82 55.5 42.9 64.3
119 31.5 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.801 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077361.D
 Acq: 17 Apr 2023 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 286924
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.1 96.3
 150 156.7 0.0 354.8

