

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076182.D
 Acq On : 10 Jan 2023 15:13
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jan 11 01:05:56 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)

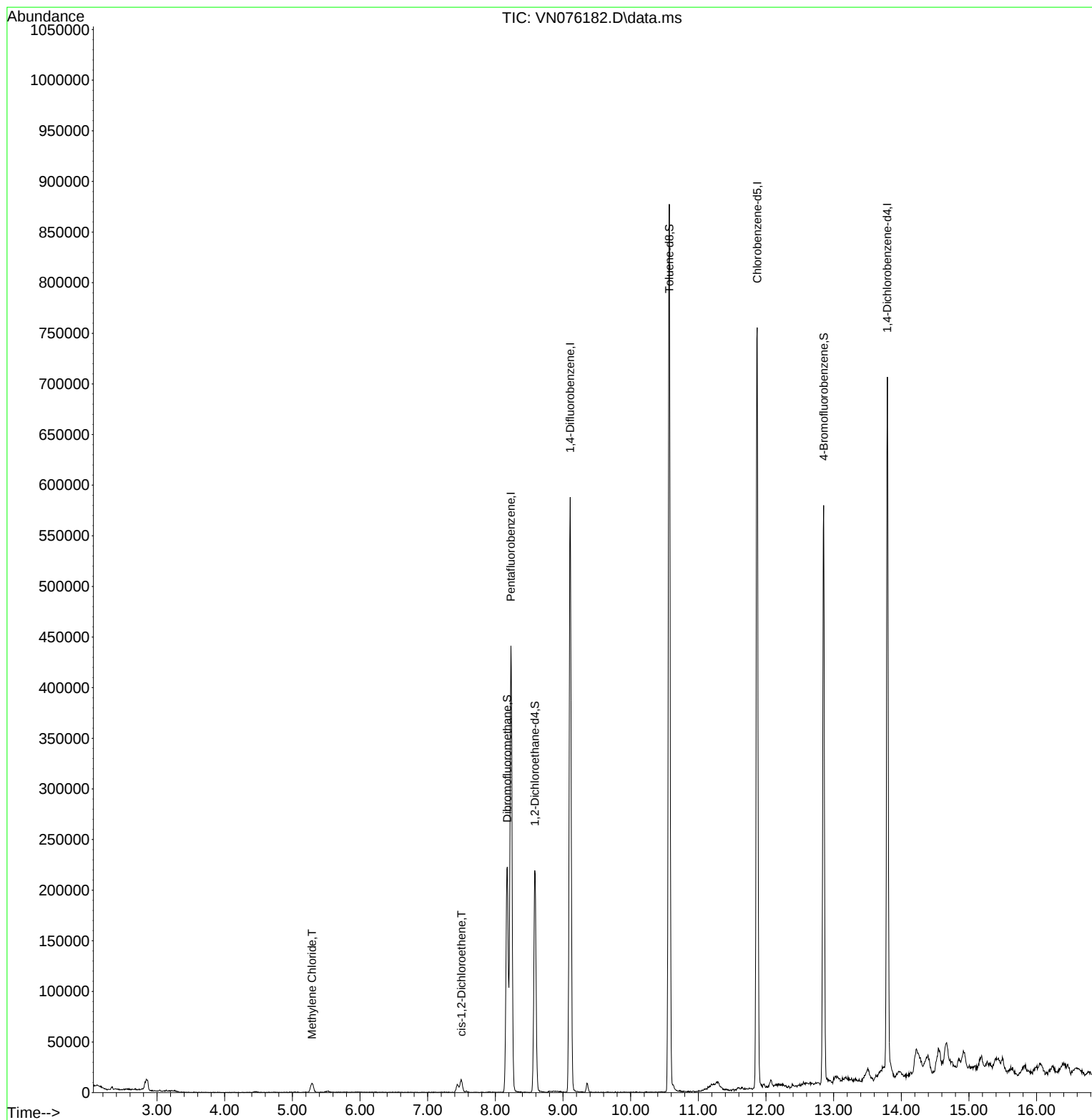
Internal Standards						
1) Pentafluorobenzene	8.230	168	337836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182063	49.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.080%
35) Dibromofluoromethane	8.177	113	160182	47.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.571	98	620098	49.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	192470	46.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.289	84	7570	1.614	ug/l	93
27) cis-1,2-Dichloroethene	7.500	96	7614	1.941	ug/l	92

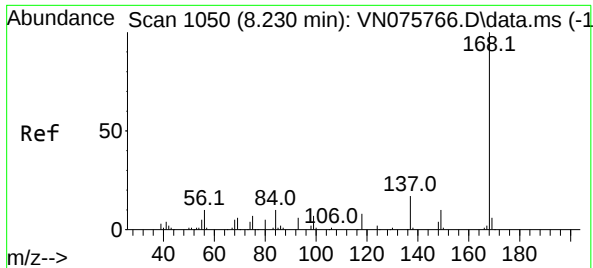
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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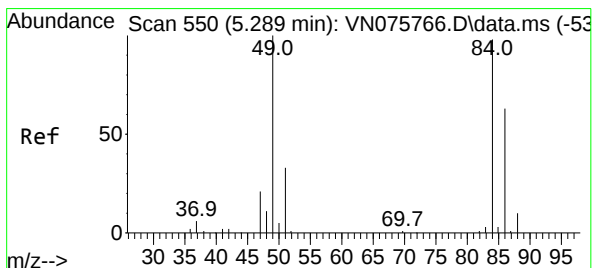
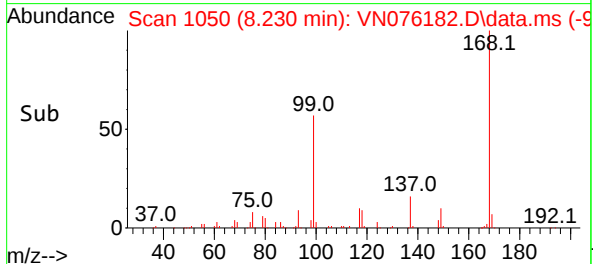
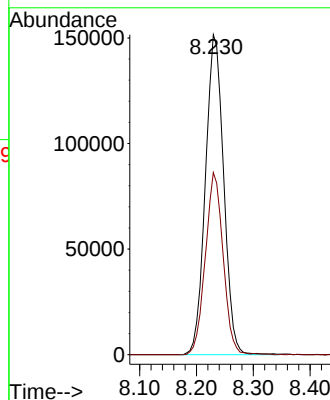
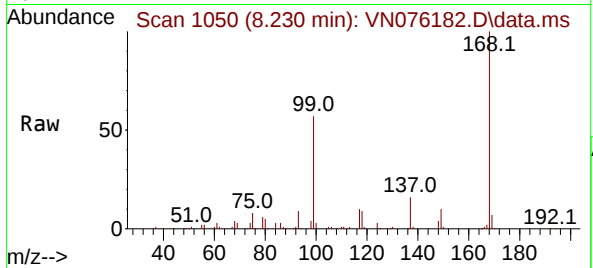




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

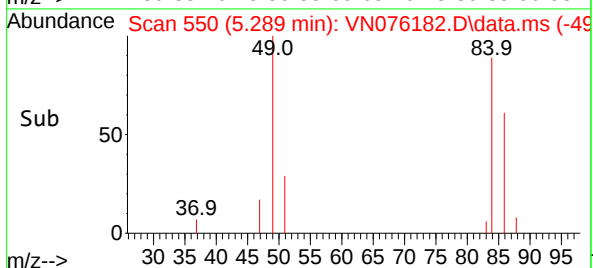
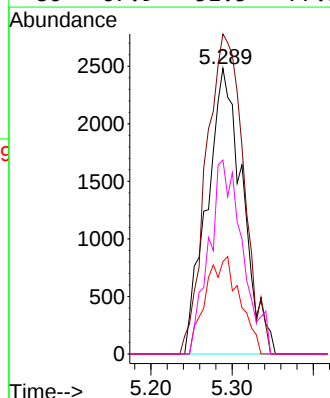
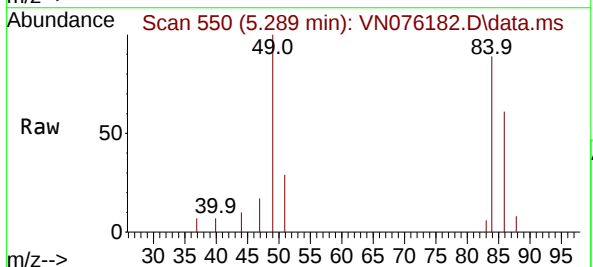
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

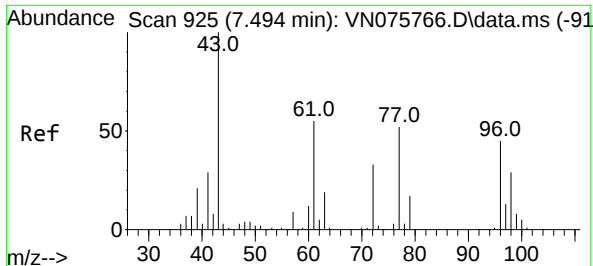
Tgt Ion:168 Resp: 337836
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#20
Methylene Chloride
Concen: 1.614 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 84 Resp: 7570
Ion Ratio Lower Upper
84 100
49 112.0 81.8 122.6
51 32.4 26.7 40.1
86 67.9 51.5 77.3

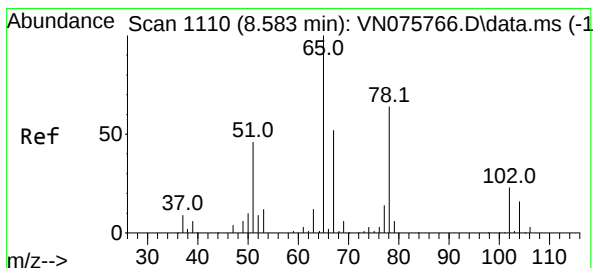
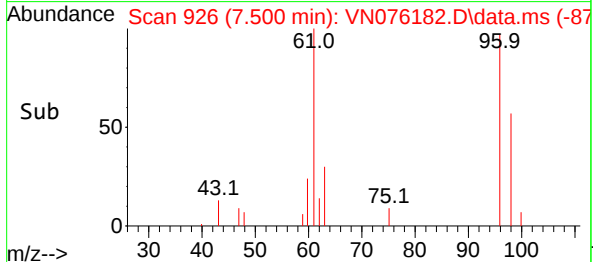
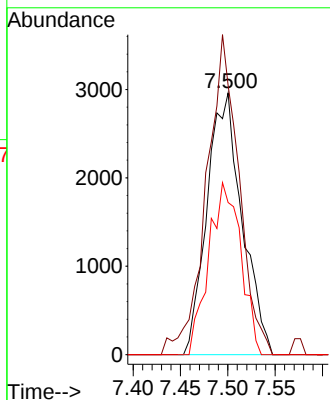
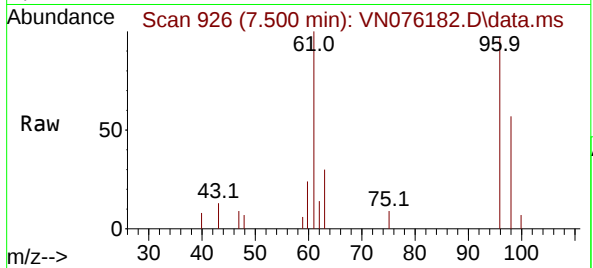




#27
 cis-1,2-Dichloroethene
 Concen: 1.941 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076182.D
 Acq: 10 Jan 2023 15:13

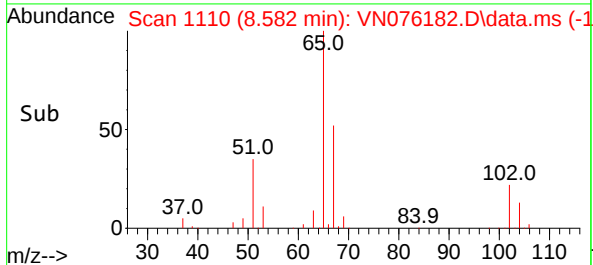
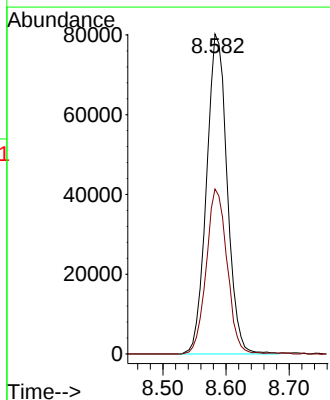
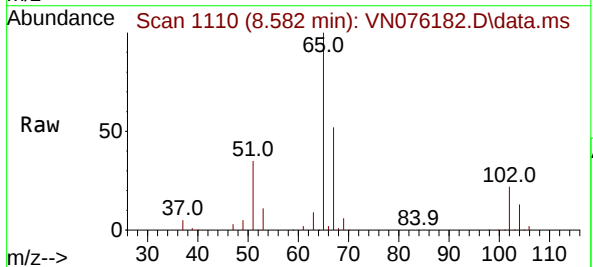
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion: 96 Resp: 7614
 Ion Ratio Lower Upper
 96 100
 61 113.4 0.0 247.8
 98 60.0 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN076182.D
 Acq: 10 Jan 2023 15:13

Tgt Ion: 65 Resp: 182063
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VN076182.D

Acq: 10 Jan 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

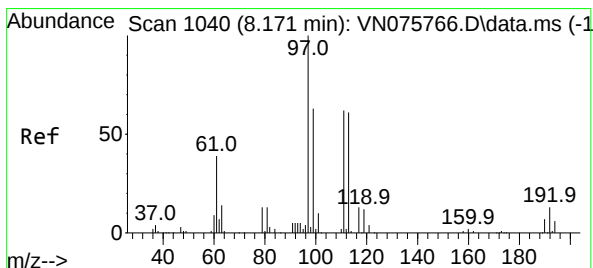
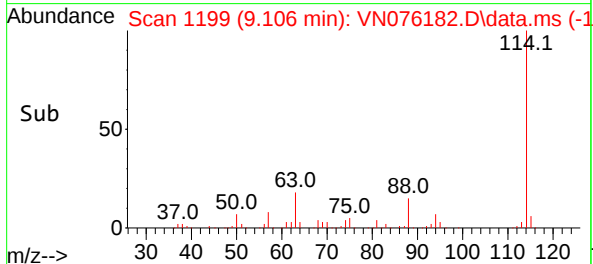
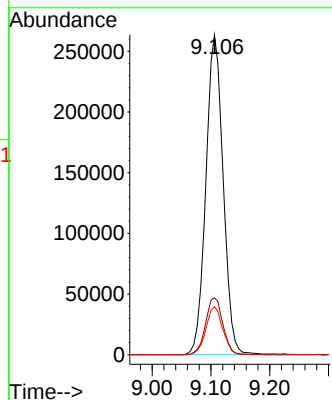
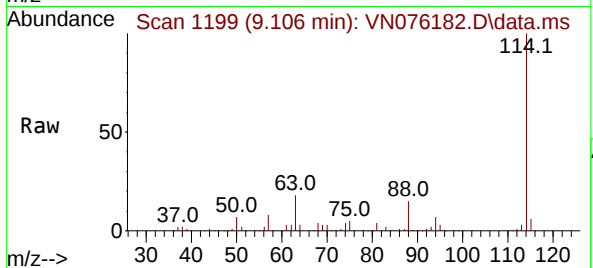
Tgt Ion:114 Resp: 539769

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.920 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

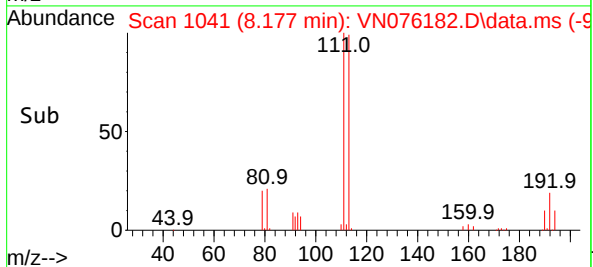
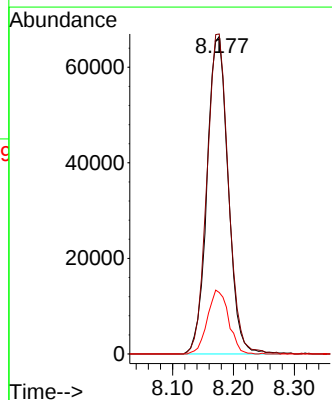
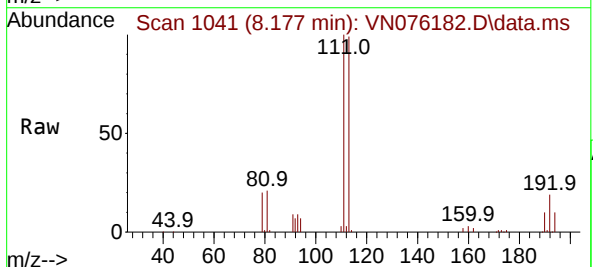
Tgt Ion:113 Resp: 160182

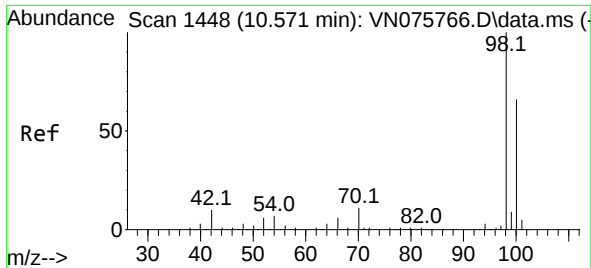
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 20.1 16.1 24.1

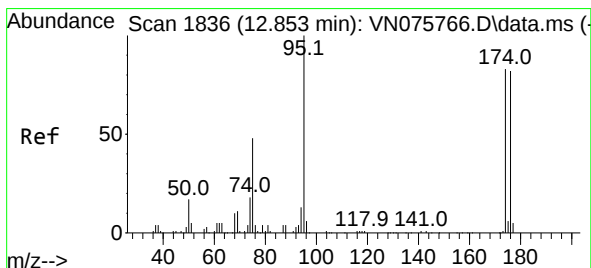
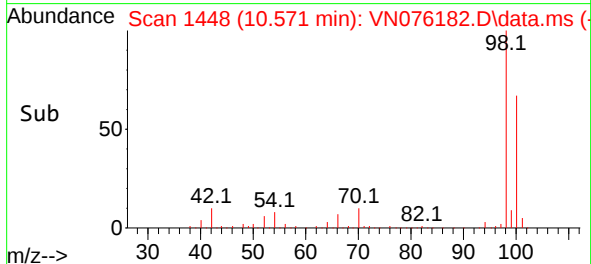
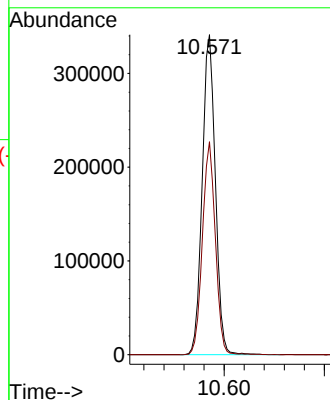
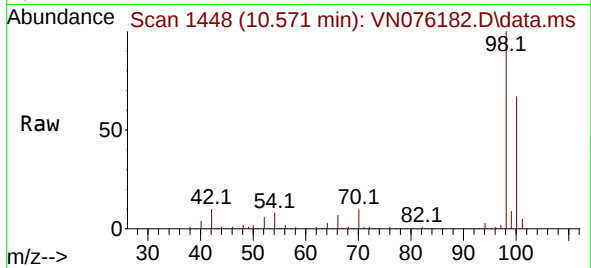




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

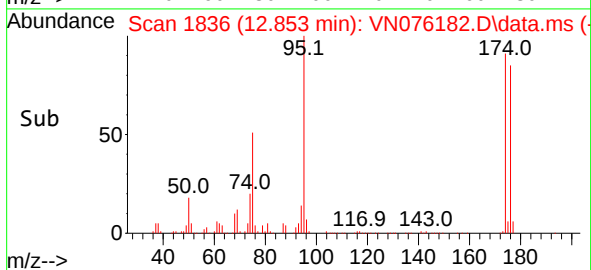
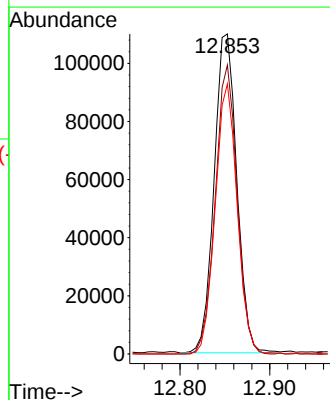
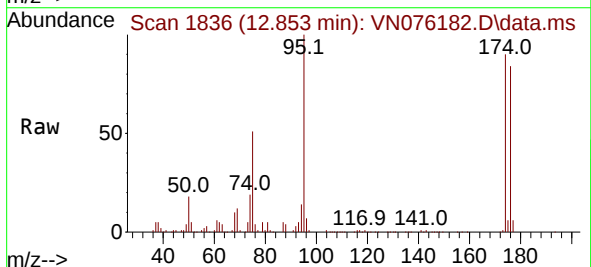
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

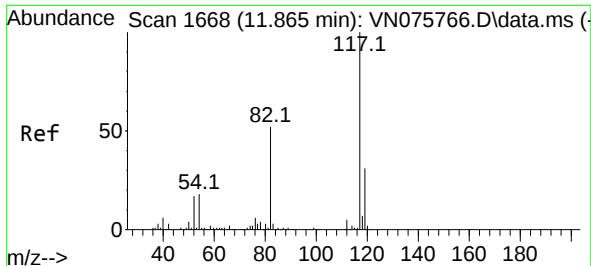
Tgt Ion: 98 Resp: 620098
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.496 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 95 Resp: 192470
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 82.0 0.0 169.2

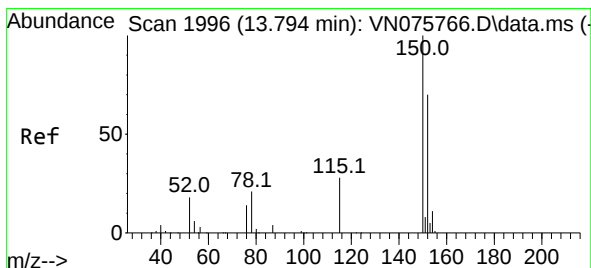
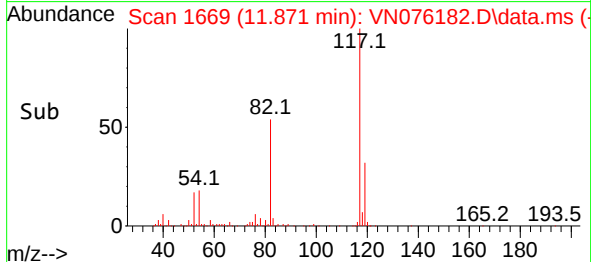
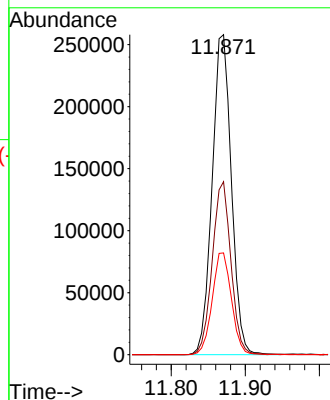
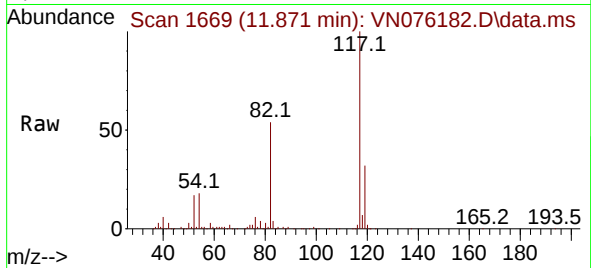




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 464198
Ion Ratio Lower Upper
117 100
82 54.1 41.3 61.9
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion:152 Resp: 193842
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.4
150 157.1 0.0 347.0

