

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080626.D
 Acq On : 02 Jan 2024 15:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 03 01:46:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

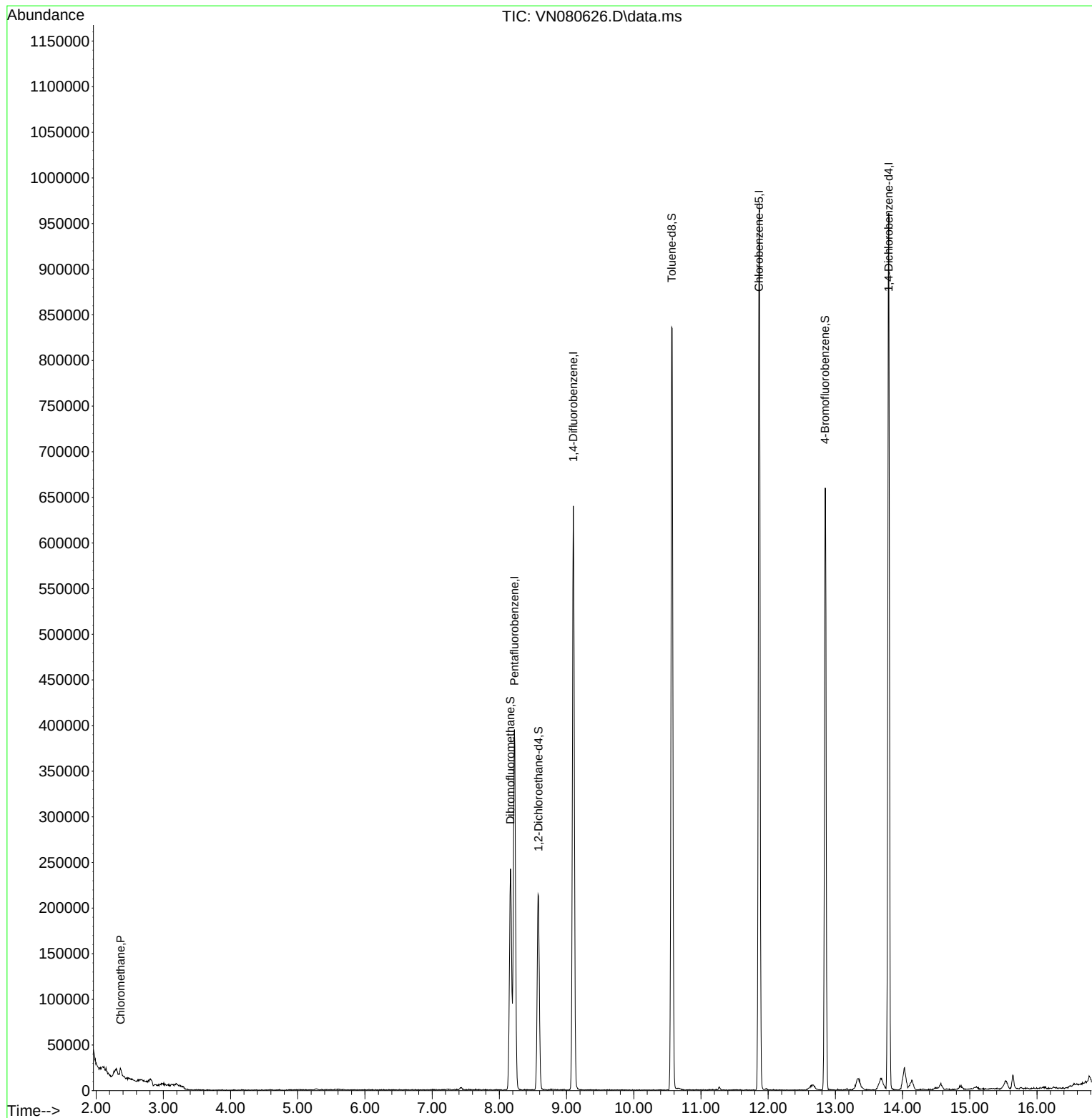
Internal Standards						
1) Pentafluorobenzene	8.224	168	286434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	560476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	588614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184253	50.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.300%
35) Dibromofluoromethane	8.165	113	168838	46.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	10.565	98	620211	49.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.847	95	249563	58.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.180%
Target Compounds						Qvalue
3) Chloromethane	2.365	50	14238	3.006	ug/l	98

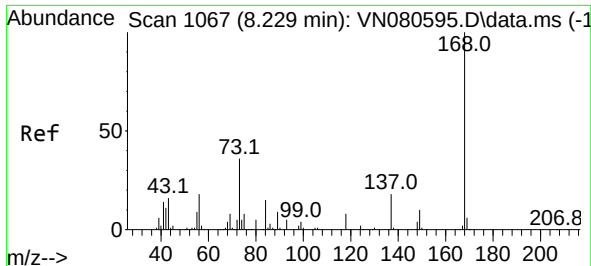
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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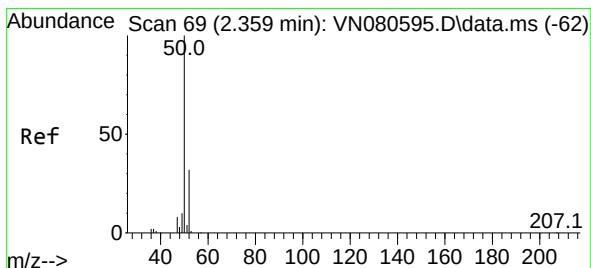
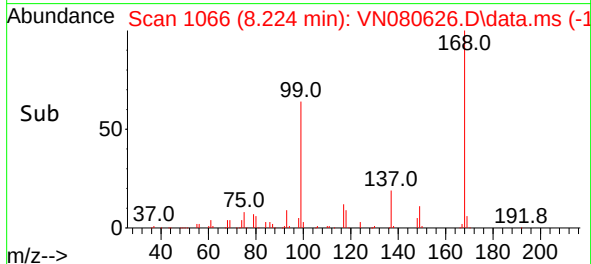
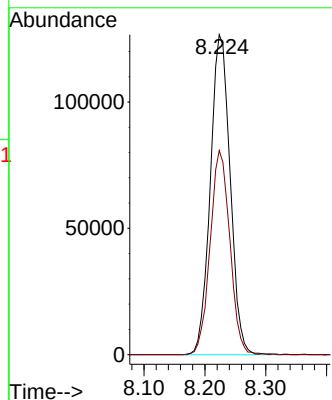
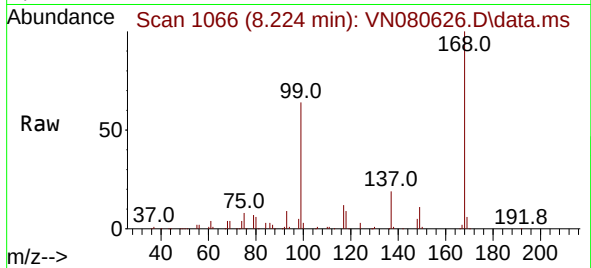




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

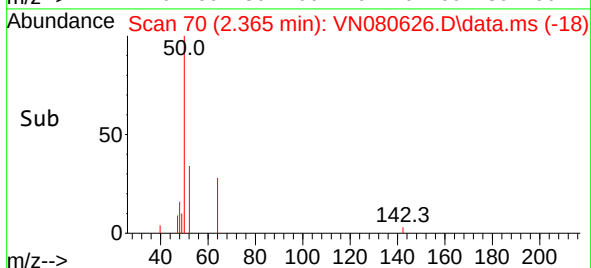
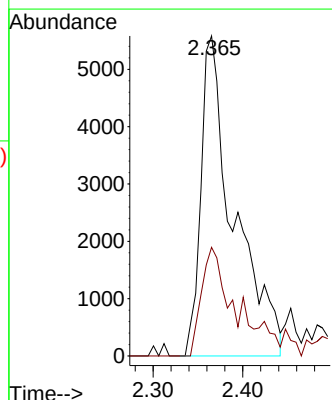
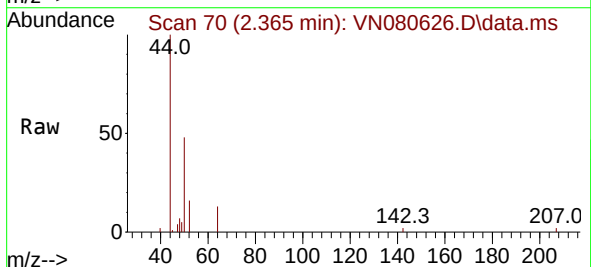
Instrument :
MSVOA_N
ClientSampleId :
IBLK

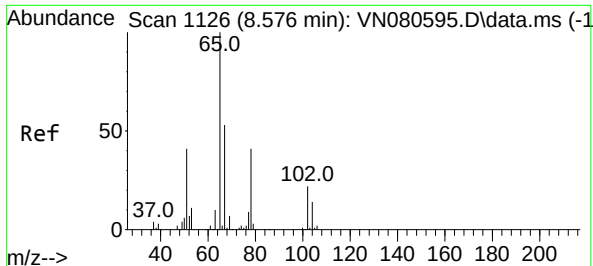
Tgt Ion:168 Resp: 286434
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#3
Chloromethane
Concen: 3.006 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

Tgt Ion: 50 Resp: 14238
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





#33

1,2-Dichloroethane-d4

Concen: 50.148 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080626.D

Acq: 02 Jan 2024 15:43

Instrument :

MSVOA_N

ClientSampleId :

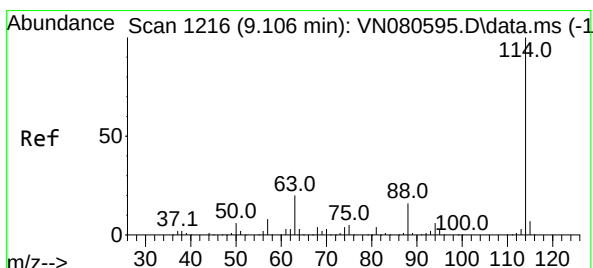
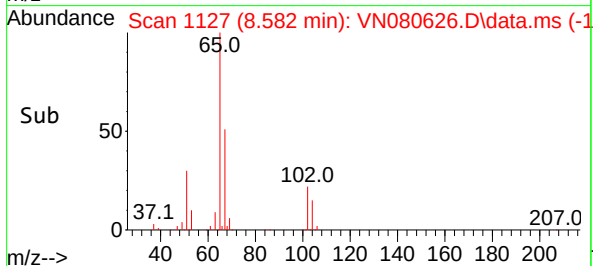
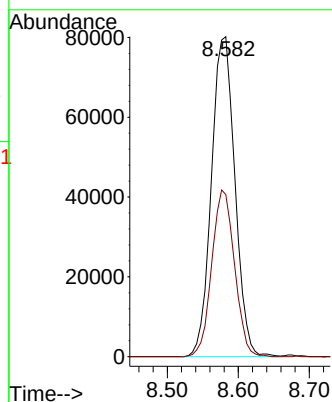
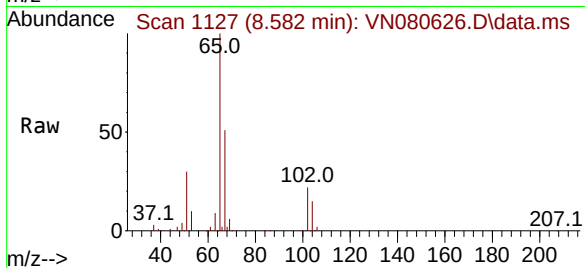
IBLK

Tgt Ion: 65 Resp: 184253

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080626.D

Acq: 02 Jan 2024 15:43

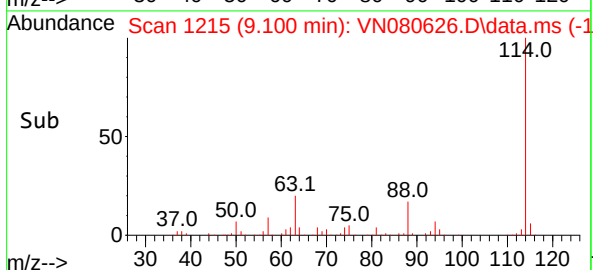
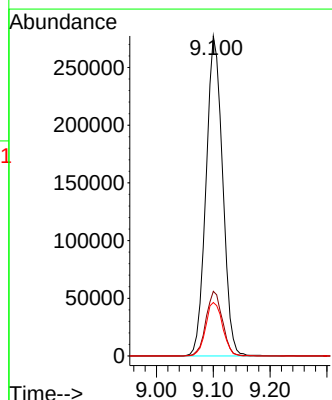
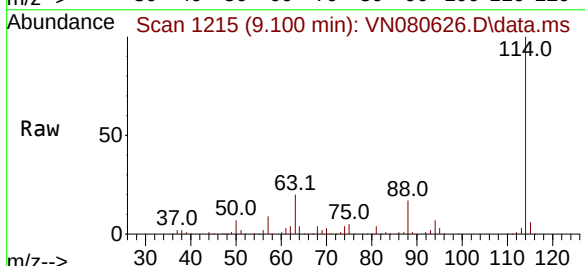
Tgt Ion: 114 Resp: 560476

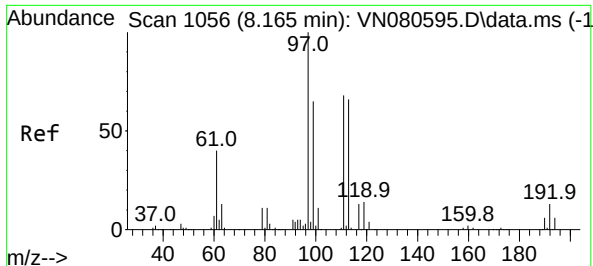
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.7 0.0 30.6

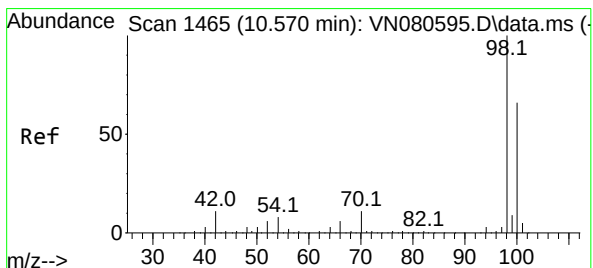
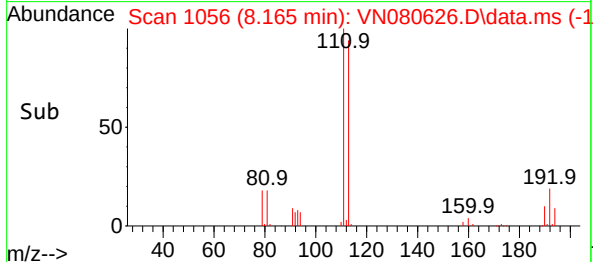
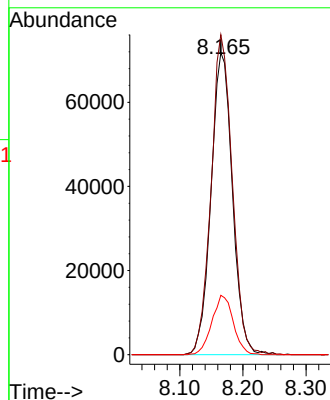
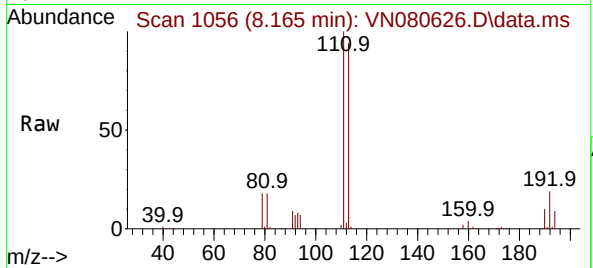




#35
Dibromofluoromethane
Concen: 46.577 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

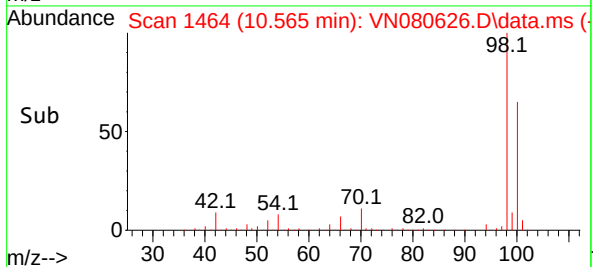
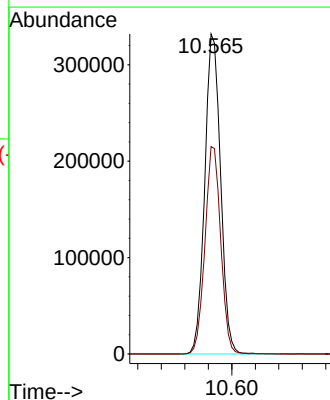
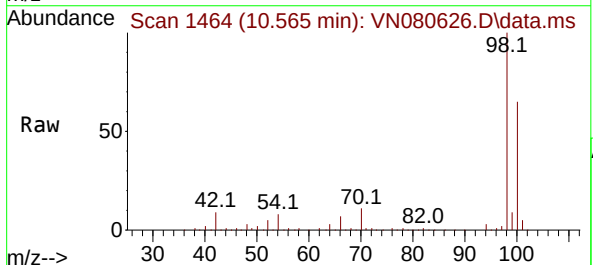
Instrument :
MSVOA_N
ClientSampleId :
IBLK

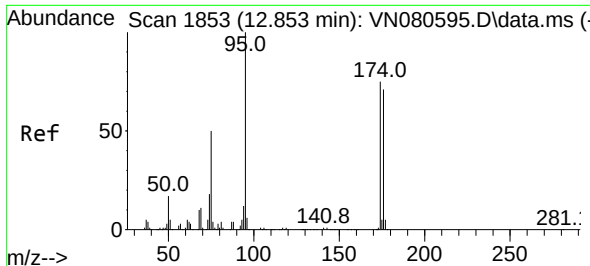
Tgt Ion:113 Resp: 168838
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 19.7 12.7 19.1#



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

Tgt Ion: 98 Resp: 620211
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

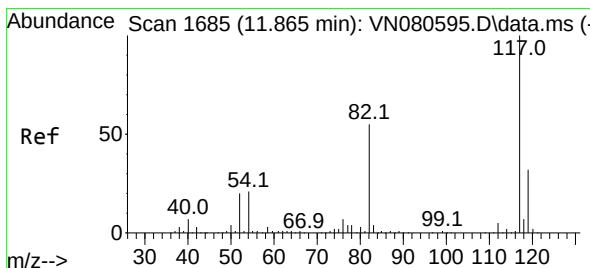
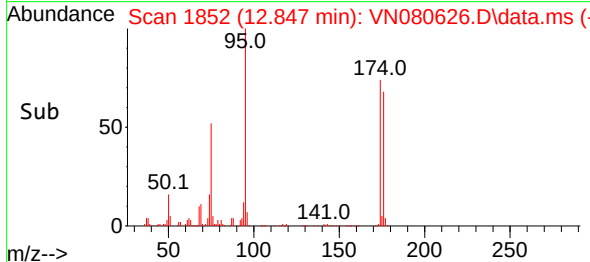
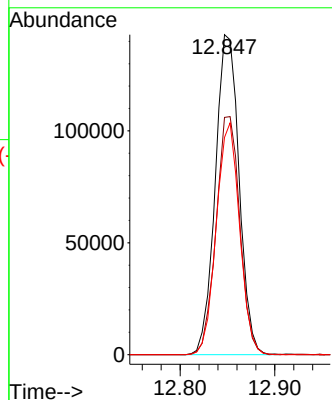
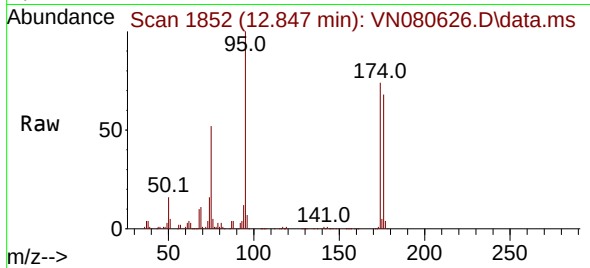




#62
4-Bromofluorobenzene
Concen: 58.590 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

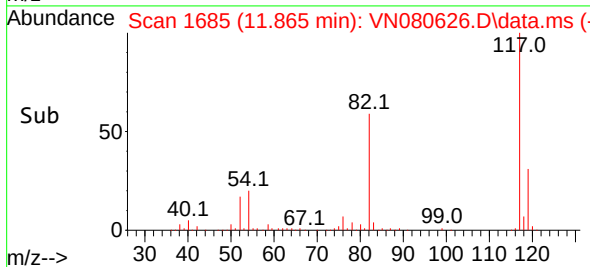
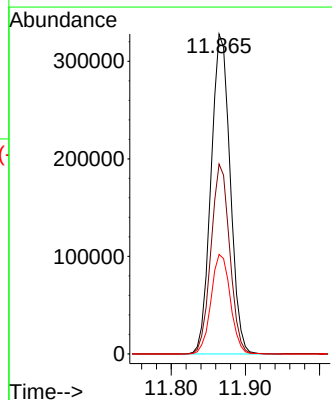
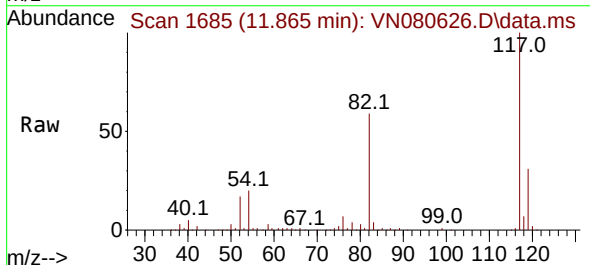
Instrument :
MSVOA_N
ClientSampleId :
IBLK

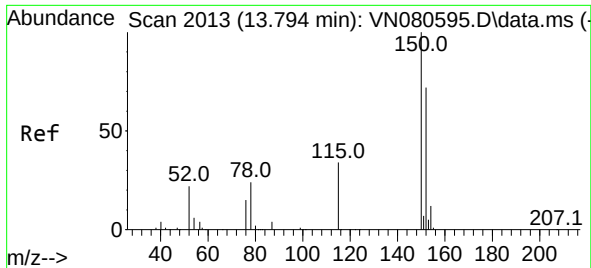
Tgt Ion: 95 Resp: 249563
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080626.D
Acq: 02 Jan 2024 15:43

Tgt Ion: 117 Resp: 588614
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN080626.D

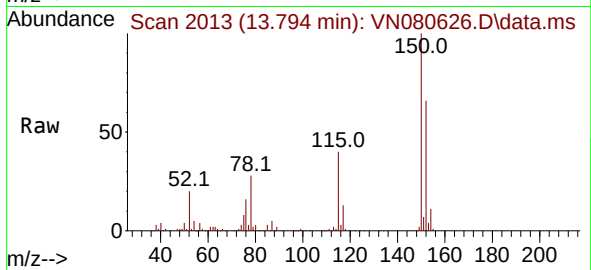
Acq: 02 Jan 2024 15:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 266428

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 155.4 0.0 355.8

