

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043117.D
 Acq On : 24 Sep 2024 12:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 25 02:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

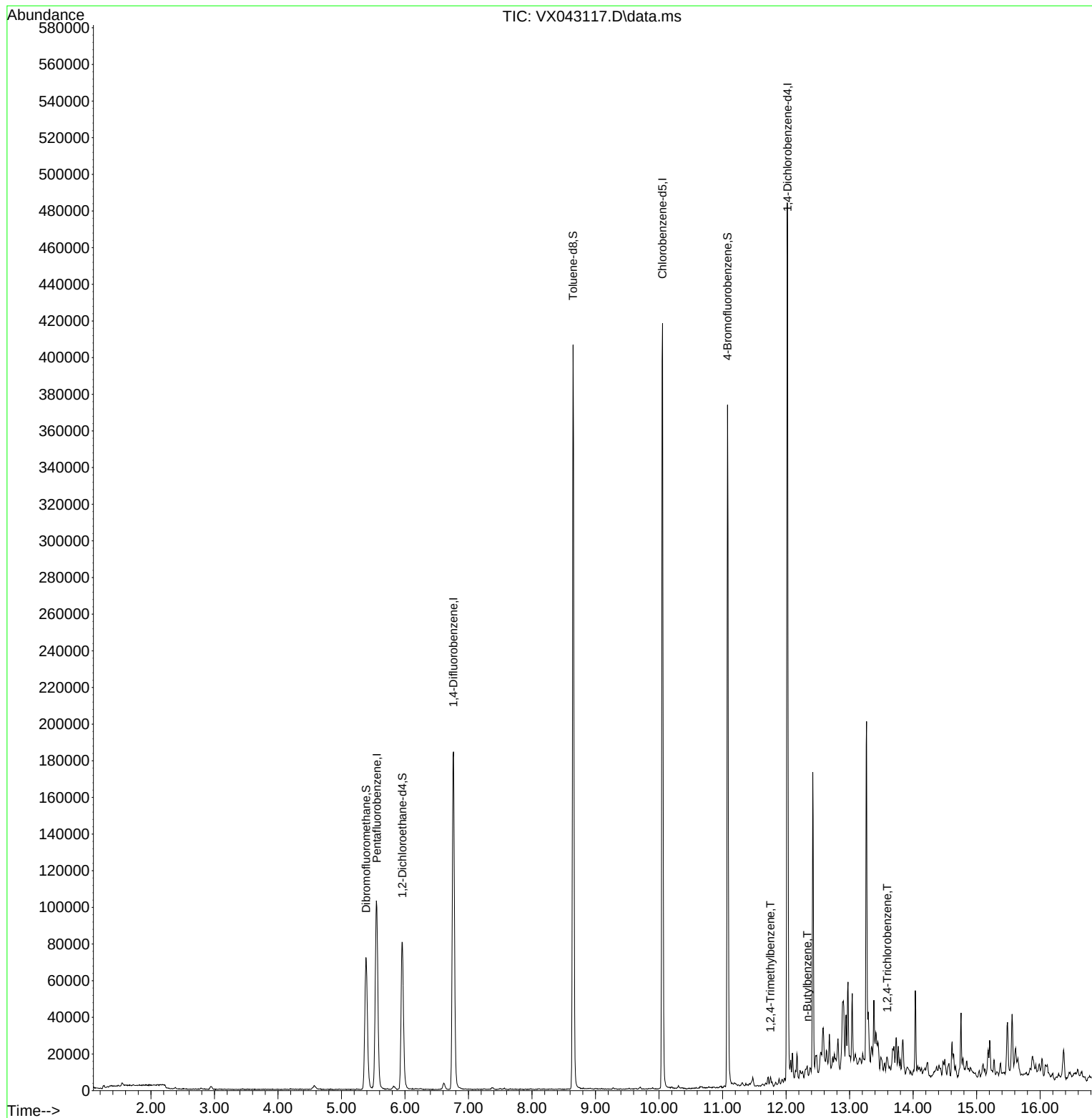
Internal Standards						
1) Pentafluorobenzene	5.556	168	94917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83093	52.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	5.385	113	62671	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.520%	
50) Toluene-d8	8.647	98	235469	52.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	11.079	95	98897	54.743	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.480%	
Target Compounds						
						Qvalue
84) 1,2,4-Trimethylbenzene	11.756	105	1989	0.333	ug/l	92
89) n-Butylbenzene	12.335	91	1719	0.312	ug/l #	86
93) 1,2,4-Trichlorobenzene	13.591	180	623	0.321	ug/l #	90

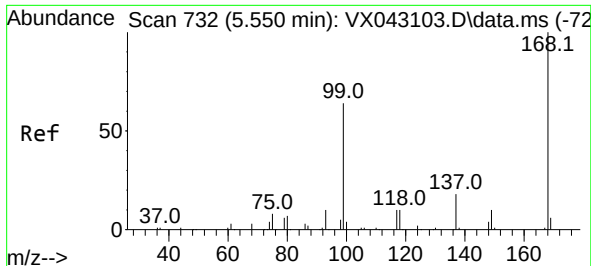
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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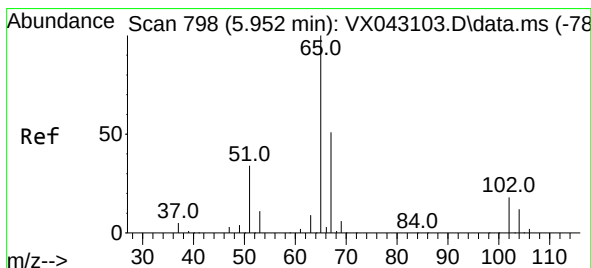
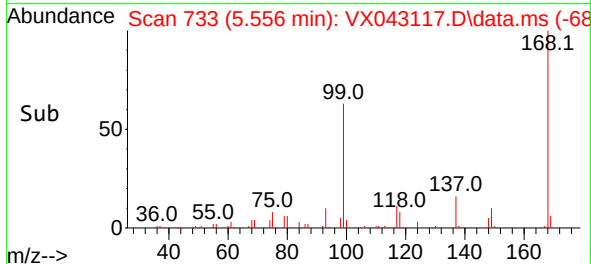
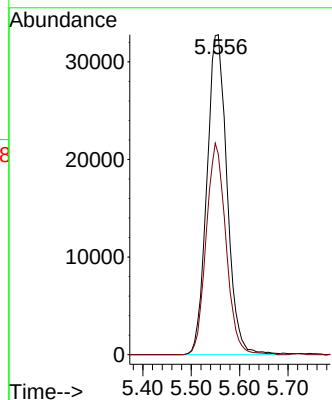
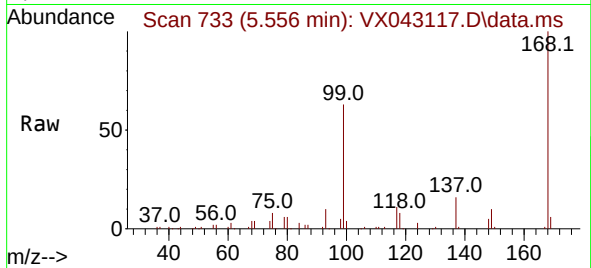




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

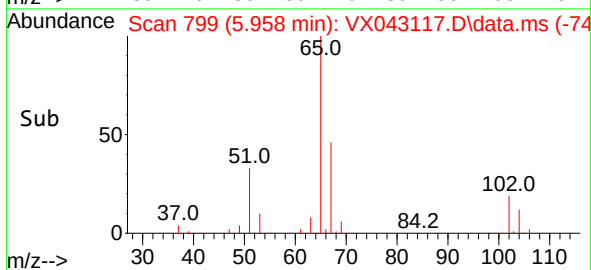
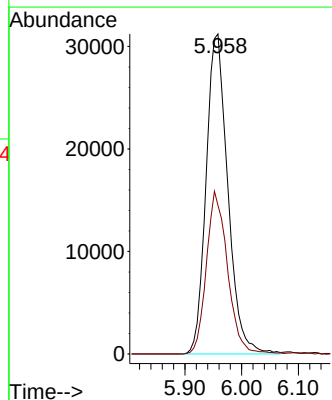
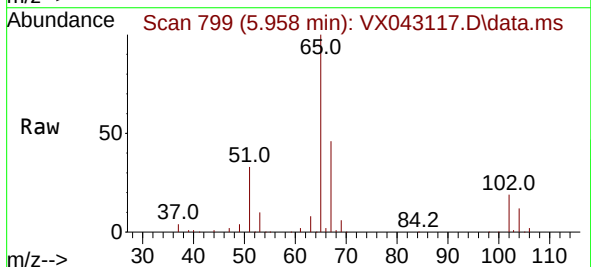
Instrument :
MSVOA_X
ClientSampleId :
IBLK

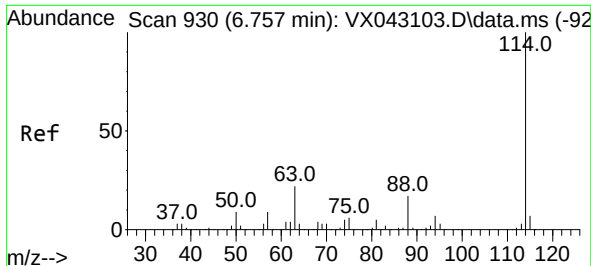
Tgt Ion:168 Resp: 94917
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.703 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

Tgt Ion: 65 Resp: 83093
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

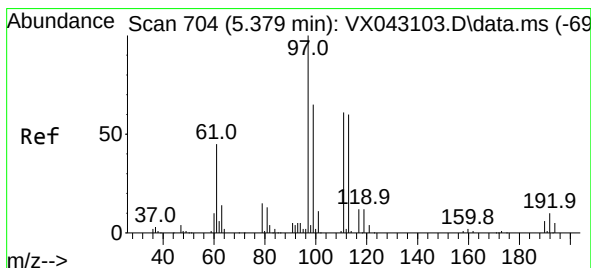
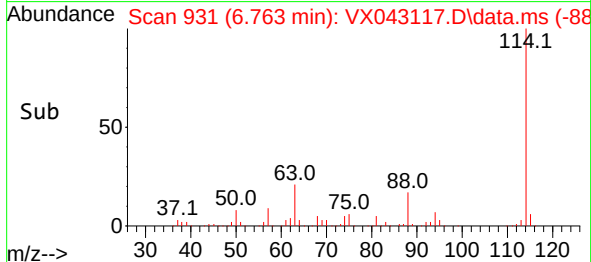
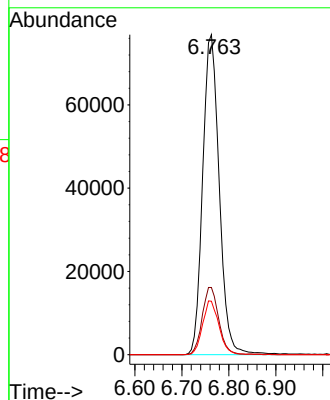
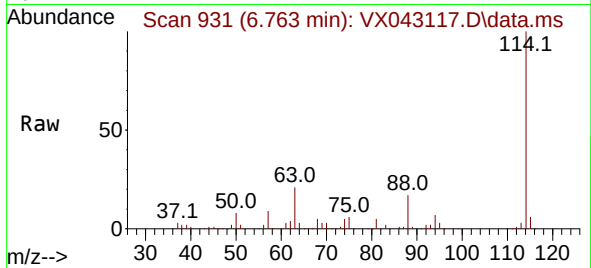




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

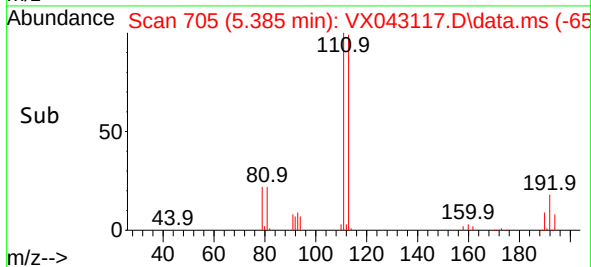
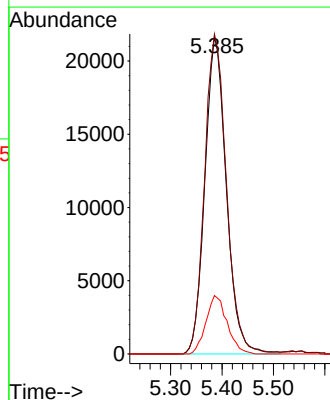
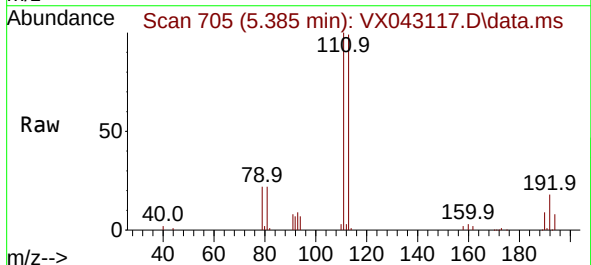
Instrument :
MSVOA_X
ClientSampleId :
IBLK

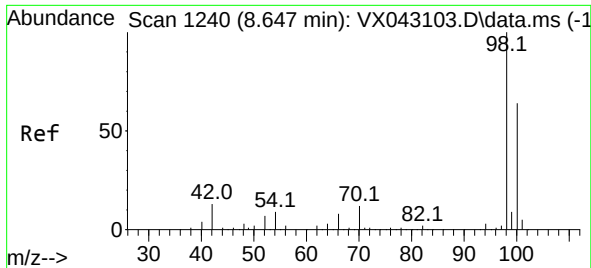
Tgt Ion:114 Resp: 187964
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 16.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

Tgt Ion:113 Resp: 62671
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.2 14.6 22.0

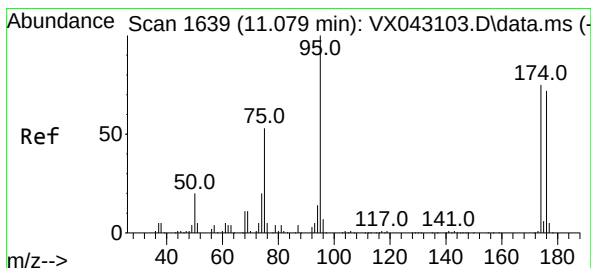
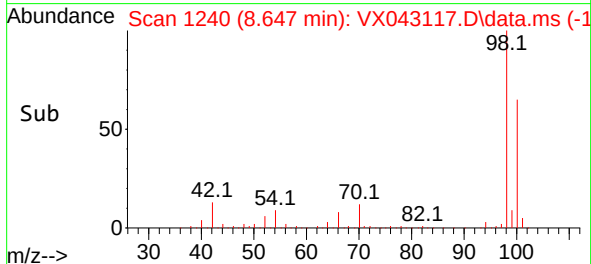
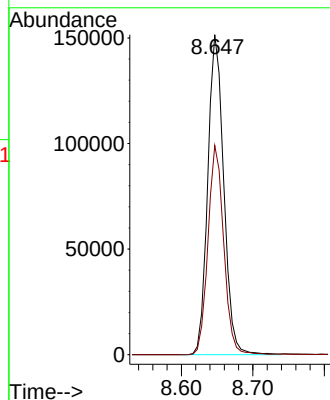
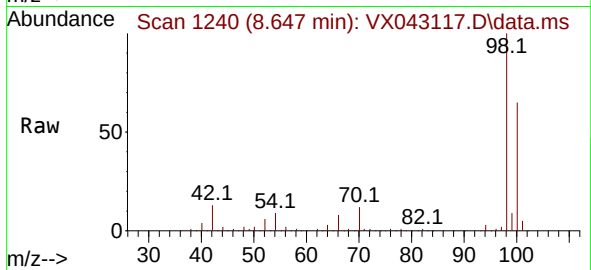




#50
Toluene-d8
Concen: 52.490 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

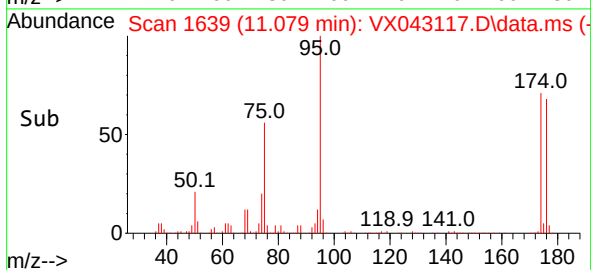
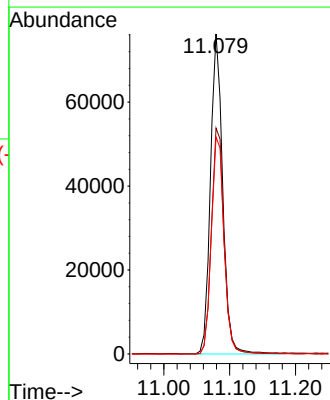
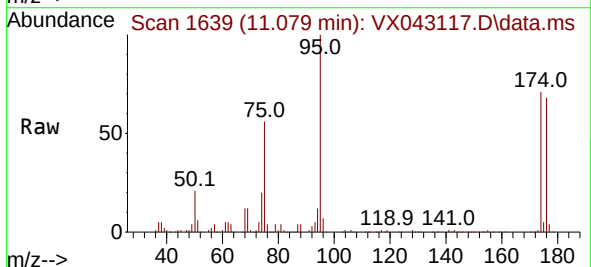
Instrument :
MSVOA_X
ClientSampleId :
IBLK

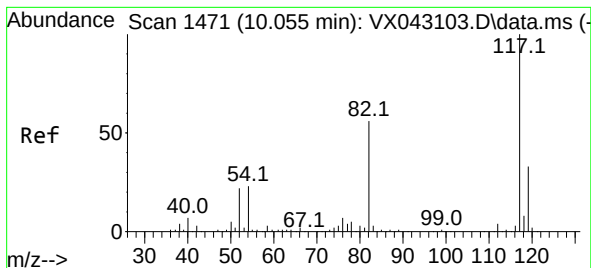
Tgt Ion: 98 Resp: 235469
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043117.D
Acq: 24 Sep 2024 12:44

Tgt Ion: 95 Resp: 98897
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.0
176 70.5 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043117.D

Acq: 24 Sep 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

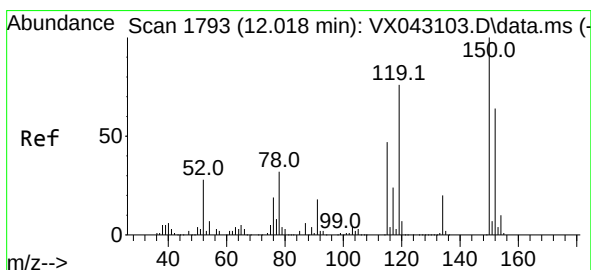
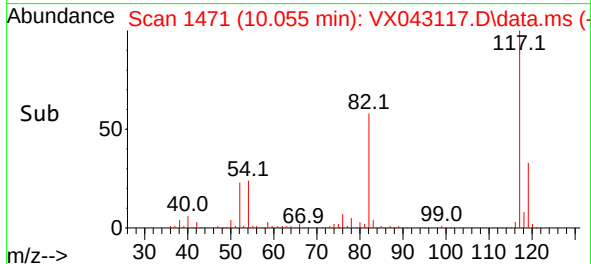
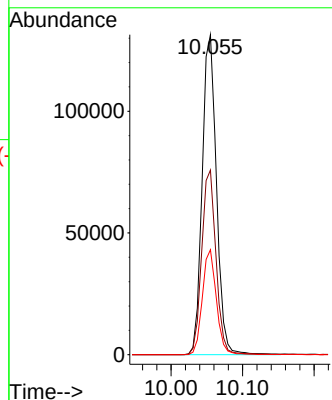
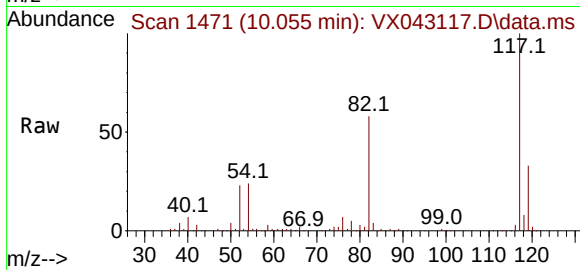
Tgt Ion:117 Resp: 182396

Ion Ratio Lower Upper

117 100

82 57.7 44.7 67.1

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043117.D

Acq: 24 Sep 2024 12:44

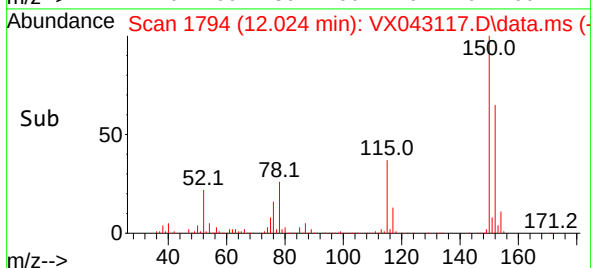
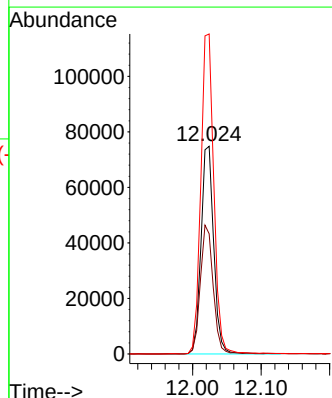
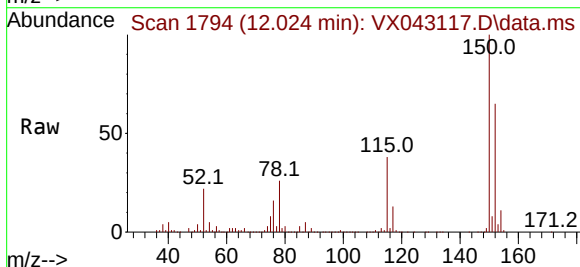
Tgt Ion:152 Resp: 96798

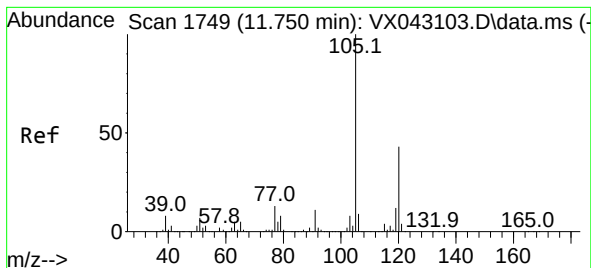
Ion Ratio Lower Upper

152 100

115 62.2 43.7 131.1

150 157.7 0.0 344.6





#84

1,2,4-Trimethylbenzene

Concen: 0.333 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043117.D

Acq: 24 Sep 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

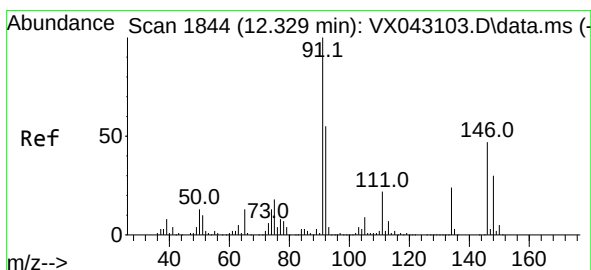
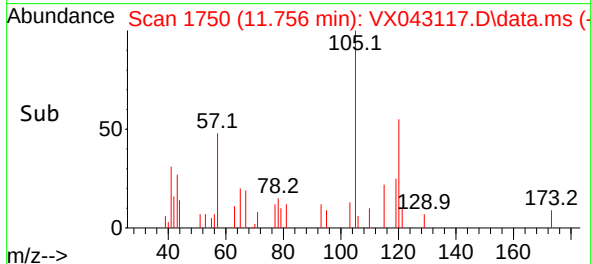
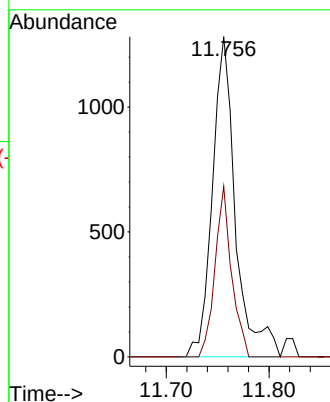
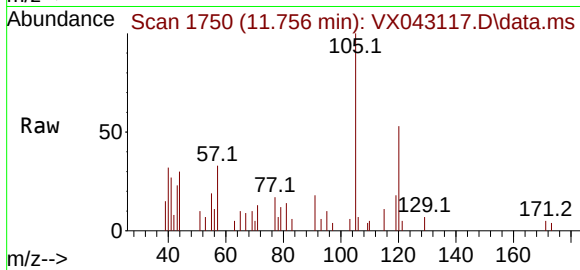
IBLK

Tgt Ion:105 Resp: 1989

Ion Ratio Lower Upper

105 100

120 38.3 21.8 65.4



#89

n-Butylbenzene

Concen: 0.312 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043117.D

Acq: 24 Sep 2024 12:44

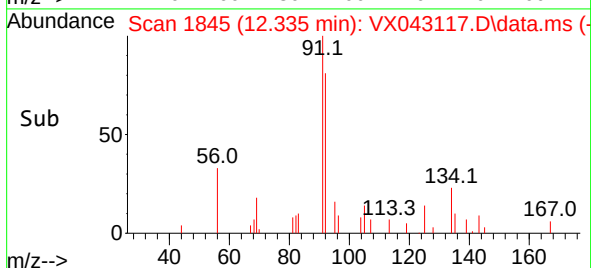
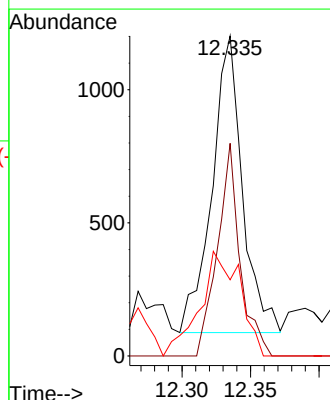
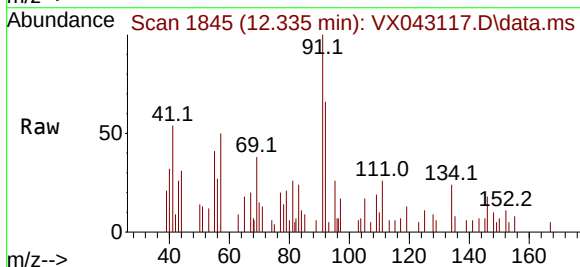
Tgt Ion: 91 Resp: 1719

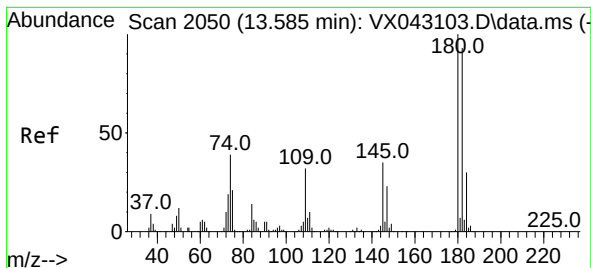
Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

134 46.5 12.6 37.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.321 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043117.D

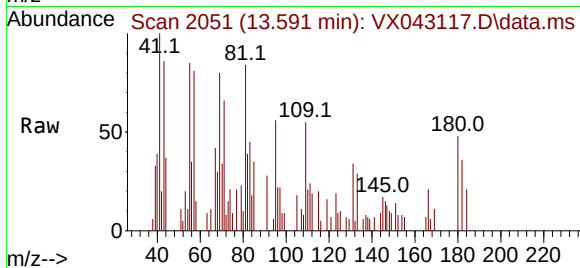
Acq: 24 Sep 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 623

Ion Ratio Lower Upper

180 100

182 92.3 46.7 140.0

145 53.8 17.0 50.9#

