

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046167.D
 Acq On : 13 May 2025 15:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 14 01:42:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

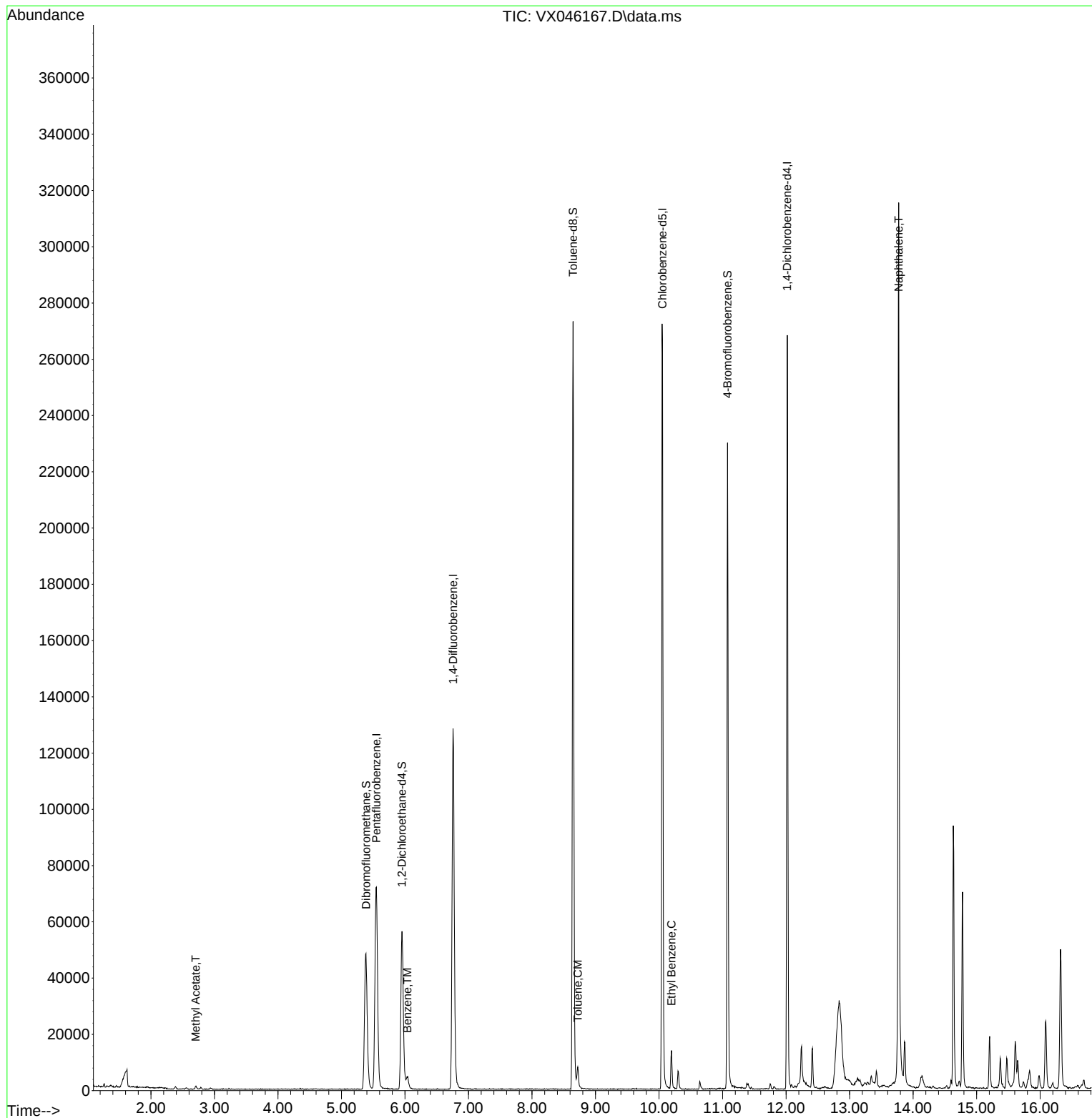
Internal Standards						
1) Pentafluorobenzene	5.550	168	63606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58811	49.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.200%
35) Dibromofluoromethane	5.385	113	42773	47.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	156575	50.327	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	60885	51.019	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.040%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.703	43	1437	1.302	ug/l	97
40) Benzene	6.037	78	4645	1.313	ug/l	96
52) Toluene	8.720	92	2778	1.281	ug/l	99
67) Ethyl Benzene	10.195	91	8579	1.903	ug/l	98
95) Naphthalene	13.774	128	208043	59.649	ug/l	99

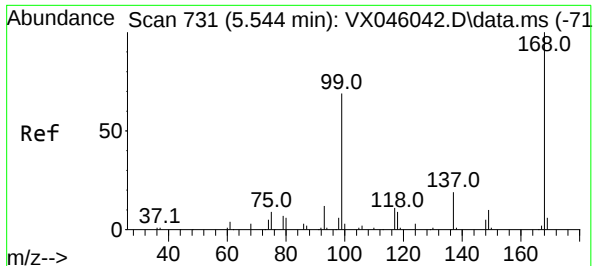
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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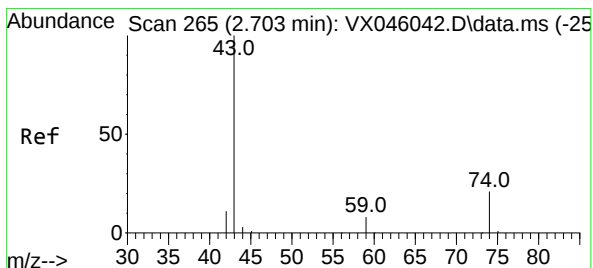
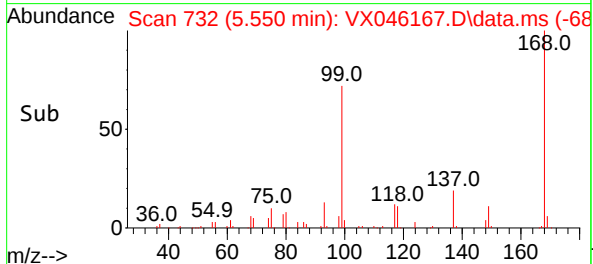
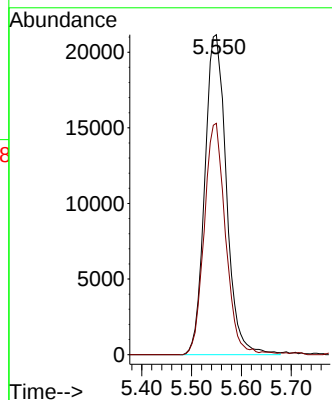
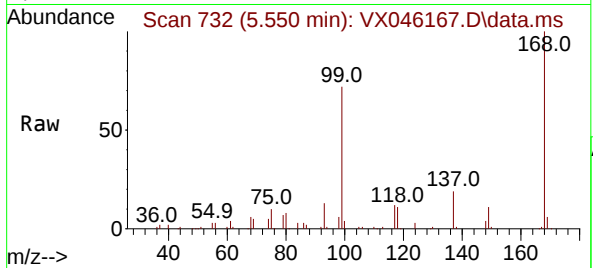




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046167.D
Acq: 13 May 2025 15:35

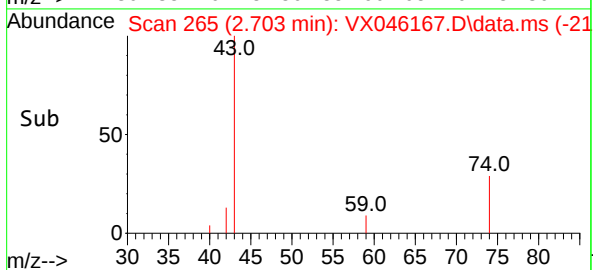
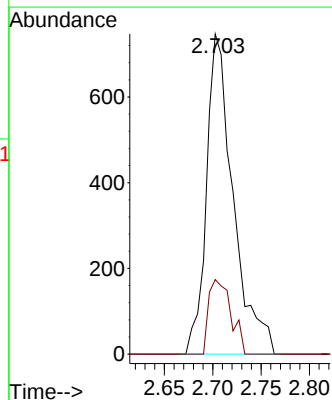
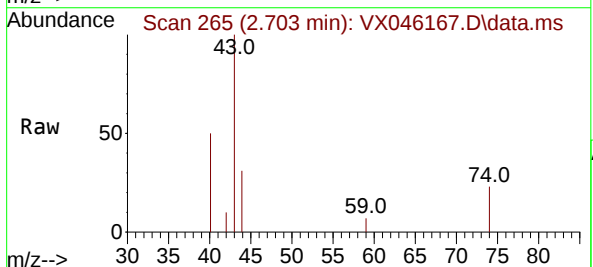
Instrument :
MSVOA_X
ClientSampleId :
IBLK

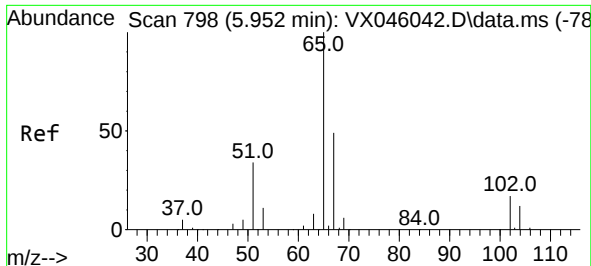
Tgt Ion:168 Resp: 63606
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#18
Methyl Acetate
Concen: 1.302 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046167.D
Acq: 13 May 2025 15:35

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
74 19.3 16.7 25.1





#33

1,2-Dichloroethane-d4

Concen: 49.595 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

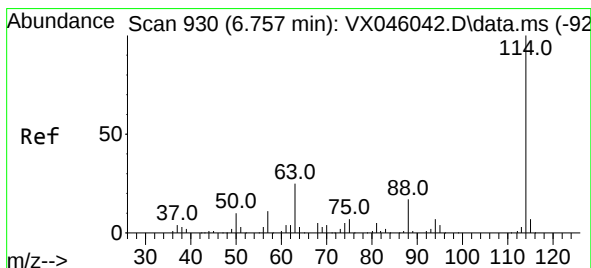
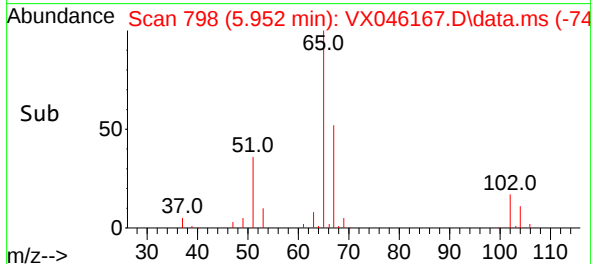
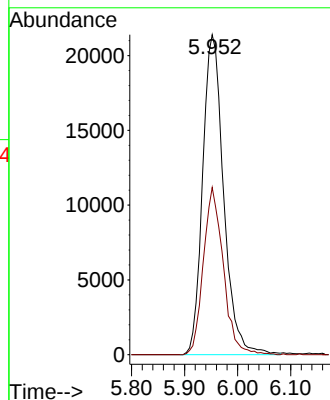
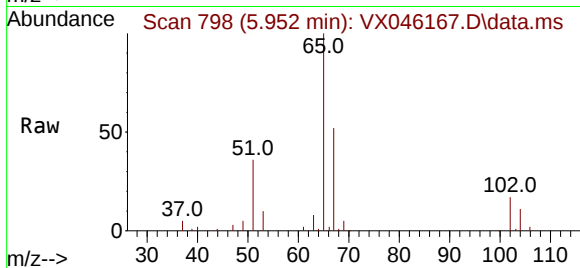
IBLK

Tgt Ion: 65 Resp: 58811

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

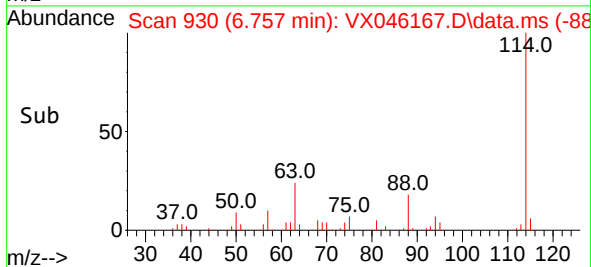
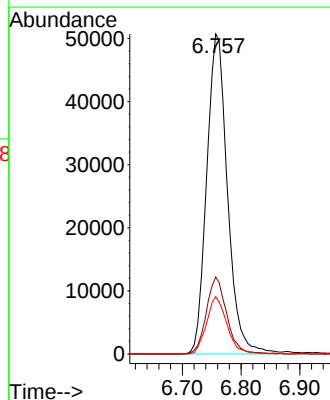
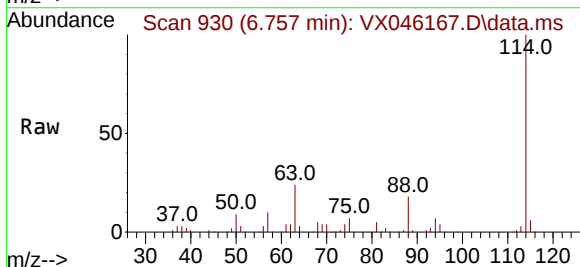
Tgt Ion: 114 Resp: 124826

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 17.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046167.D

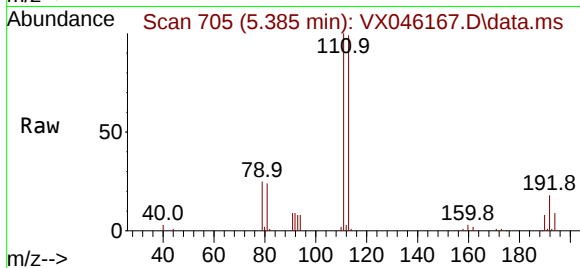
Acq: 13 May 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK



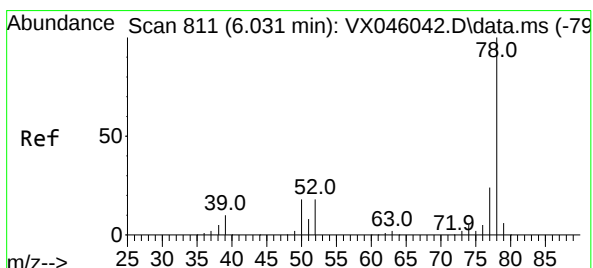
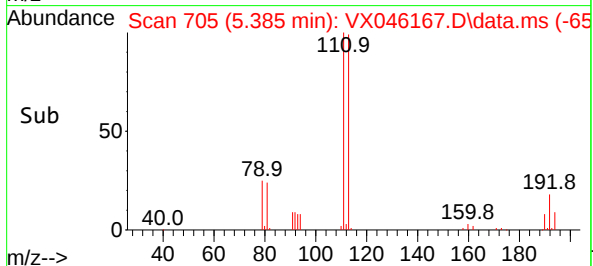
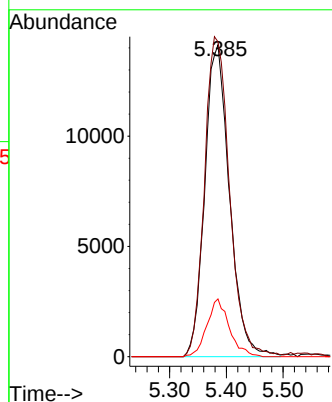
Tgt Ion:113 Resp: 42773

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

192 16.8 13.3 19.9



#40

Benzene

Concen: 1.313 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX046167.D

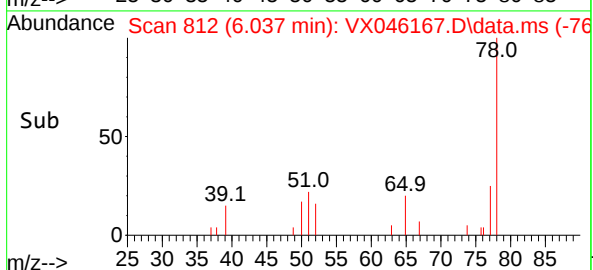
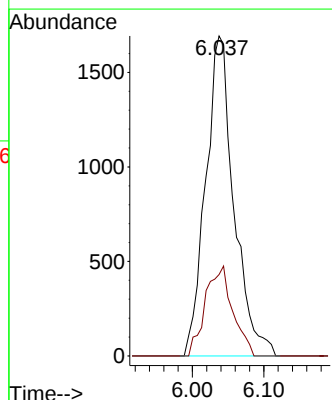
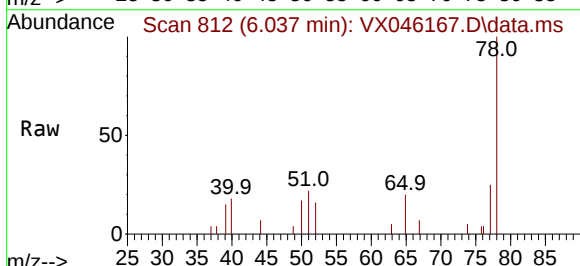
Acq: 13 May 2025 15:35

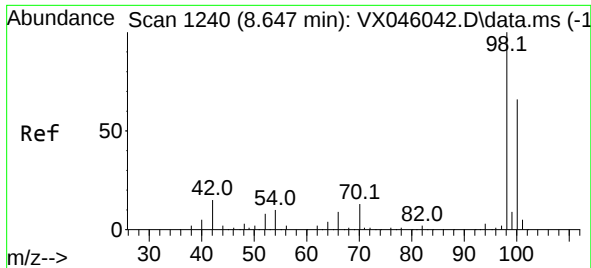
Tgt Ion: 78 Resp: 4645

Ion Ratio Lower Upper

78 100

77 25.5 19.0 28.4

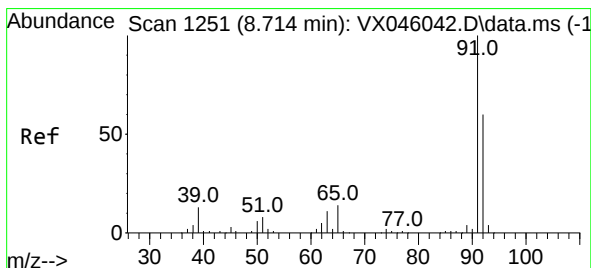
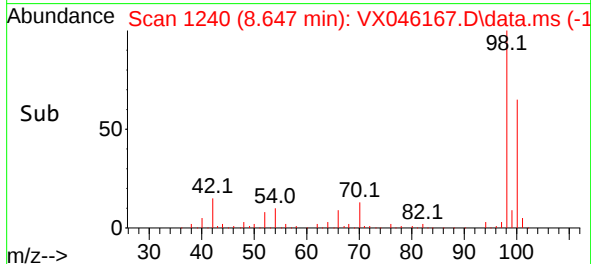
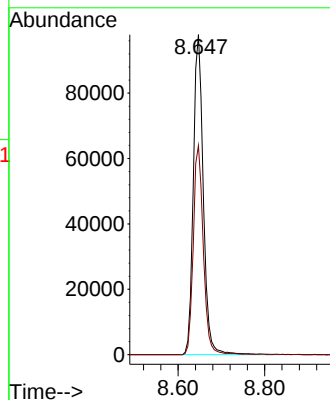
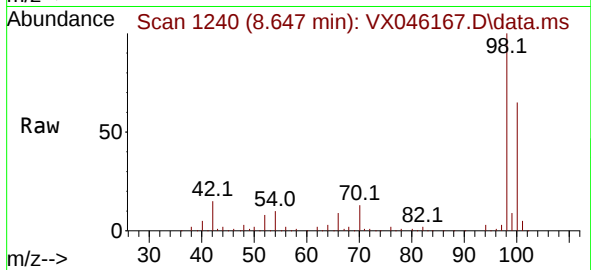




#50
Toluene-d8
Concen: 50.327 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046167.D
Acq: 13 May 2025 15:35

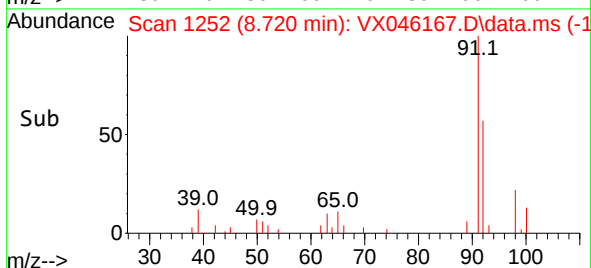
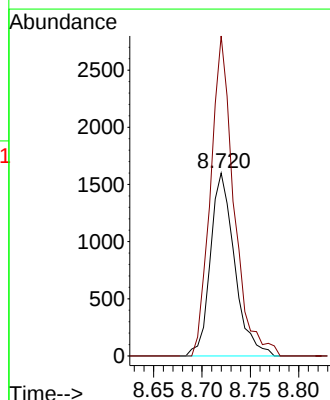
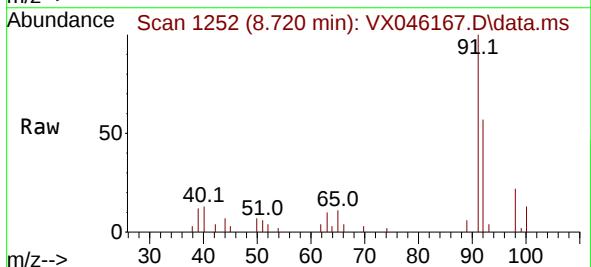
Instrument :
MSVOA_X
ClientSampleId :
IBLK

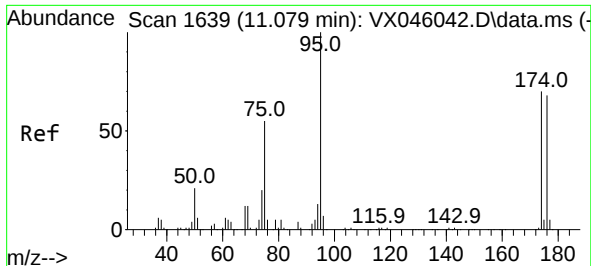
Tgt Ion: 98 Resp: 156575
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#52
Toluene
Concen: 1.281 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046167.D
Acq: 13 May 2025 15:35

Tgt Ion: 92 Resp: 2778
Ion Ratio Lower Upper
92 100
91 169.3 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 51.019 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

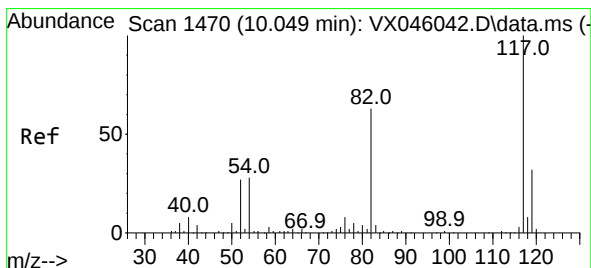
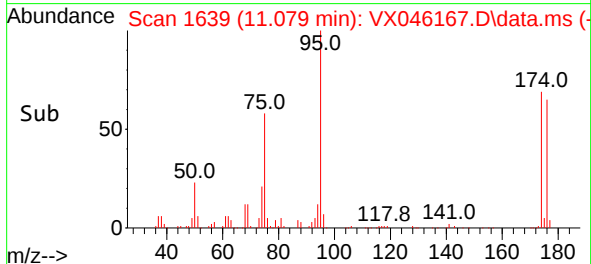
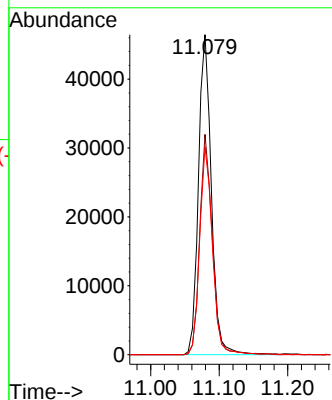
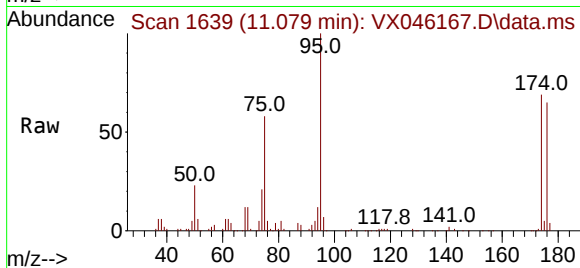
Tgt Ion: 95 Resp: 60885

Ion Ratio Lower Upper

95 100

174 67.0 0.0 135.8

176 64.5 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

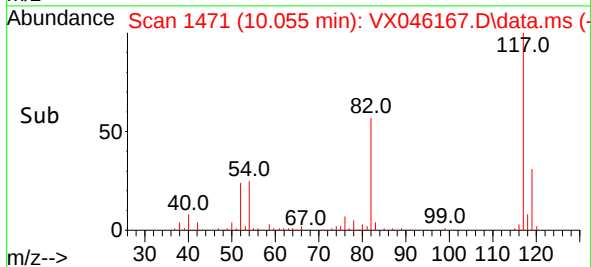
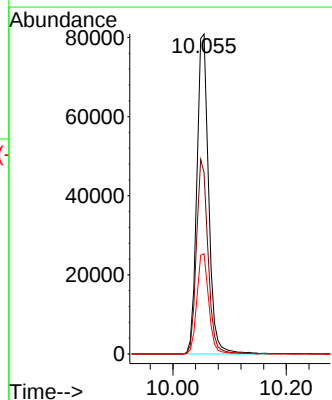
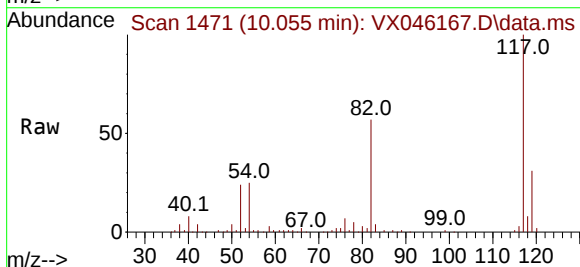
Tgt Ion: 117 Resp: 116832

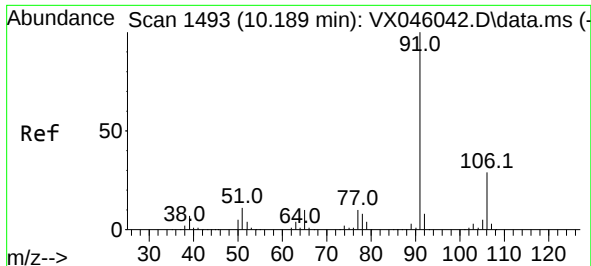
Ion Ratio Lower Upper

117 100

82 56.7 50.6 76.0

119 31.3 25.8 38.6





#67

Ethyl Benzene

Concen: 1.903 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

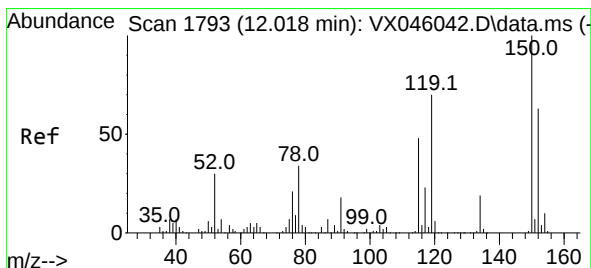
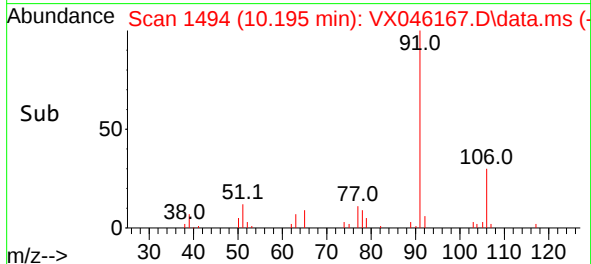
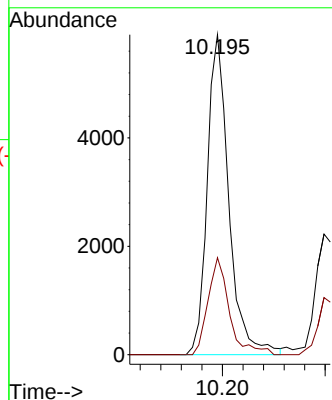
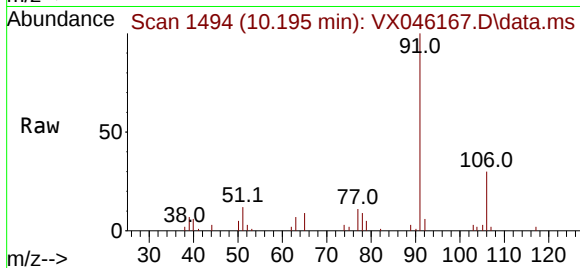
IBLK

Tgt Ion: 91 Resp: 8579

Ion Ratio Lower Upper

91 100

106 30.3 23.4 35.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046167.D

Acq: 13 May 2025 15:35

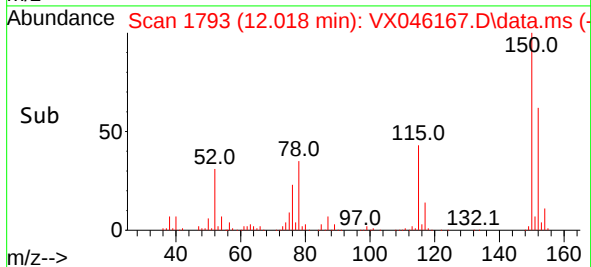
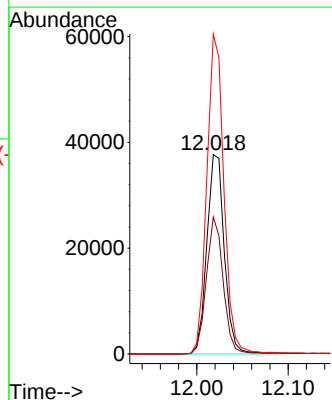
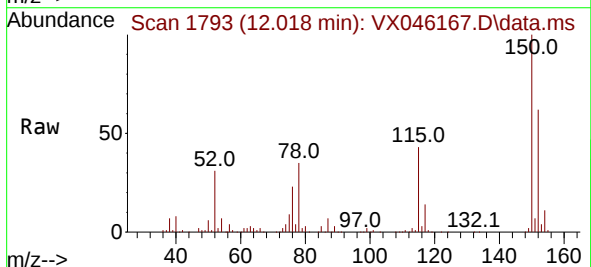
Tgt Ion: 152 Resp: 50018

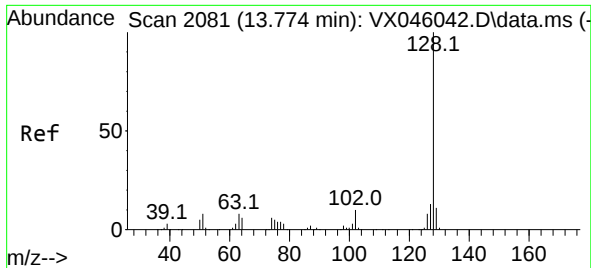
Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 157.1 0.0 351.0





#95

Naphthalene

Concen: 59.649 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046167.D

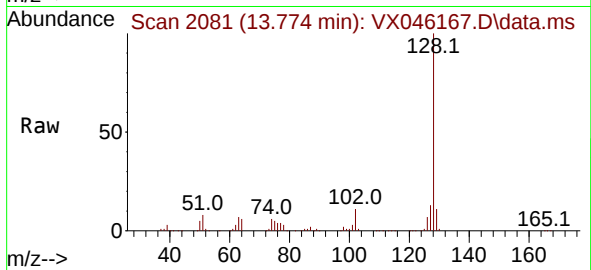
Acq: 13 May 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 208043

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 8.6 13.0

