

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046723.D
 Acq On : 17 Jun 2025 15:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 18 03:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

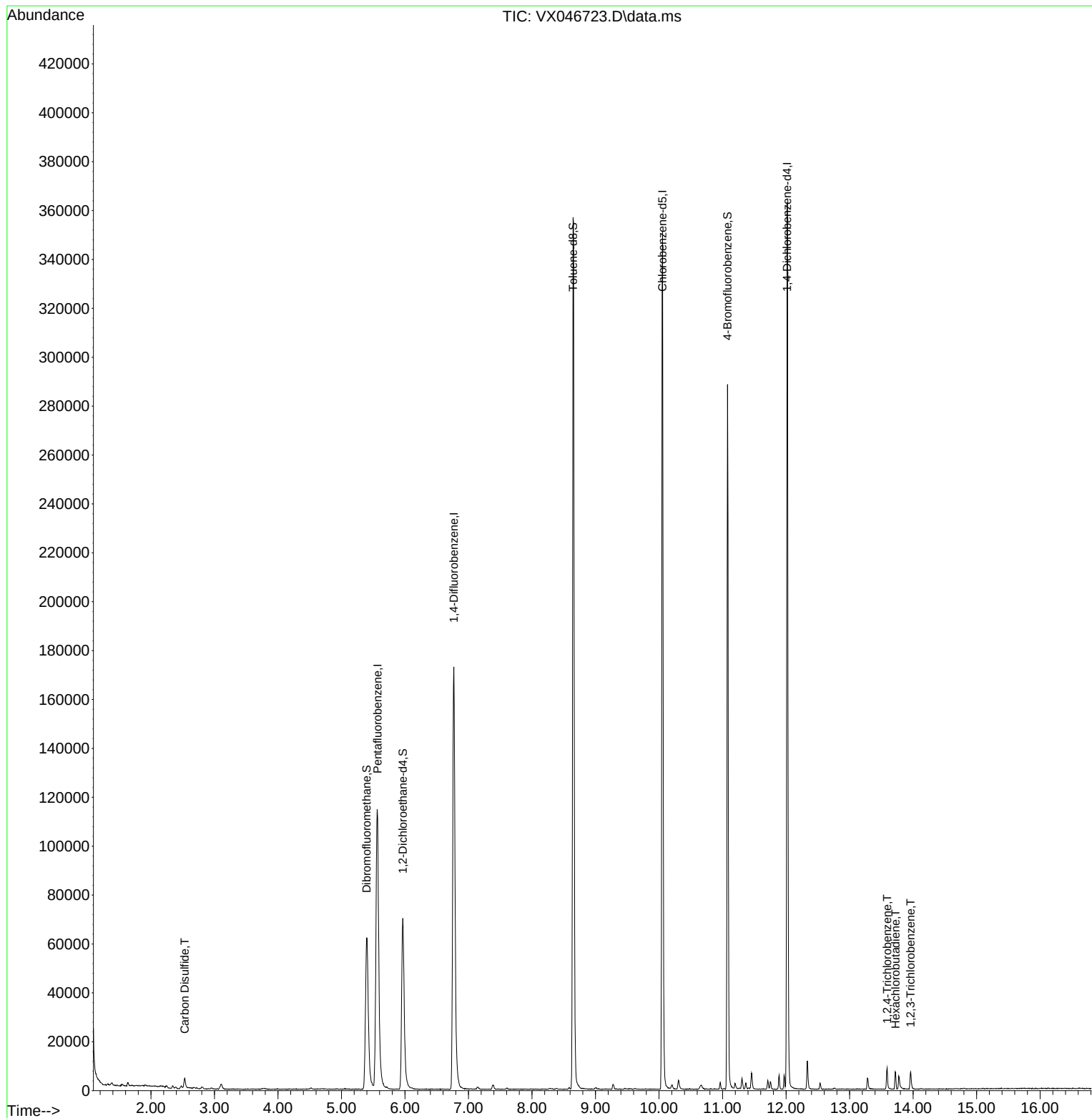
Internal Standards						
1) Pentafluorobenzene	5.568	168	117985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	190185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73294	44.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.820%
35) Dibromofluoromethane	5.397	113	60232	47.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	225712	49.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	79570	47.216	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.440%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.532	76	5142	1.307	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	2718	1.603	ug/l	92
94) Hexachlorobutadiene	13.725	225	1238	1.736	ug/l	88
96) 1,2,3-Trichlorobenzene	13.963	180	2255	1.390	ug/l	95

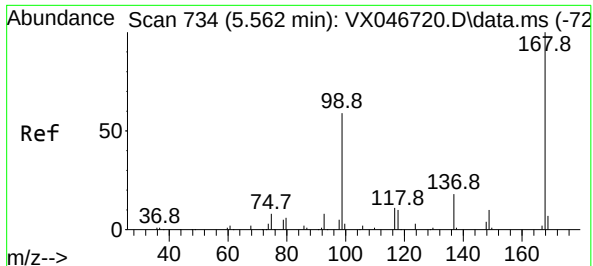
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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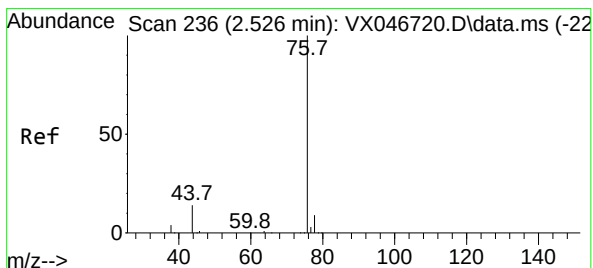
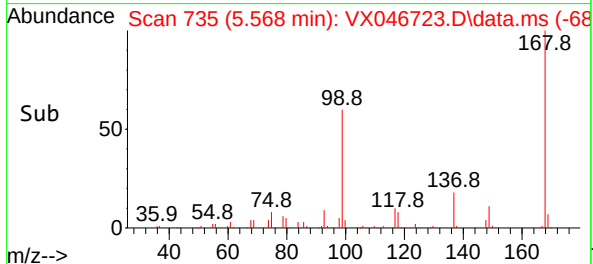
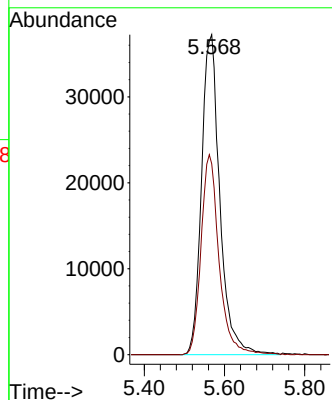
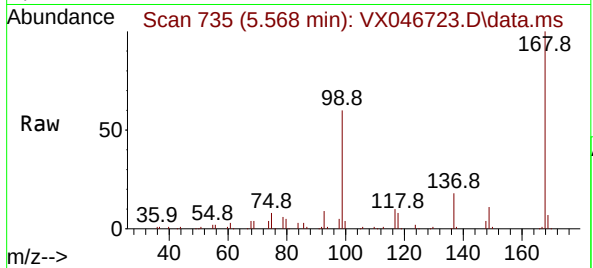




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

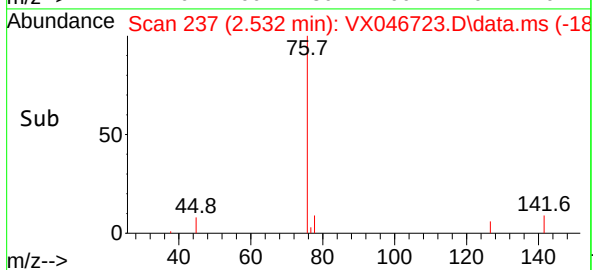
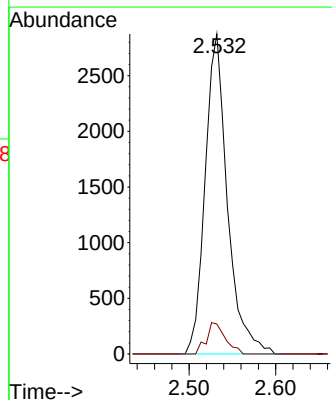
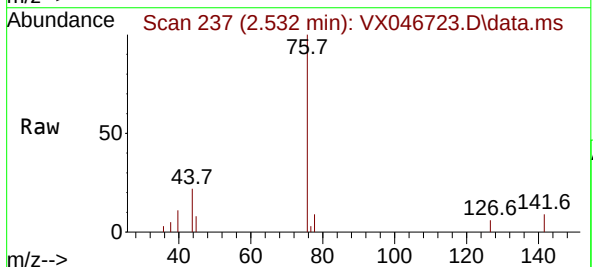
Instrument :
MSVOA_X
ClientSampleId :
IBLK

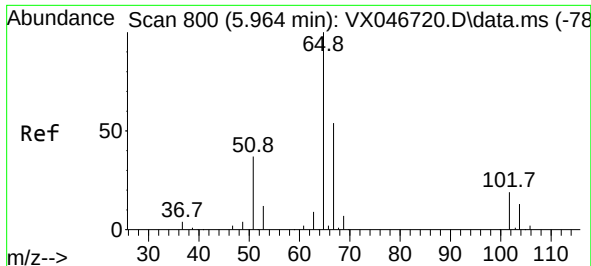
Tgt Ion:168 Resp: 117985
Ion Ratio Lower Upper
168 100
99 59.7 48.5 72.7



#17
Carbon Disulfide
Concen: 1.307 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 76 Resp: 5142
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

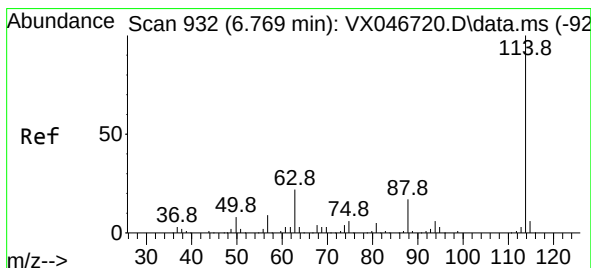
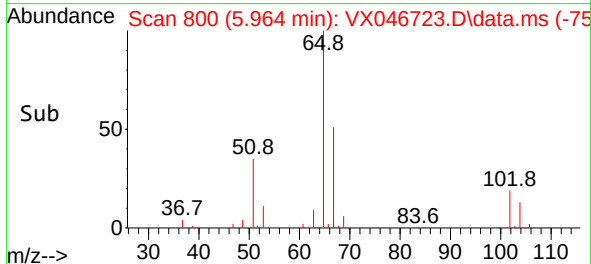
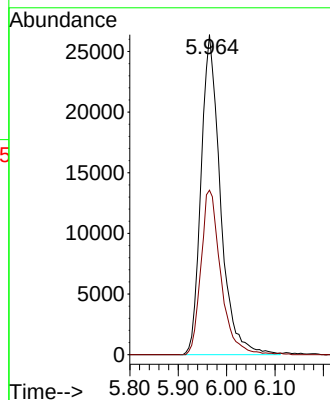
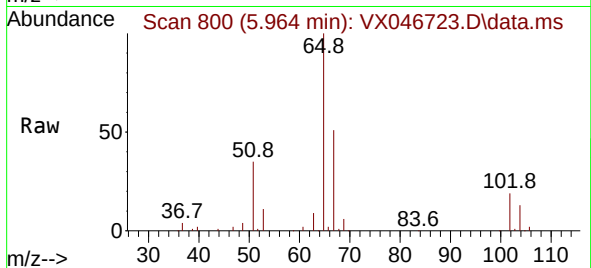




#33
 1,2-Dichloroethane-d4
 Concen: 44.912 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

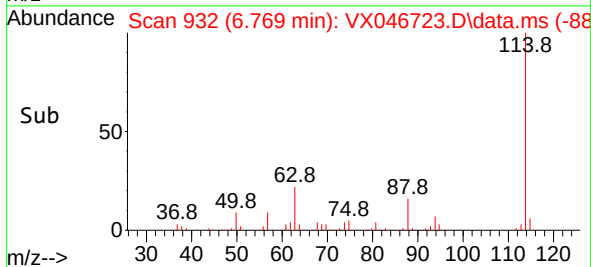
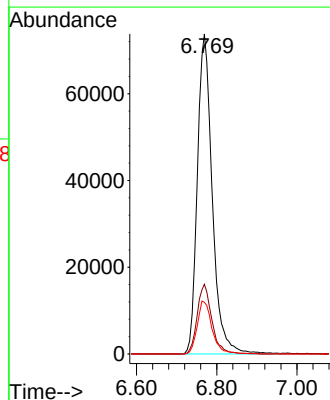
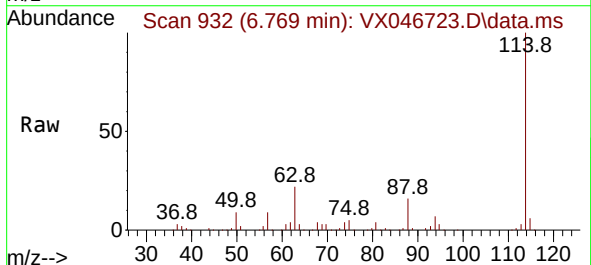
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

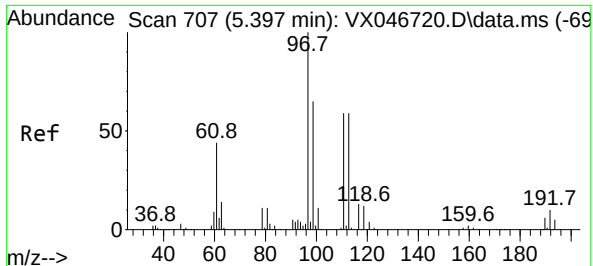
Tgt Ion: 65 Resp: 73294
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

Tgt Ion: 114 Resp: 190185
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.1 0.0 33.2

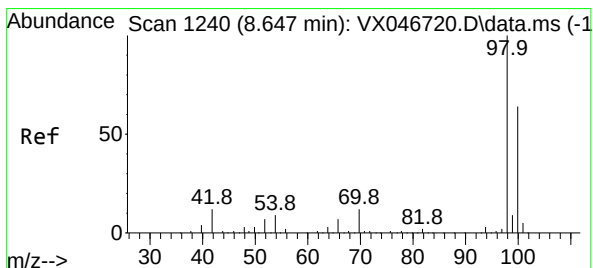
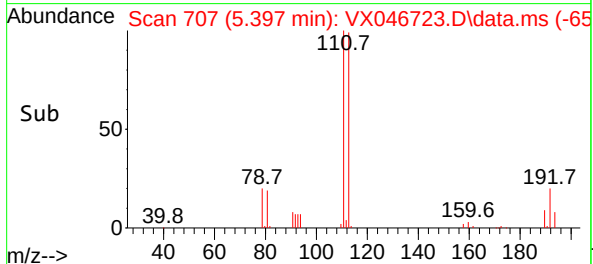
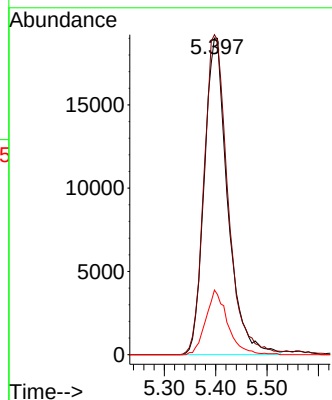
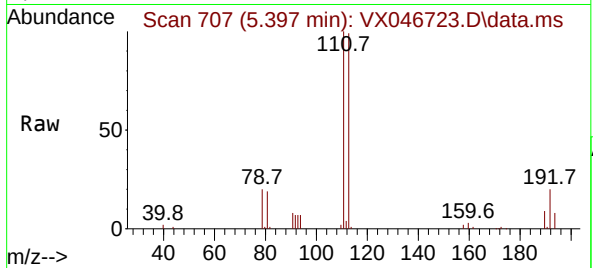




#35
Dibromofluoromethane
Concen: 47.867 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

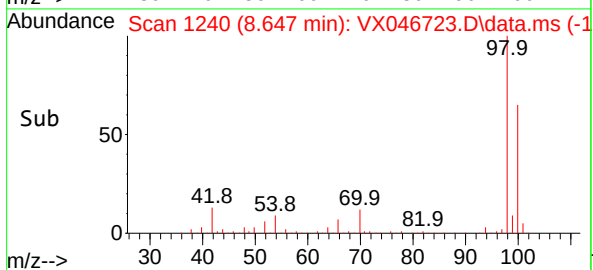
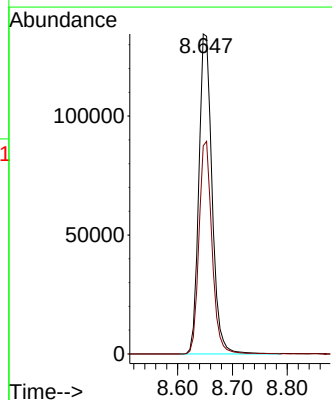
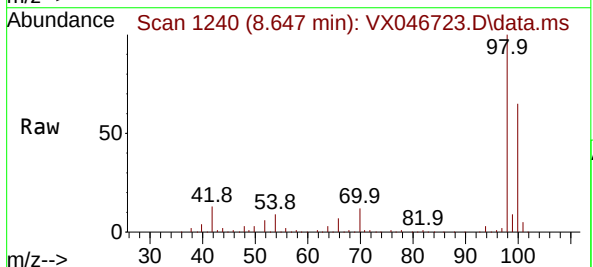
Instrument :
MSVOA_X
ClientSampleId :
IBLK

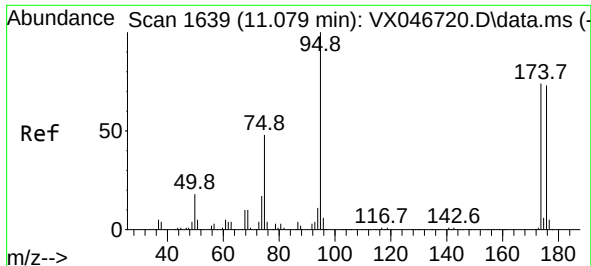
Tgt Ion:113 Resp: 60232
Ion Ratio Lower Upper
113 100
111 103.7 82.0 123.0
192 19.1 15.3 22.9



#50
Toluene-d8
Concen: 49.927 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 98 Resp: 225712
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 47.216 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

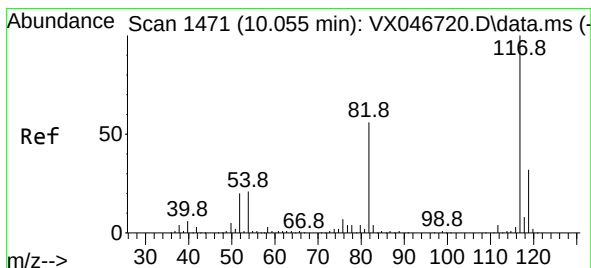
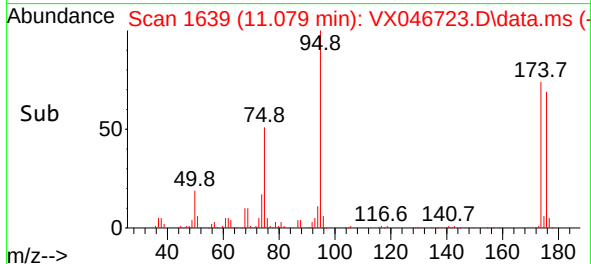
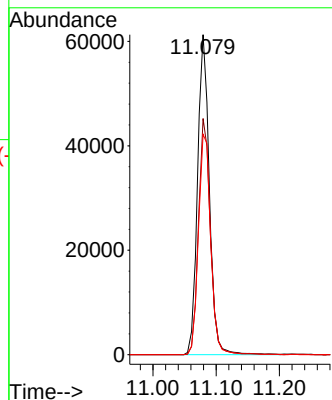
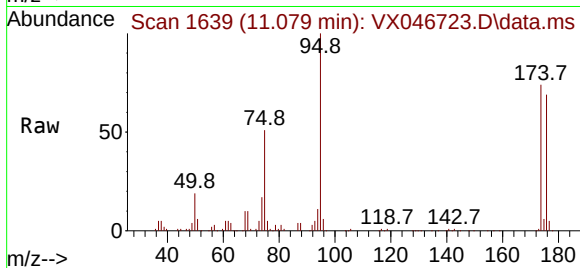
Tgt Ion: 95 Resp: 79570

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.4

176 72.1 0.0 145.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

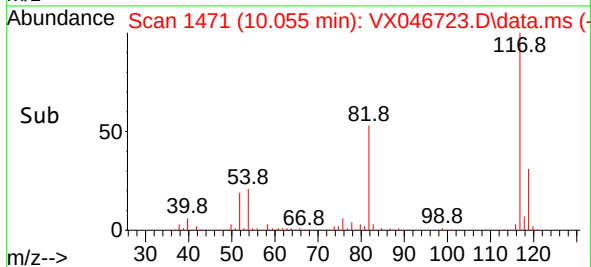
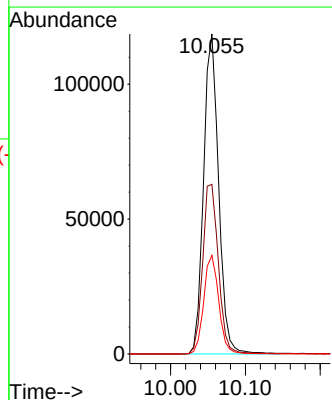
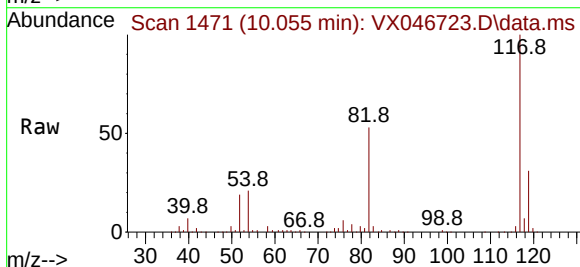
Tgt Ion: 117 Resp: 165765

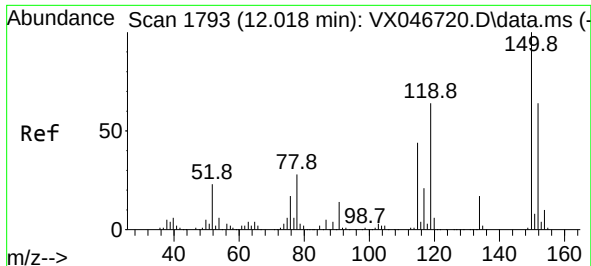
Ion Ratio Lower Upper

117 100

82 53.0 44.6 66.8

119 30.8 25.8 38.8

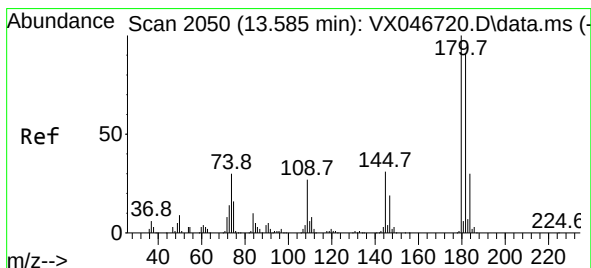
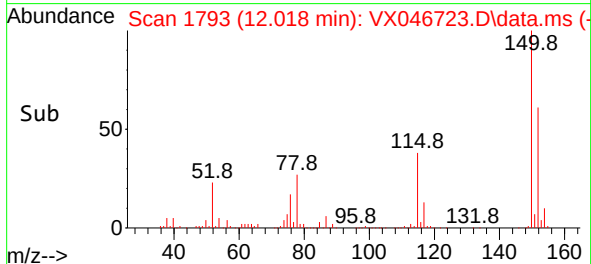
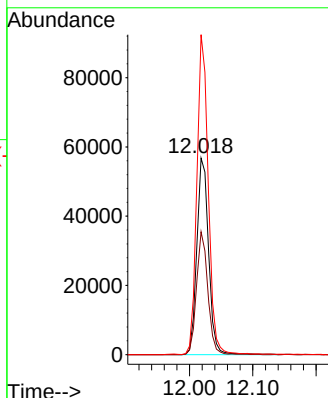
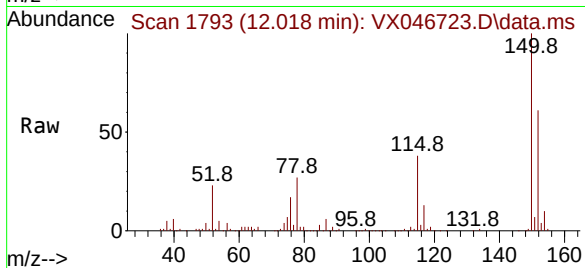




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

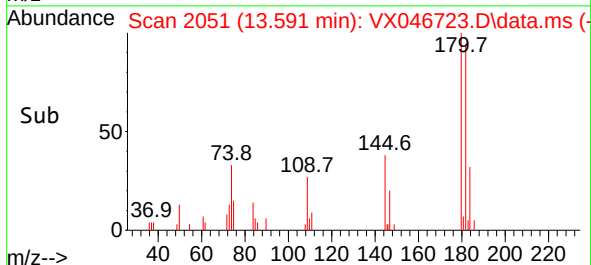
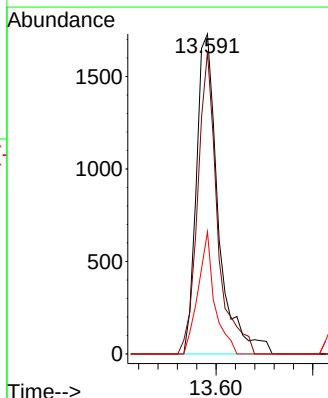
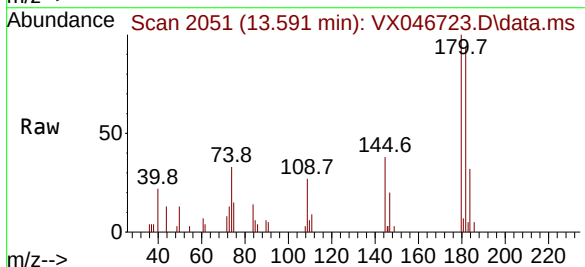
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

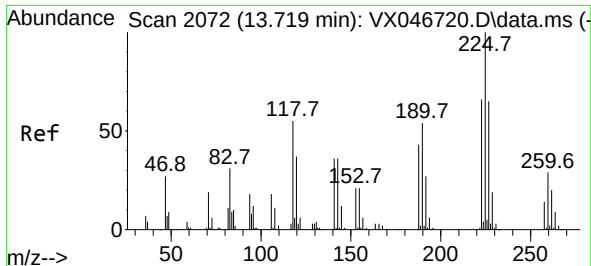
Tgt Ion:152 Resp: 73855
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.2 129.6
 150 156.9 0.0 346.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.603 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

Tgt Ion:180 Resp: 2718
 Ion Ratio Lower Upper
 180 100
 182 85.0 46.7 140.1
 145 28.8 15.8 47.4

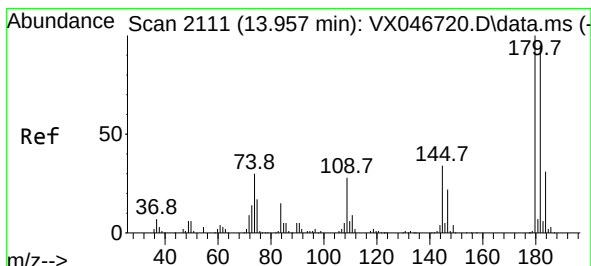
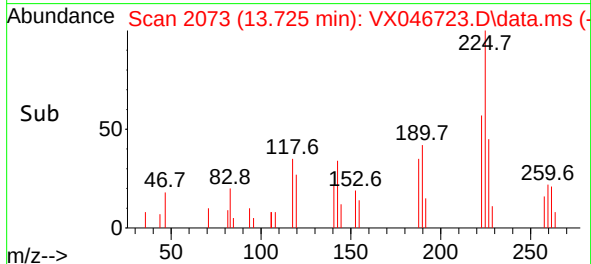
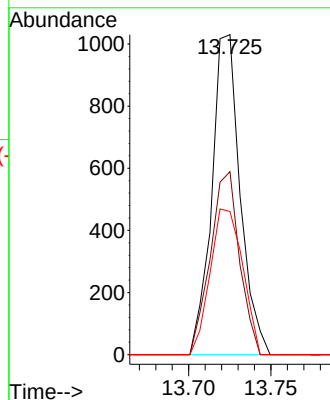
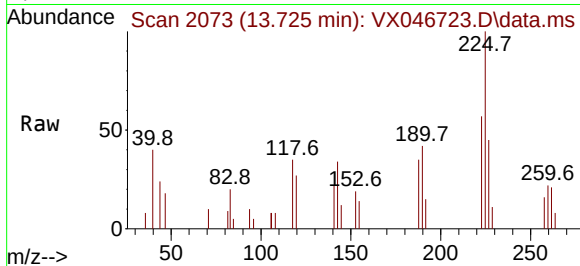




#94
Hexachlorobutadiene
Concen: 1.736 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Instrument :
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Tgt Ion:	225	Resp:	1238
Ion	Ratio	Lower	Upper
225	100		
223	58.6	32.5	97.5
227	52.0	32.2	96.6



#96
1,2,3-Trichlorobenzene
Concen: 1.390 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion:	180	Resp:	2255
Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.8	143.4
145	29.4	17.3	51.9

