

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046816.D
 Acq On : 23 Jun 2025 13:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:07:09 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)

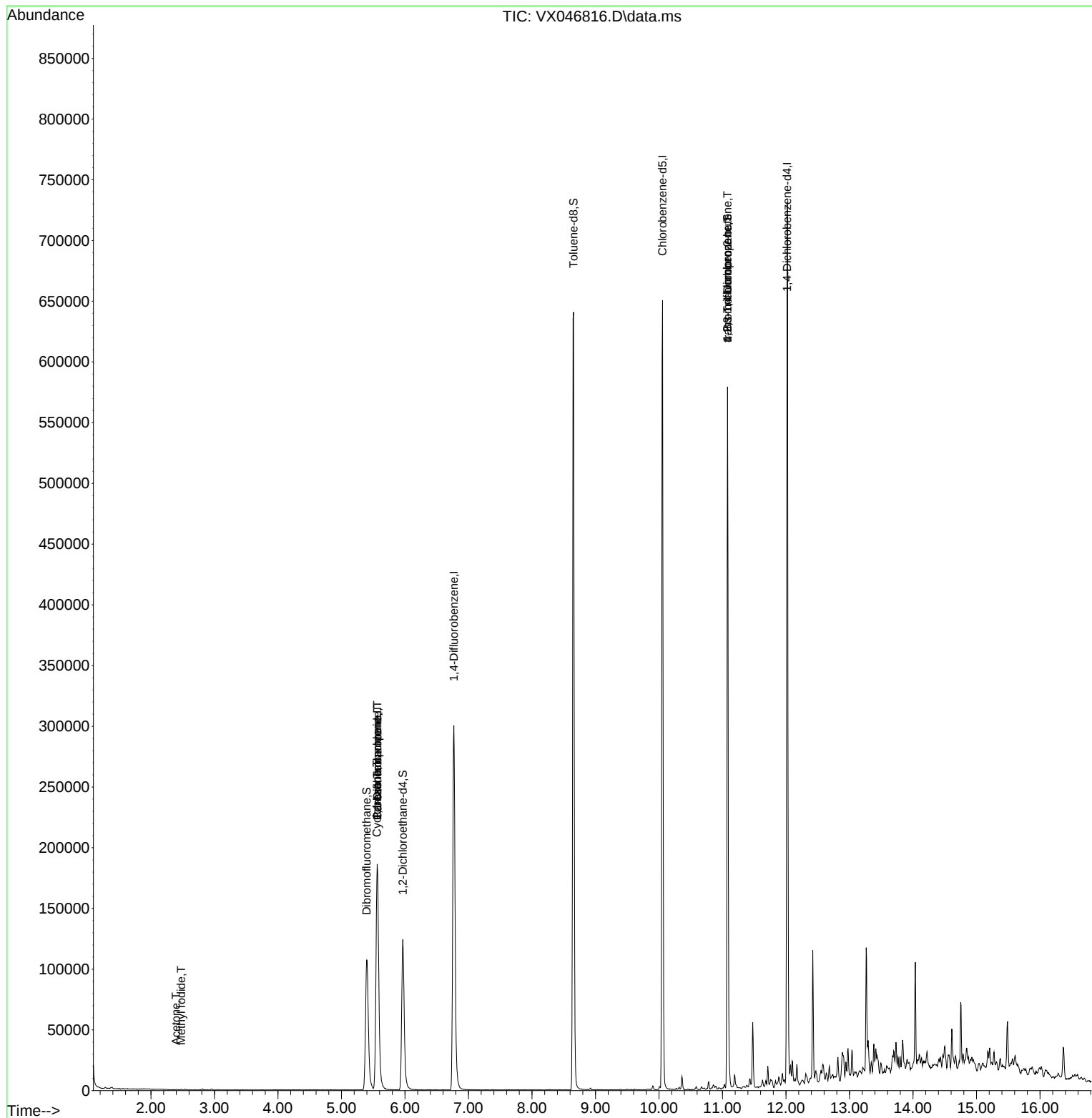
Internal Standards						
1) Pentafluorobenzene	5.562	168	193474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125799	47.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.020%
35) Dibromofluoromethane	5.397	113	104240	47.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.653	98	399221	50.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	151458	51.390	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.780%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	283	4.427	ug/l #	78
16) Acetone	2.392	43	271	0.304	ug/l #	44
31) Cyclohexane	5.556	56	3897	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15274	4.808	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19482	5.651	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	75611	27.533	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	75611	77.824	ug/l #	7

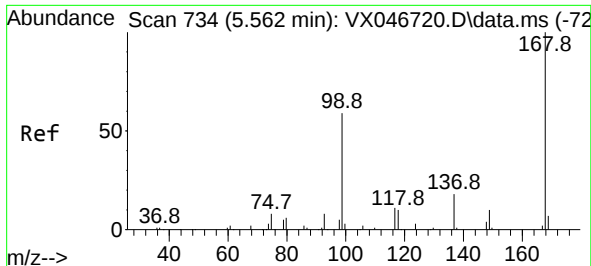
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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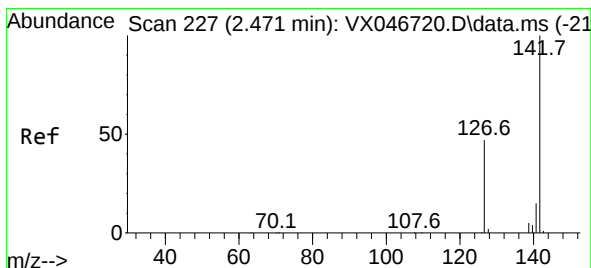
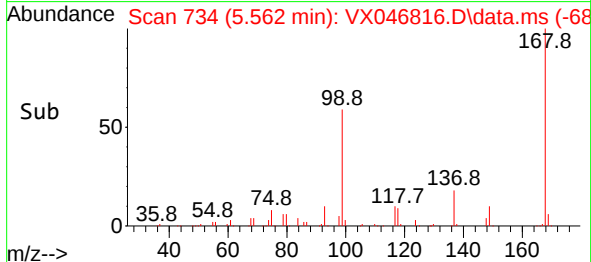
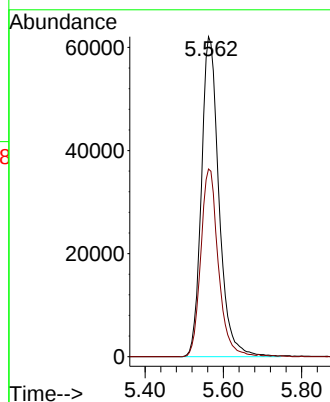
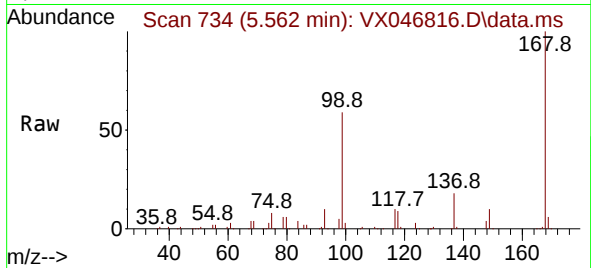




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

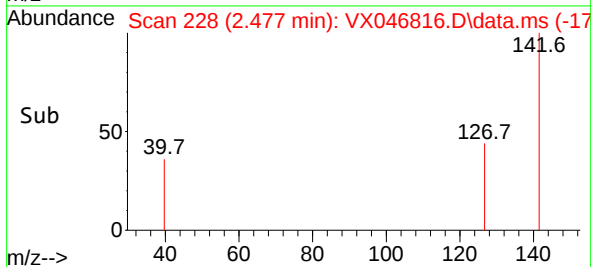
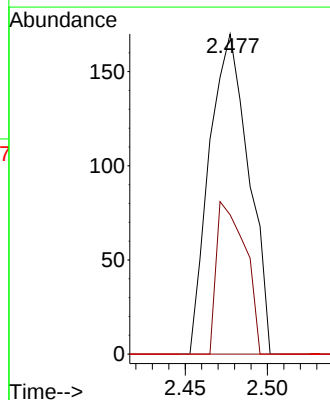
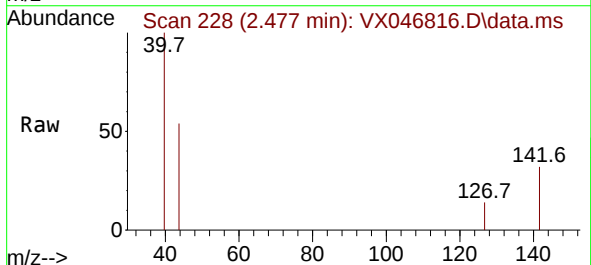
Instrument :
MSVOA_X
ClientSampleId :
IBLK

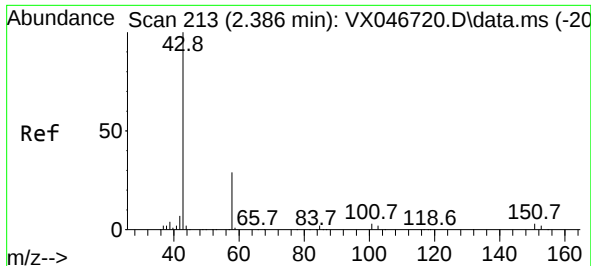
Tgt Ion:168 Resp: 193474
Ion Ratio Lower Upper
168 100
99 58.6 48.5 72.7



#10
Methyl Iodide
Concen: 4.427 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

Tgt Ion:142 Resp: 283
Ion Ratio Lower Upper
142 100
127 34.6 37.0 55.6#
141 0.0 11.5 17.3#

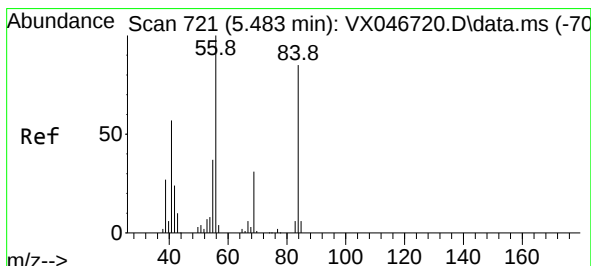
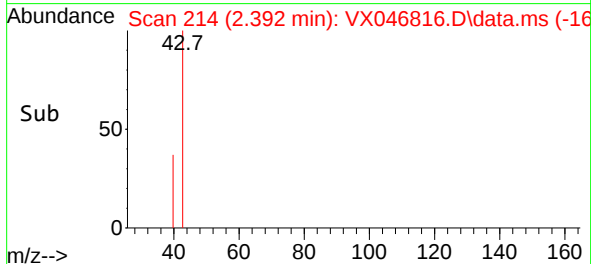
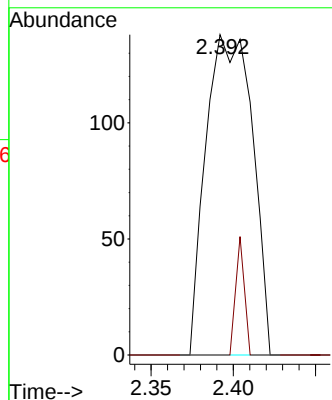
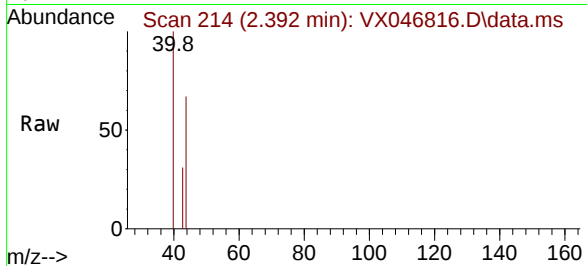




#16
Acetone
Concen: 0.304 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

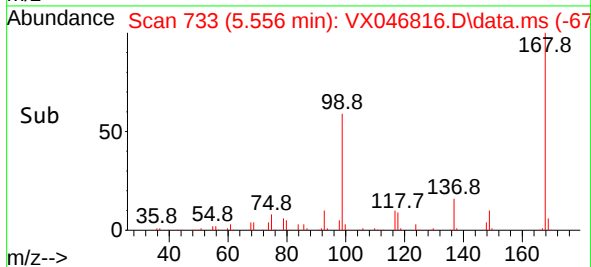
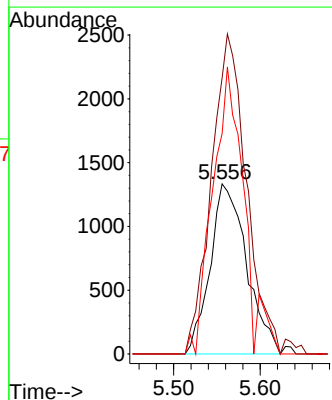
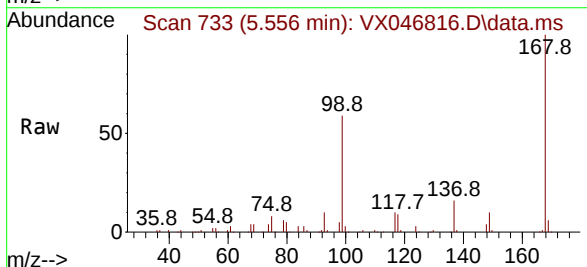
Instrument :
MSVOA_X
ClientSampleId :
IBLK

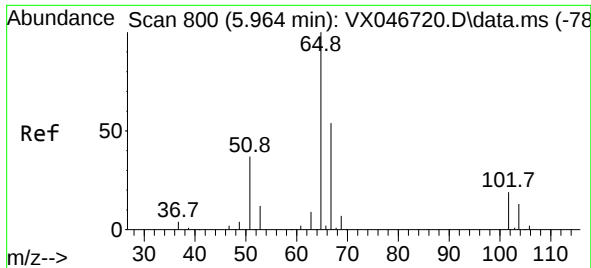
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

Tgt Ion: 56 Resp: 3897
Ion Ratio Lower Upper
56 100
69 162.2 24.8 37.2#
84 129.5 68.2 102.2#

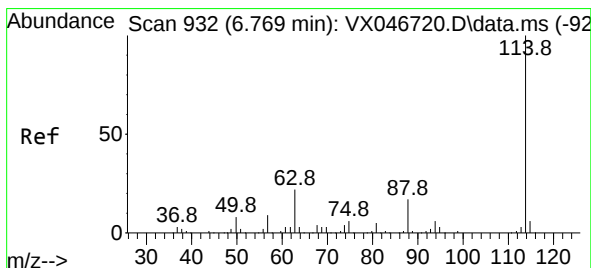
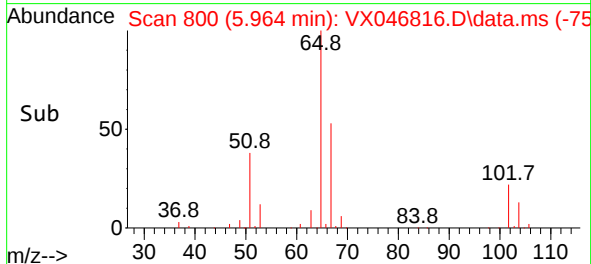
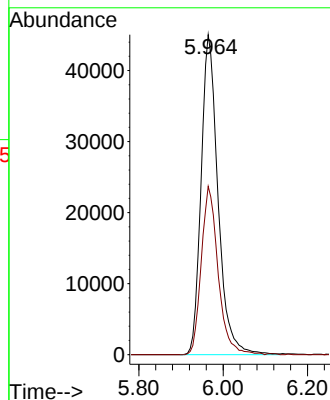
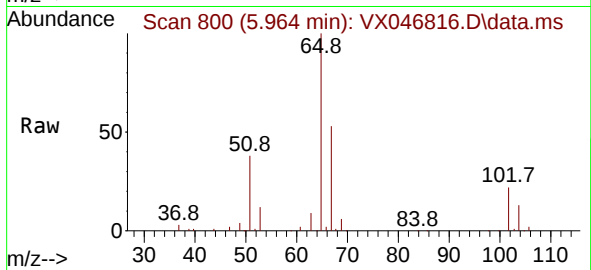




#33
 1,2-Dichloroethane-d4
 Concen: 47.009 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046816.D
 Acq: 23 Jun 2025 13:46

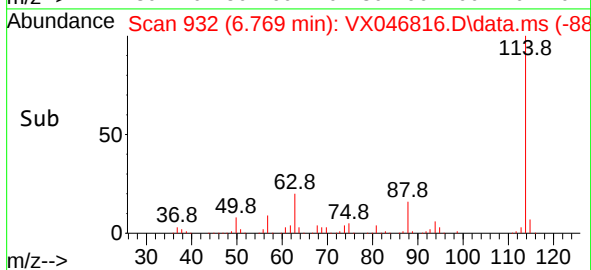
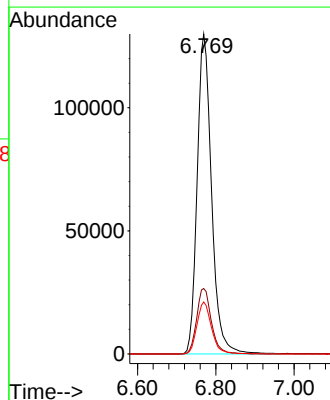
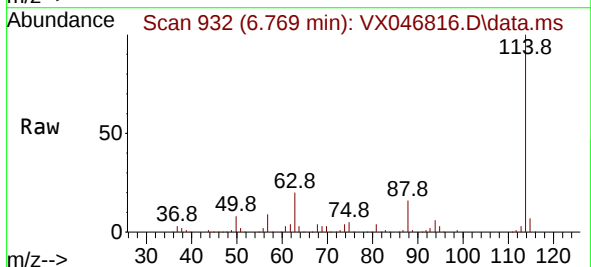
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

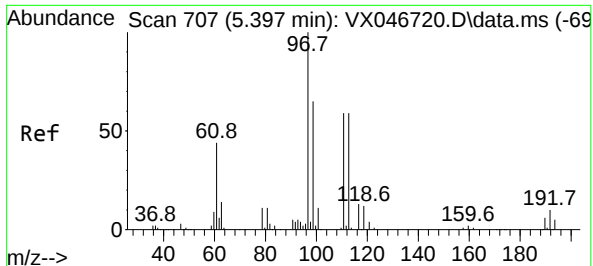
Tgt Ion: 65 Resp: 125799
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046816.D
 Acq: 23 Jun 2025 13:46

Tgt Ion: 114 Resp: 332607
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 44.2
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.368 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046816.D

Acq: 23 Jun 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

IBLK

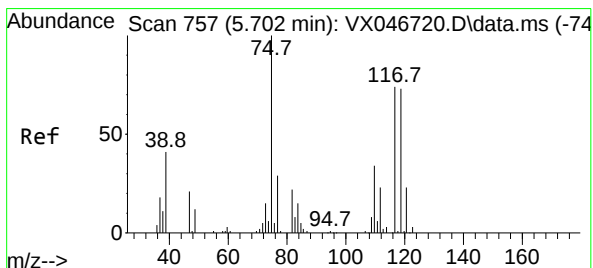
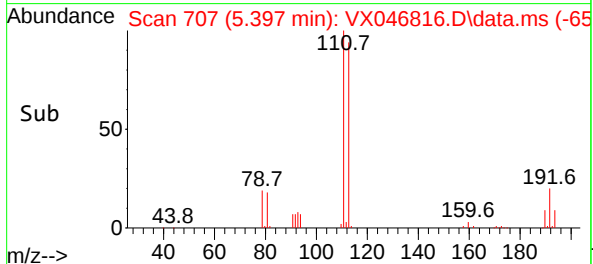
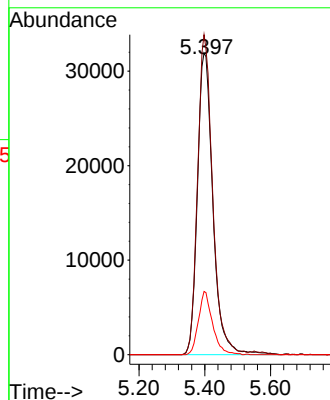
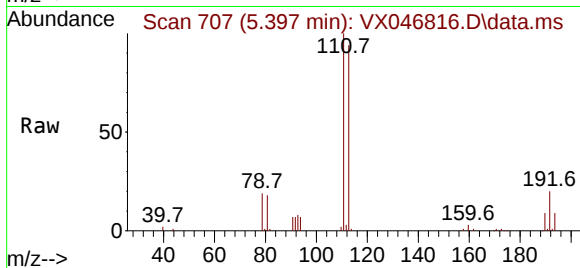
Tgt Ion:113 Resp: 104240

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 19.1 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046816.D

Acq: 23 Jun 2025 13:46

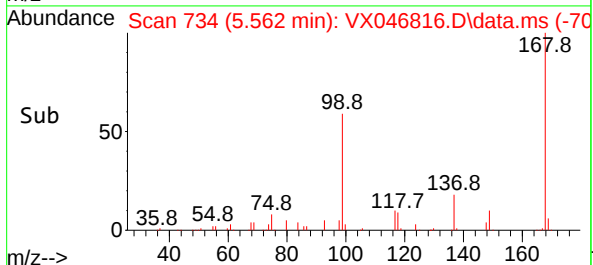
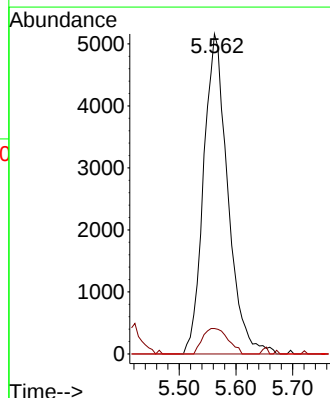
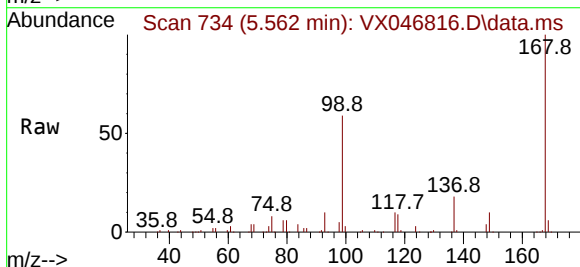
Tgt Ion: 75 Resp: 15274

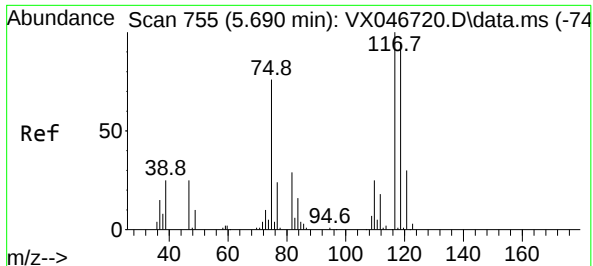
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.5#

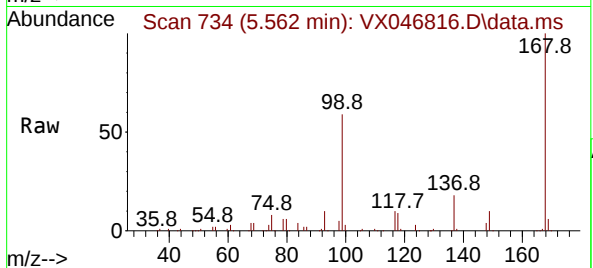
77 0.0 24.2 36.4#



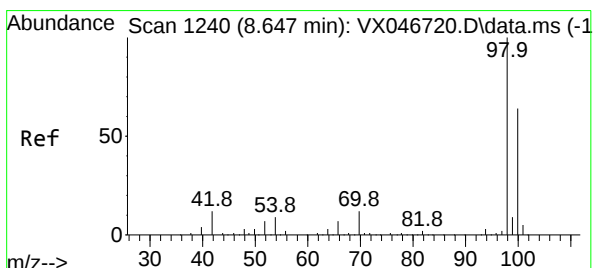
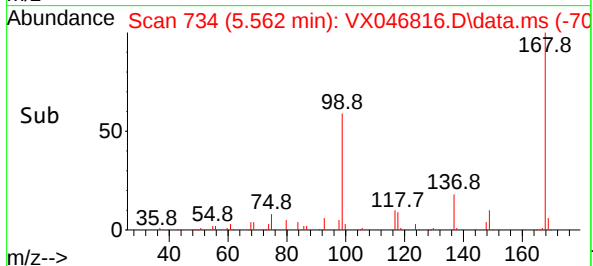
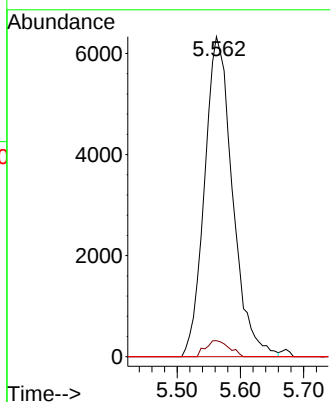


#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

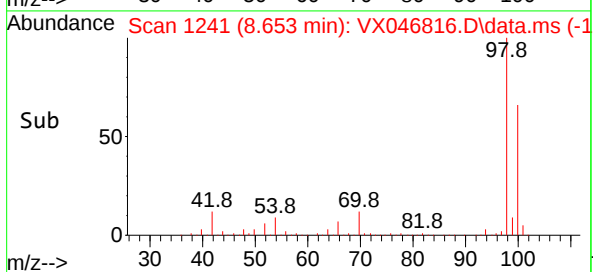
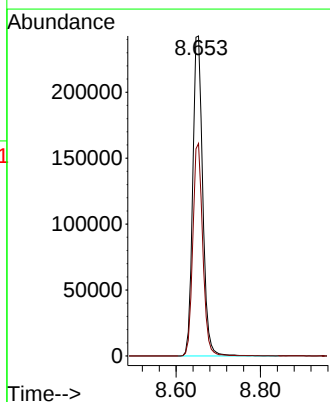
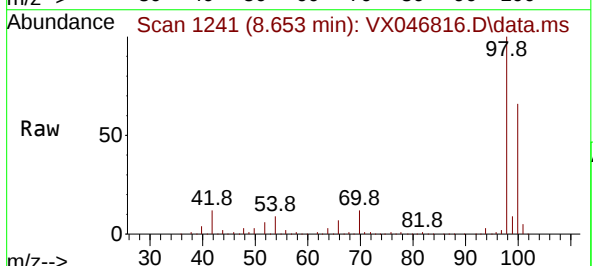


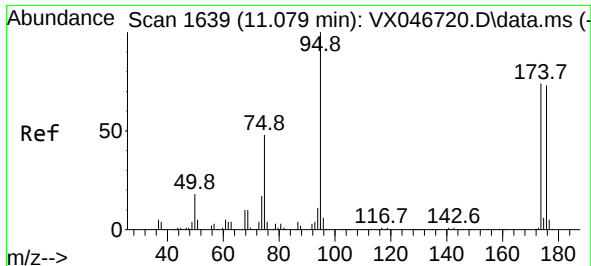
Tgt Ion:117 Resp: 19482
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046816.D
Acq: 23 Jun 2025 13:46

Tgt Ion: 98 Resp: 399221
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 51.390 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046816.D

Acq: 23 Jun 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

IBLK

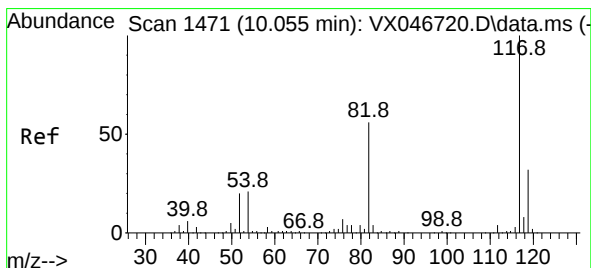
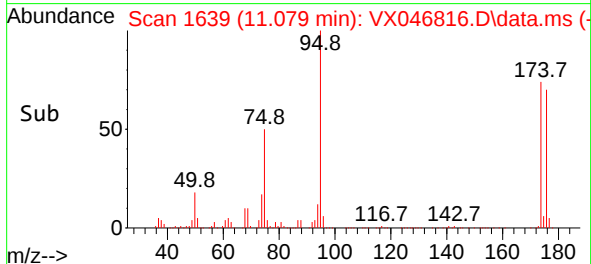
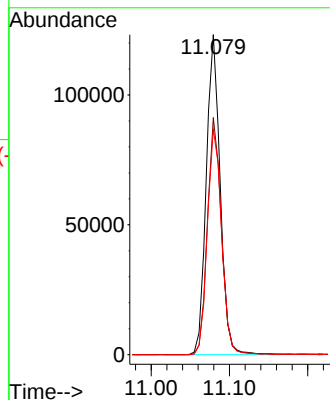
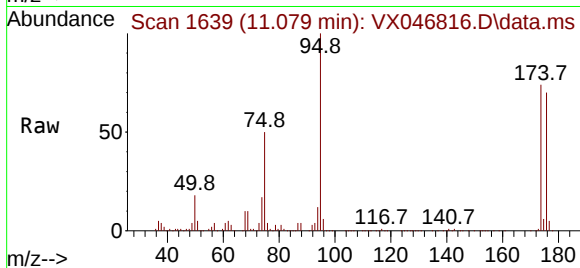
Tgt Ion: 95 Resp: 151458

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.4

176 72.5 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: VX046816.D

Acq: 23 Jun 2025 13:46

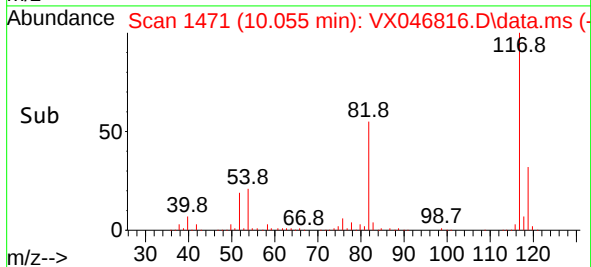
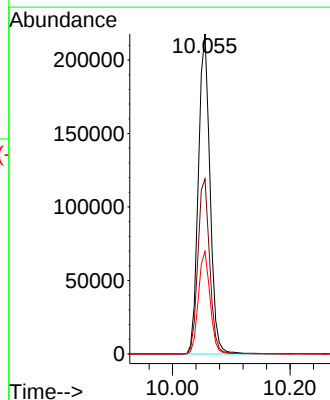
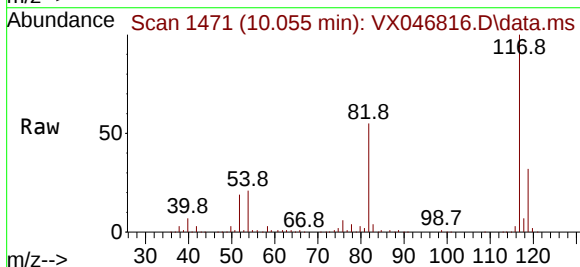
Tgt Ion: 117 Resp: 299510

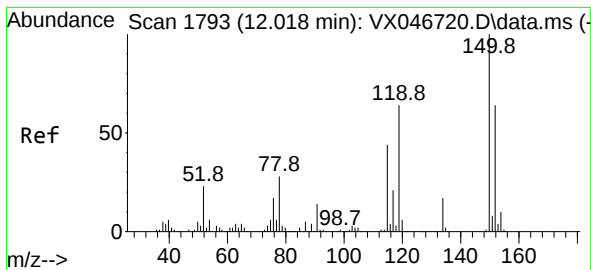
Ion Ratio Lower Upper

117 100

82 54.7 44.6 66.8

119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046816.D

Acq: 23 Jun 2025 13:46

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ClientSampleId :

IBLK

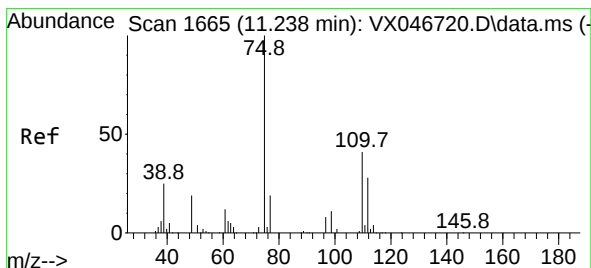
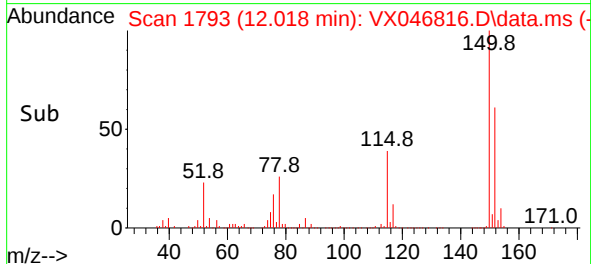
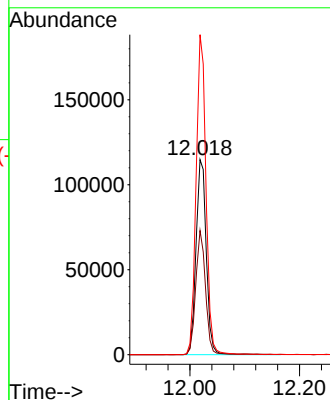
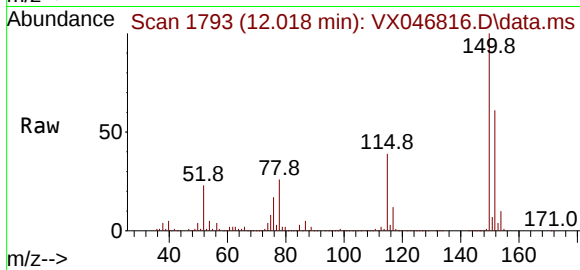
Tgt Ion:152 Resp: 149941

Ion Ratio Lower Upper

152 100

115 61.0 43.2 129.6

150 158.2 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 27.533 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046816.D

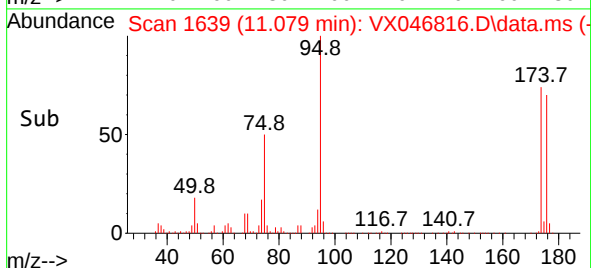
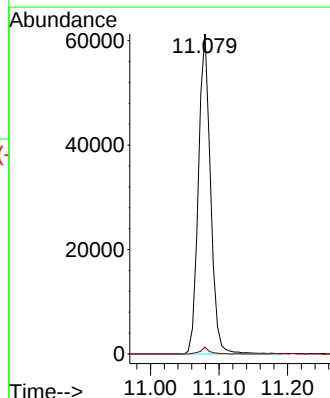
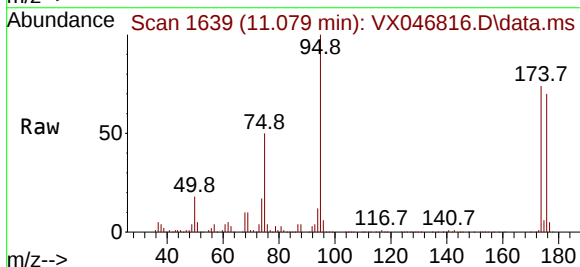
Acq: 23 Jun 2025 13:46

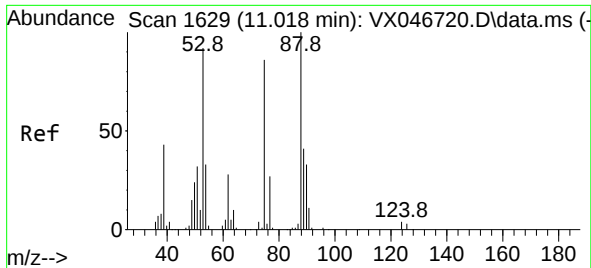
Tgt Ion: 75 Resp: 75611

Ion Ratio Lower Upper

75 100

77 1.6 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.824 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046816.D
 Acq: 23 Jun 2025 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 75611
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.0 36.9 55.3#

