

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046822.D
 Acq On : 23 Jun 2025 15:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:09:17 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)

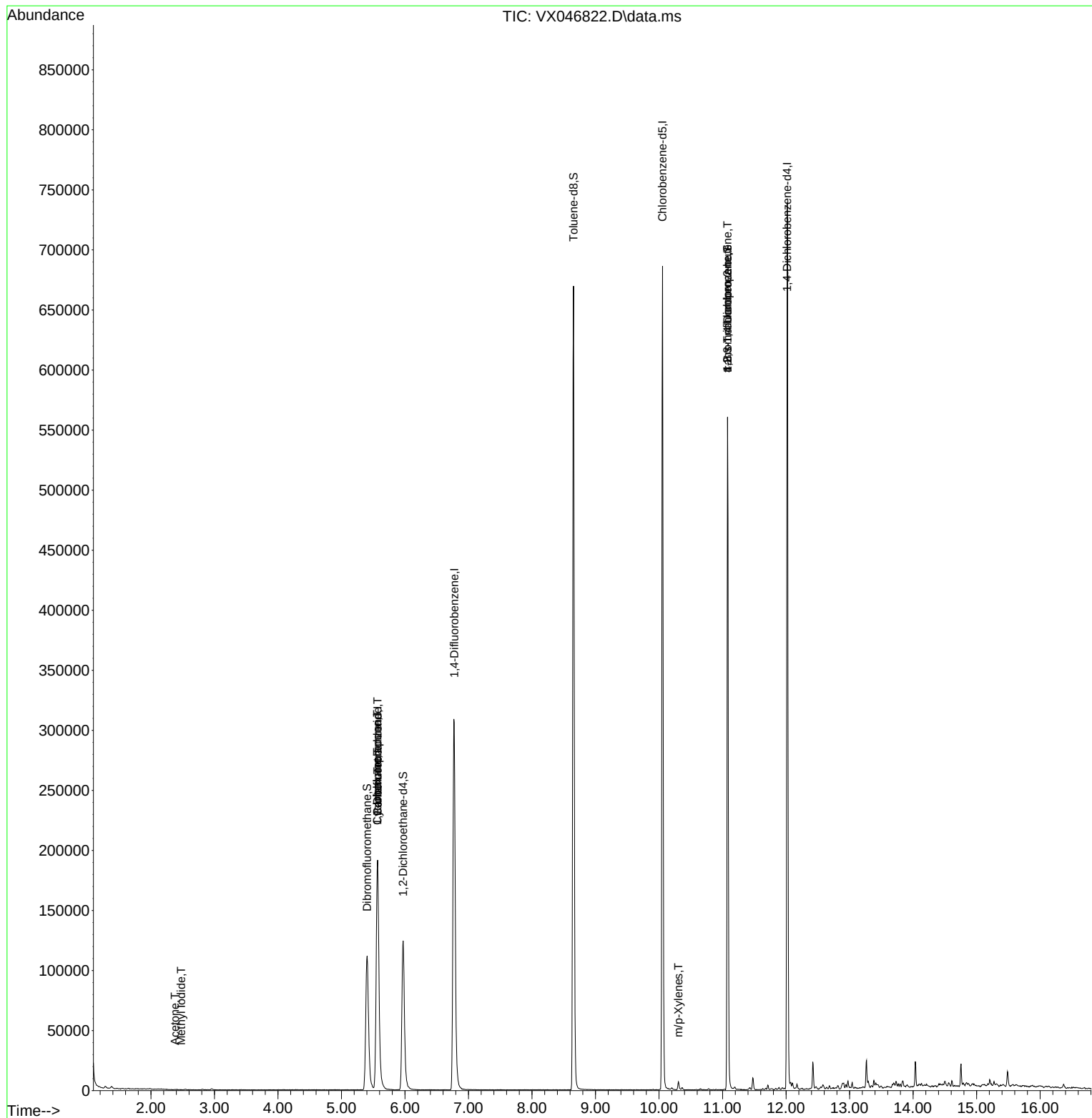
Internal Standards						
1) Pentafluorobenzene	5.568	168	197360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	343501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	129235	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.403	113	108025	47.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.653	98	405035	49.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	155132	50.967	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.940%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	109	4.369	ug/l #	38
16) Acetone	2.379	43	215	0.236	ug/l #	44
31) Cyclohexane	5.562	56	3690	0.903	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15771	4.807	ug/l #	51
38) Carbon Tetrachloride	5.568	117	20062	5.635	ug/l #	17
68) m/p-Xylenes	10.305	106	1867	0.427	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	77523	27.296	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	77523	77.156	ug/l #	7

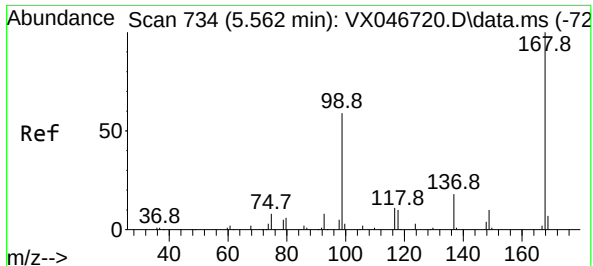
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046822.D
Acq On : 23 Jun 2025 15:55
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

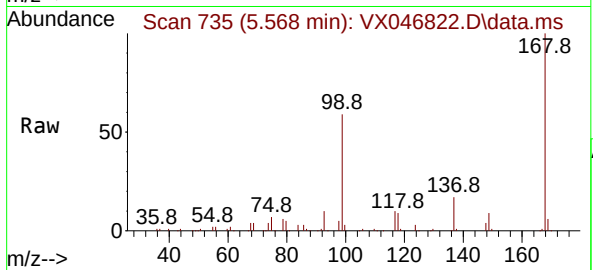
Quant Time: Jun 24 04:09:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



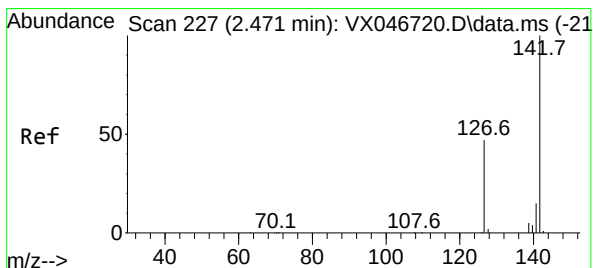
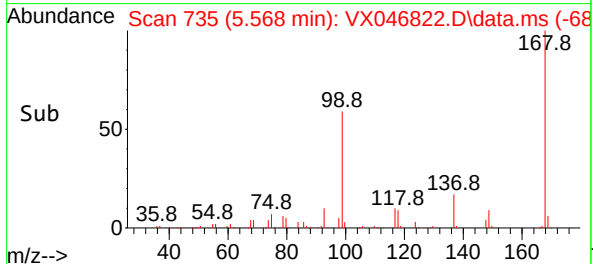
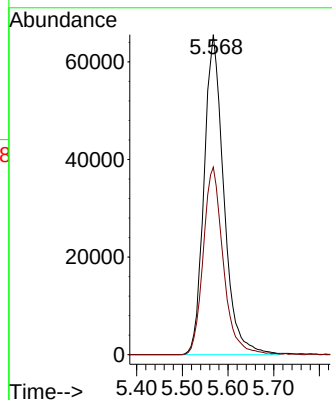


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

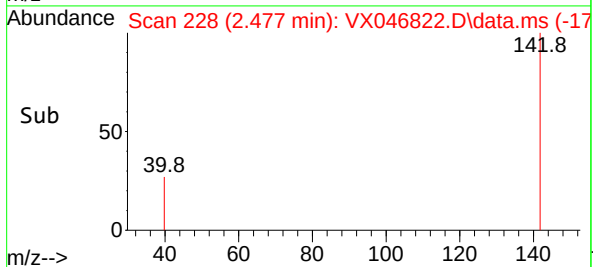
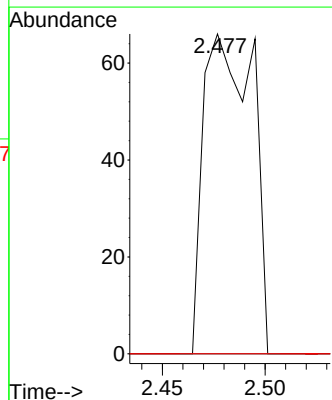
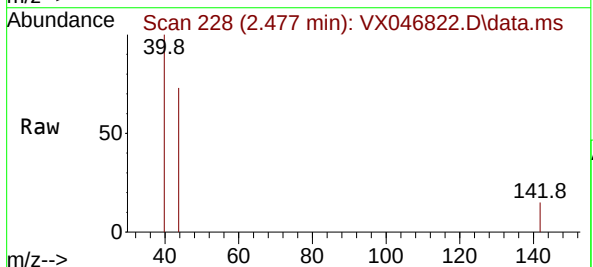


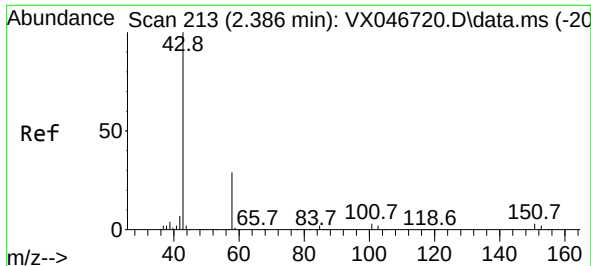
Tgt Ion:168 Resp: 197360
Ion Ratio Lower Upper
168 100
99 58.6 48.5 72.7



#10
Methyl Iodide
Concen: 4.369 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

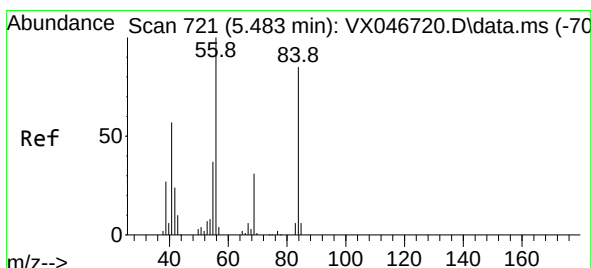
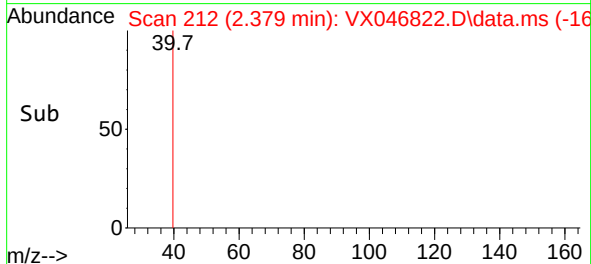
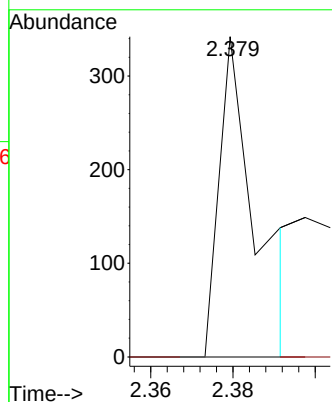
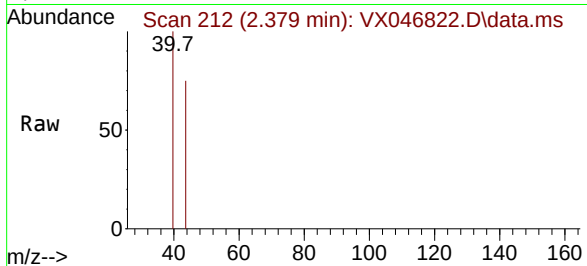




#16
Acetone
Concen: 0.236 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

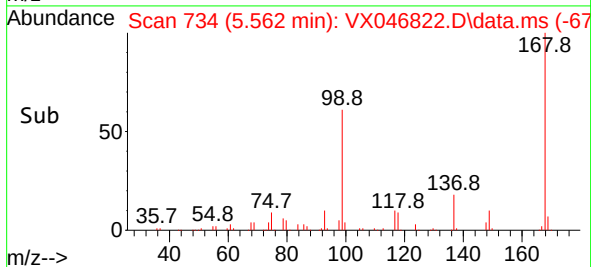
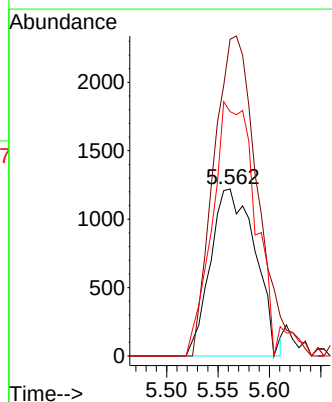
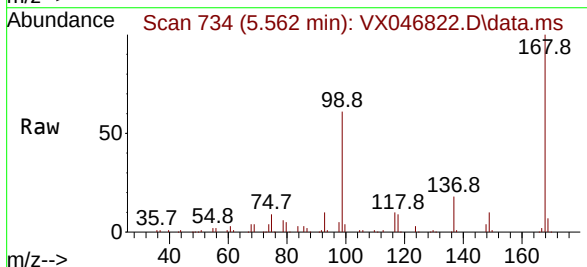
Instrument :
MSVOA_X
ClientSampleId :
IBLK

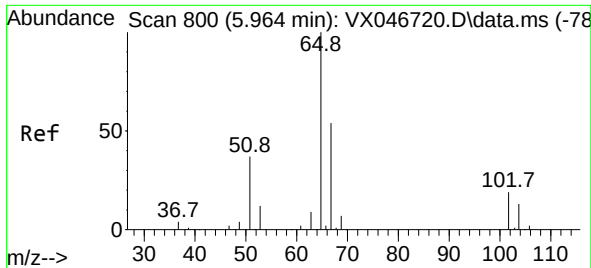
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.903 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion: 56 Resp: 3690
Ion Ratio Lower Upper
56 100
69 189.5 24.8 37.2#
84 146.3 68.2 102.2#

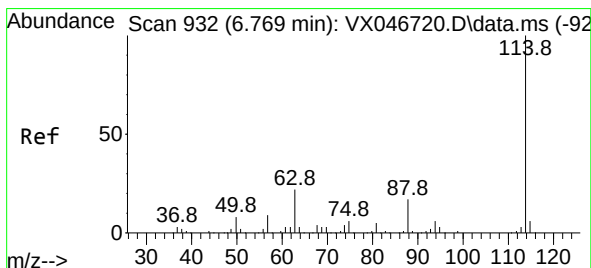
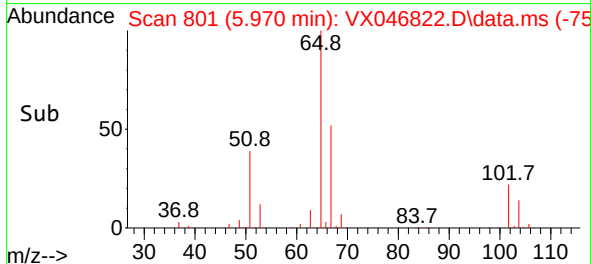
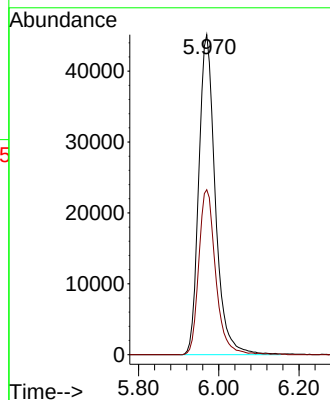
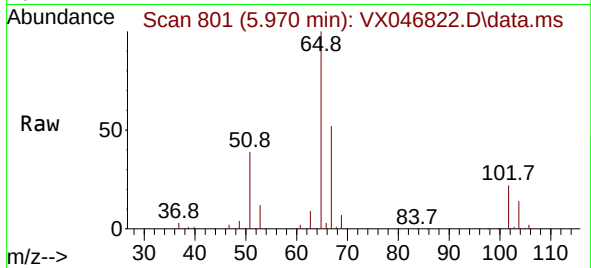




#33
 1,2-Dichloroethane-d4
 Concen: 47.342 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX046822.D
 Acq: 23 Jun 2025 15:55

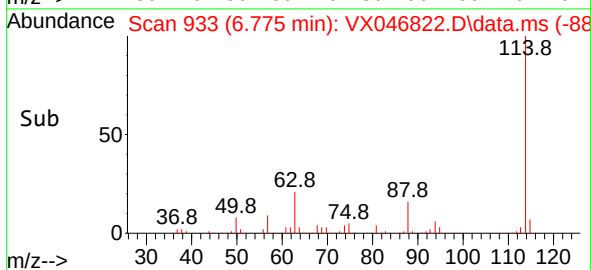
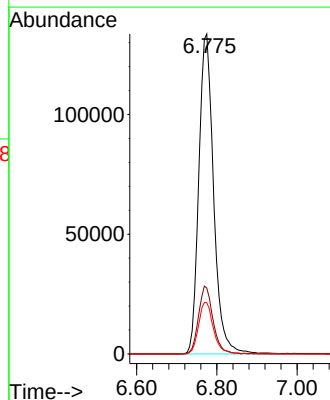
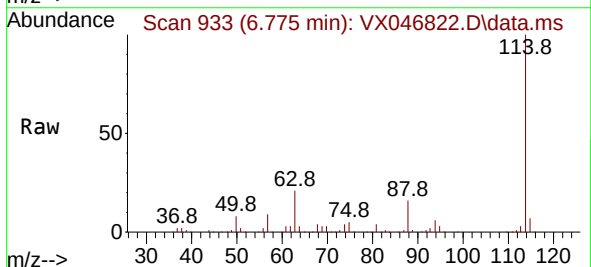
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

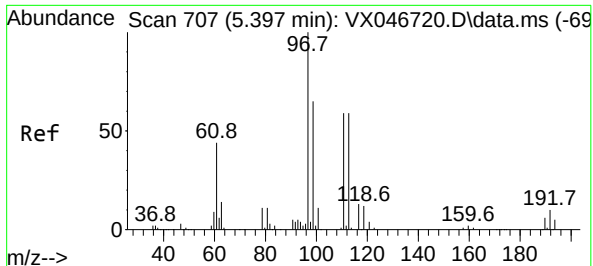
Tgt Ion: 65 Resp: 129235
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX046822.D
 Acq: 23 Jun 2025 15:55

Tgt Ion: 114 Resp: 343501
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.2
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.531 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX046822.D

Acq: 23 Jun 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

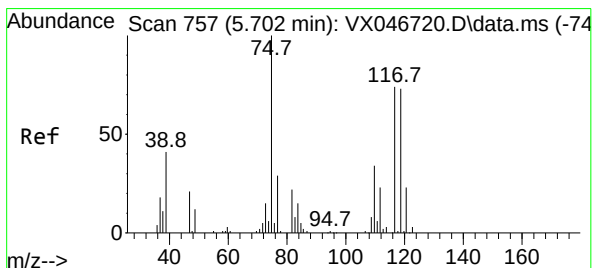
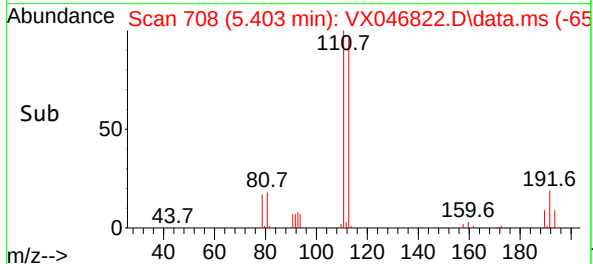
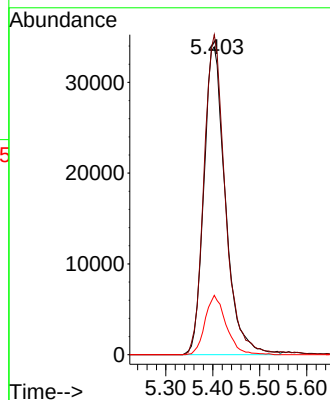
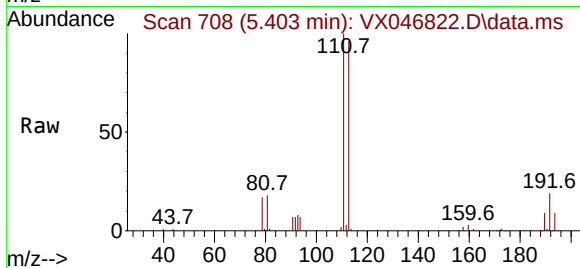
Tgt Ion:113 Resp: 108025

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.9 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.807 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.141 min

Lab File: VX046822.D

Acq: 23 Jun 2025 15:55

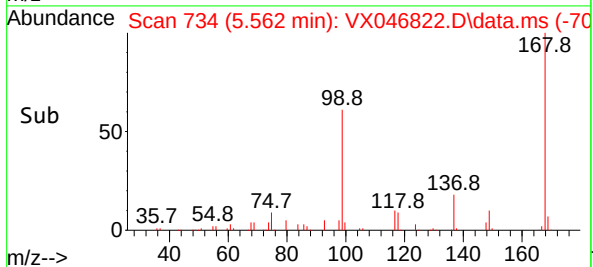
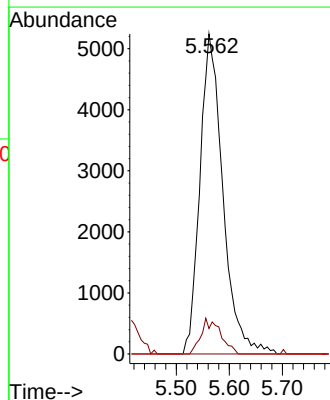
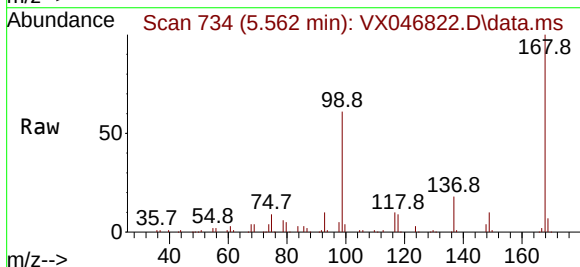
Tgt Ion: 75 Resp: 15771

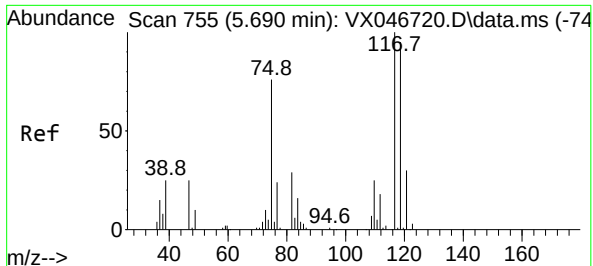
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.5#

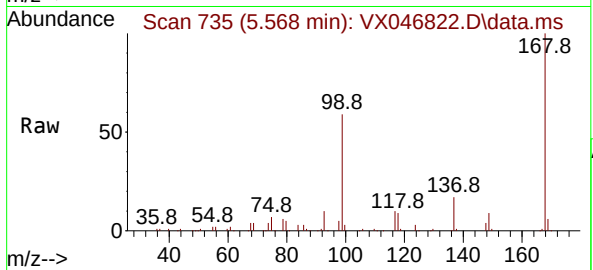
77 0.0 24.2 36.4#



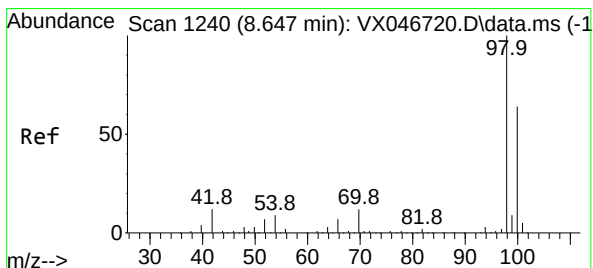
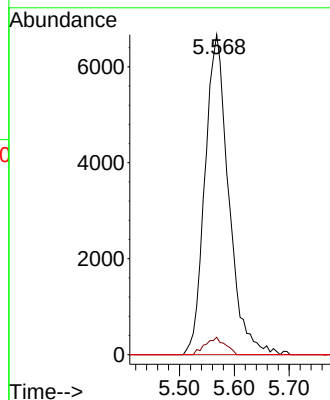
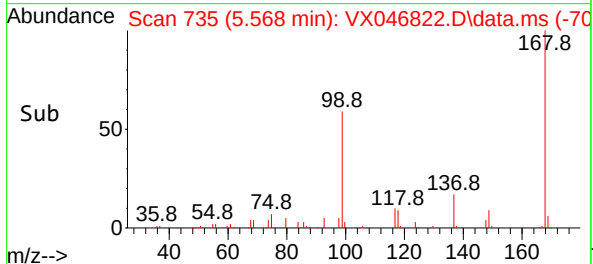


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

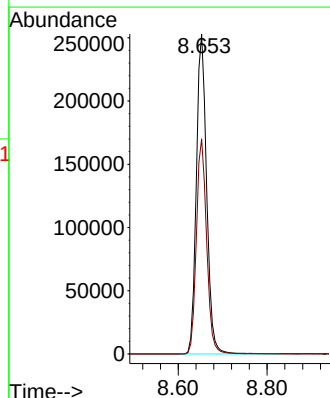
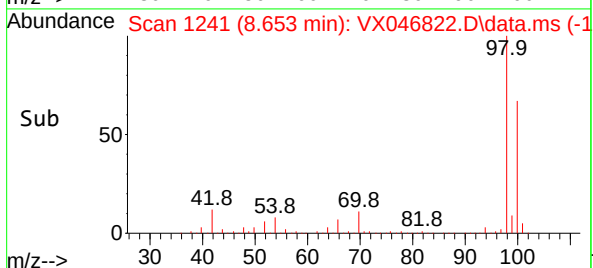
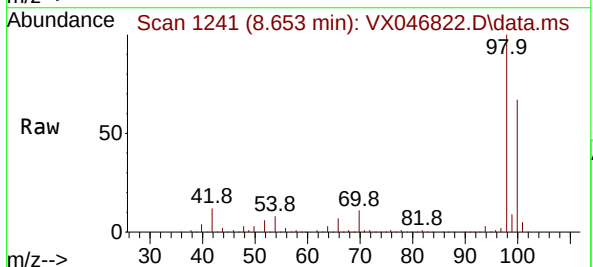


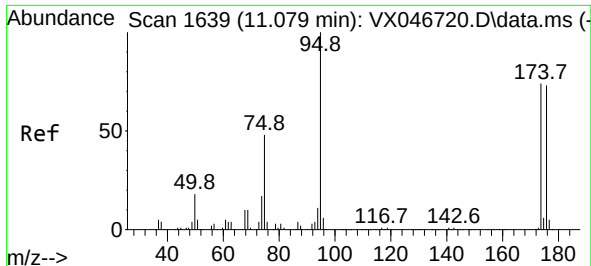
Tgt Ion:117 Resp: 20062
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion: 98 Resp: 405035
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 50.967 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046822.D

Acq: 23 Jun 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

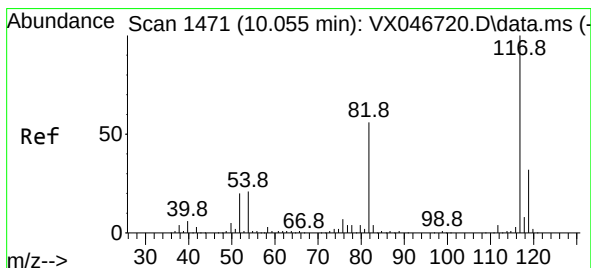
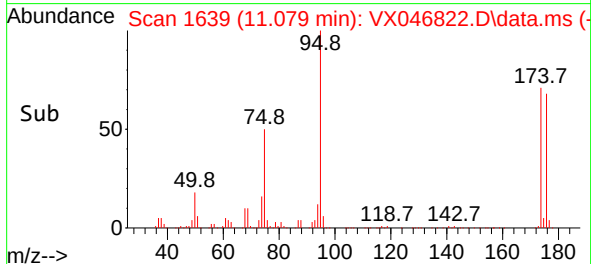
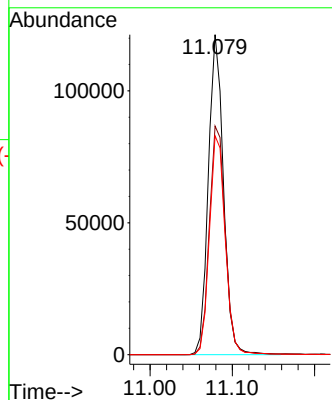
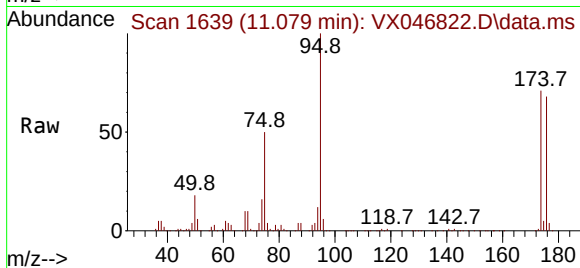
Tgt Ion: 95 Resp: 155132

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

176 71.6 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: VX046822.D

Acq: 23 Jun 2025 15:55

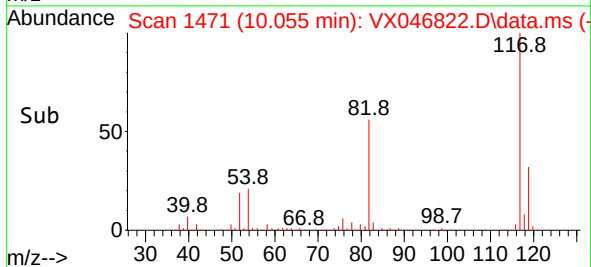
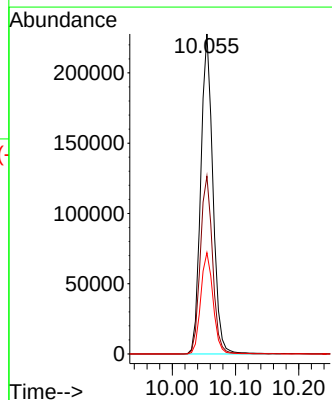
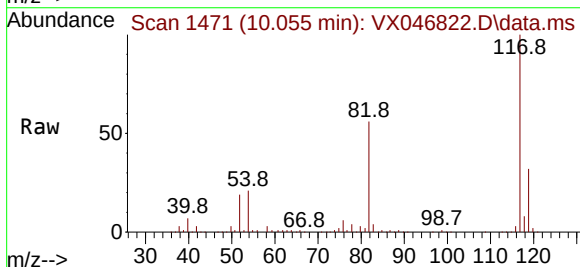
Tgt Ion: 117 Resp: 304462

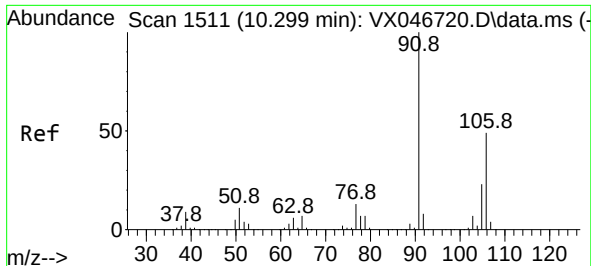
Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

119 31.7 25.8 38.8

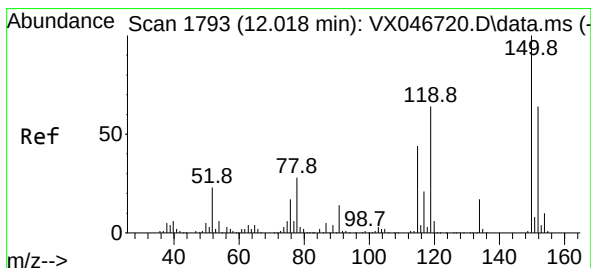
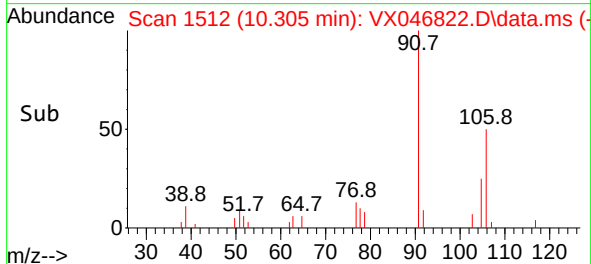
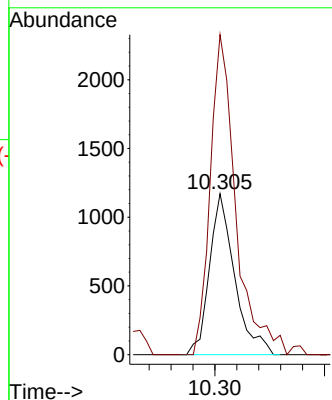
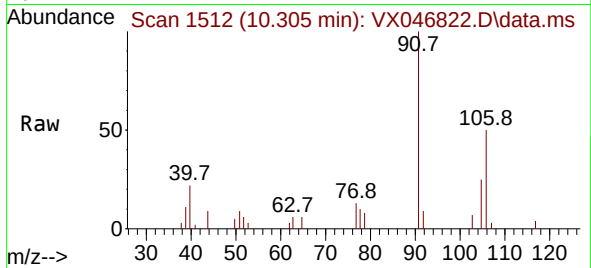




#68
m/p-Xylenes
Concen: 0.427 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

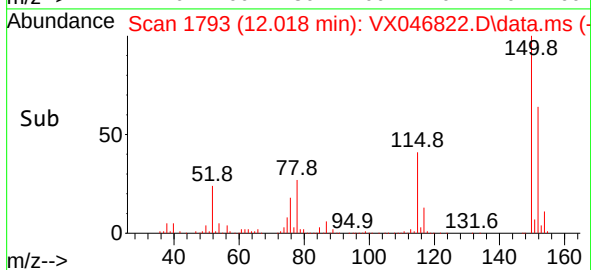
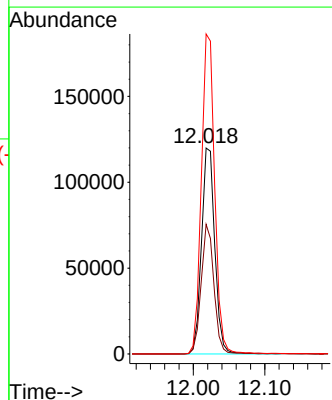
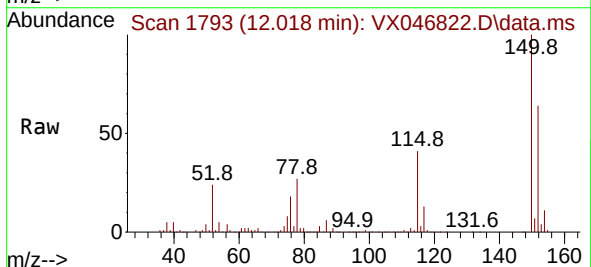
Instrument :
MSVOA_X
ClientSampleId :
IBLK

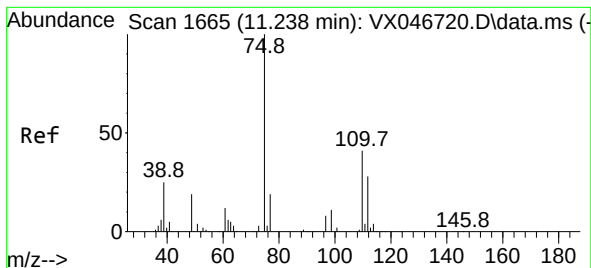
Tgt Ion:106 Resp: 1867
Ion Ratio Lower Upper
106 100
91 204.3 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion:152 Resp: 155064
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 155.5 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.296 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046822.D

Acq: 23 Jun 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

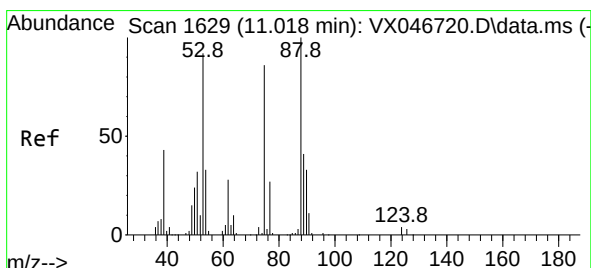
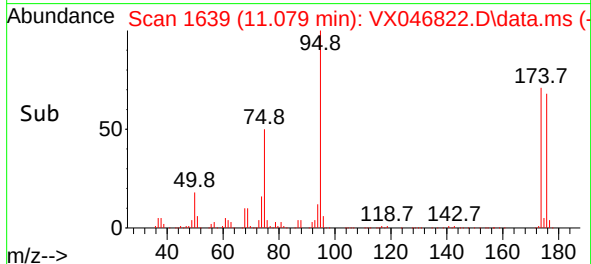
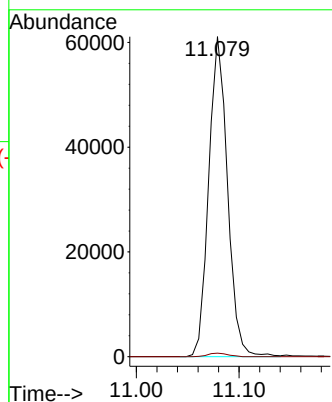
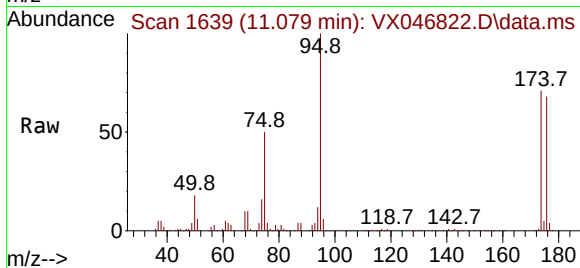
IBLK

Tgt Ion: 75 Resp: 77523

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046822.D

Acq: 23 Jun 2025 15:55

Tgt Ion: 75 Resp: 77523

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

