

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046659.D
 Acq On : 12 Jun 2025 13:10
 Operator : JC/MD
 Sample : VX0612WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBL01

Quant Time: Jun 13 01:42:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

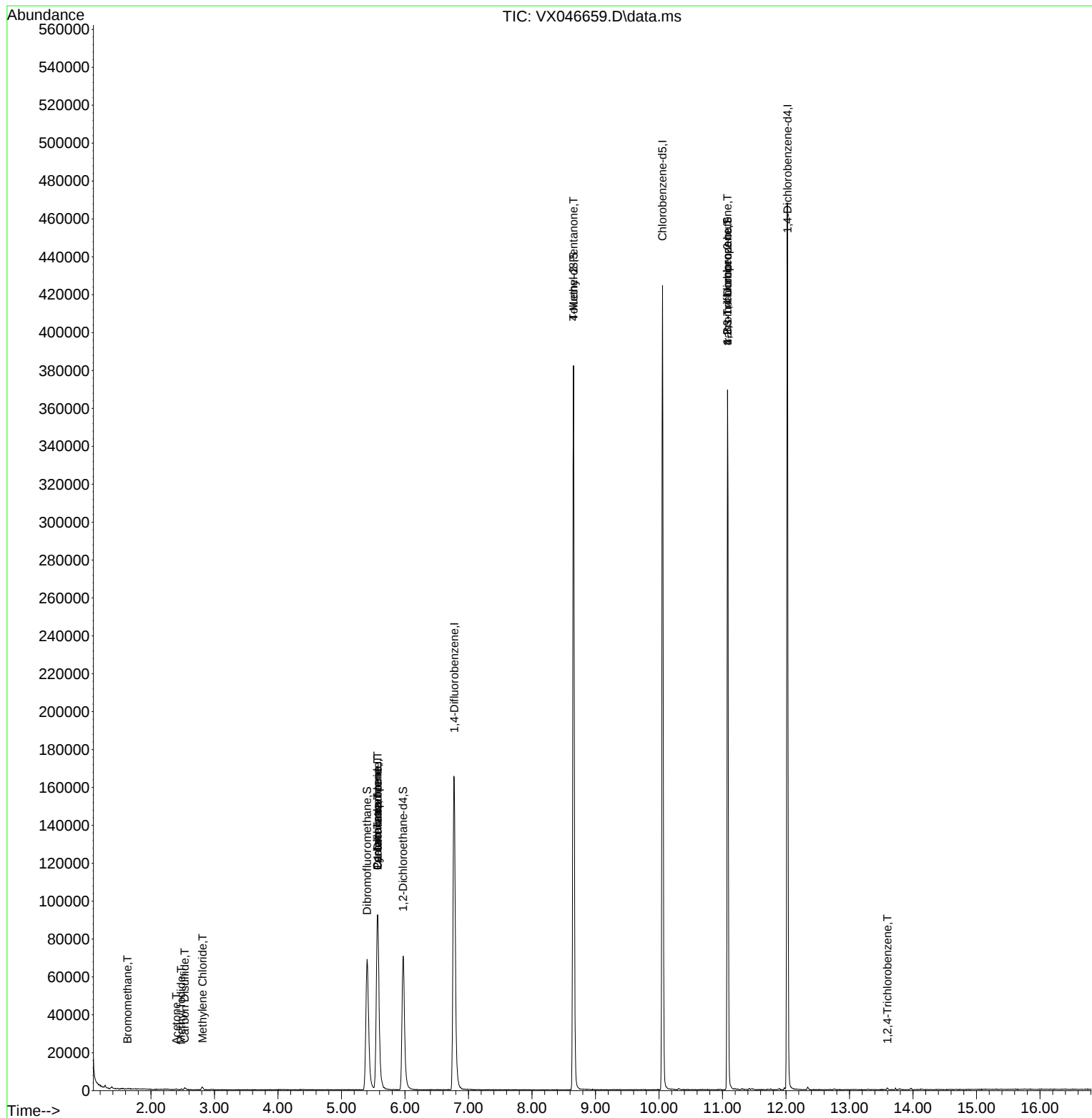
Internal Standards						
1) Pentafluorobenzene	5.568	168	92224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	180952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	75758	46.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.340%		
35) Dibromofluoromethane	5.404	113	64522	48.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	8.653	98	229993	52.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.840%		
62) 4-Bromofluorobenzene	11.079	95	99118	54.605	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.200%		
Target Compounds			Qvalue			
5) Bromomethane	1.630	94	177	0.251	ug/l #	4
10) Methyl Iodide	2.477	142	434	0.331	ug/l #	63
16) Acetone	2.398	43	407	5.215	ug/l #	48
17) Carbon Disulfide	2.532	76	1032	0.645	ug/l #	76
20) Methylene Chloride	2.813	84	811	0.616	ug/l #	81
31) Cyclohexane	5.568	56	2157	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	8218	4.323	ug/l #	52
38) Carbon Tetrachloride	5.568	117	10004	4.699	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1065	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51735	25.614	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	51735	73.886	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	465	0.209	ug/l #	77

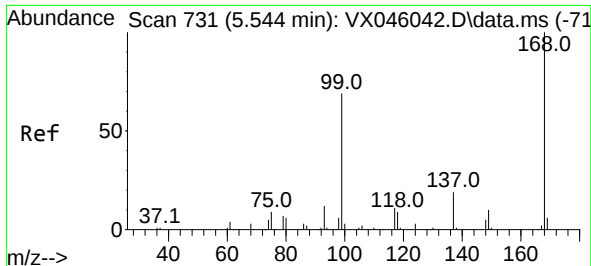
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046659.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Quant Time: Jun 13 01:42:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

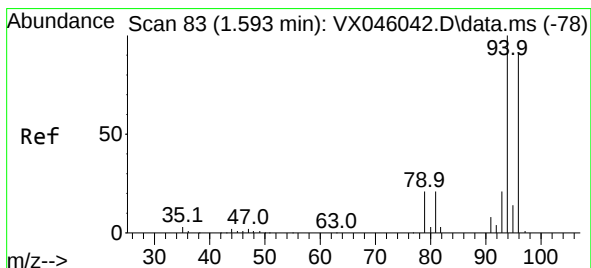
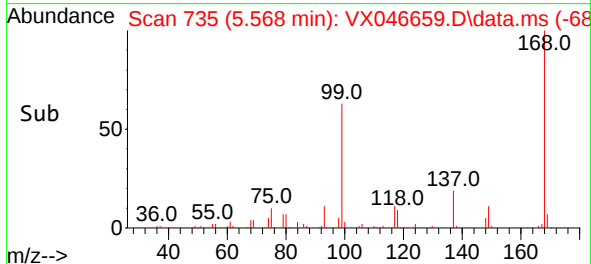
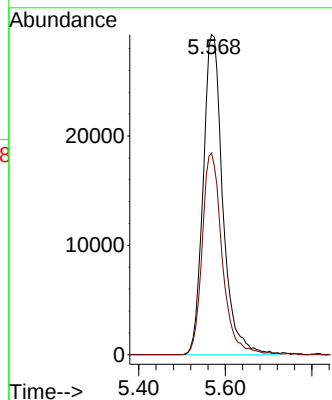
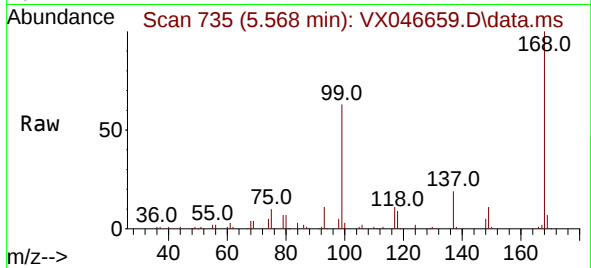




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

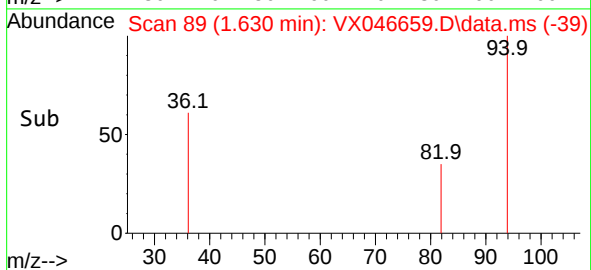
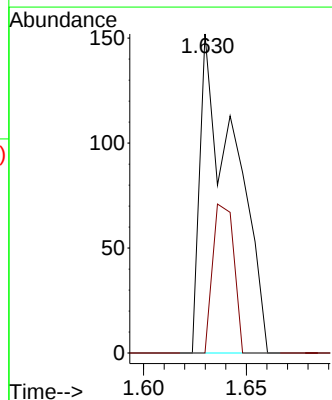
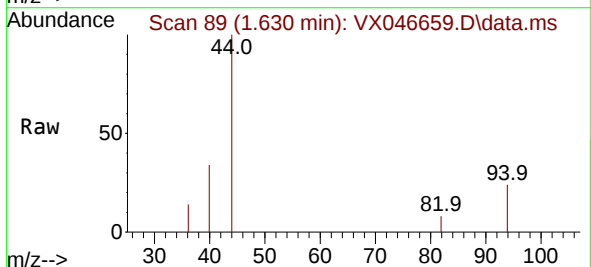
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

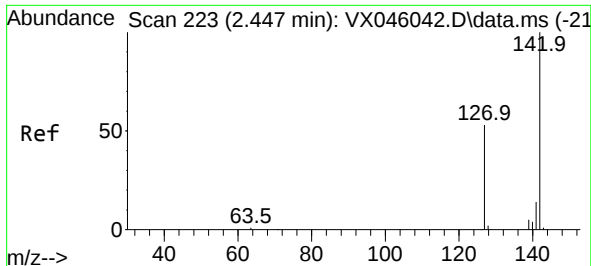
Tgt Ion:168 Resp: 92224
Ion Ratio Lower Upper
168 100
99 63.0 54.9 82.3



#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

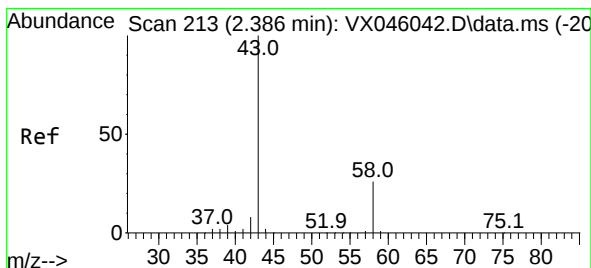
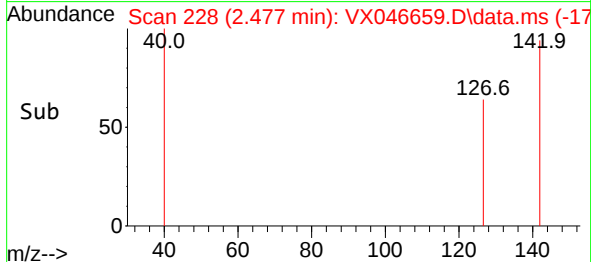
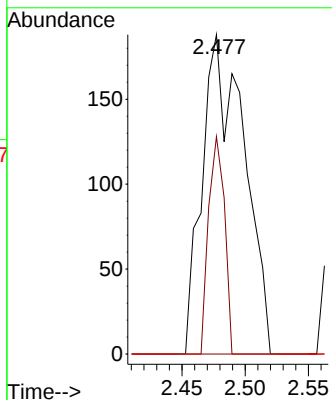
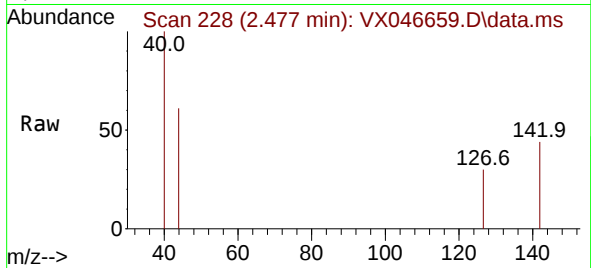




#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

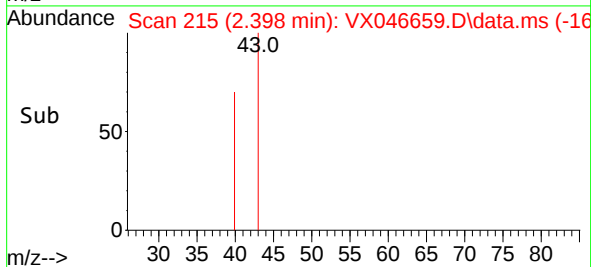
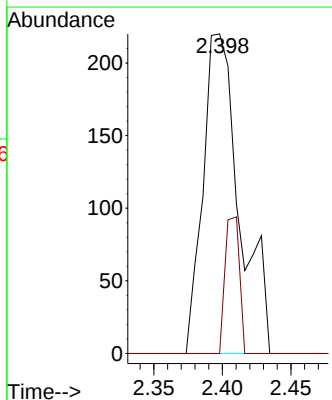
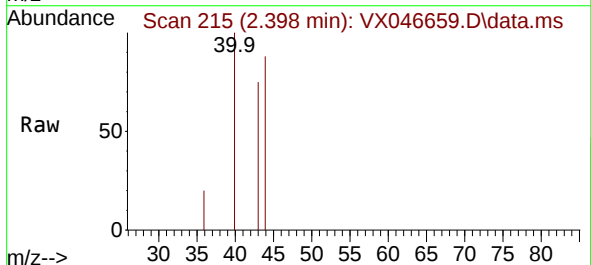
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

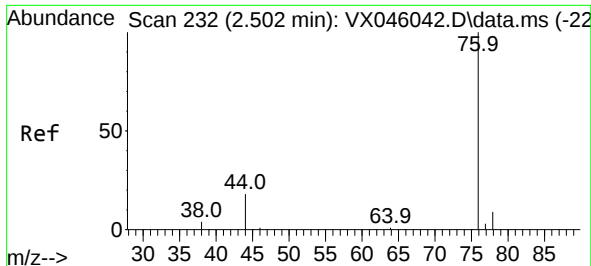
Tgt Ion:142 Resp: 434
Ion Ratio Lower Upper
142 100
127 25.8 41.7 62.5#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 5.215 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

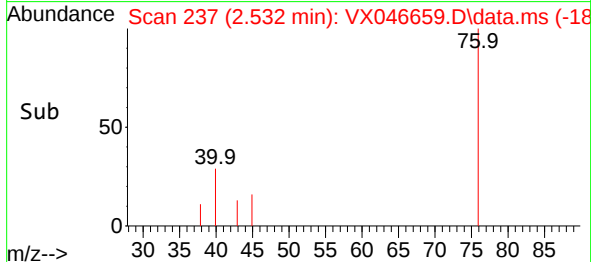
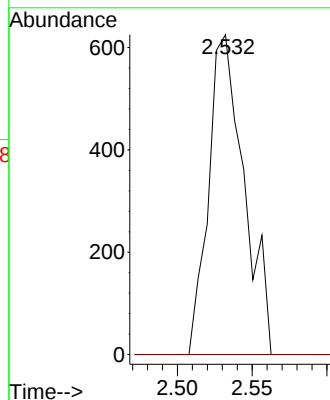
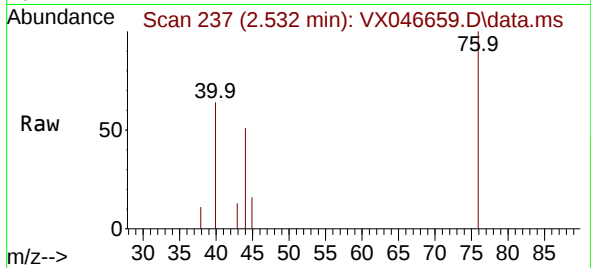




#17
Carbon Disulfide
Concen: 0.645 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

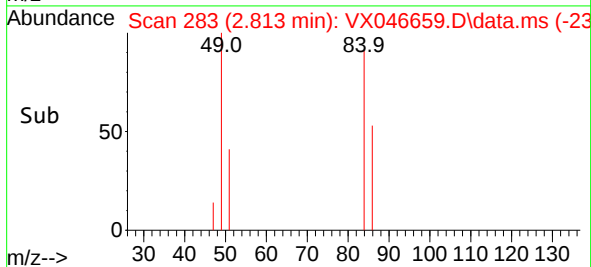
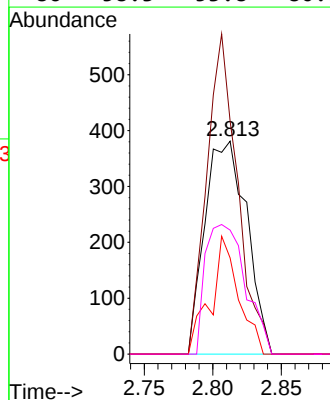
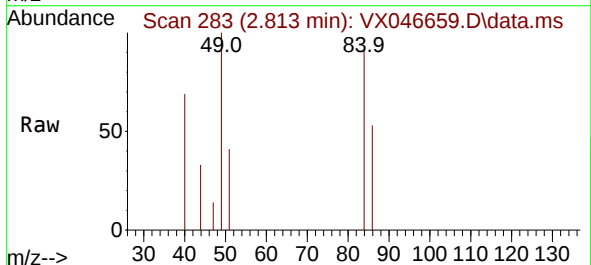
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

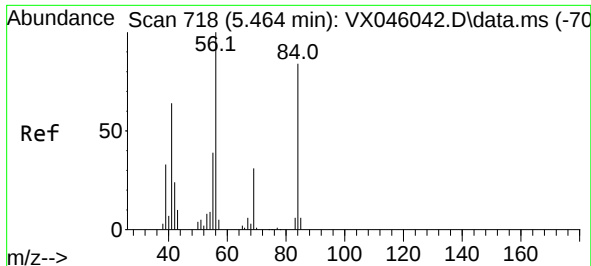
Tgt Ion: 76 Resp: 1032
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.616 ug/l
RT: 2.813 min Scan# 283
Delta R.T. 0.007 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 84 Resp: 811
Ion Ratio Lower Upper
84 100
49 109.4 113.9 170.9#
51 45.1 33.5 50.3
86 58.3 53.8 80.8

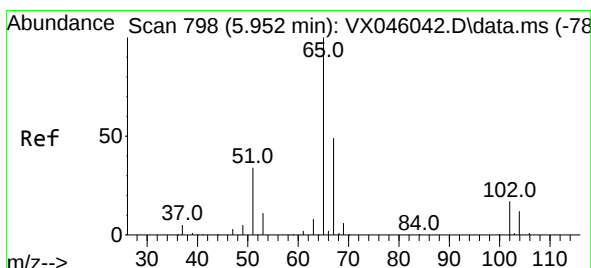
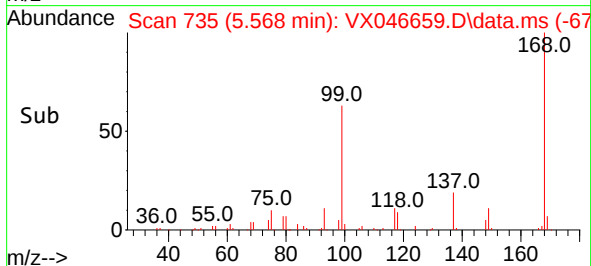
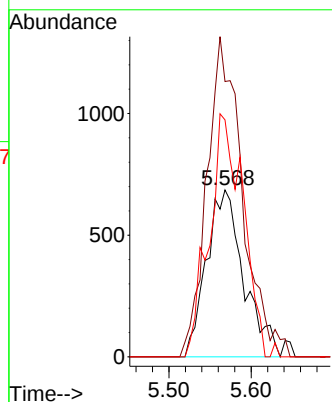
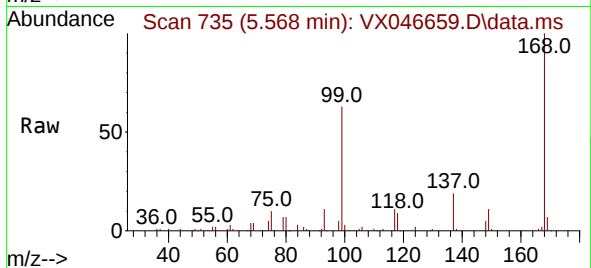




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.568 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

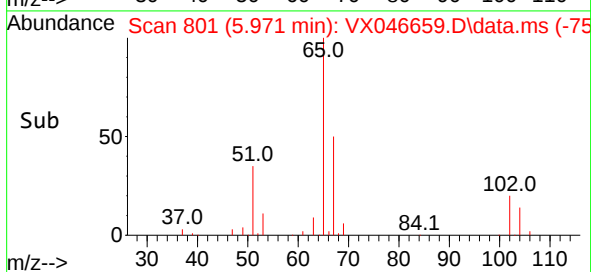
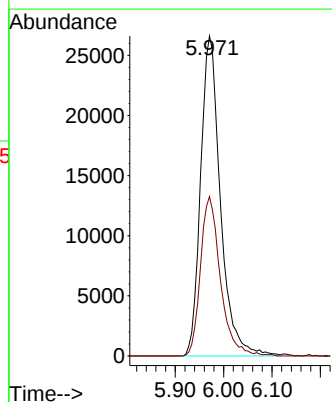
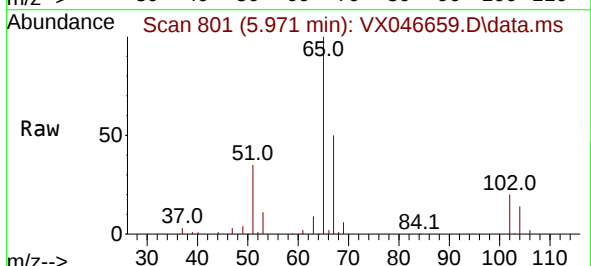
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

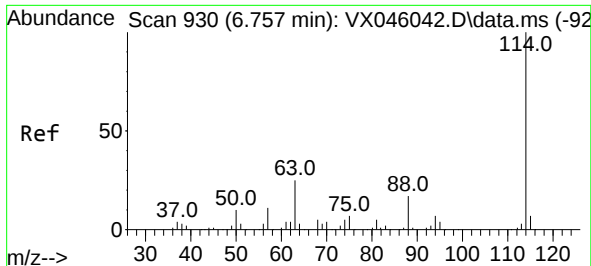
Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 165.0 24.4 36.6#
84 142.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.173 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 65 Resp: 75758
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

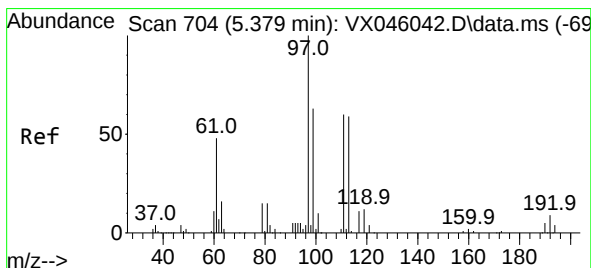
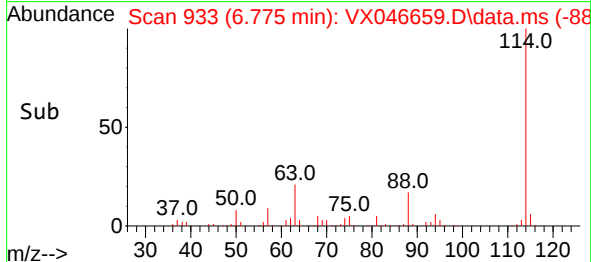
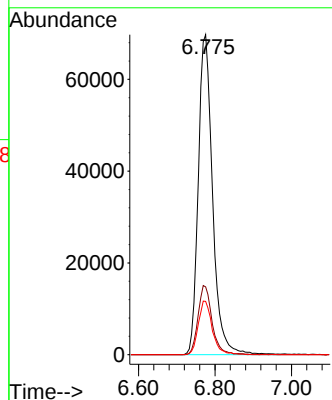
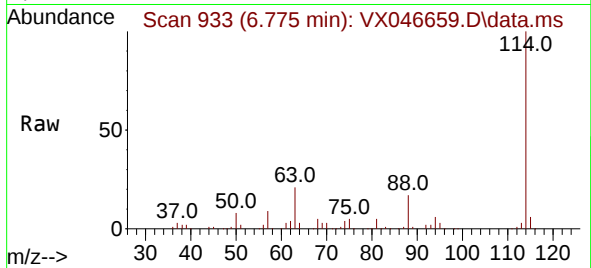




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

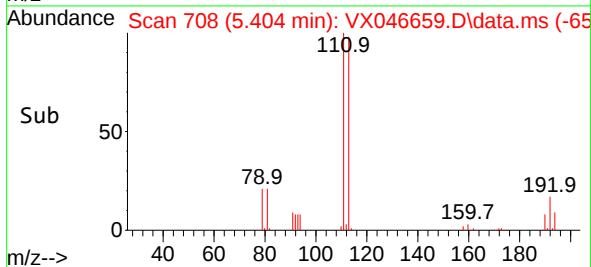
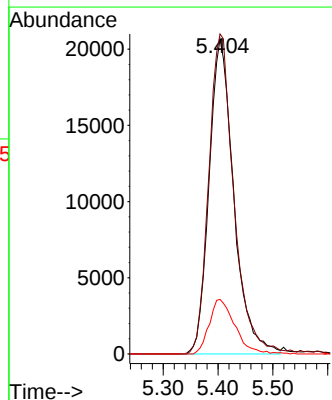
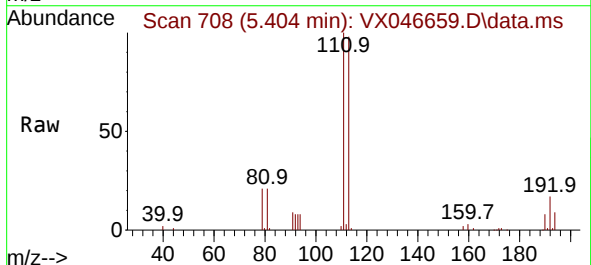
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ClientSampleId :
VX0612WBL01

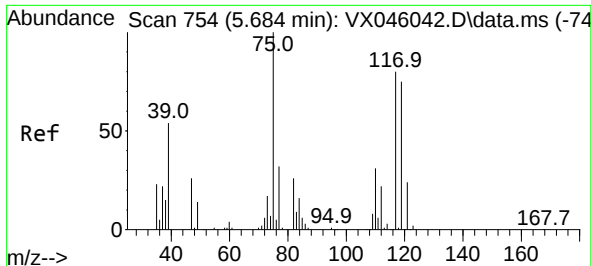
Tgt Ion:114 Resp: 180952
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion:113 Resp: 64522
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 18.1 13.3 19.9

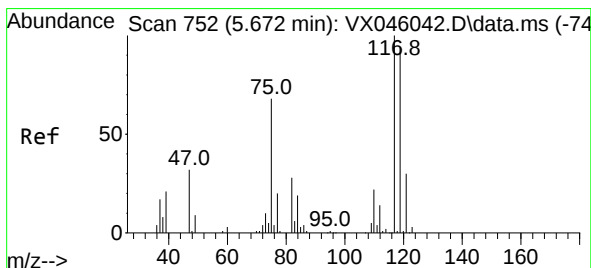
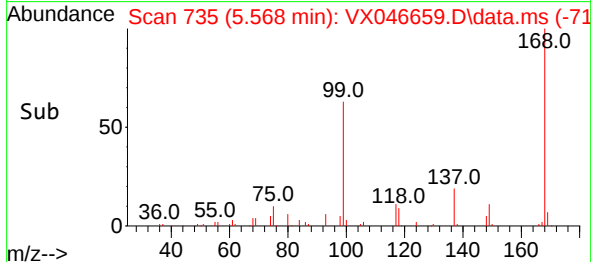
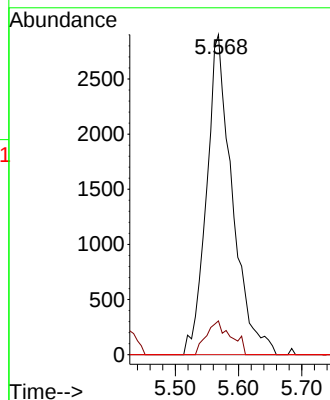
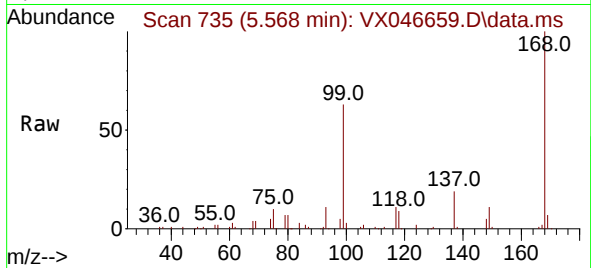




#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

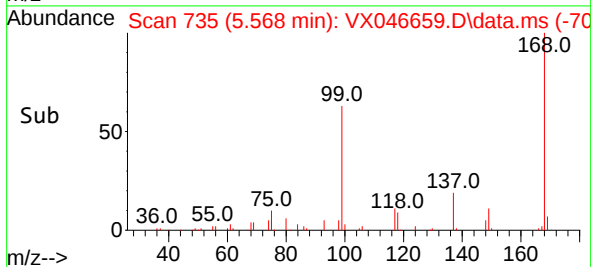
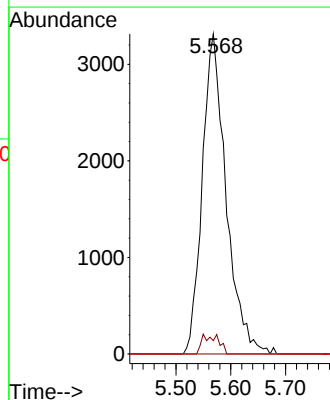
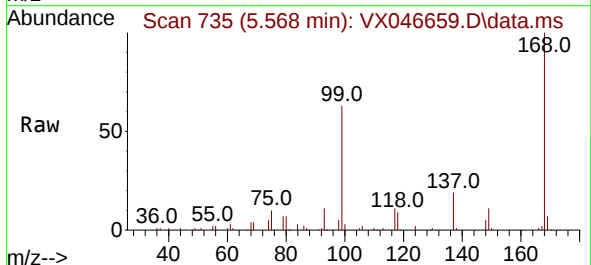
Instrument :
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VX0612WBL01

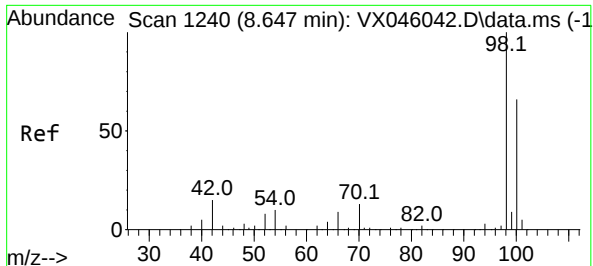
Tgt Ion: 75 Resp: 8218
Ion Ratio Lower Upper
75 100
110 10.0 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.699 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 117 Resp: 10004
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 52.424 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046659.D

Acq: 12 Jun 2025 13:10

Instrument :

MSVOA_X

ClientSampleId :

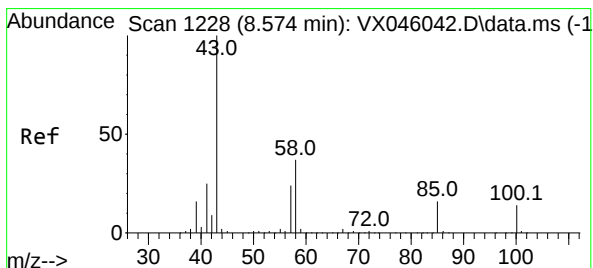
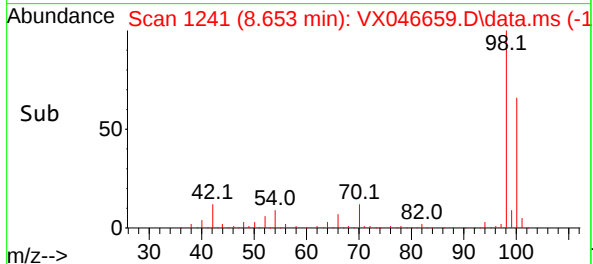
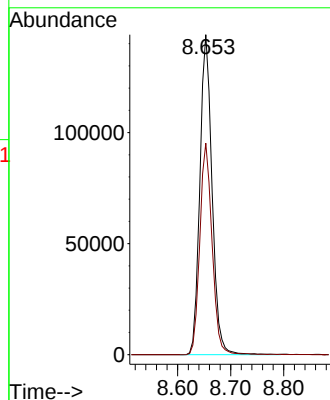
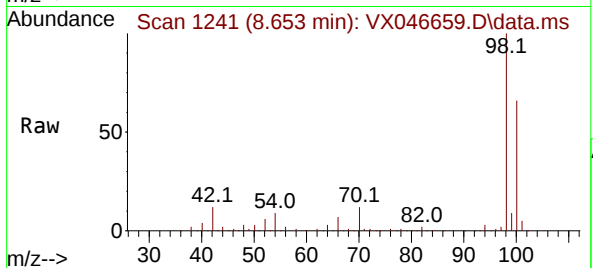
VX0612WBL01

Tgt Ion: 98 Resp: 229993

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 0.518 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX046659.D

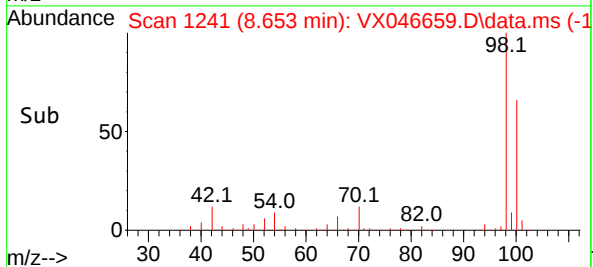
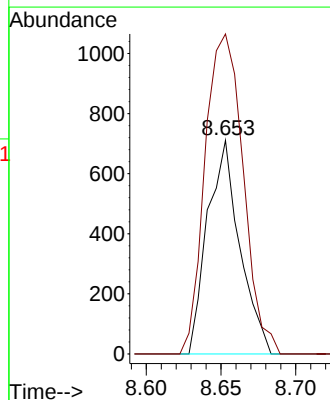
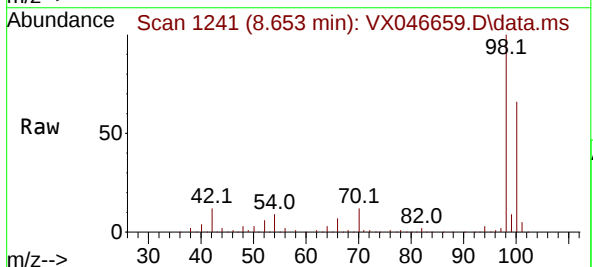
Acq: 12 Jun 2025 13:10

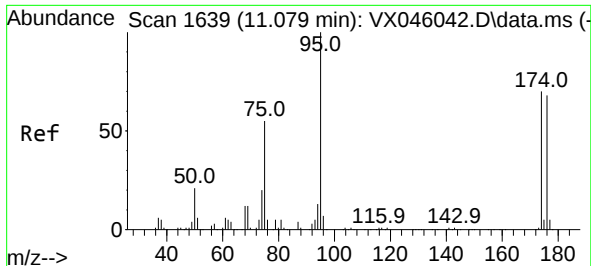
Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 177.3 28.9 43.3#

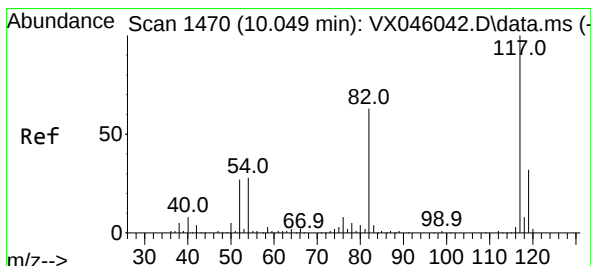
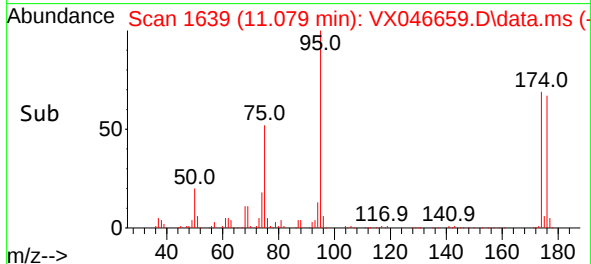
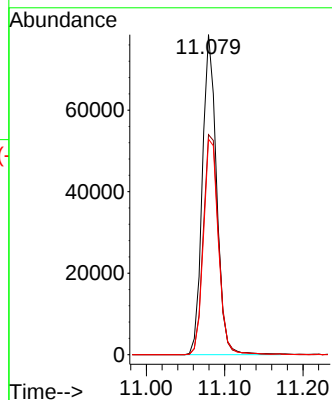
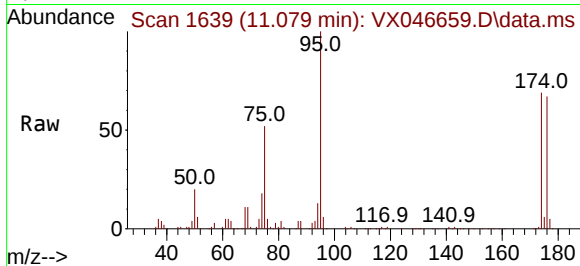




#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

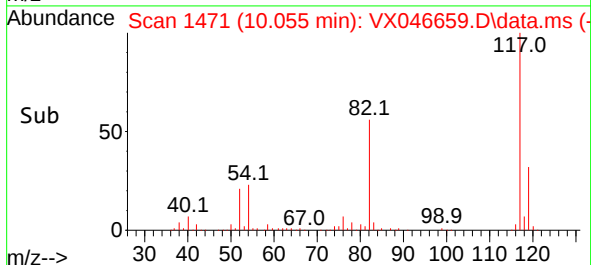
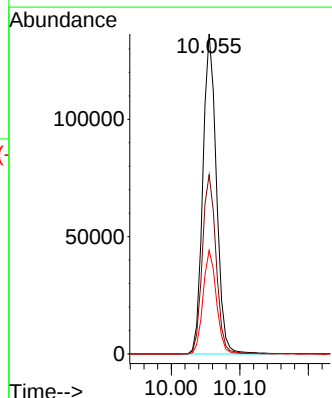
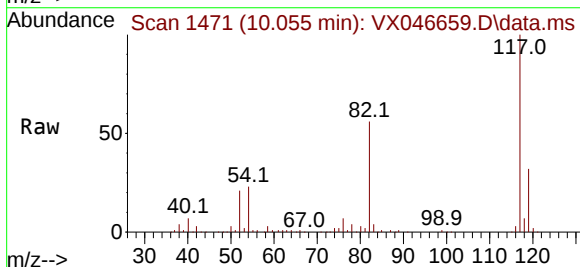
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

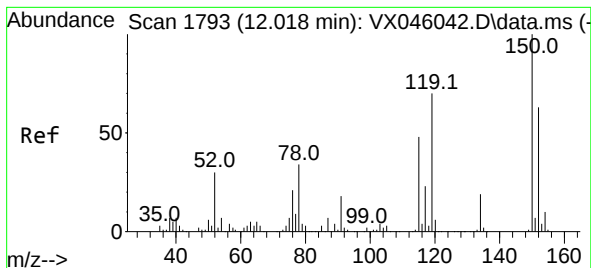
Tgt Ion: 95 Resp: 99118
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.8
176 70.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 117 Resp: 188641
Ion Ratio Lower Upper
117 100
82 56.0 50.6 76.0
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046659.D

Acq: 12 Jun 2025 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBL01

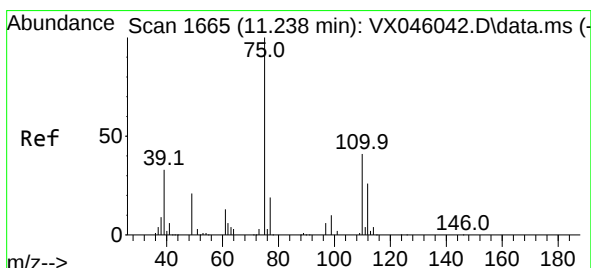
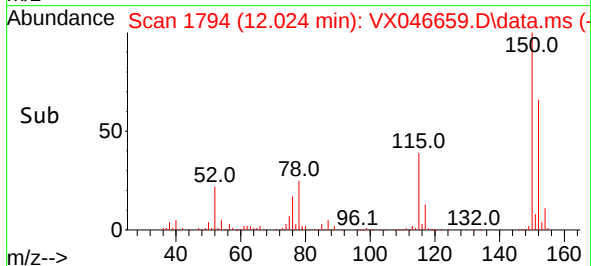
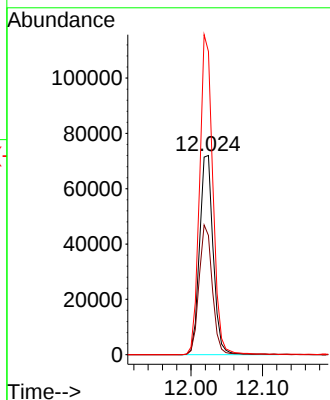
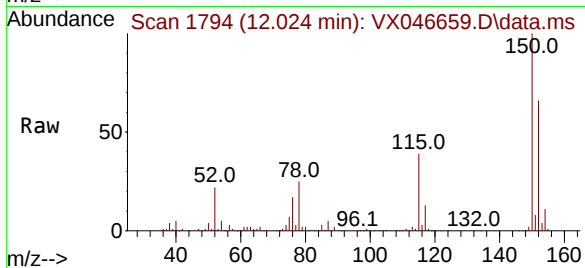
Tgt Ion:152 Resp: 95358

Ion Ratio Lower Upper

152 100

115 63.2 46.9 140.7

150 156.4 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 25.614 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046659.D

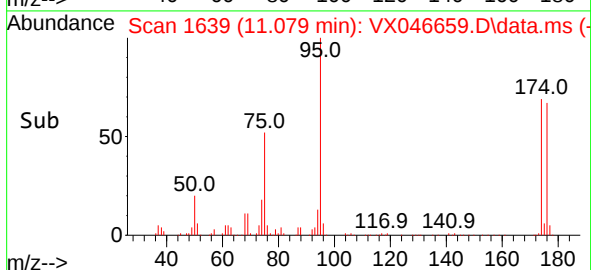
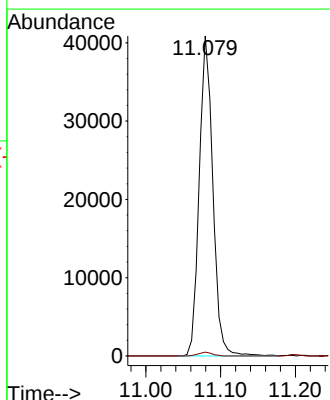
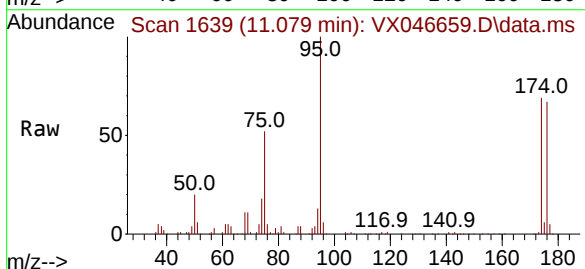
Acq: 12 Jun 2025 13:10

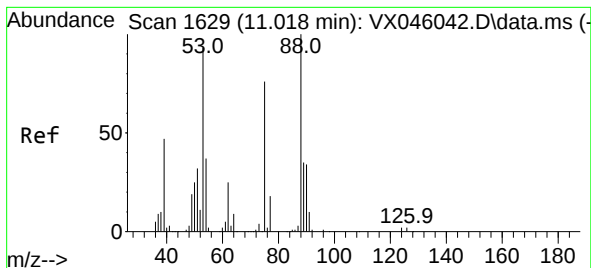
Tgt Ion: 75 Resp: 51735

Ion Ratio Lower Upper

75 100

77 1.2 20.5 61.5#

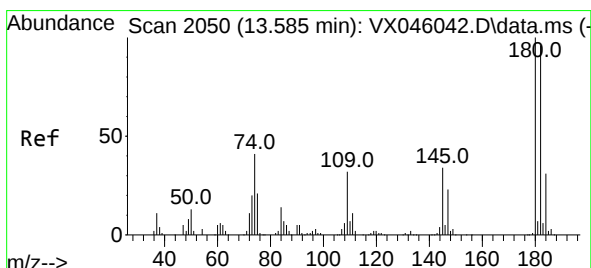
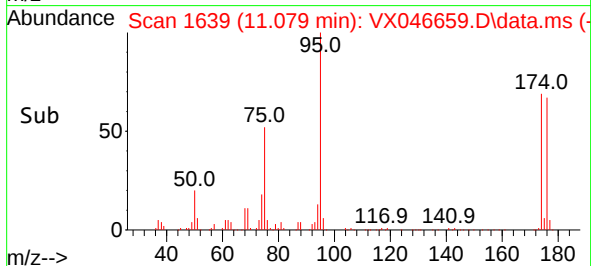
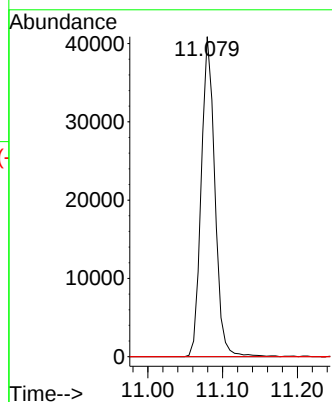
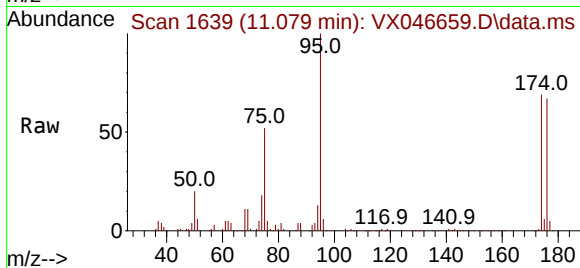




#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.886 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX046659.D
 Acq: 12 Jun 2025 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBL01

Tgt Ion: 75 Resp: 51735
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.209 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX046659.D
 Acq: 12 Jun 2025 13:10

Tgt Ion:180 Resp: 465
 Ion Ratio Lower Upper
 180 100
 182 77.8 47.9 143.8
 145 14.6 17.1 51.2#

