

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046748.D
 Acq On : 18 Jun 2025 17:12
 Operator : JC/MD
 Sample : Q2344-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 19 01:27:33 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)

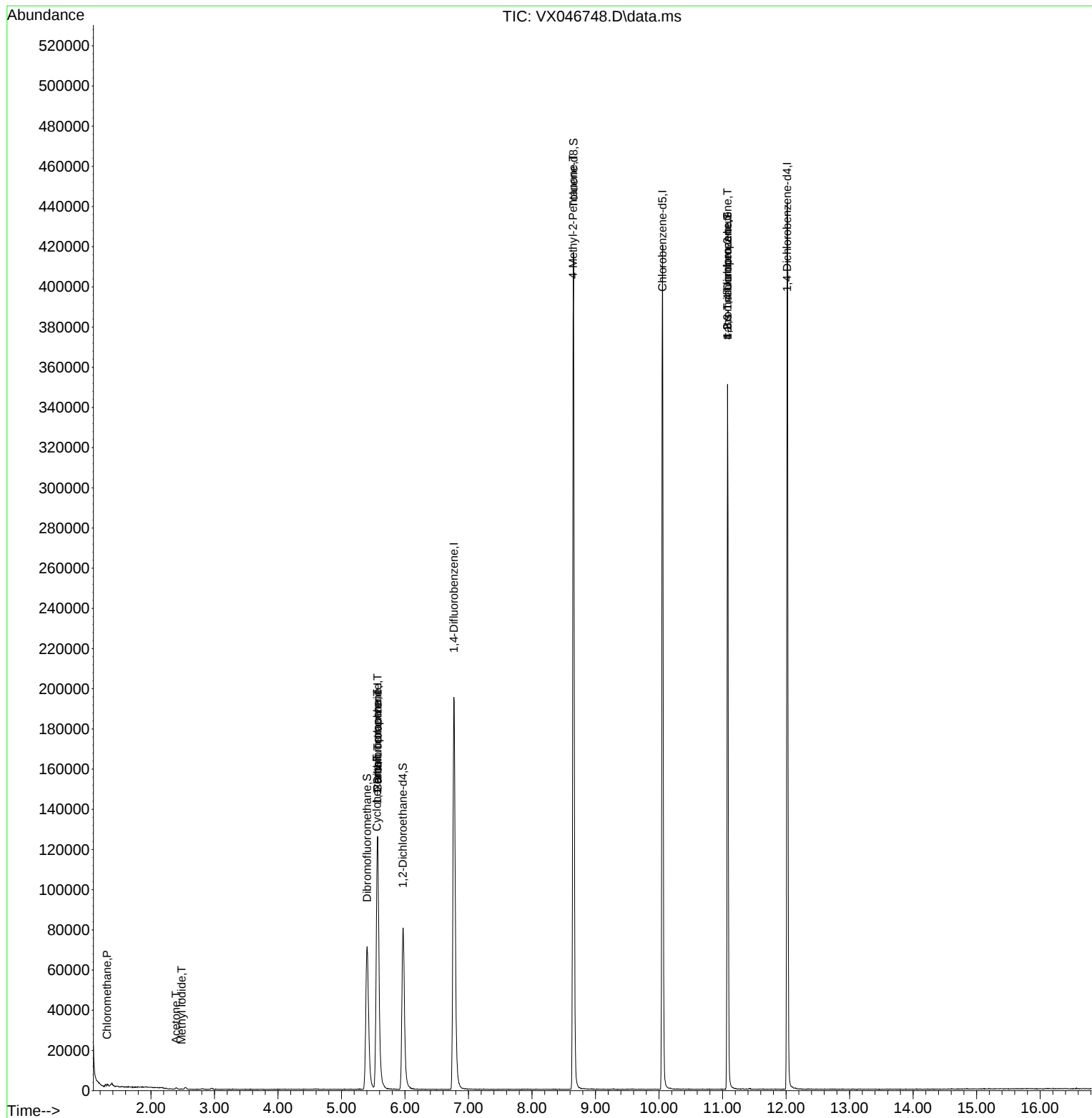
Internal Standards						
1) Pentafluorobenzene	5.568	168	127995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84884	47.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	5.403	113	68660	48.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.653	98	252358	49.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.079	95	93659	49.525	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	712	0.483	ug/l	100
10) Methyl Iodide	2.483	142	135	4.401	ug/l #	38
16) Acetone	2.392	43	971	1.645	ug/l #	72
31) Cyclohexane	5.556	56	2771	1.045	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	10474	5.138	ug/l #	49
38) Carbon Tetrachloride	5.568	117	13187	5.961	ug/l #	20
51) 4-Methyl-2-Pentanone	8.647	43	1102	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47202	27.551	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47202	77.875	ug/l #	7

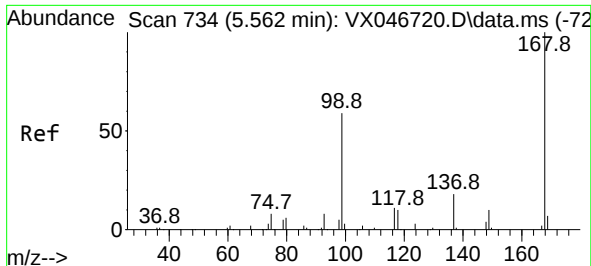
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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ClientSampleId :
TRIP-BLANK

Quant Time: Jun 19 01:27:33 2025
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

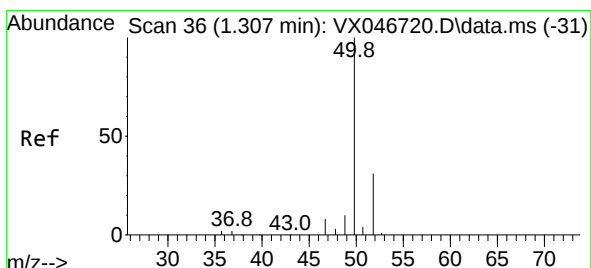
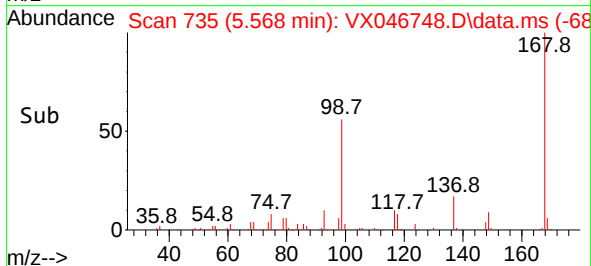
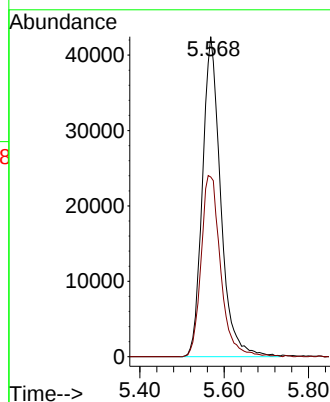
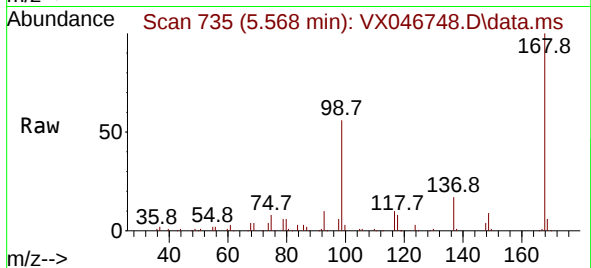




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

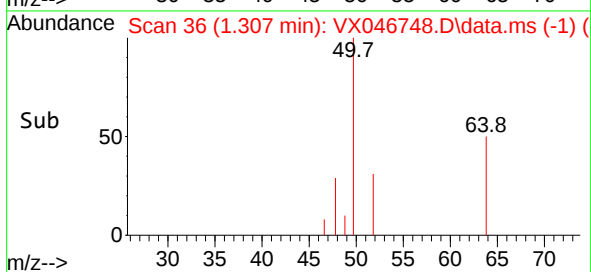
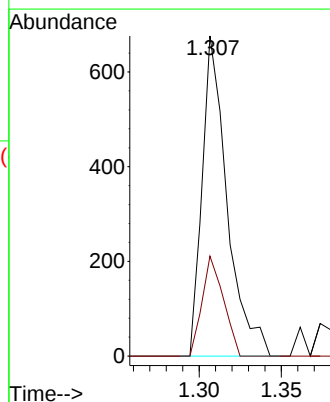
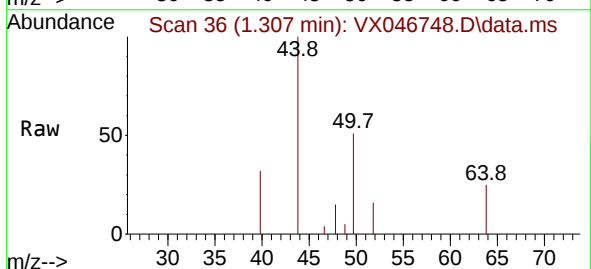
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

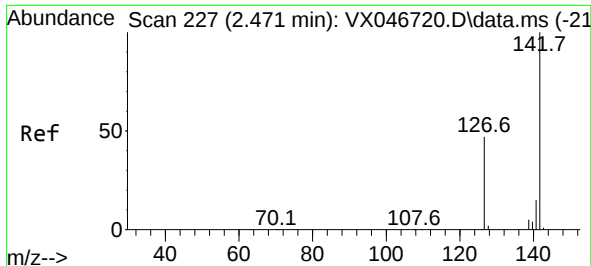
Tgt Ion:168 Resp: 127995
Ion Ratio Lower Upper
168 100
99 56.1 48.5 72.7



#3
Chloromethane
Concen: 0.483 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 31.2 24.9 37.3

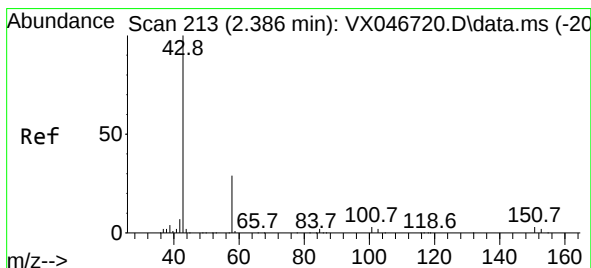
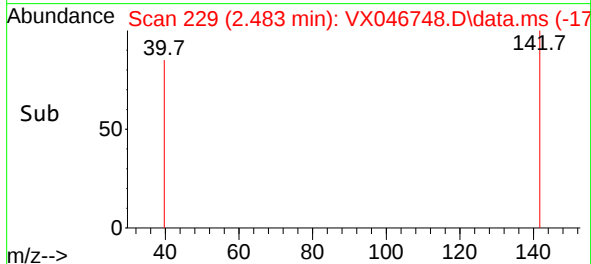
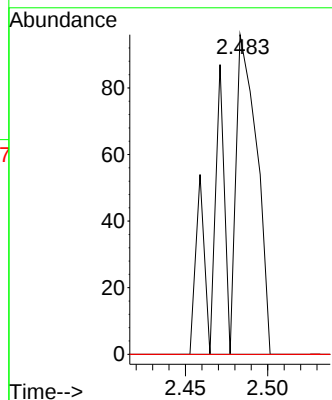
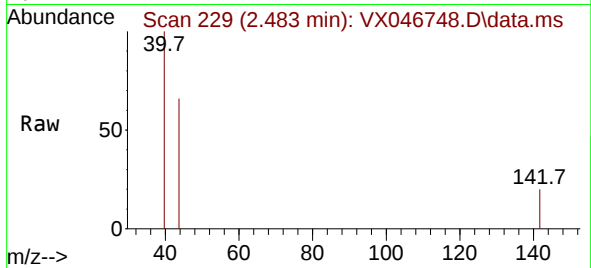




#10
Methyl Iodide
Concen: 4.401 ug/l
RT: 2.483 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

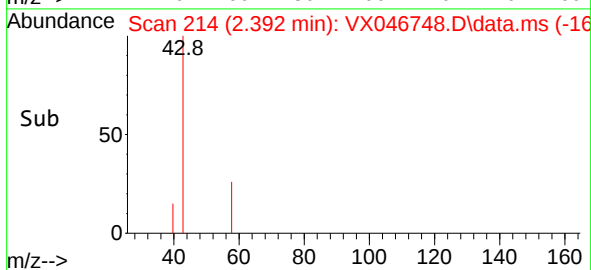
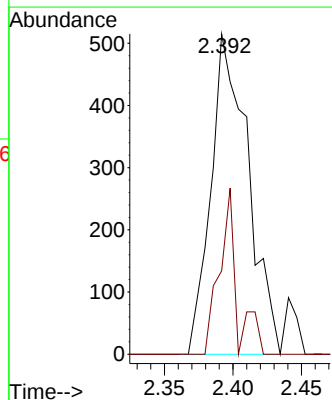
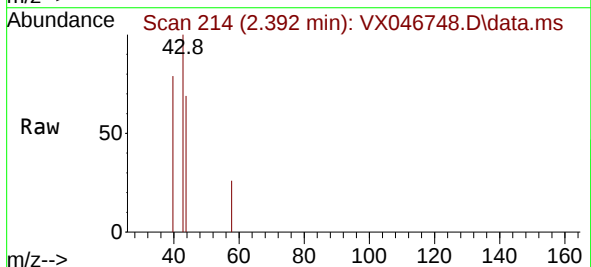
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

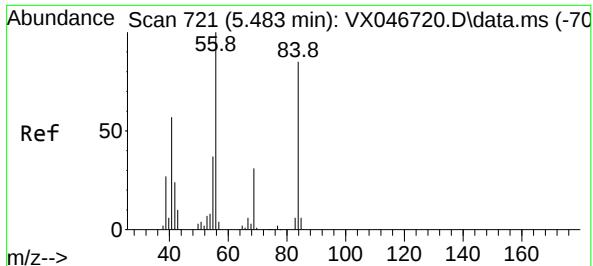
Tgt Ion:142 Resp: 135
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 1.645 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 15.4 24.5 36.7#

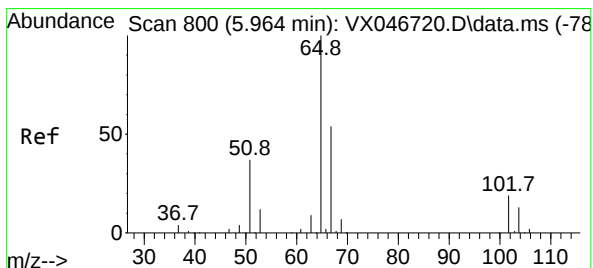
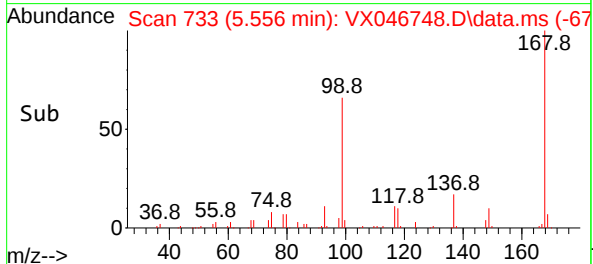
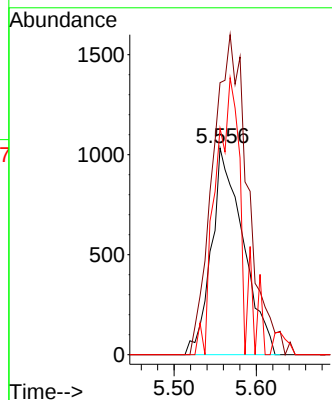
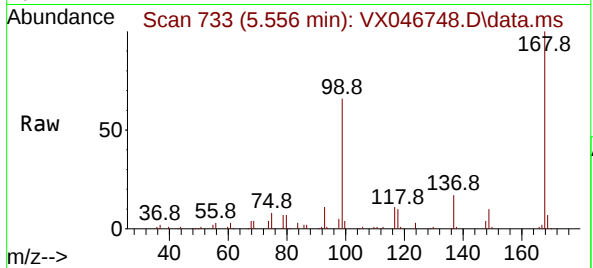




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

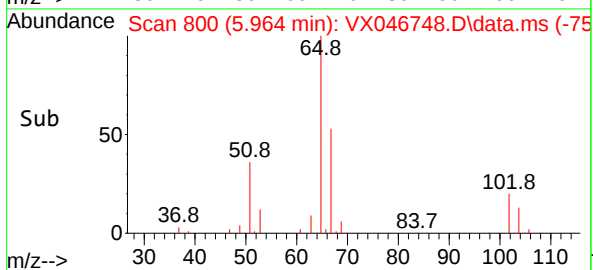
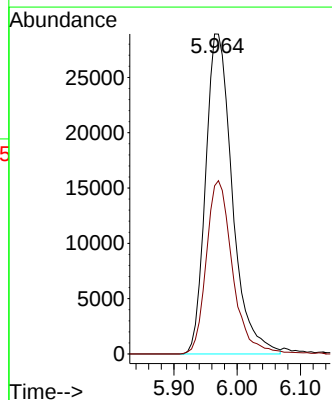
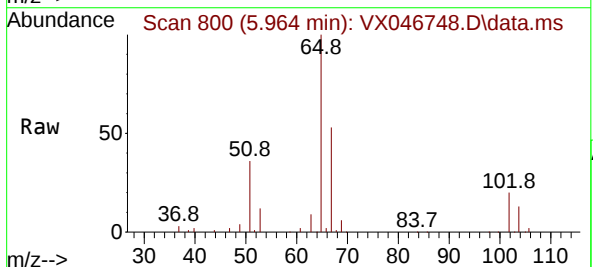
Instrument :
MSVOA_X
ClientSampleId :
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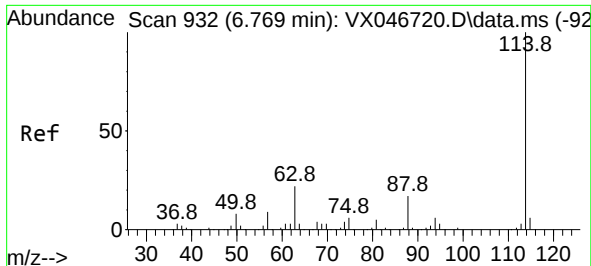
Tgt Ion: 56 Resp: 2771
Ion Ratio Lower Upper
56 100
69 131.5 24.8 37.2#
84 109.5 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 47.946 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Tgt Ion: 65 Resp: 84884
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

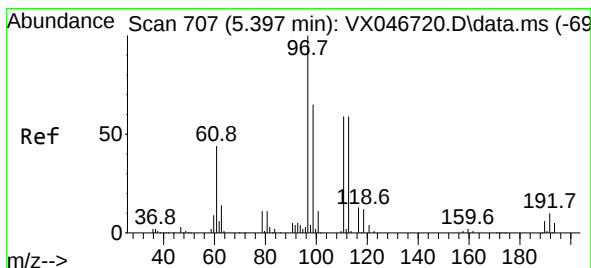
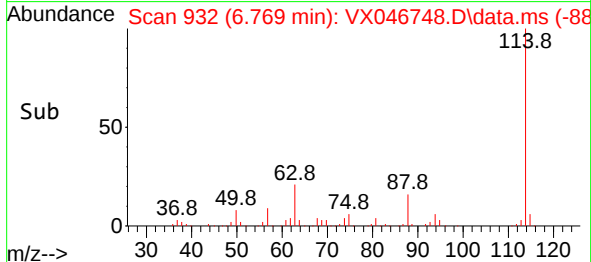
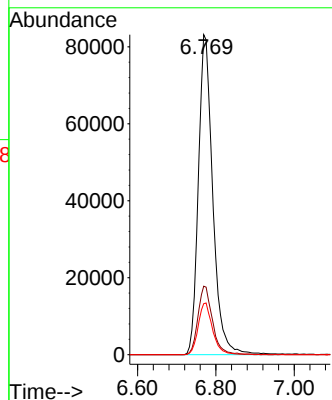
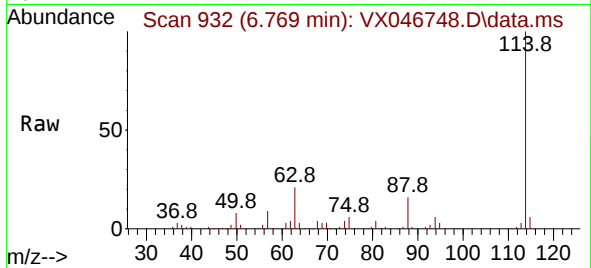




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

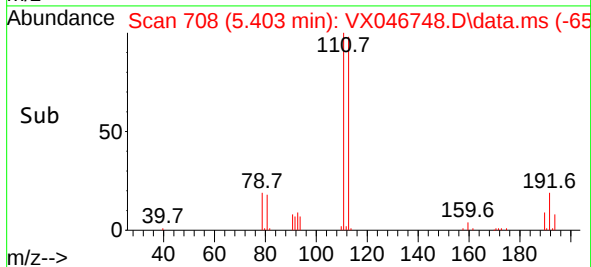
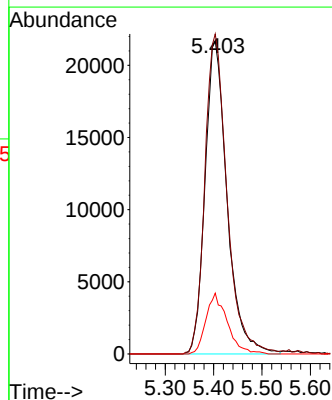
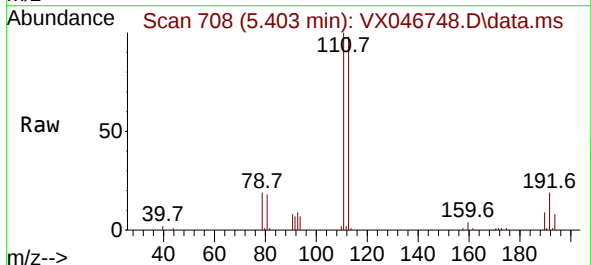
Instrument :
MSVOA_X
ClientSampleId :
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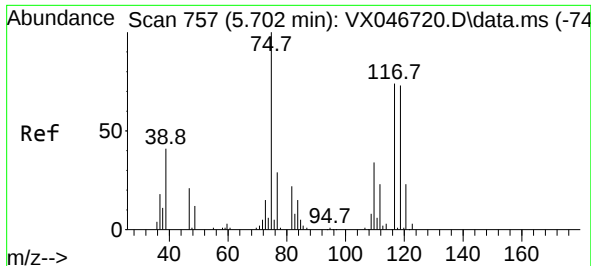
Tgt Ion:114 Resp: 213425
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.623 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Tgt Ion:113 Resp: 68660
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 18.8 15.3 22.9

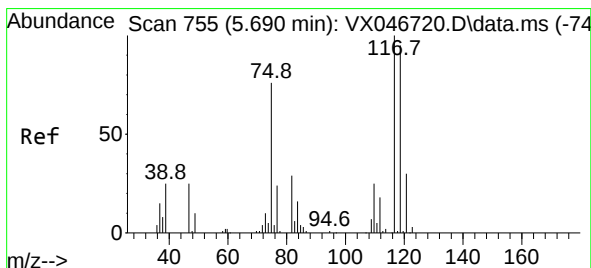
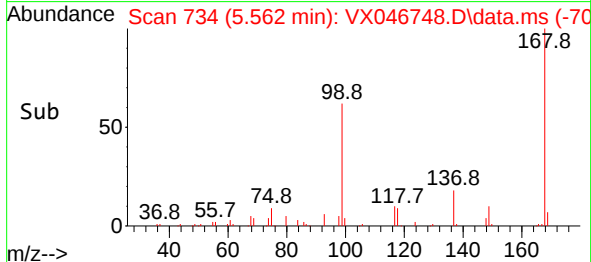
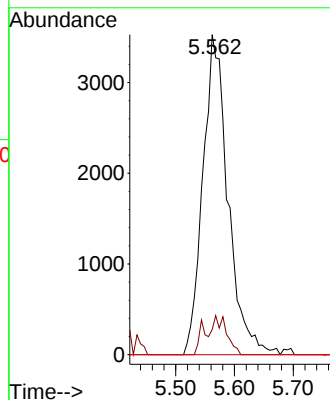
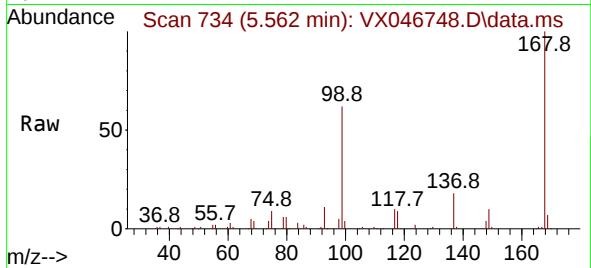




#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

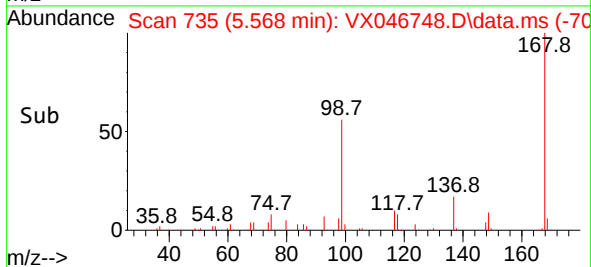
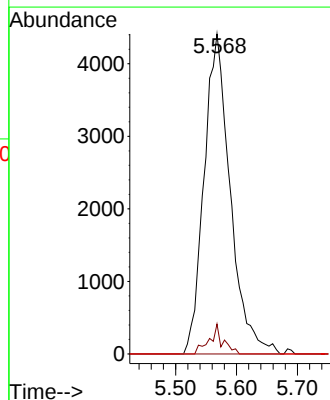
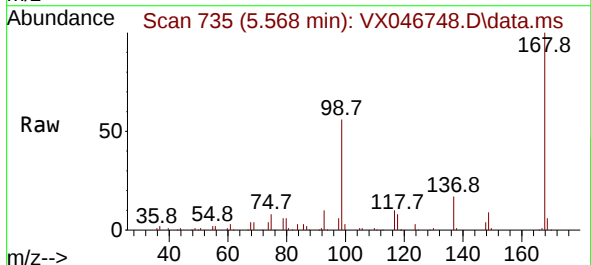
Instrument :
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ClientSampleId :
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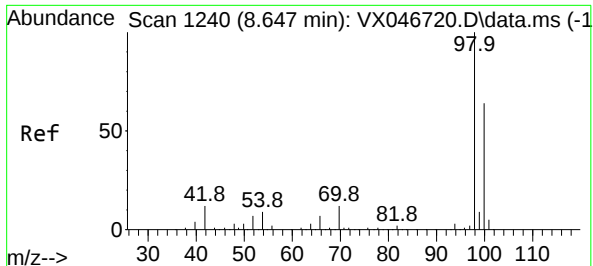
Tgt Ion: 75 Resp: 10474
Ion Ratio Lower Upper
75 100
110 6.9 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Tgt Ion: 117 Resp: 13187
Ion Ratio Lower Upper
117 100
119 9.4 75.2 112.8#
121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 49.742 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046748.D

Acq: 18 Jun 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

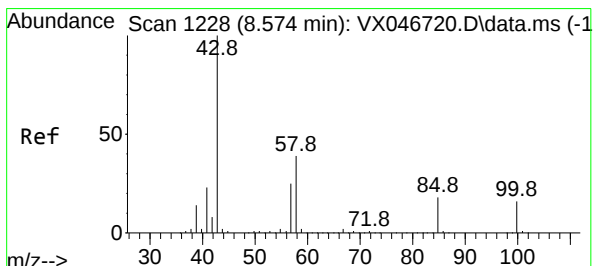
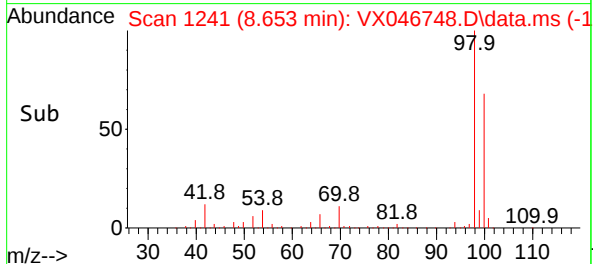
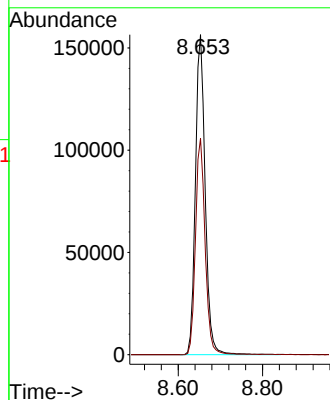
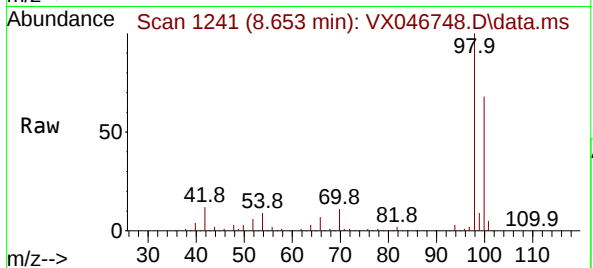
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Tgt Ion: 98 Resp: 252358

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.628 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX046748.D

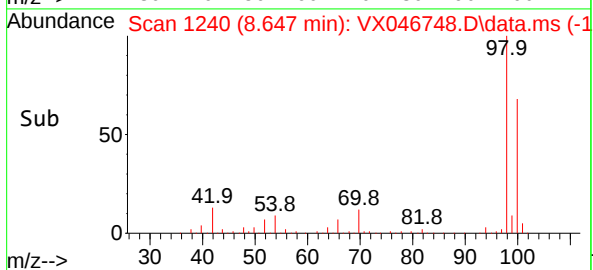
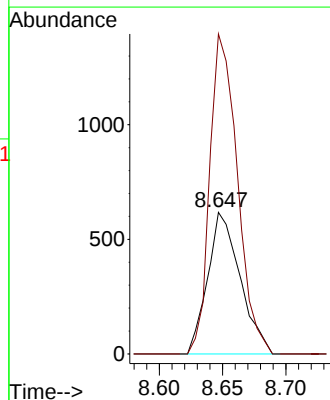
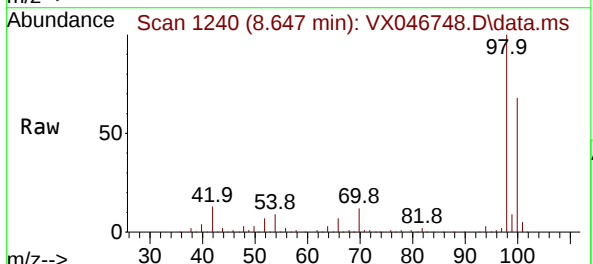
Acq: 18 Jun 2025 17:12

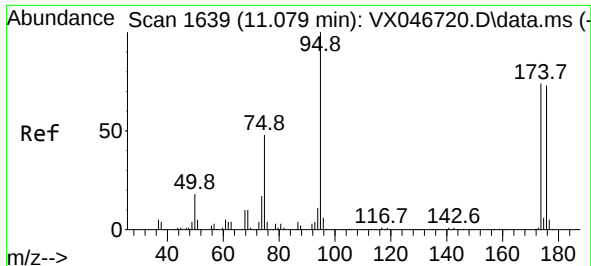
Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 192.9 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 49.525 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046748.D

Acq: 18 Jun 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

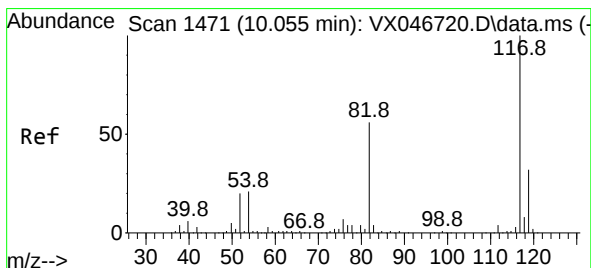
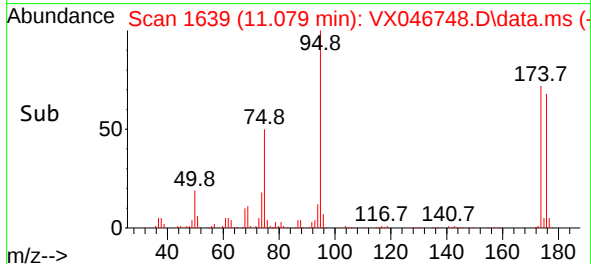
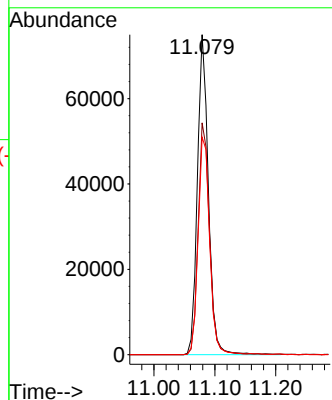
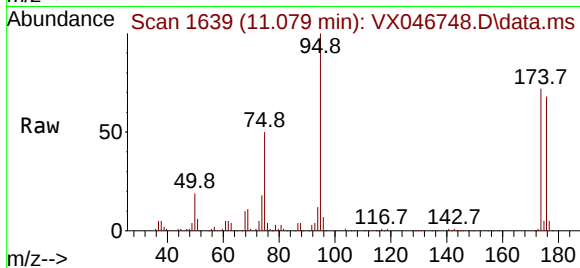
Tgt Ion: 95 Resp: 93659

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

176 71.4 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: VX046748.D

Acq: 18 Jun 2025 17:12

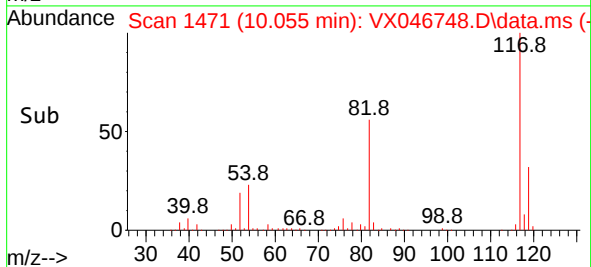
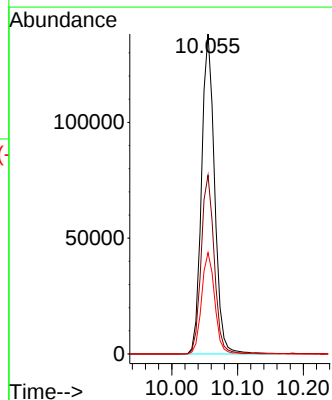
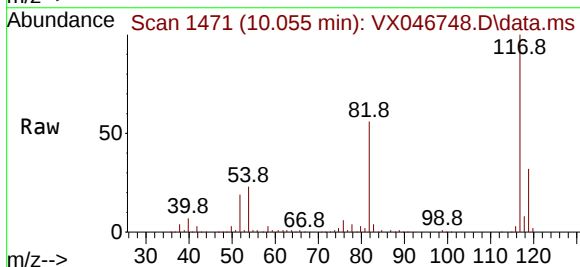
Tgt Ion: 117 Resp: 190681

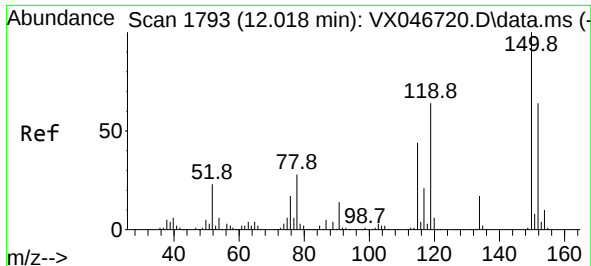
Ion Ratio Lower Upper

117 100

82 55.9 44.6 66.8

119 31.6 25.8 38.8

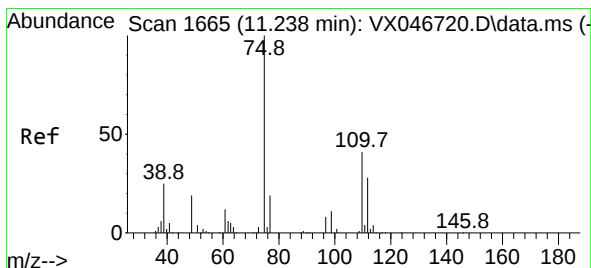
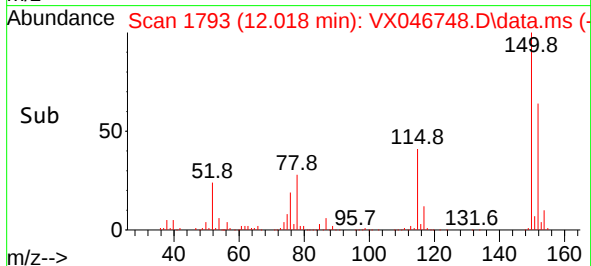
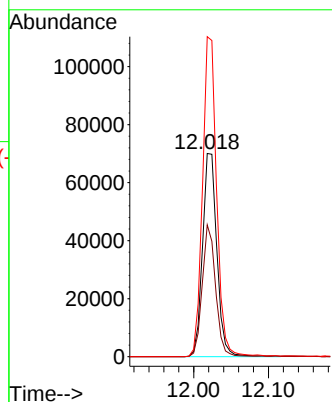
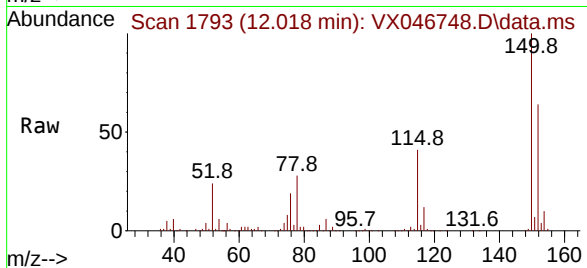




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046748.D
 Acq: 18 Jun 2025 17:12

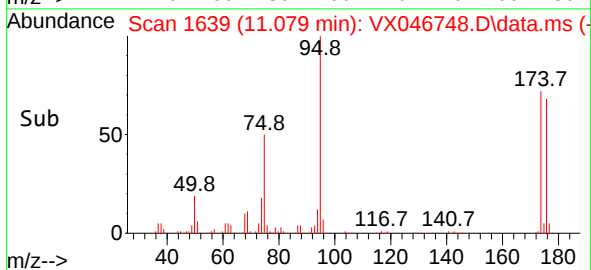
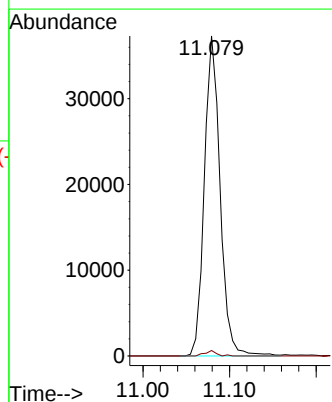
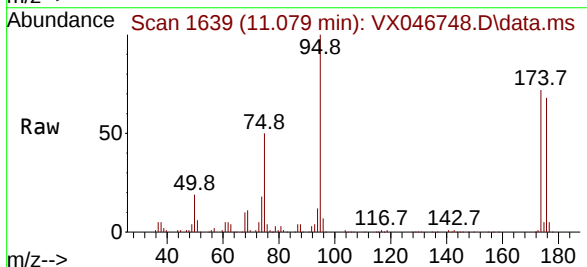
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

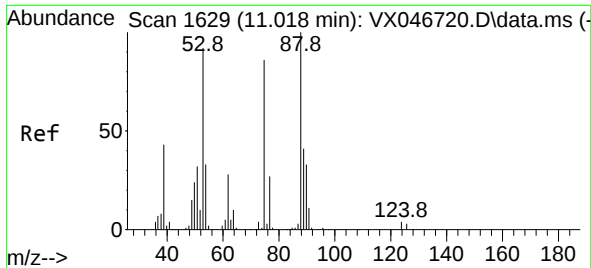
Tgt Ion:152 Resp: 93543
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.2 129.6
 150 155.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.551 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046748.D
 Acq: 18 Jun 2025 17:12

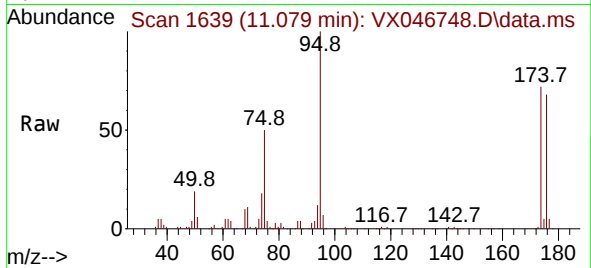
Tgt Ion: 75 Resp: 47202
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.875 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046748.D
Acq: 18 Jun 2025 17:12

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



Tgt Ion: 75 Resp: 47202
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

