

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046766.D
 Acq On : 19 Jun 2025 12:54
 Operator : JC/MD
 Sample : Q2334-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4

Quant Time: Jun 20 05:19:19 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	185853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	317531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122789	47.765	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	5.397	113	101728	48.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.653	98	374910	49.670	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	139067	49.426	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%

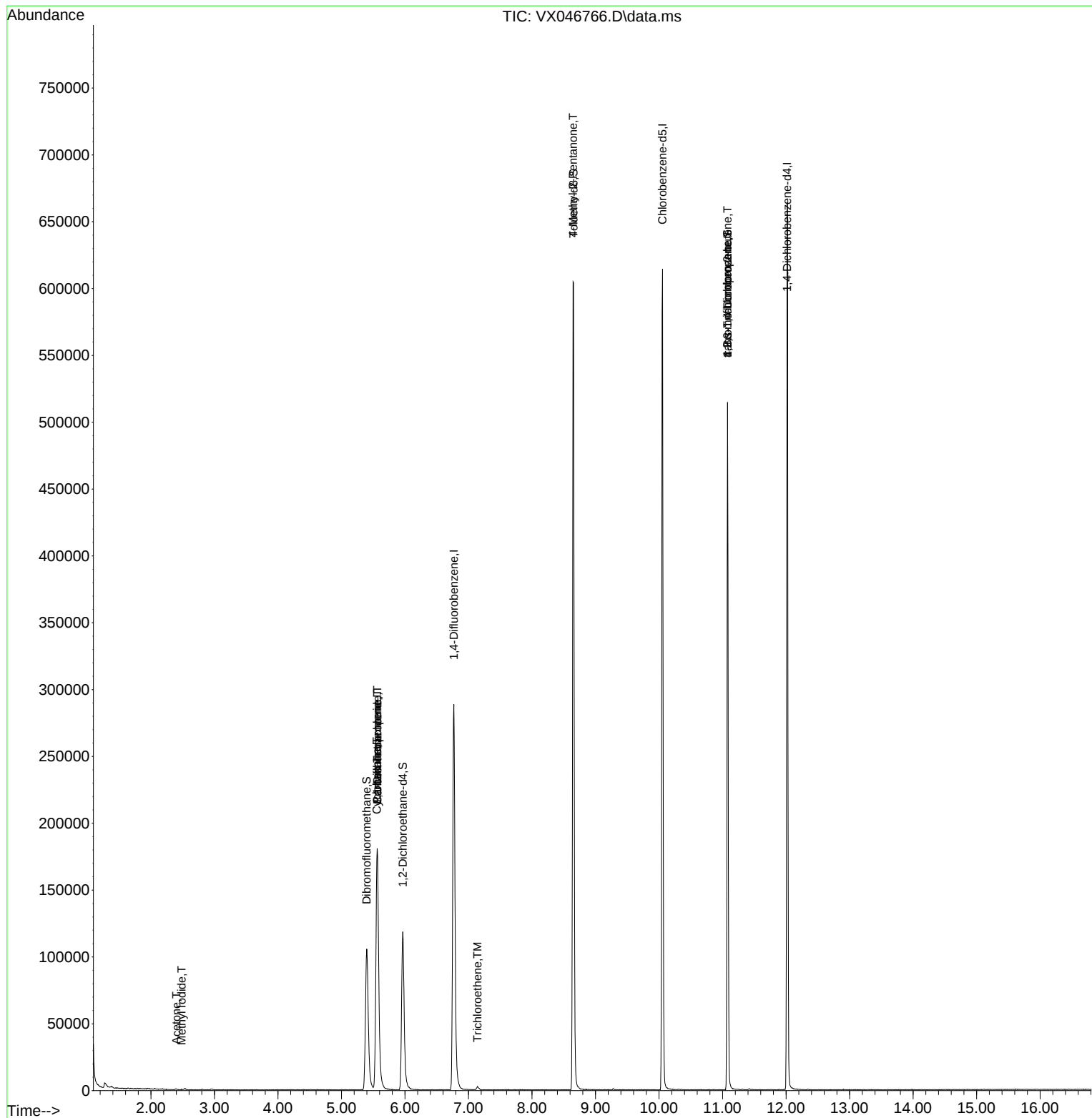
Target Compounds				Qvalue		
10) Methyl Iodide	2.483	142	171	4.392	ug/l #	87
16) Acetone	2.398	43	961	1.121	ug/l #	88
31) Cyclohexane	5.556	56	3717	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15095	4.977	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19380	5.888	ug/l #	16
44) Trichloroethene	7.141	130	1253	0.548	ug/l	75
51) 4-Methyl-2-Pentanone	8.647	43	1780	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70419	28.258	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	70419	79.873	ug/l #	7

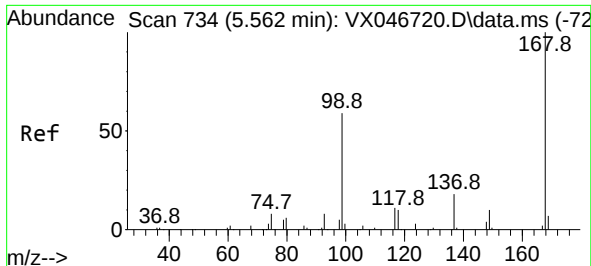
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
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Quant Time: Jun 20 05:19:19 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

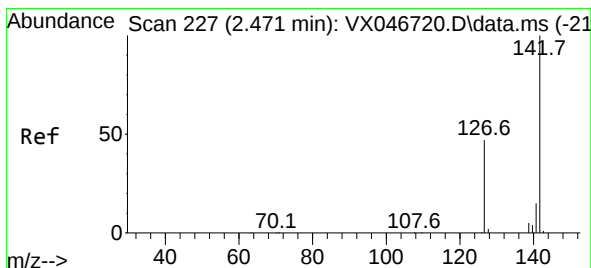
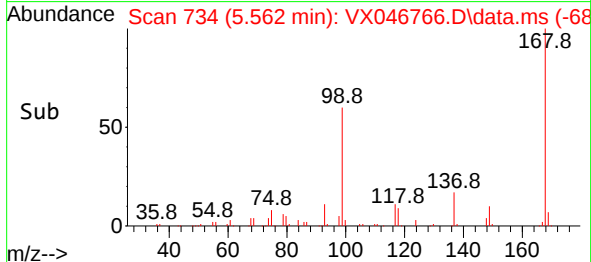
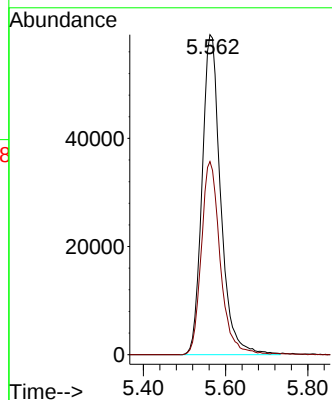
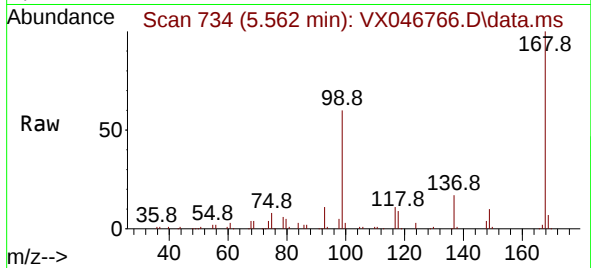




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

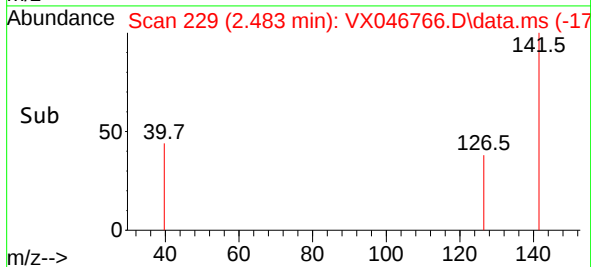
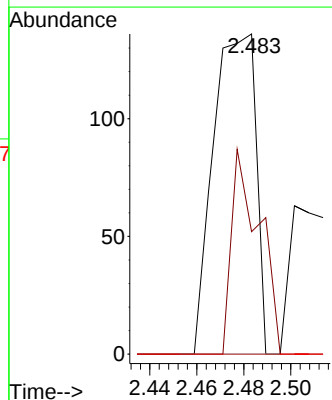
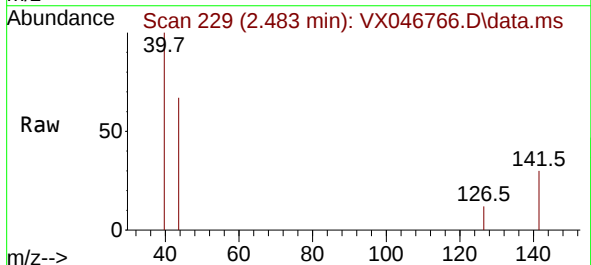
Instrument :
MSVOA_X
ClientSampleId :
MW4

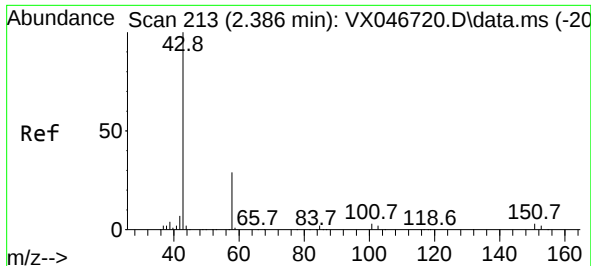
Tgt Ion:168 Resp: 185853
Ion Ratio Lower Upper
168 100
99 60.4 48.5 72.7



#10
Methyl Iodide
Concen: 4.392 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 42.1 37.0 55.6
141 0.0 11.5 17.3#

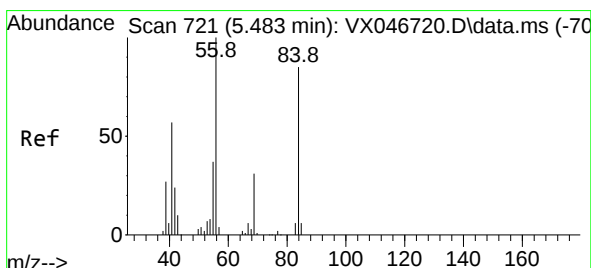
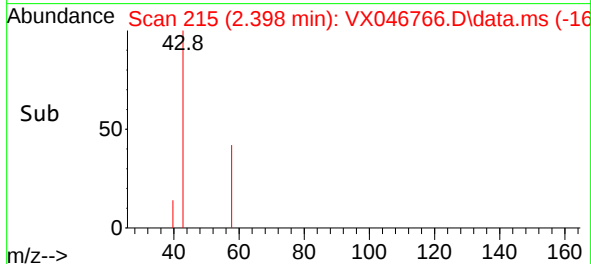
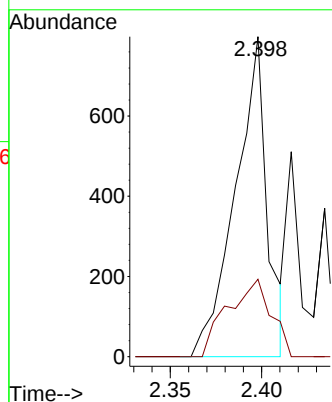
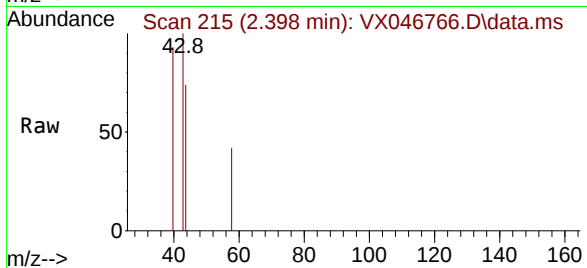




#16
Acetone
Concen: 1.121 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

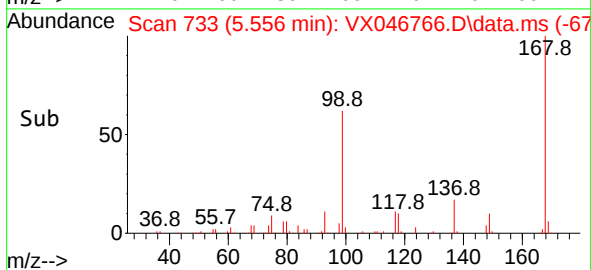
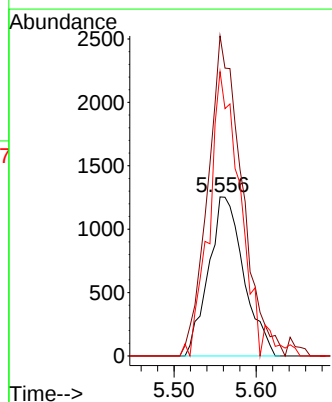
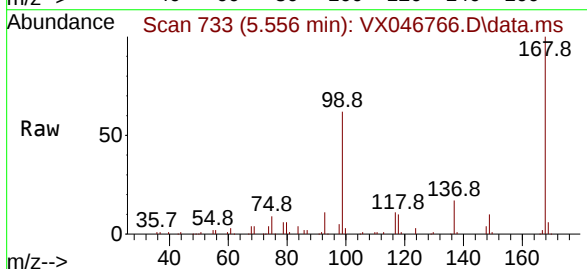
Instrument :
MSVOA_X
ClientSampleId :
MW4

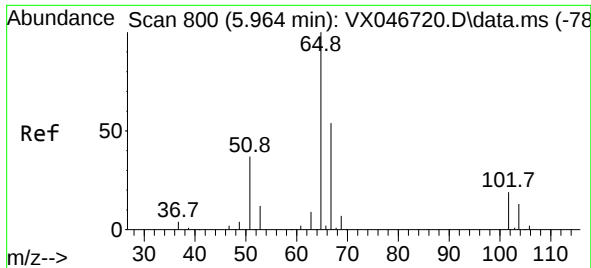
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 24.2 24.5 36.7#



#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

Tgt Ion: 56 Resp: 3717
Ion Ratio Lower Upper
56 100
69 201.3 24.8 37.2#
84 178.8 68.2 102.2#

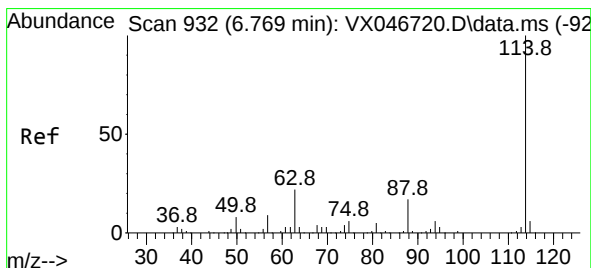
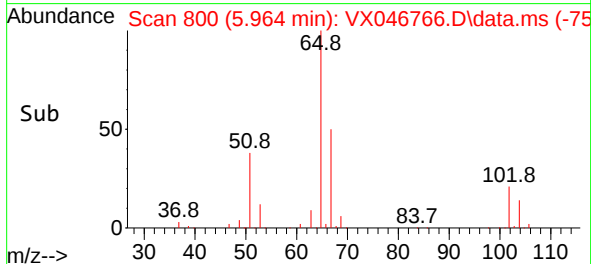
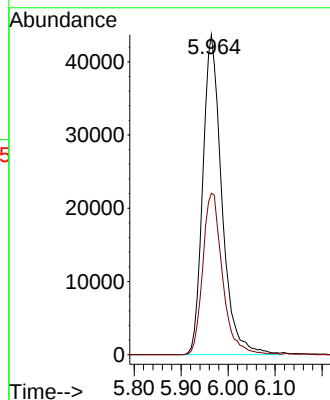
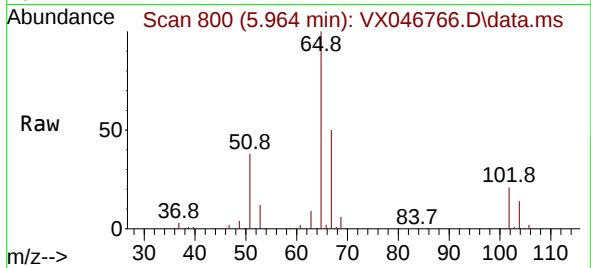




#33
 1,2-Dichloroethane-d4
 Concen: 47.765 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046766.D
 Acq: 19 Jun 2025 12:54

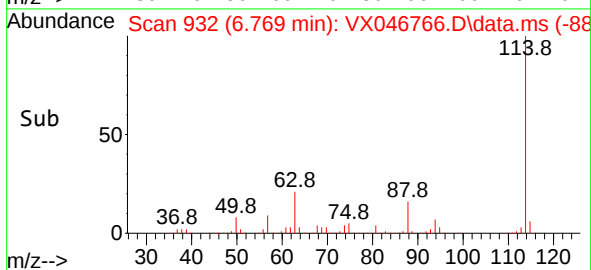
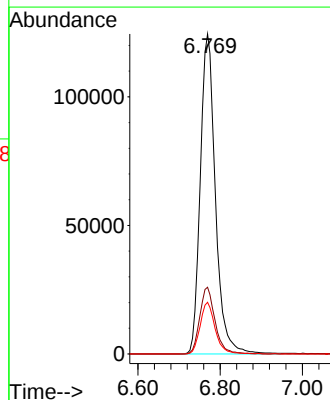
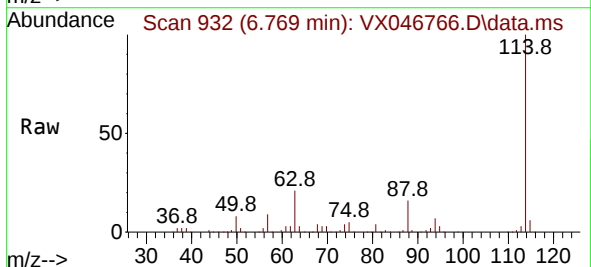
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4

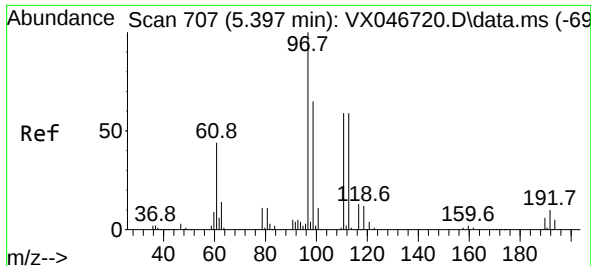
Tgt Ion: 65 Resp: 122789
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046766.D
 Acq: 19 Jun 2025 12:54

Tgt Ion: 114 Resp: 317531
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.1 0.0 33.2

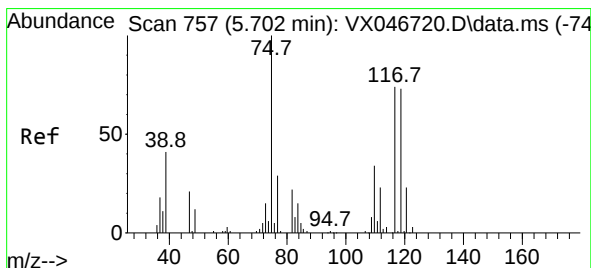
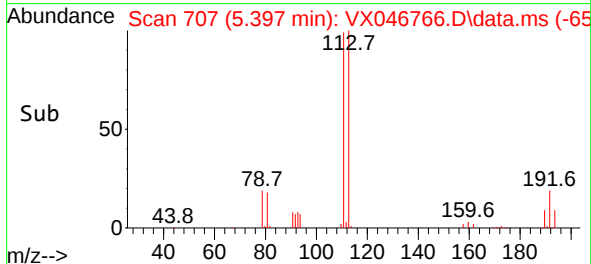
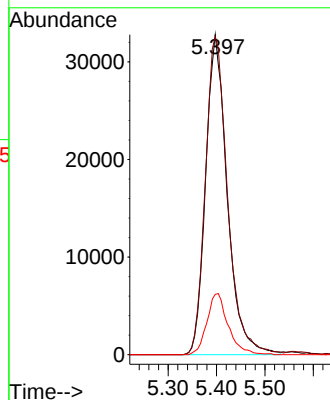
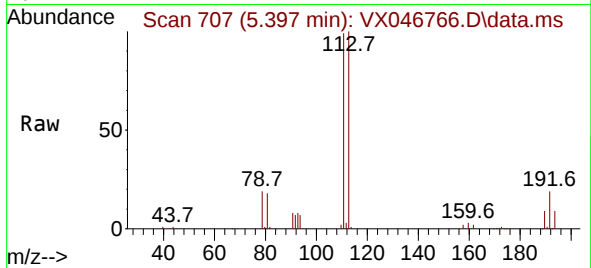




#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

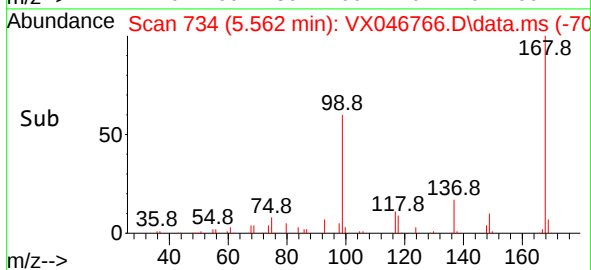
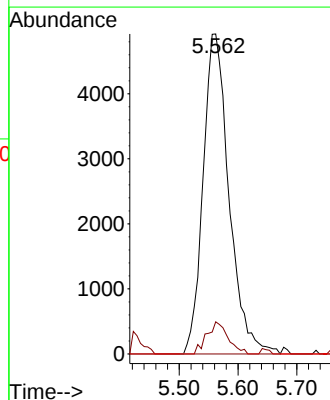
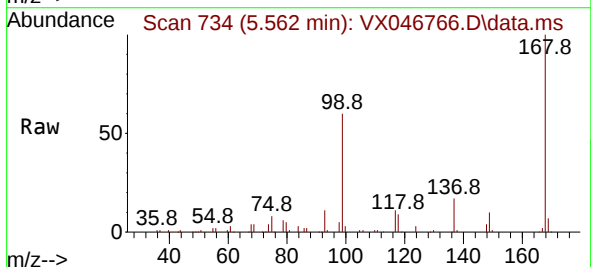
Instrument :
MSVOA_X
ClientSampleId :
MW4

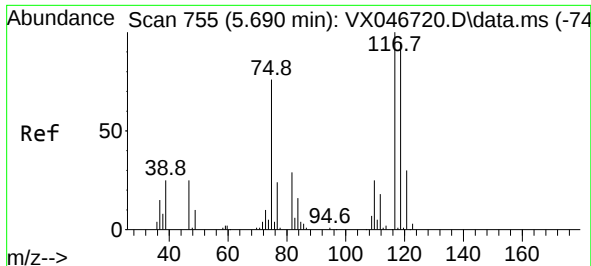
Tgt Ion:113 Resp: 101728
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

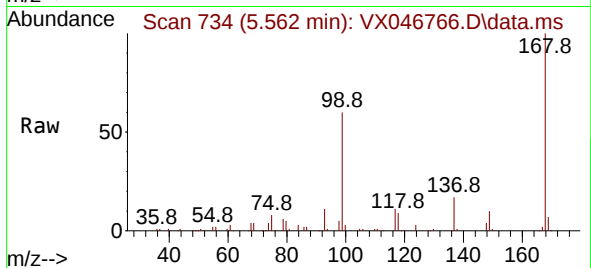
Tgt Ion: 75 Resp: 15095
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.5#
77 0.0 24.2 36.4#



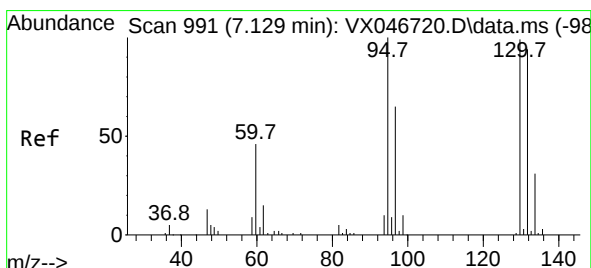
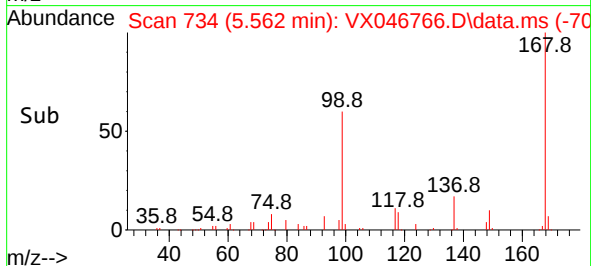
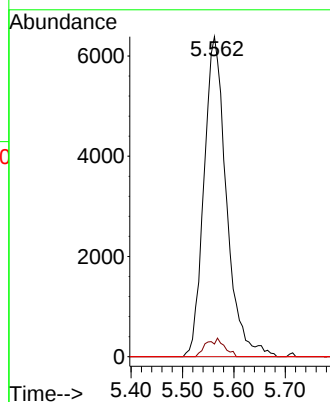


#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
MW4

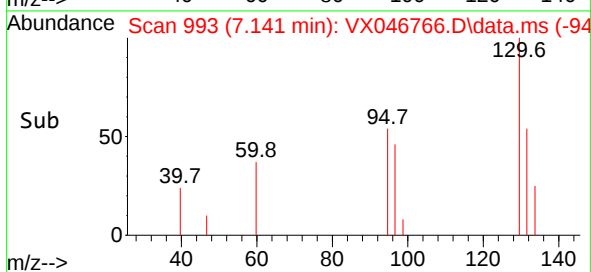
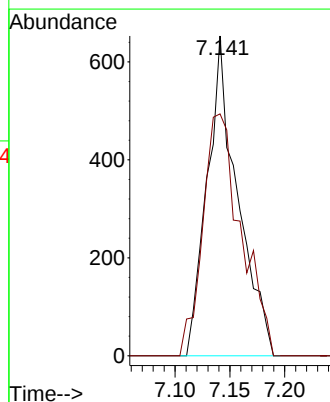
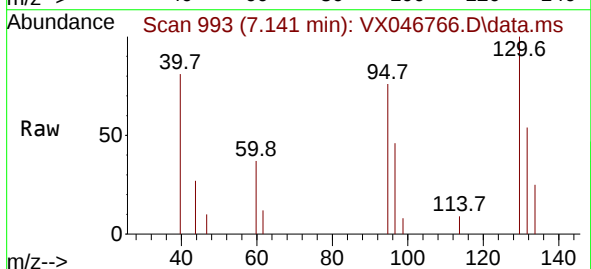


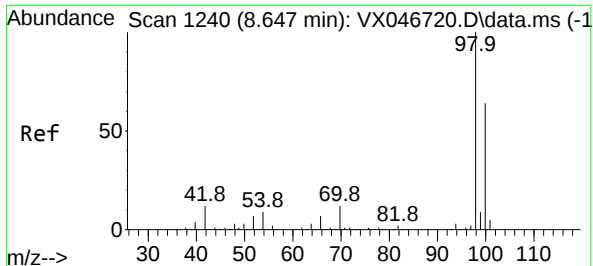
Tgt Ion:117 Resp: 19380
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.548 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

Tgt Ion:130 Resp: 1253
Ion Ratio Lower Upper
130 100
95 75.7 0.0 202.6





#50

Toluene-d8

Concen: 49.670 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046766.D

Acq: 19 Jun 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

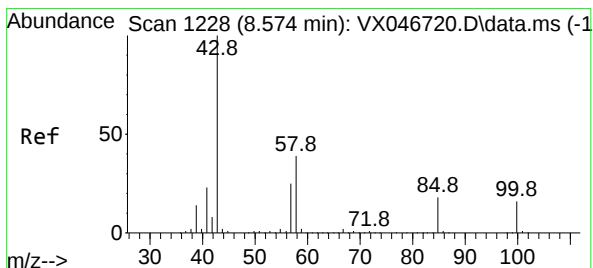
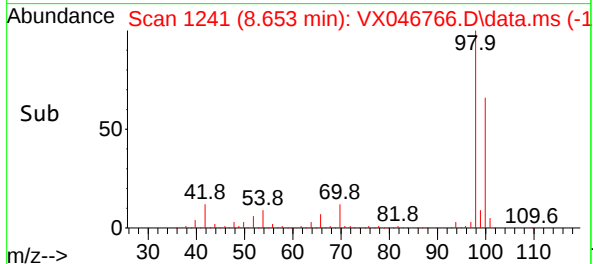
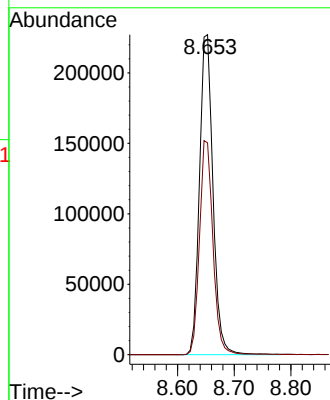
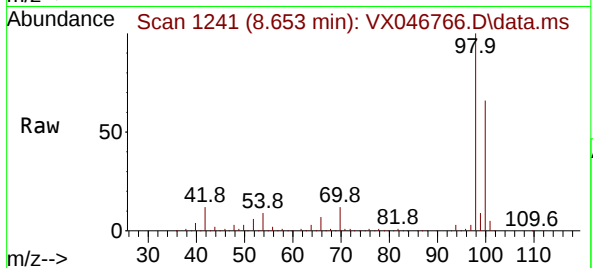
MW4

Tgt Ion: 98 Resp: 374910

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.681 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX046766.D

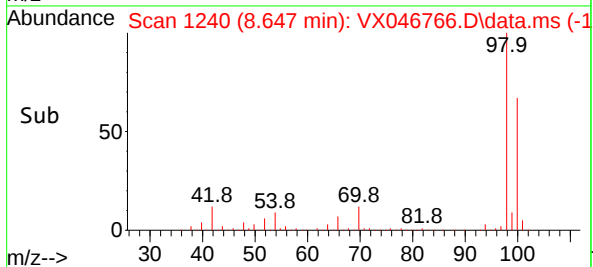
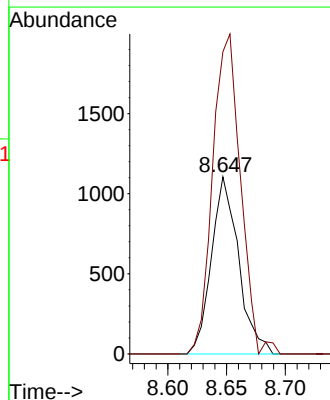
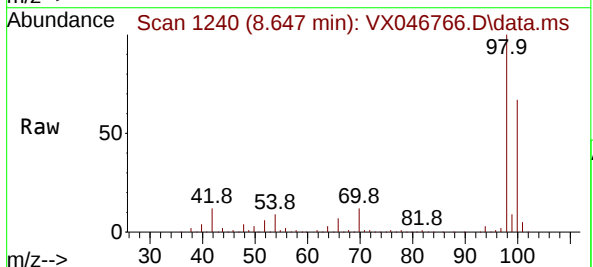
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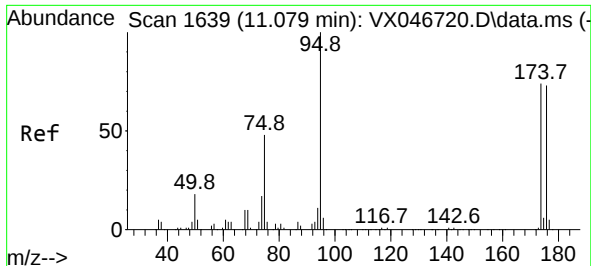
Tgt Ion: 43 Resp: 1780

Ion Ratio Lower Upper

43 100

58 185.2 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 49.426 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046766.D

Acq: 19 Jun 2025 12:54

Instrument :

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MW4

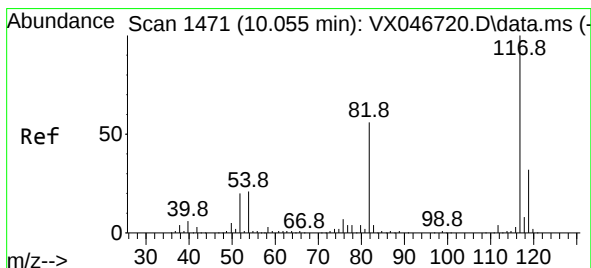
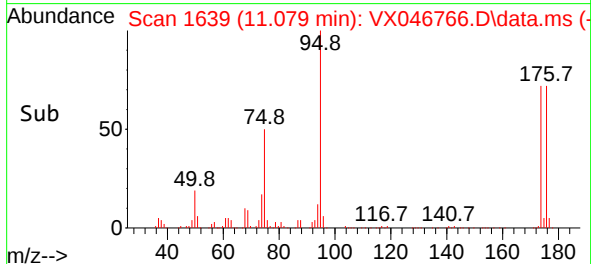
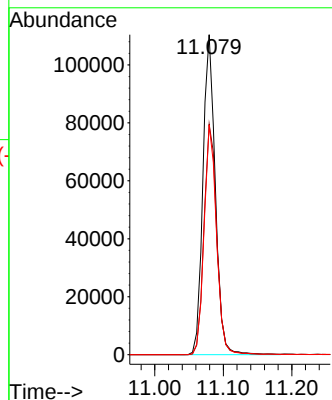
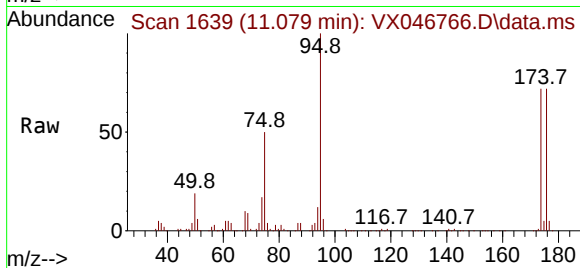
Tgt Ion: 95 Resp: 139067

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

176 71.9 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: VX046766.D

Acq: 19 Jun 2025 12:54

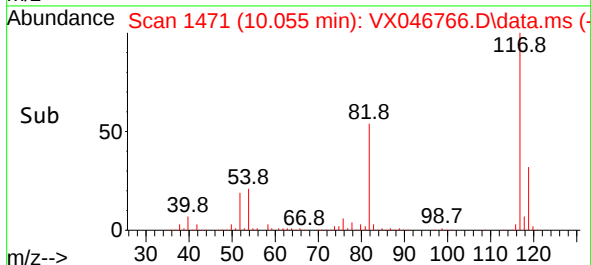
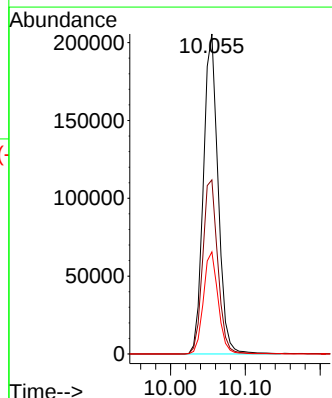
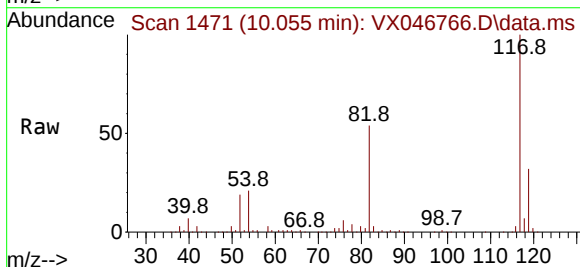
Tgt Ion: 117 Resp: 280337

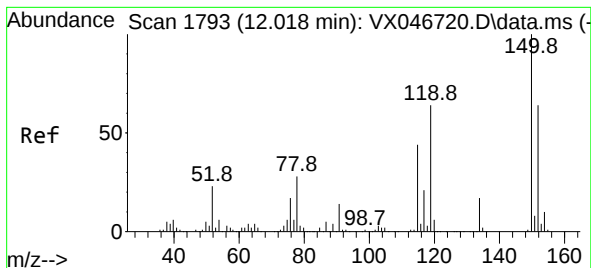
Ion Ratio Lower Upper

117 100

82 54.4 44.6 66.8

119 31.9 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: VX046766.D

Acq: 19 Jun 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

MW4

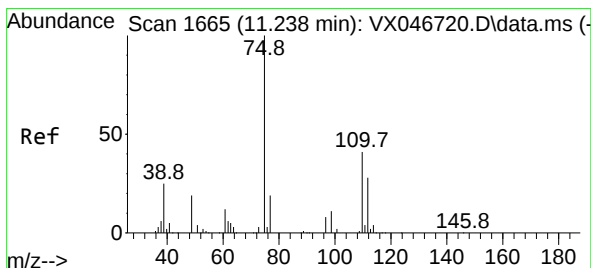
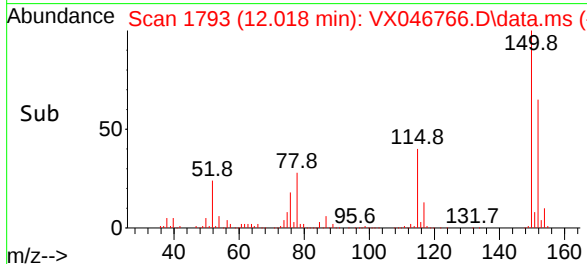
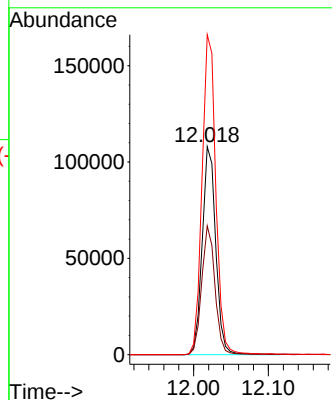
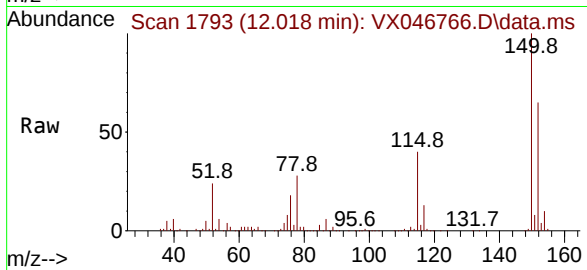
Tgt Ion:152 Resp: 136063

Ion Ratio Lower Upper

152 100

115 61.0 43.2 129.6

150 156.1 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 28.258 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046766.D

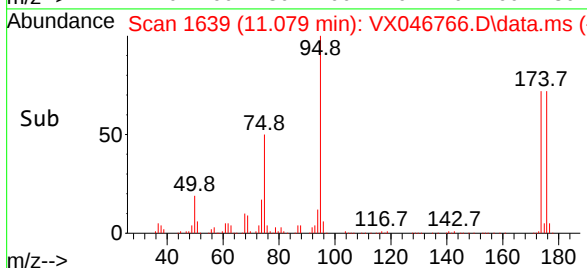
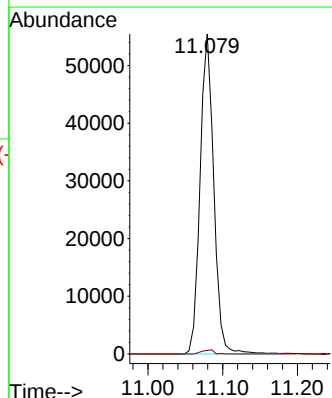
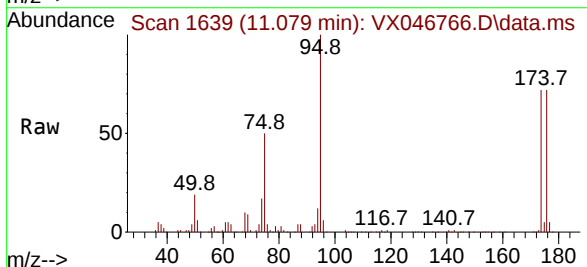
Acq: 19 Jun 2025 12:54

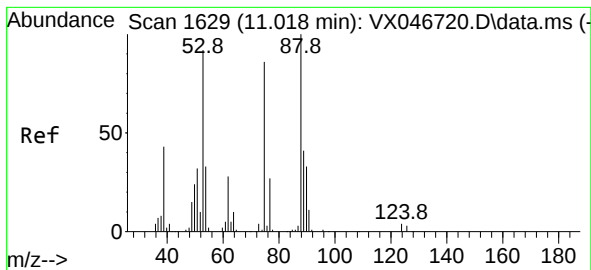
Tgt Ion: 75 Resp: 70419

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.873 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046766.D
Acq: 19 Jun 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 75 Resp: 70419
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

