

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046796.D
 Acq On : 20 Jun 2025 20:04
 Operator : JC/MD
 Sample : Q2318-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jun 21 00:14:31 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	177814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115240	46.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	5.397	113	97687	48.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.647	98	367391	51.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.079	95	132138	49.361	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.720%

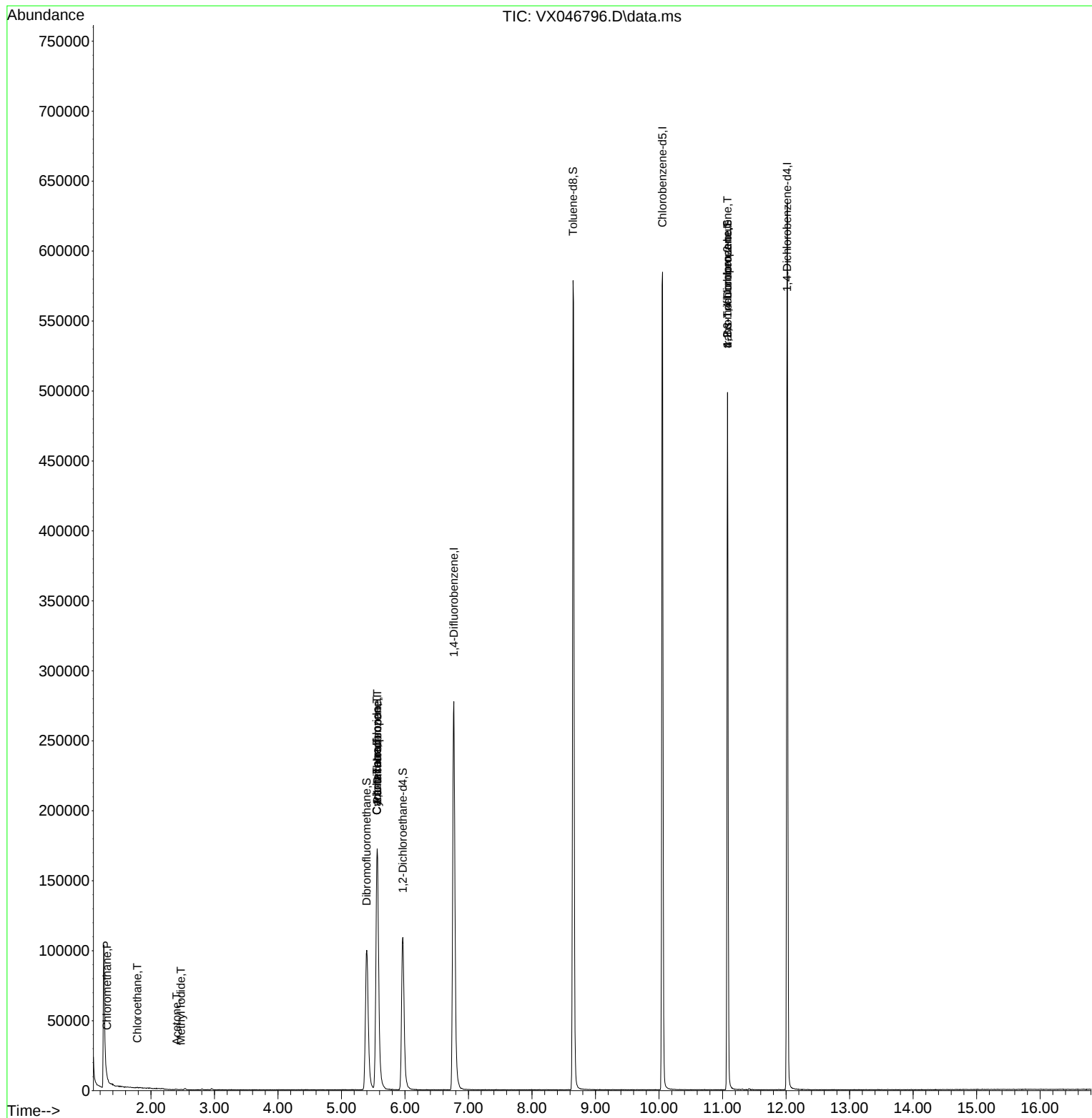
Target Compounds						Qvalue
3) Chloromethane	1.307	50	641	0.313	ug/l #	83
6) Chloroethane	1.782	64	302	0.228	ug/l #	41
10) Methyl Iodide	2.471	142	286	4.436	ug/l #	75
16) Acetone	2.404	43	766	0.934	ug/l #	76
31) Cyclohexane	5.556	56	3387	0.920	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14394	4.989	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18153	5.797	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	67355	27.839	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	67355	78.689	ug/l #	7

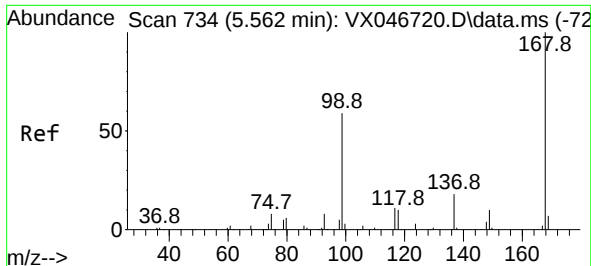
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046796.D
Acq On : 20 Jun 2025 20:04
Operator : JC/MD
Sample : Q2318-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jun 21 00:14:31 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

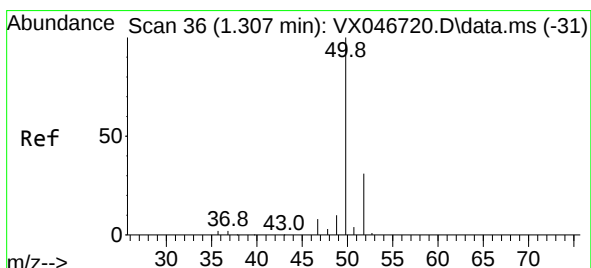
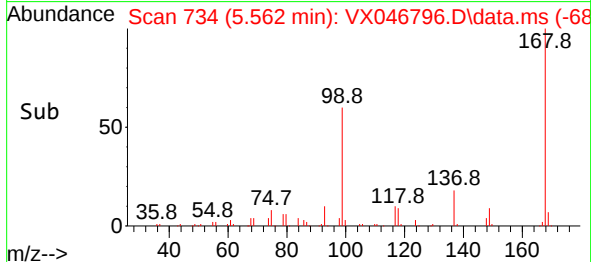
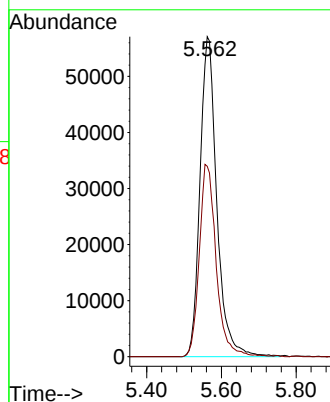
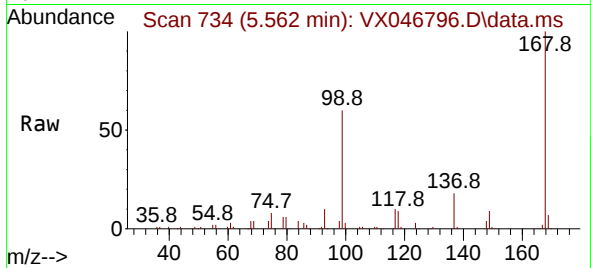




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

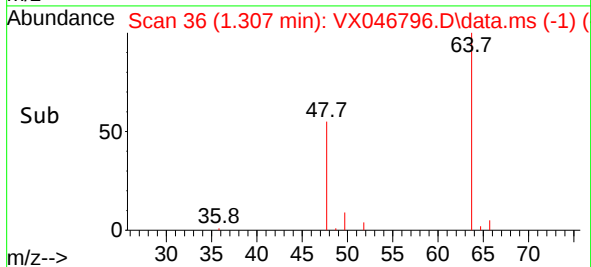
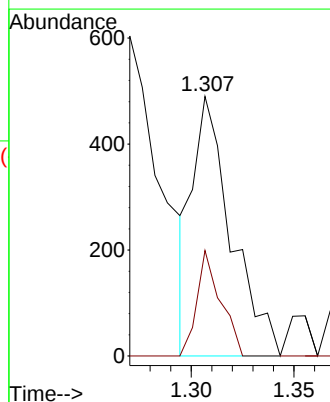
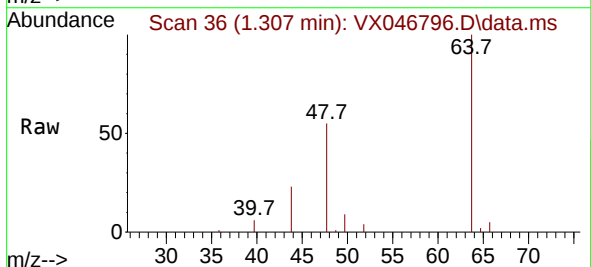
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

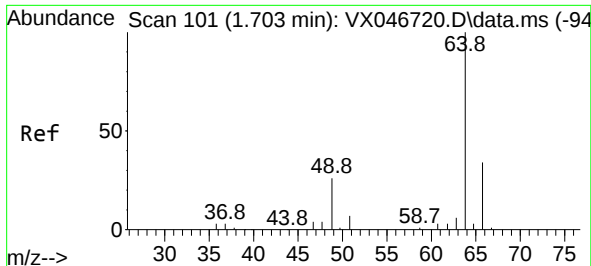
Tgt Ion:168 Resp: 177814
Ion Ratio Lower Upper
168 100
99 59.5 48.5 72.7



#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 40.6 24.9 37.3#

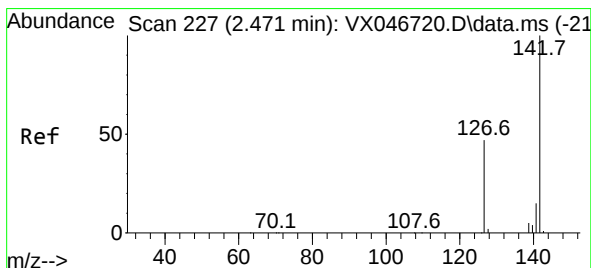
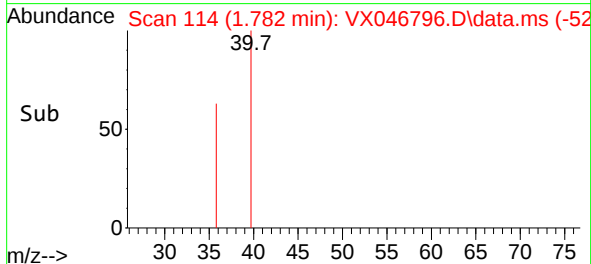
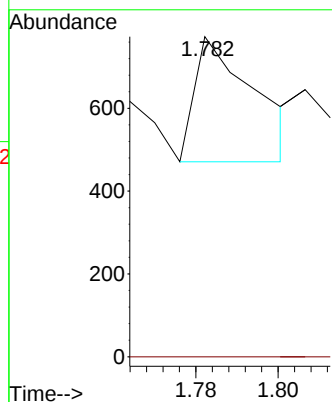
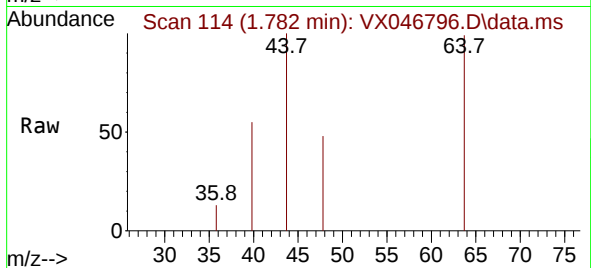




#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.079 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

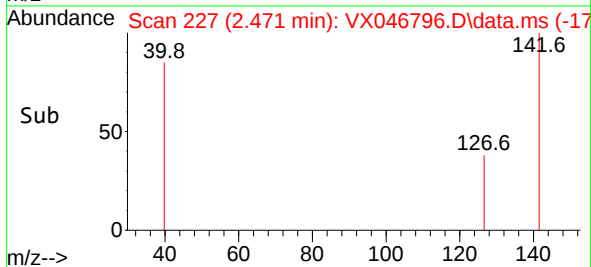
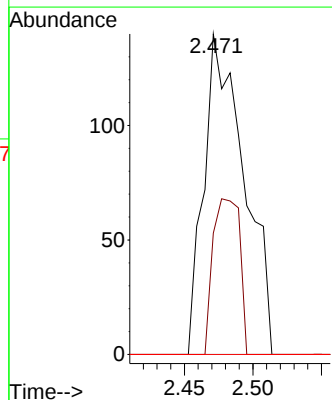
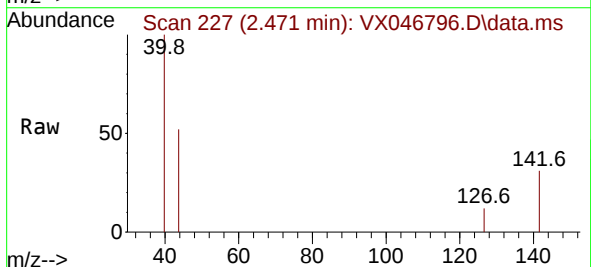
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

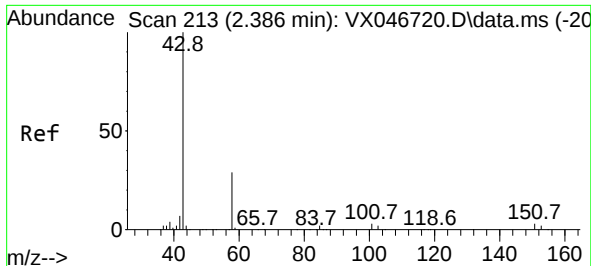
Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.436 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 32.2 37.0 55.6#
141 0.0 11.5 17.3#

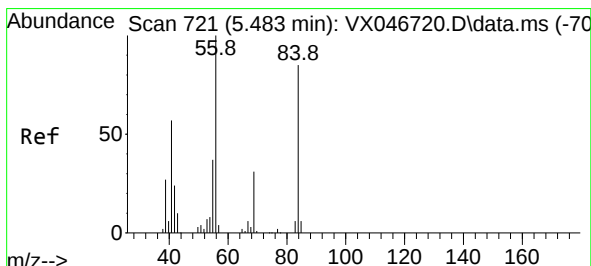
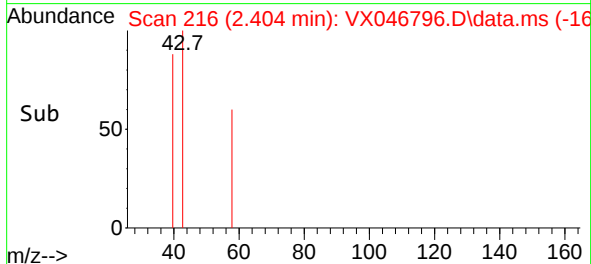
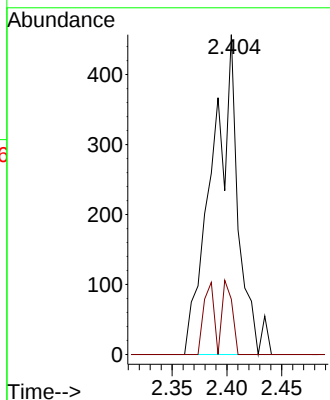
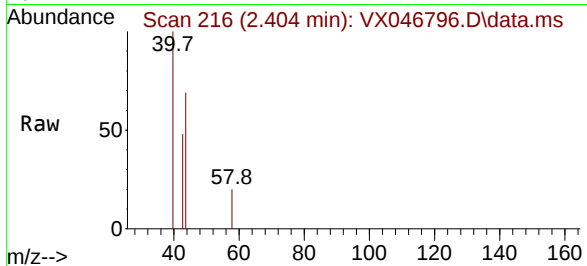




#16
Acetone
Concen: 0.934 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

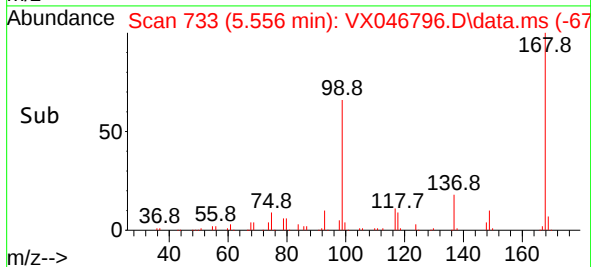
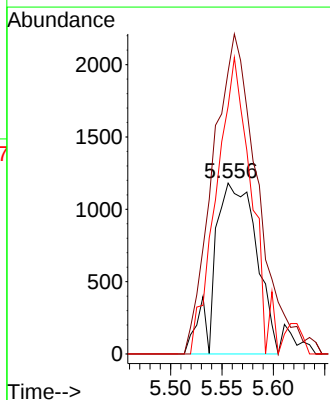
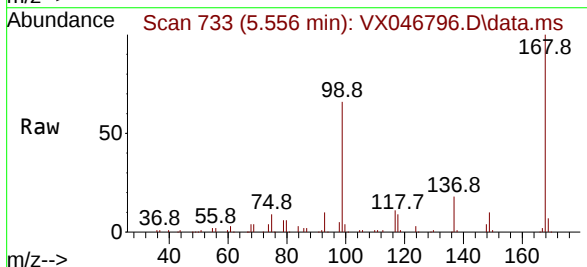
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

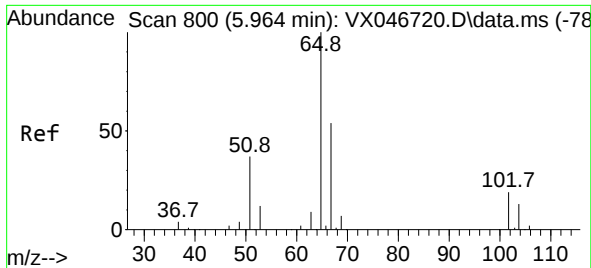
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 17.3 24.5 36.7#



#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 56 Resp: 3387
Ion Ratio Lower Upper
56 100
69 165.3 24.8 37.2#
84 145.0 68.2 102.2#

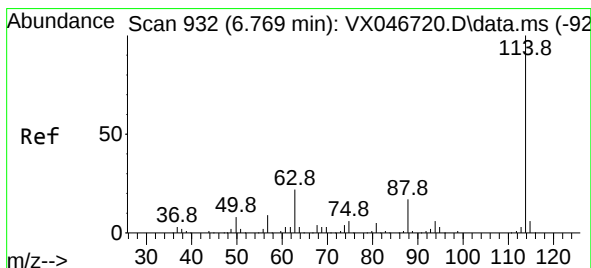
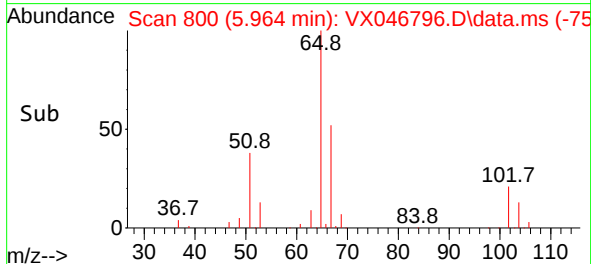
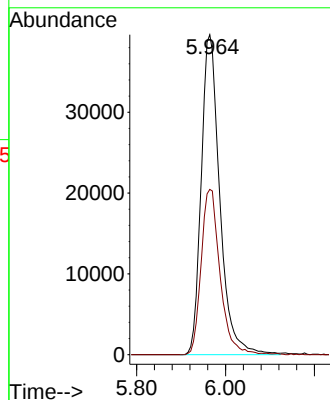
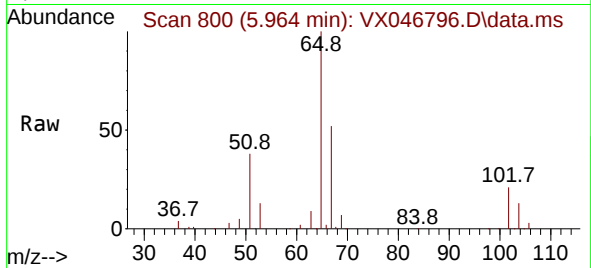




#33
 1,2-Dichloroethane-d4
 Concen: 46.855 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046796.D
 Acq: 20 Jun 2025 20:04

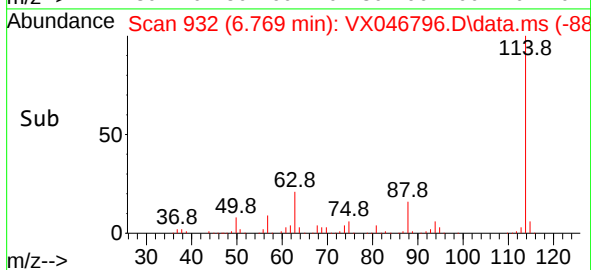
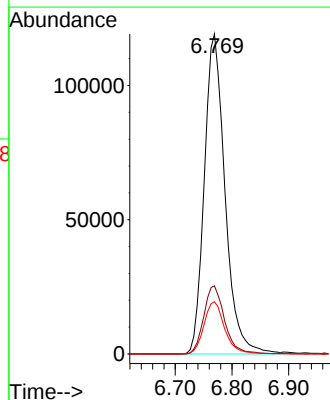
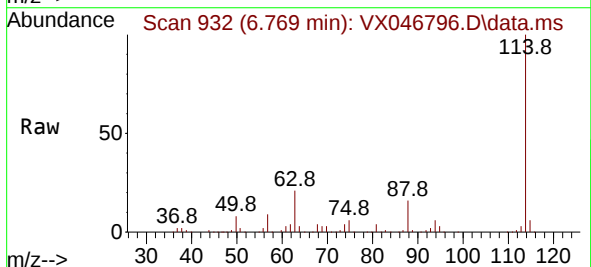
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

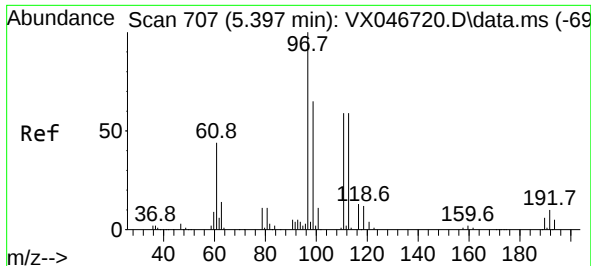
Tgt Ion: 65 Resp: 115240
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046796.D
 Acq: 20 Jun 2025 20:04

Tgt Ion: 114 Resp: 302110
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.2
 88 16.4 0.0 33.2

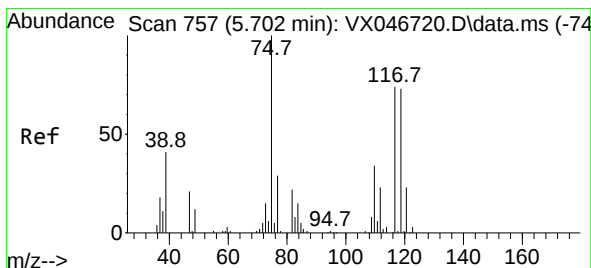
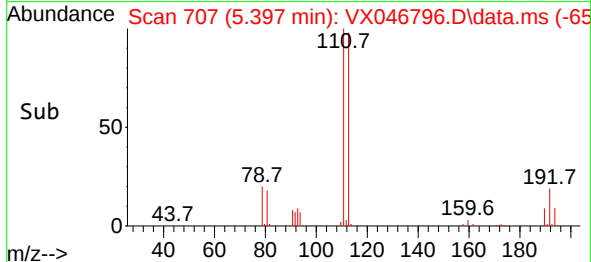
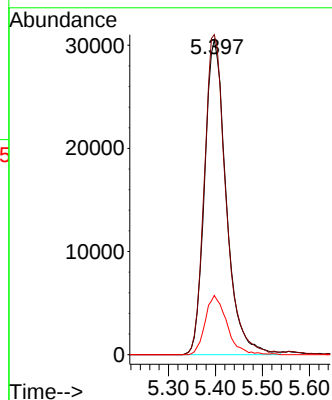
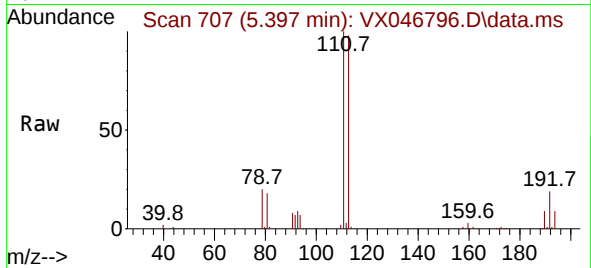




#35
Dibromofluoromethane
Concen: 48.871 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

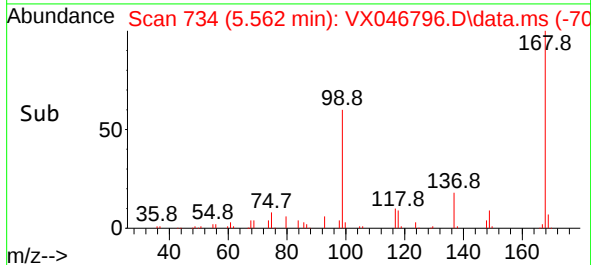
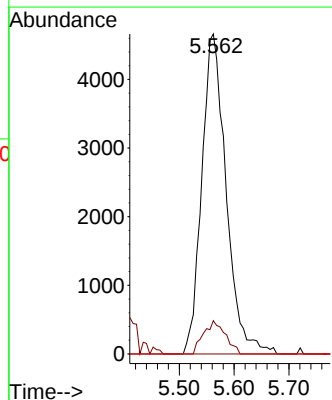
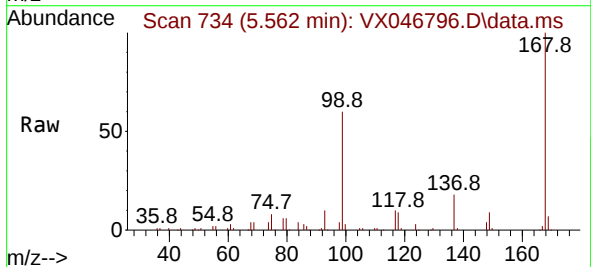
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

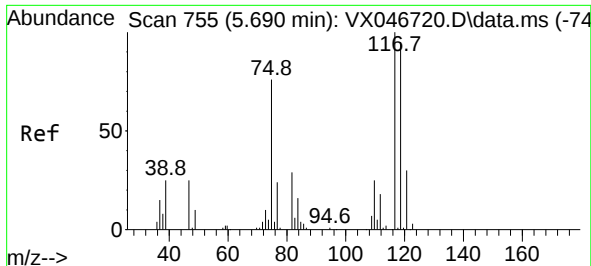
Tgt Ion:113 Resp: 97687
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 18.9 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

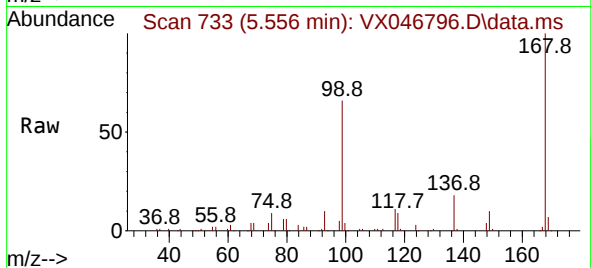
Tgt Ion: 75 Resp: 14394
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 24.2 36.4#



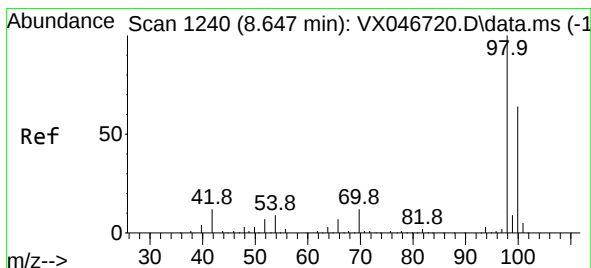
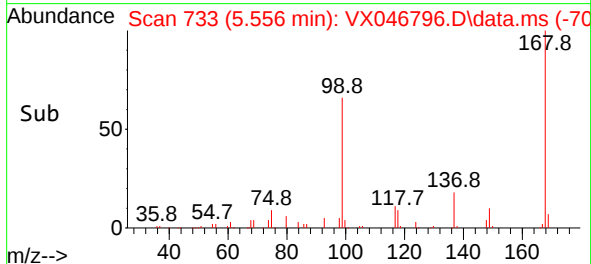
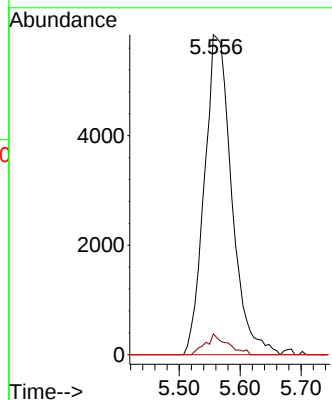


#38
Carbon Tetrachloride
Concen: 5.797 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

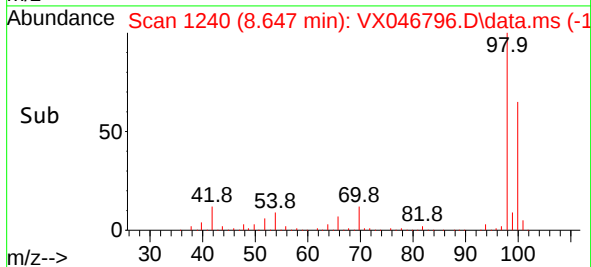
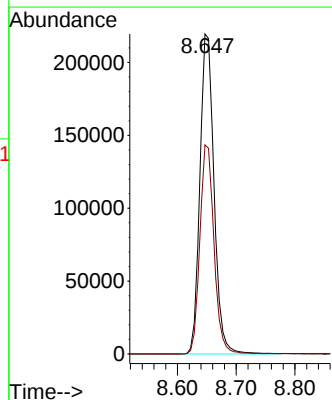
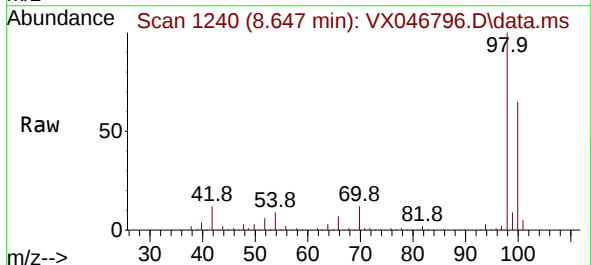


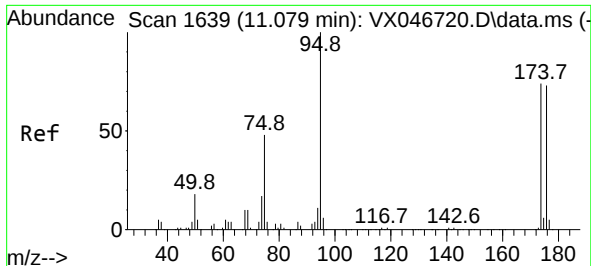
Tgt Ion:117 Resp: 18153
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 51.158 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 98 Resp: 367391
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

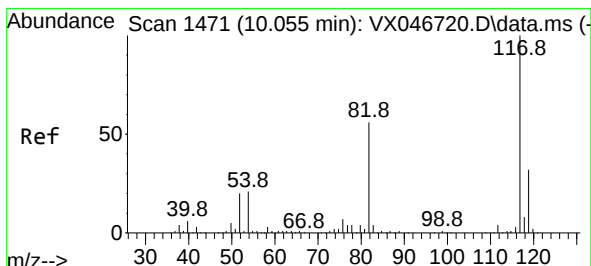
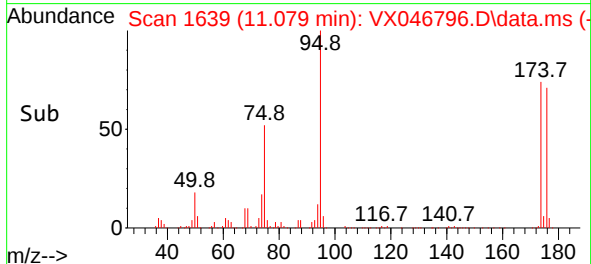
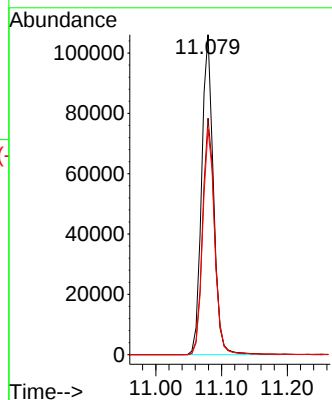
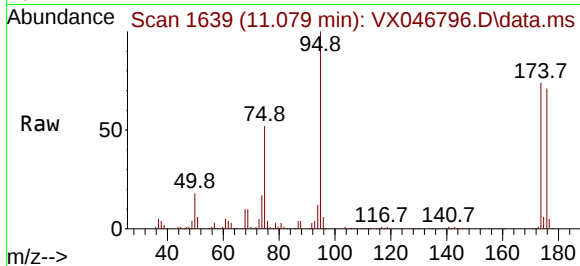




#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

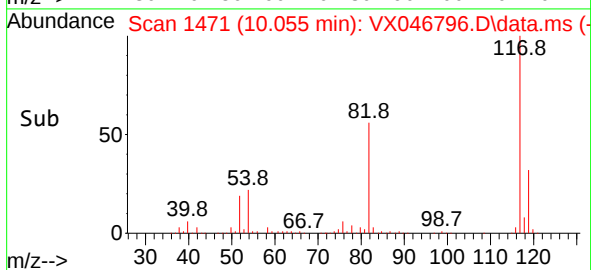
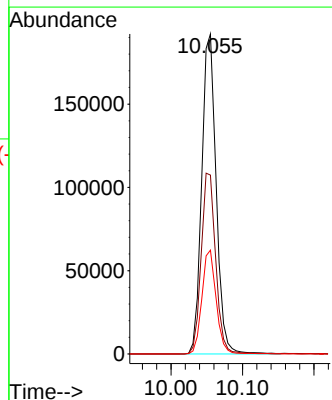
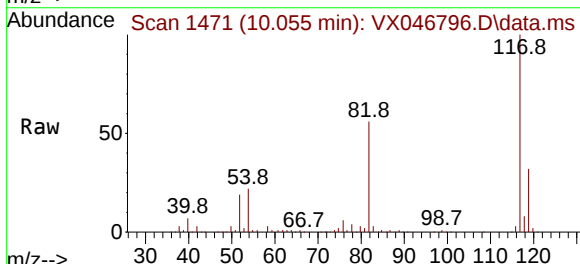
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

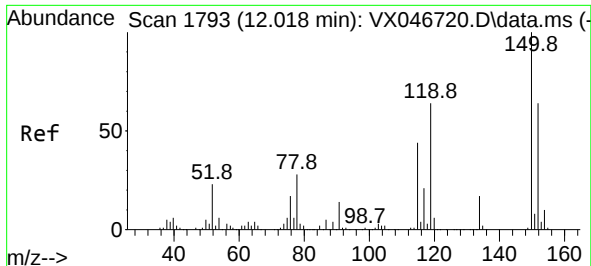
Tgt Ion: 95 Resp: 132138
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 71.8 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 117 Resp: 269202
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 32.4 25.8 38.8

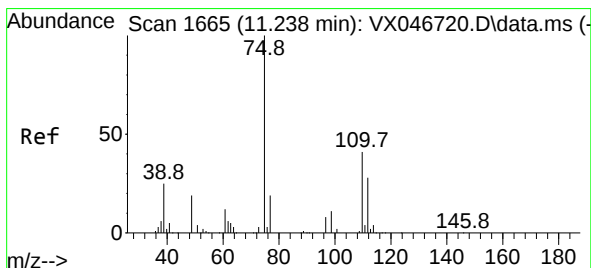
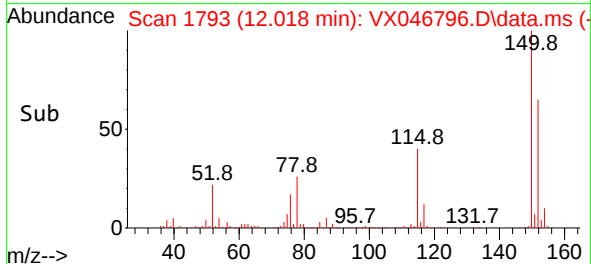
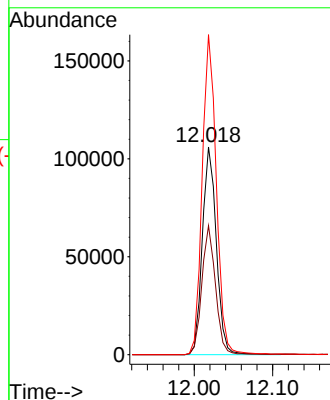
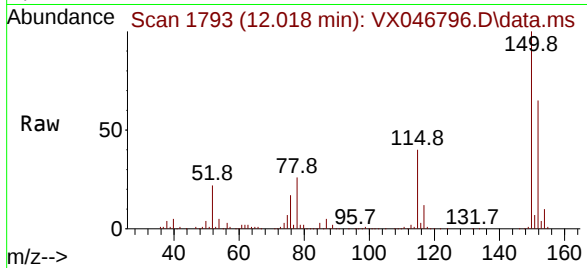




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

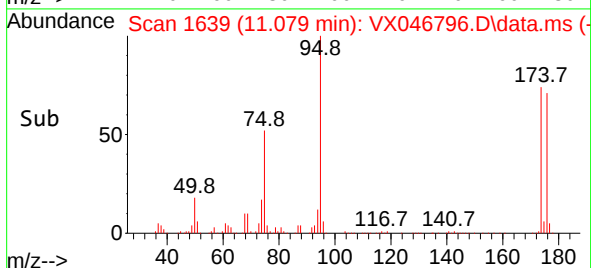
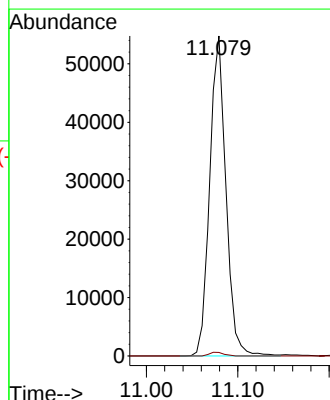
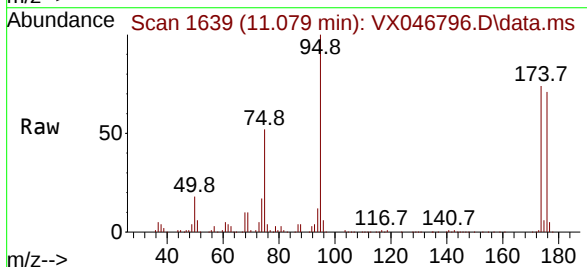
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

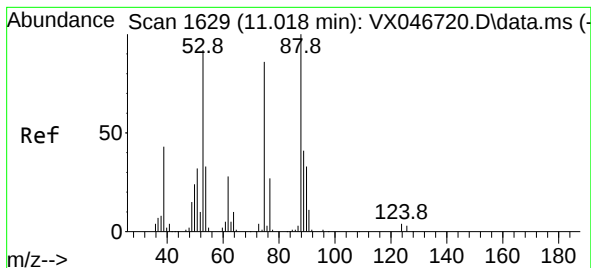
Tgt Ion:152 Resp: 132101
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 155.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 75 Resp: 67355
Ion Ratio Lower Upper
75 100
77 1.0 18.5 55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 78.689 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX046796.D

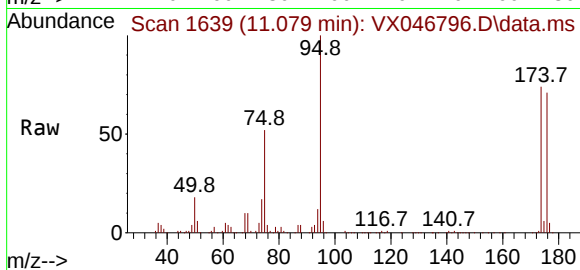
Acq: 20 Jun 2025 20:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 67355

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

