

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046800.D
 Acq On : 20 Jun 2025 21:27
 Operator : JC/MD
 Sample : Q2378-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:54 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	110284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75324	49.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.760%
35) Dibromofluoromethane	5.397	113	62554	49.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.647	98	229059	50.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	85756	50.667	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.340%

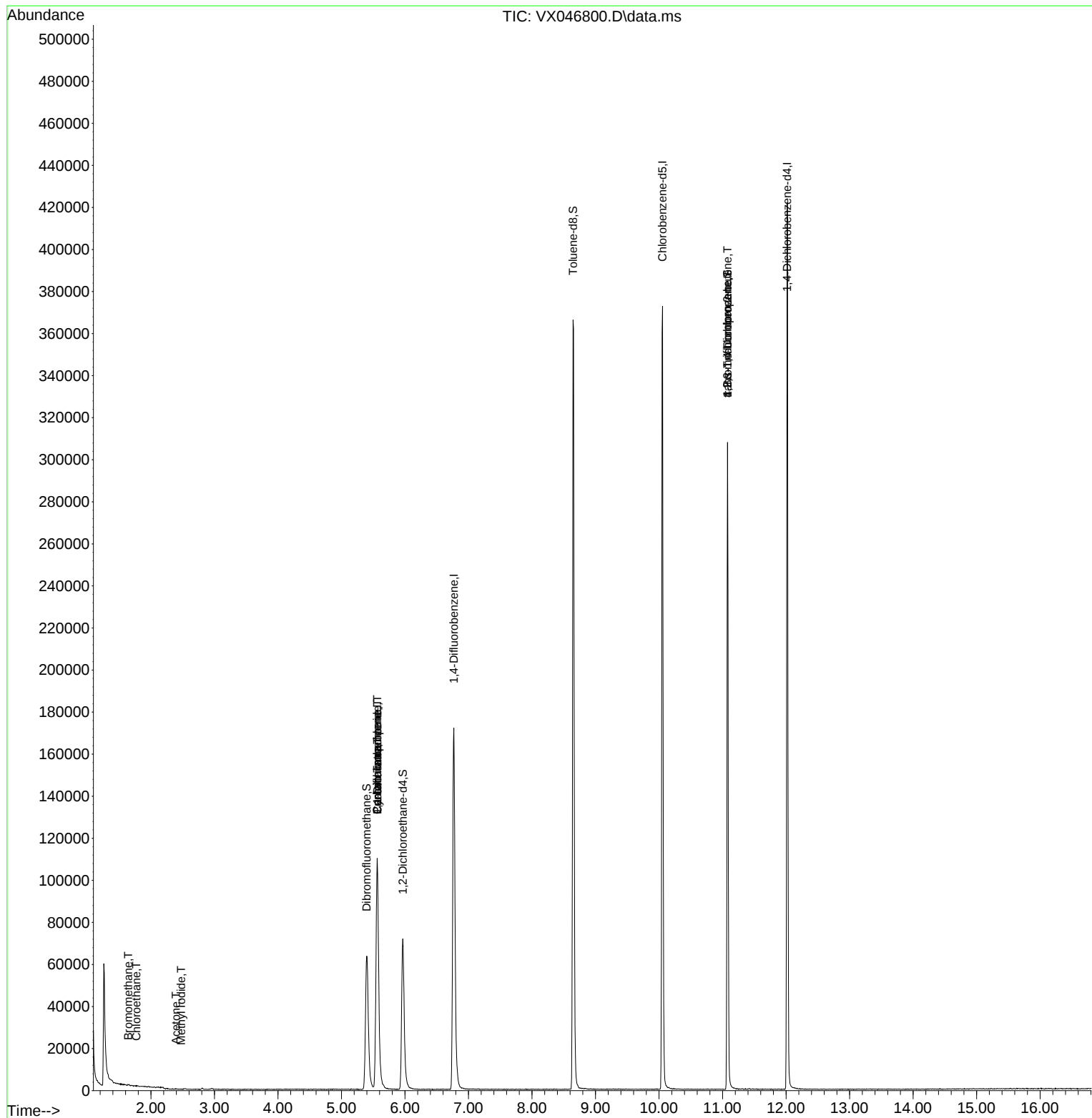
Target Compounds					Qvalue	
5) Bromomethane	1.642	94	155	0.203	ug/l #	61
6) Chloroethane	1.770	64	313	0.381	ug/l #	41
10) Methyl Iodide	2.477	142	99	4.391	ug/l #	38
16) Acetone	2.392	43	328	0.645	ug/l #	44
31) Cyclohexane	5.562	56	2258	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9237	5.063	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11374	5.745	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	43196	27.290	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43196	77.136	ug/l #	7

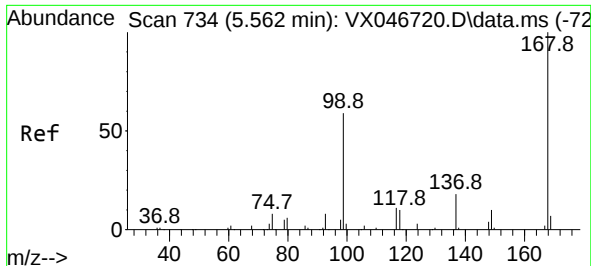
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

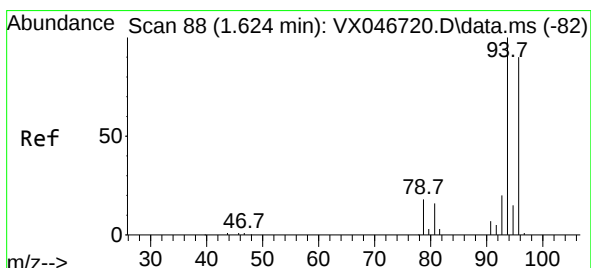
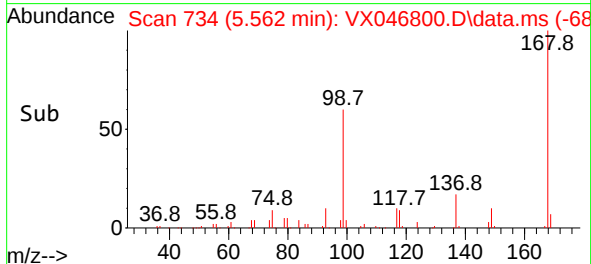
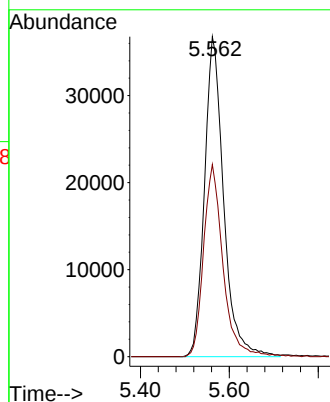
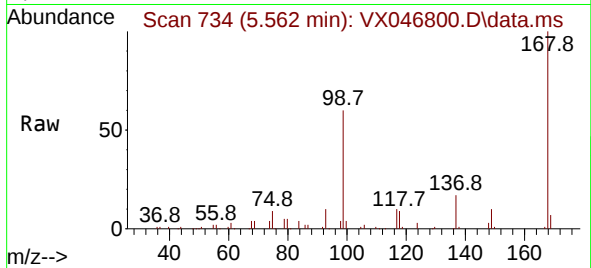




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

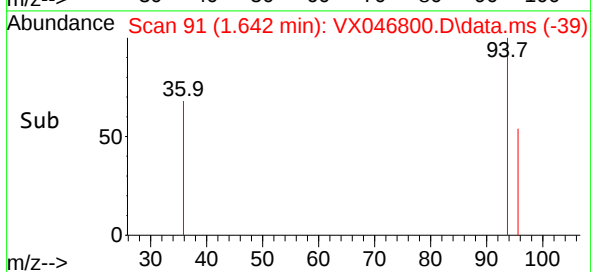
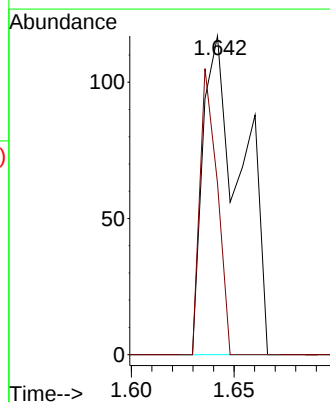
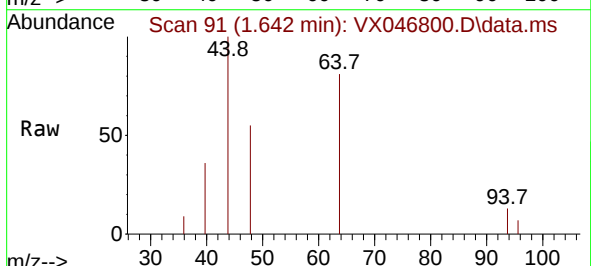
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

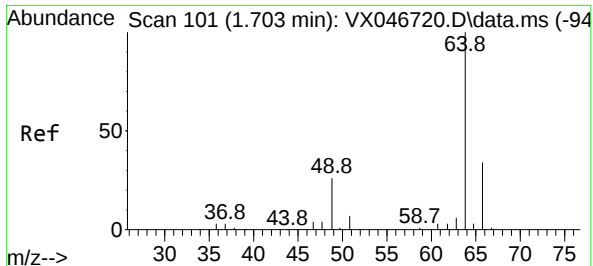
Tgt Ion:168 Resp: 110284
Ion Ratio Lower Upper
168 100
99 60.1 48.5 72.7



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

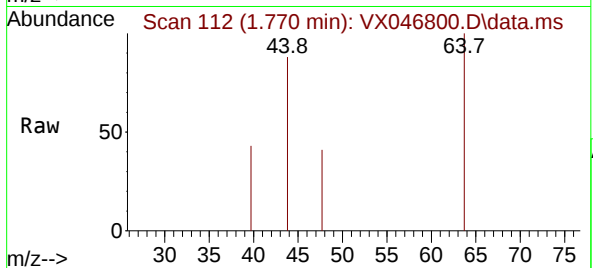
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 53.8 72.3 108.5#



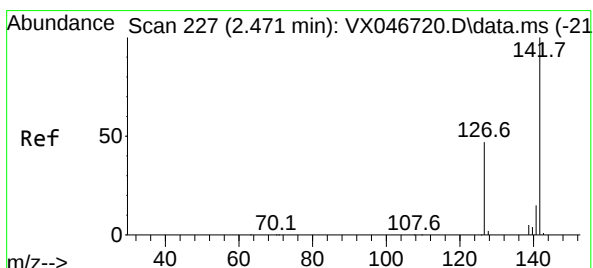
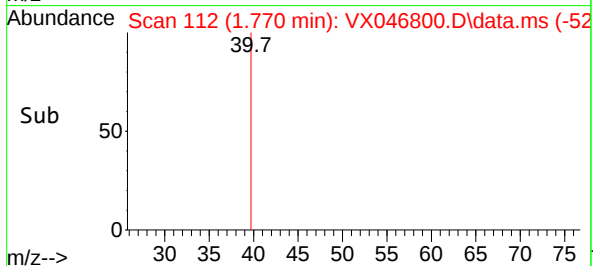
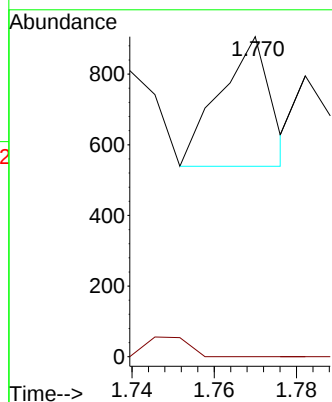


#6
Chloroethane
Concen: 0.381 ug/l
RT: 1.770 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

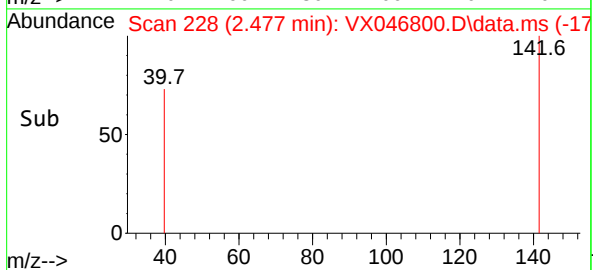
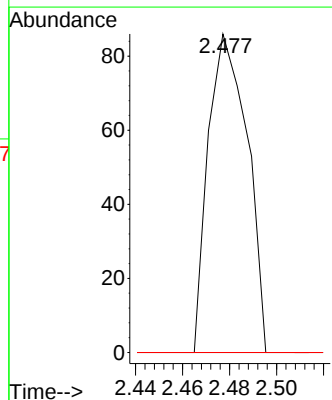
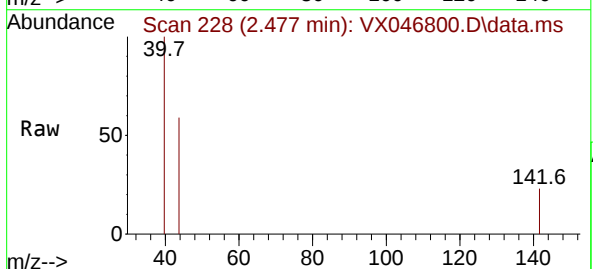


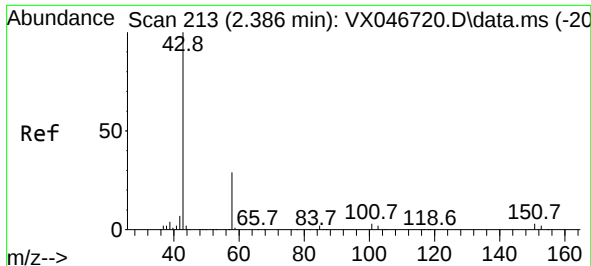
Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.391 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

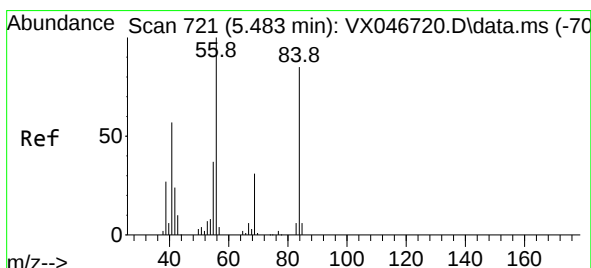
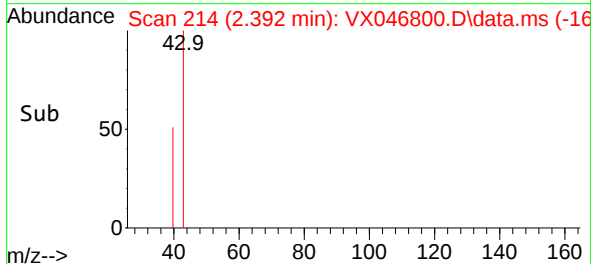
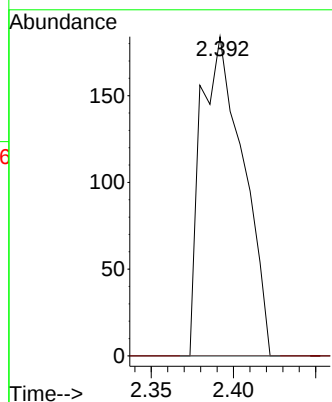
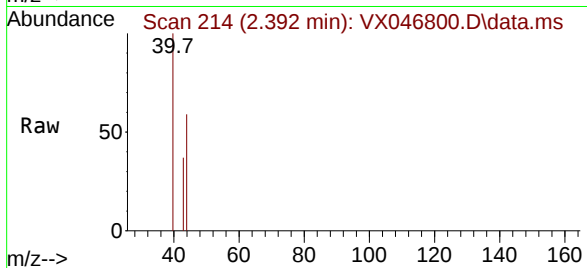




#16
Acetone
Concen: 0.645 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

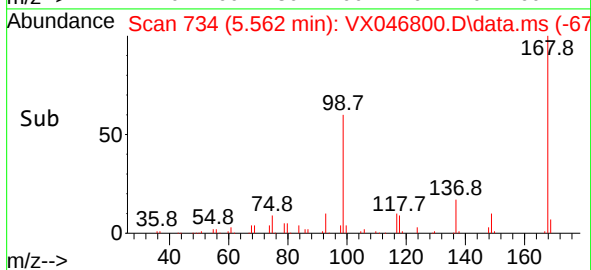
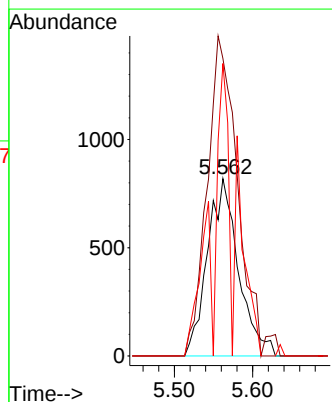
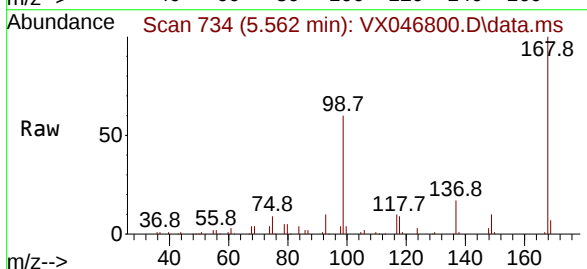
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

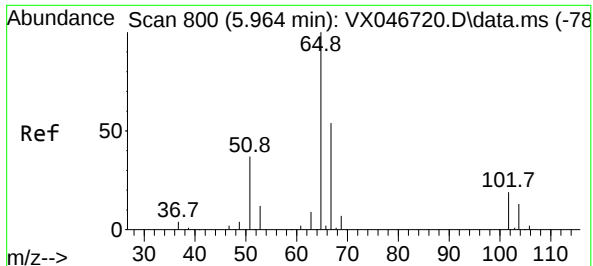
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 56 Resp: 2258
Ion Ratio Lower Upper
56 100
69 167.8 24.8 37.2#
84 165.0 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 49.379 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046800.D

Acq: 20 Jun 2025 21:27

Instrument :

MSVOA_X

ClientSampleId :

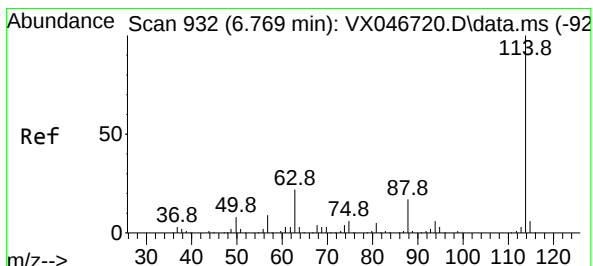
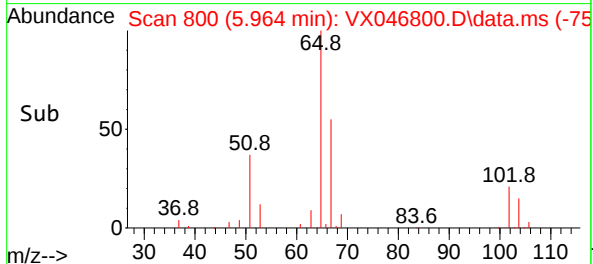
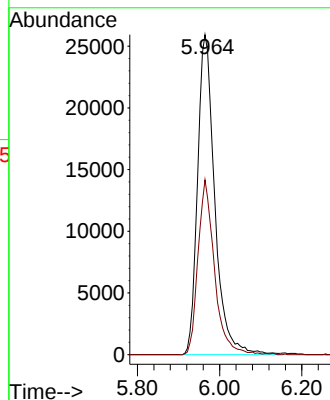
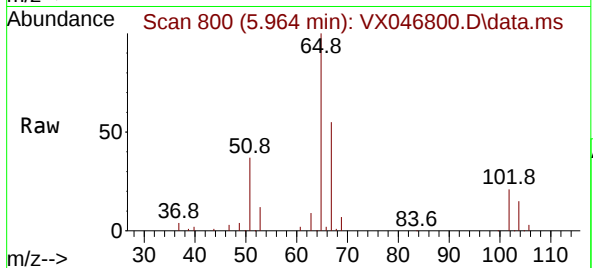
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 75324

Ion Ratio Lower Upper

65 100

67 52.4 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: VX046800.D

Acq: 20 Jun 2025 21:27

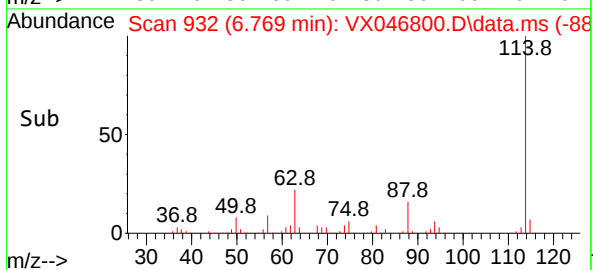
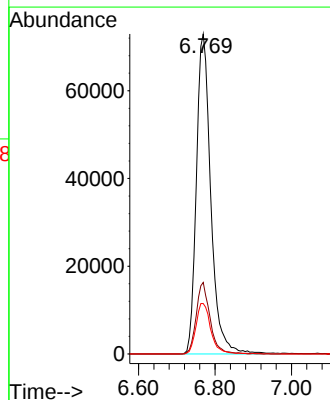
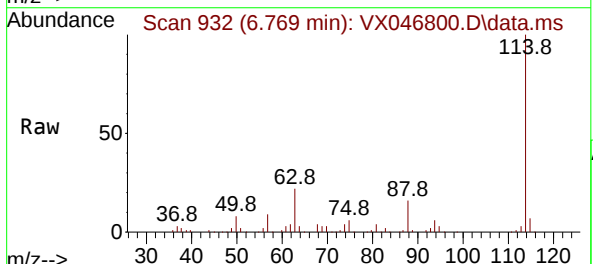
Tgt Ion: 114 Resp: 191013

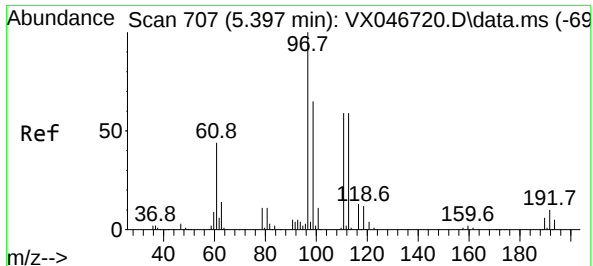
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.497 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046800.D

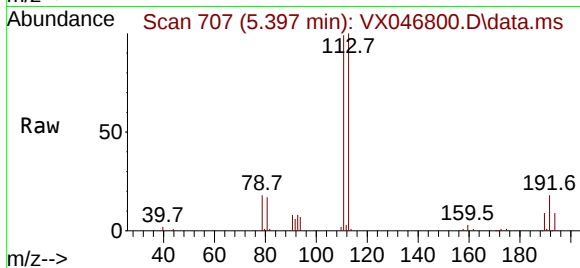
Acq: 20 Jun 2025 21:27

Instrument :

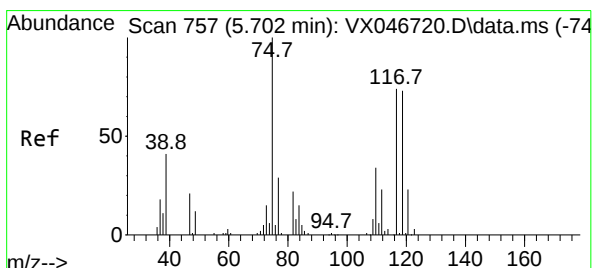
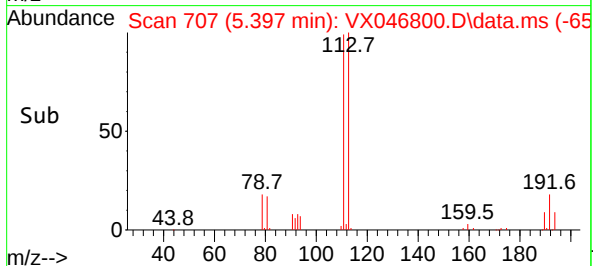
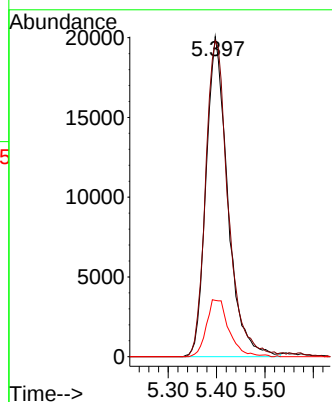
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion:	113	Resp:	62554
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.3	15.3	22.9



#36

1,1-Dichloropropene

Concen: 5.063 ug/l

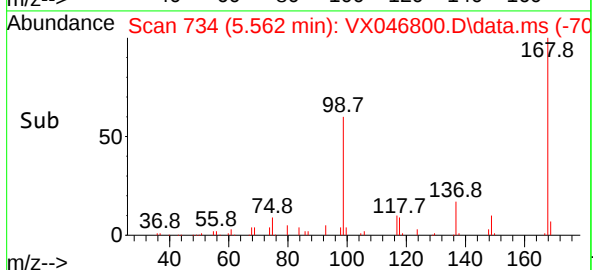
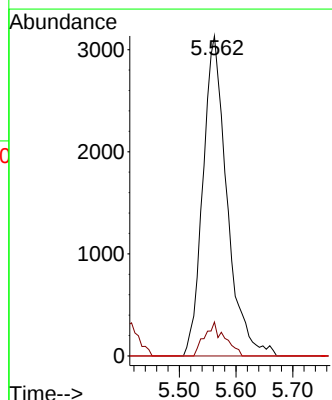
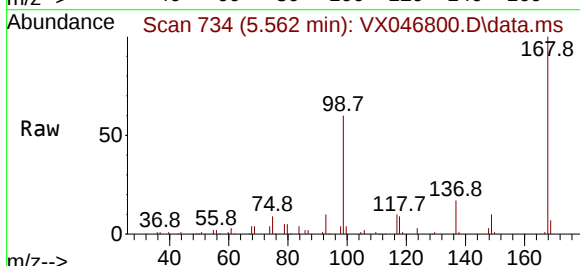
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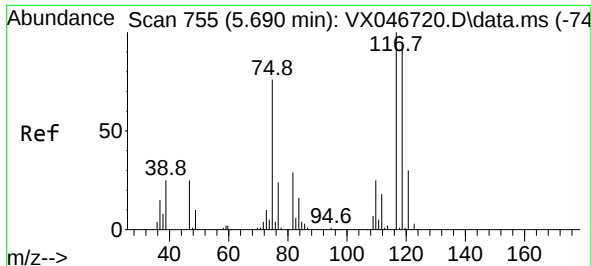
Delta R.T. -0.140 min

Lab File: VX046800.D

Acq: 20 Jun 2025 21:27

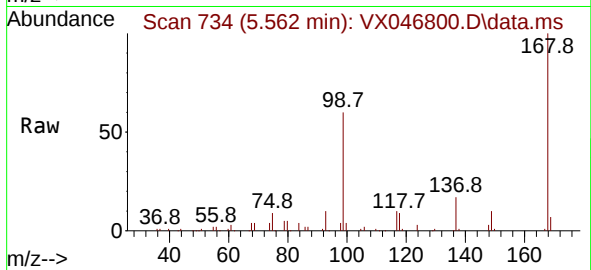
Tgt Ion:	75	Resp:	9237
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.2	51.5#
77	0.0	24.2	36.4#



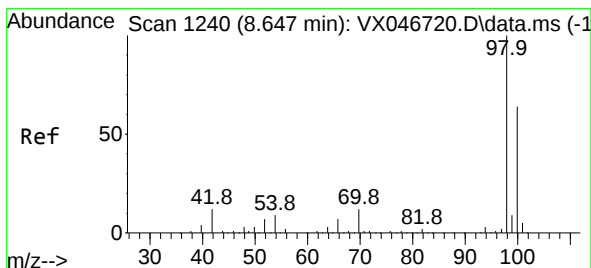
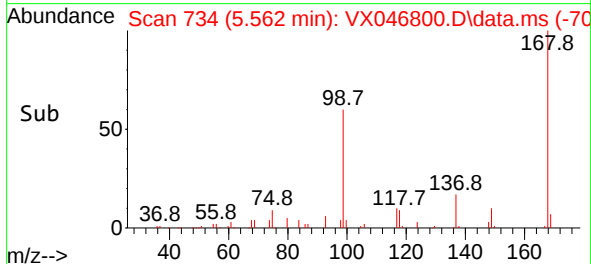
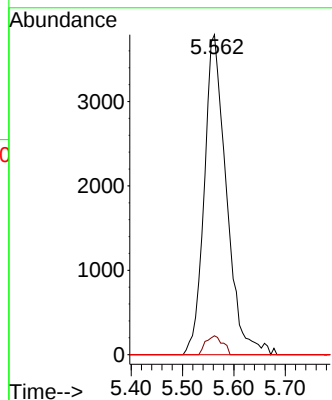


#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

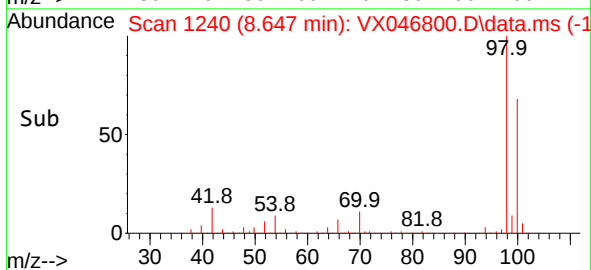
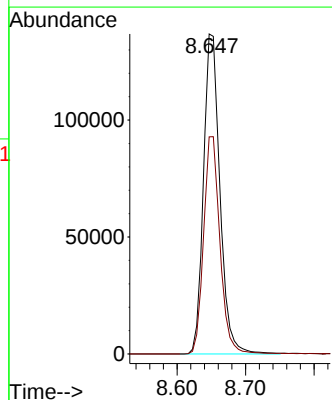
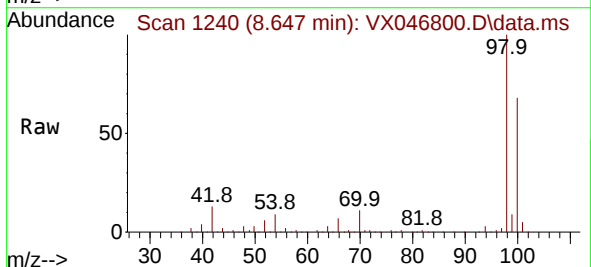


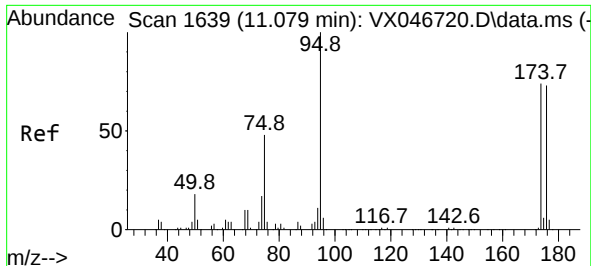
Tgt Ion:117 Resp: 11374
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 98 Resp: 229059
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4

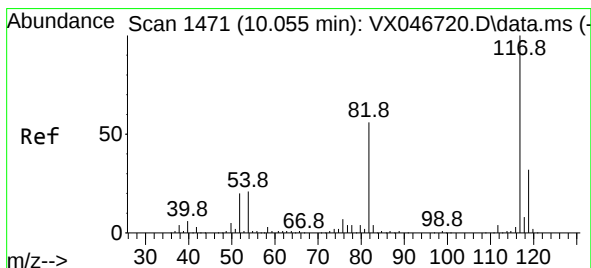
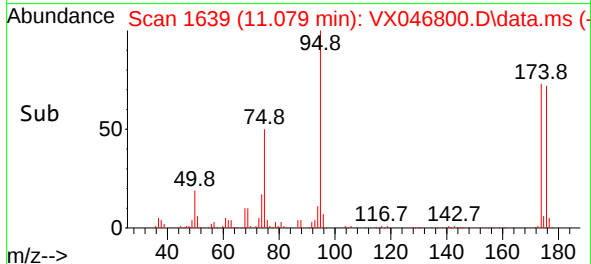
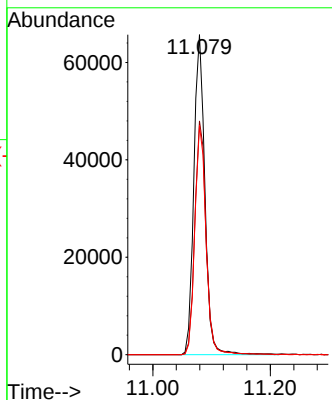
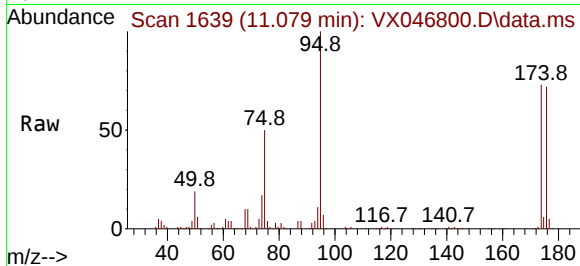




#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

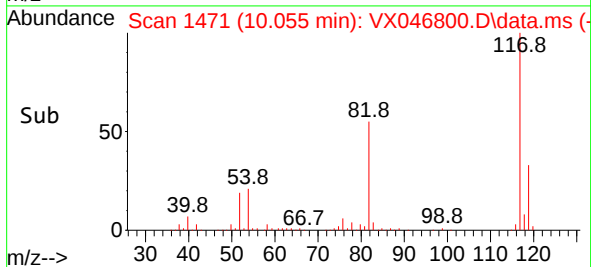
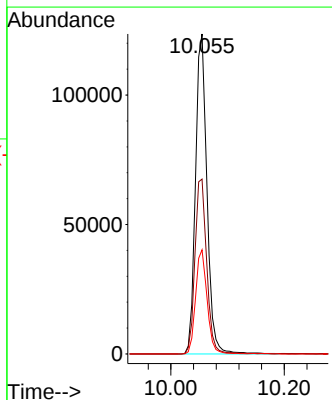
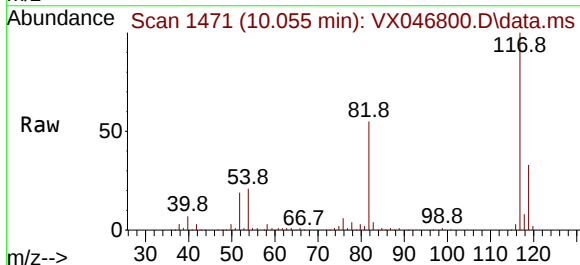
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

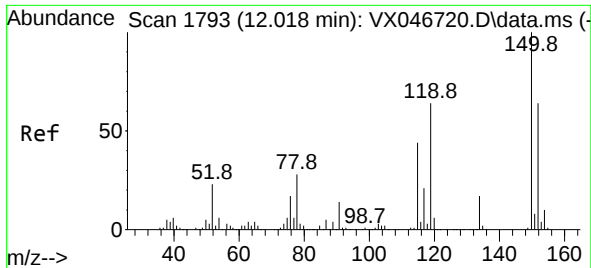
Tgt Ion: 95 Resp: 85756
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 72.6 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 117 Resp: 173788
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.6 25.8 38.8

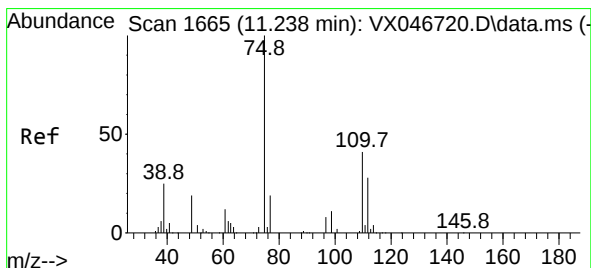
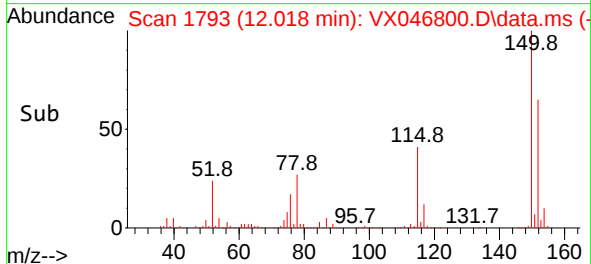
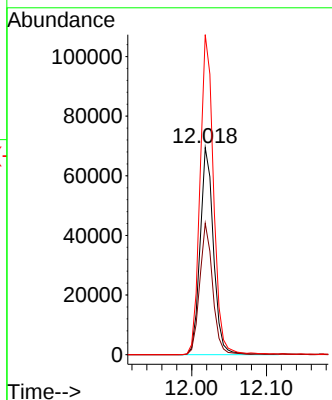
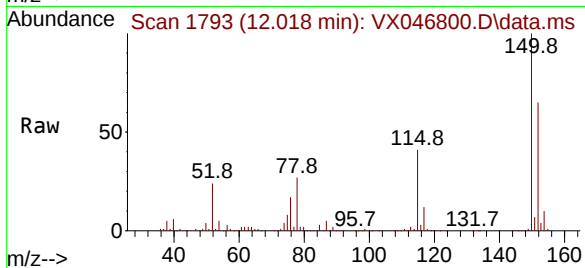




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

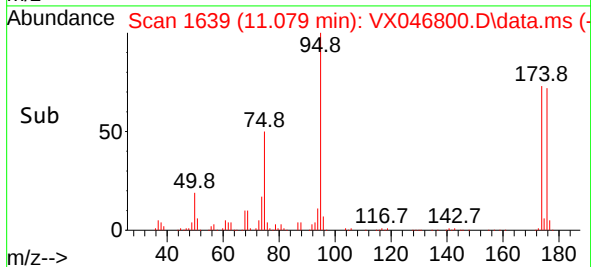
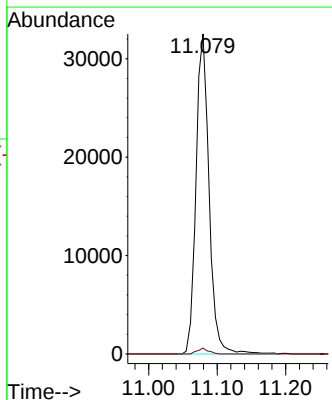
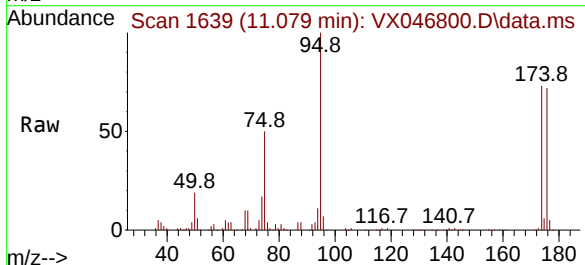
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

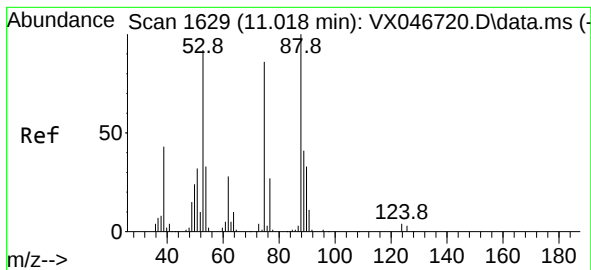
Tgt Ion:152 Resp: 86424
Ion Ratio Lower Upper
152 100
115 61.6 43.2 129.6
150 156.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.290 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 75 Resp: 43196
Ion Ratio Lower Upper
75 100
77 1.5 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.136 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046800.D
 Acq: 20 Jun 2025 21:27

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

Tgt Ion: 75 Resp: 43196
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

