

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046788.D
 Acq On : 20 Jun 2025 17:19
 Operator : JC/MD
 Sample : Q2258-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 21 00:10:23 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	114413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76932	48.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.220%
35) Dibromofluoromethane	5.397	113	64381	49.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.653	98	237481	50.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	87900	50.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.480%

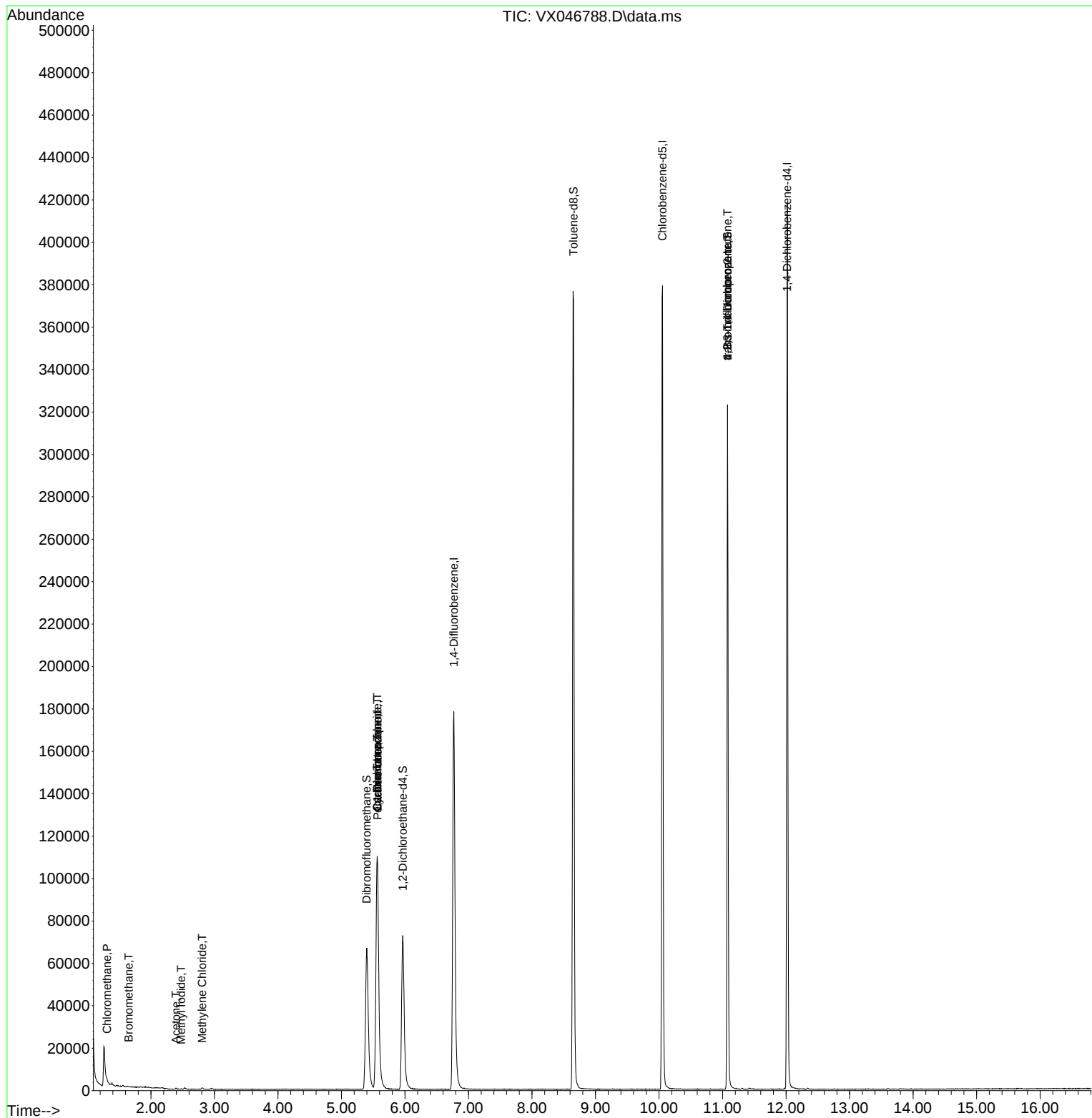
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	731	0.554	ug/l	97
5) Bromomethane	1.648	94	182	0.230	ug/l	# 72
10) Methyl Iodide	2.477	142	338	4.522	ug/l	# 62
16) Acetone	2.392	43	629	1.192	ug/l	# 44
20) Methylene Chloride	2.806	84	356	0.243	ug/l	# 86
31) Cyclohexane	5.562	56	2291	0.967	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	9323	4.943	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	11656	5.695	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	44146	27.846	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44146	78.709	ug/l	# 7

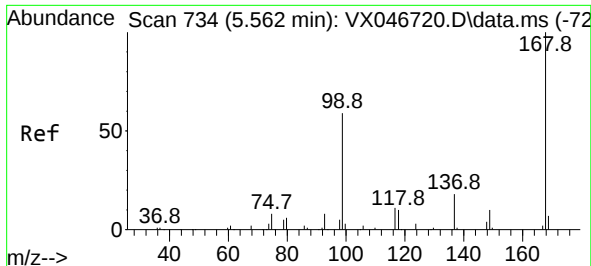
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046788.D
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MSVOA_X
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STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 21 00:10:23 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

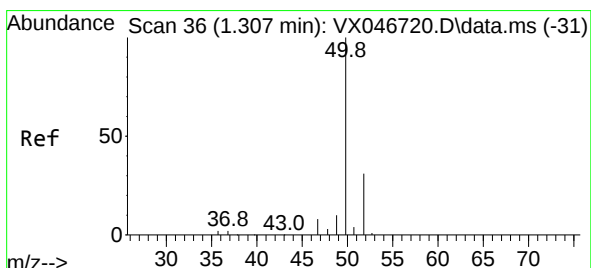
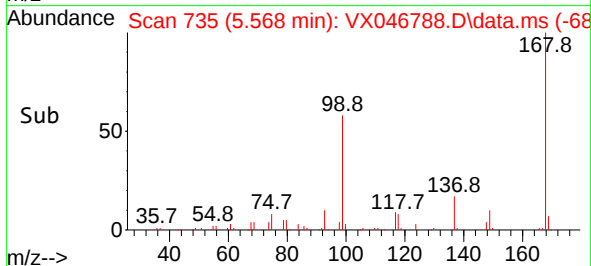
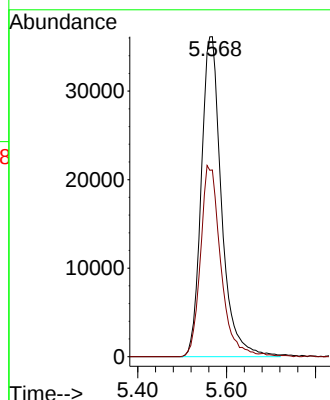
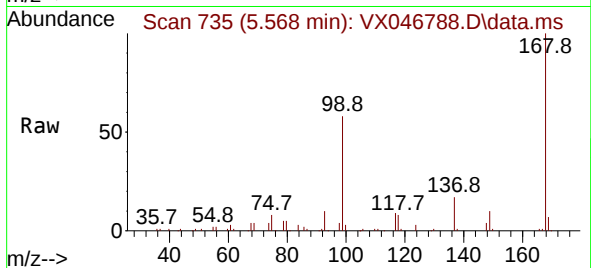




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

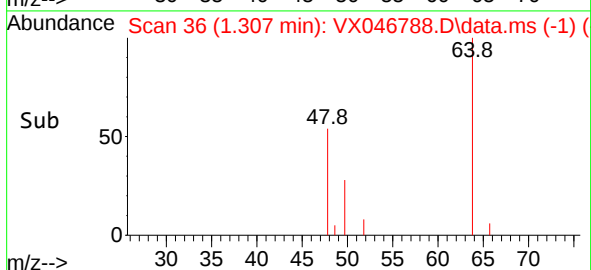
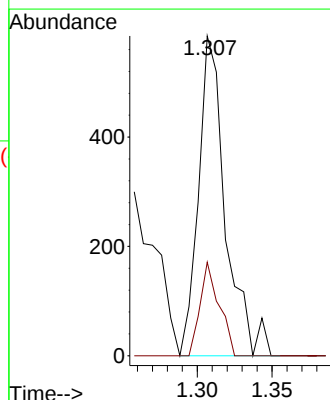
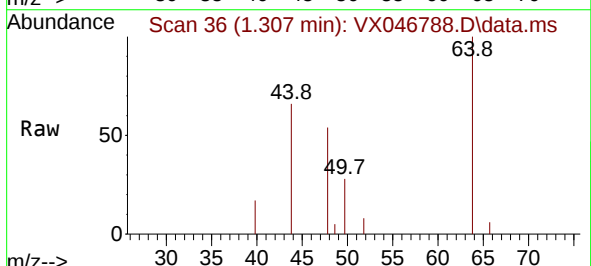
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

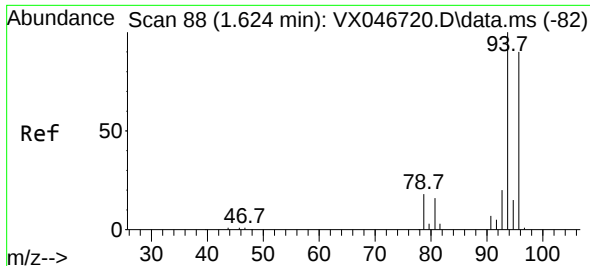
Tgt Ion:168 Resp: 114413
Ion Ratio Lower Upper
168 100
99 58.4 48.5 72.7



#3
Chloromethane
Concen: 0.554 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 29.2 24.9 37.3

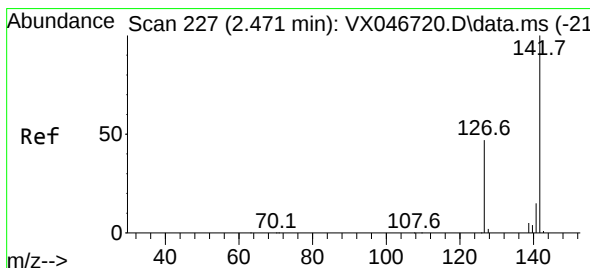
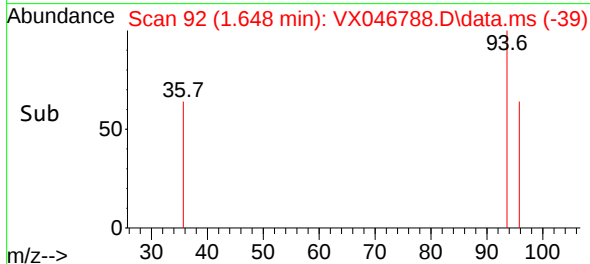
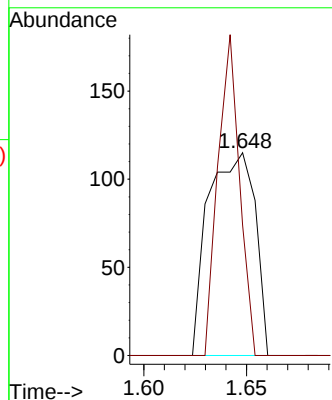
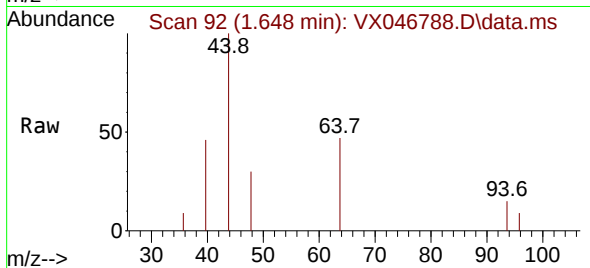




#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.648 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

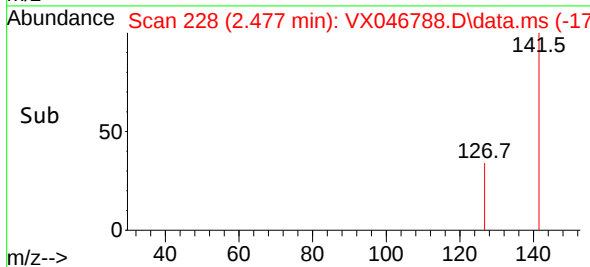
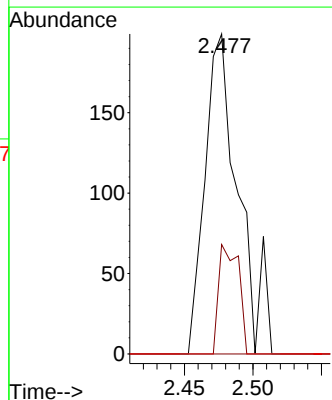
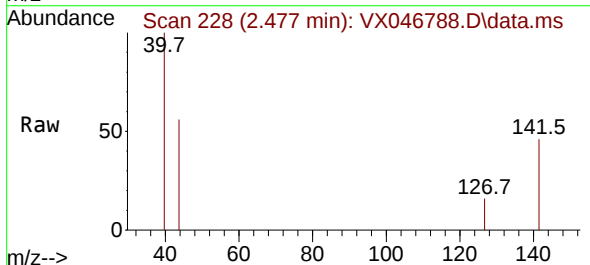
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

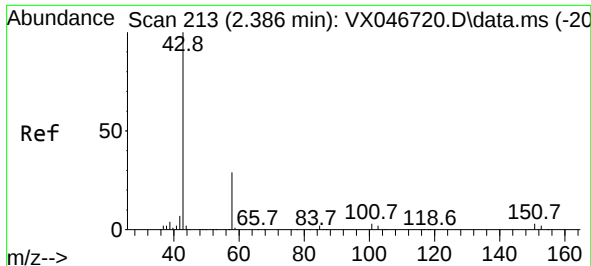
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 64.3 72.3 108.5#



#10
Methyl Iodide
Concen: 4.522 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion:142 Resp: 338
Ion Ratio Lower Upper
142 100
127 20.1 37.0 55.6#
141 0.0 11.5 17.3#

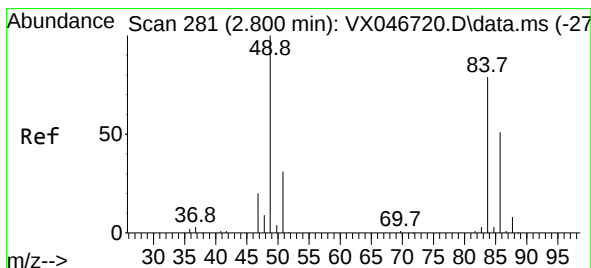
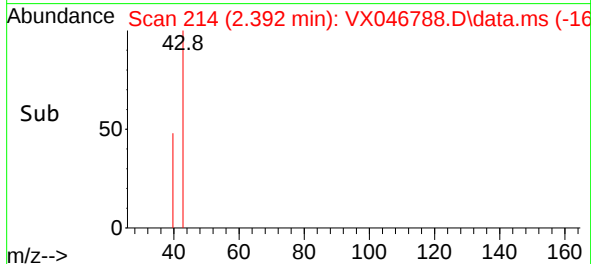
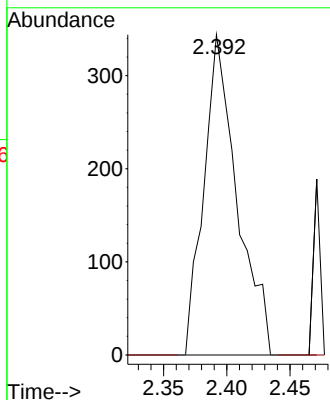
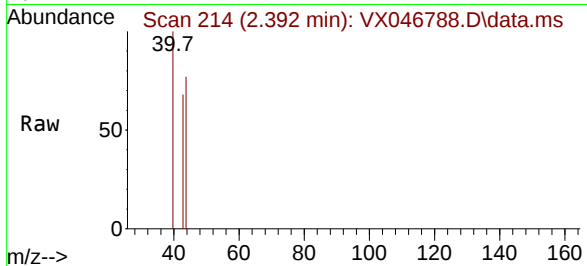




#16
Acetone
Concen: 1.192 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

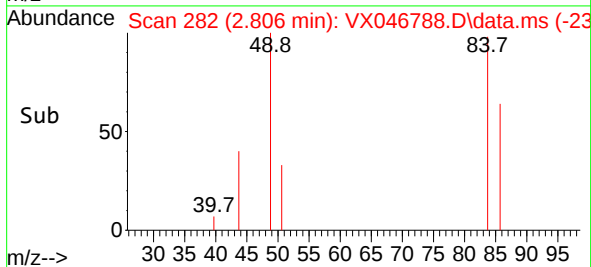
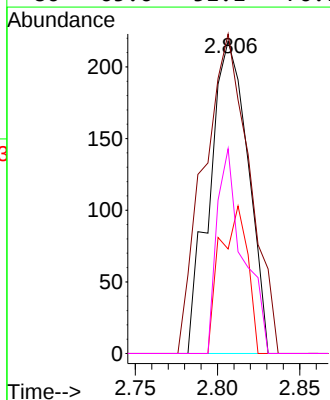
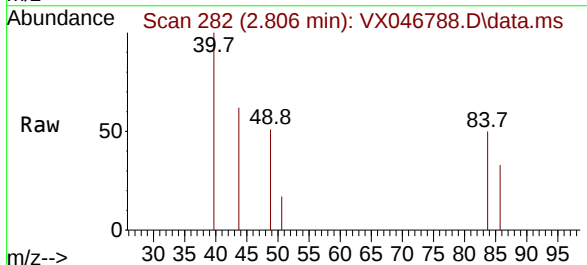
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

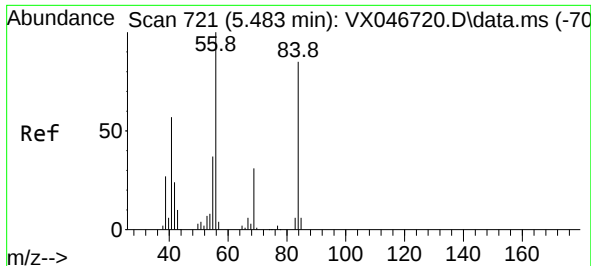
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

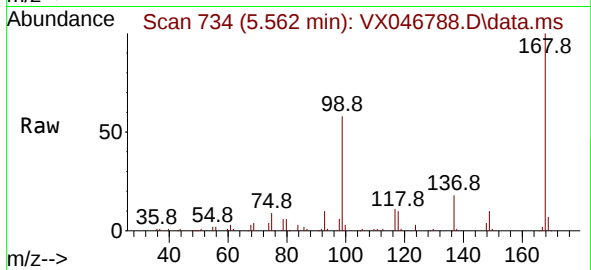
Tgt Ion: 84 Resp: 356
Ion Ratio Lower Upper
84 100
49 102.3 101.3 151.9
51 33.5 31.0 46.6
86 65.6 51.1 76.7



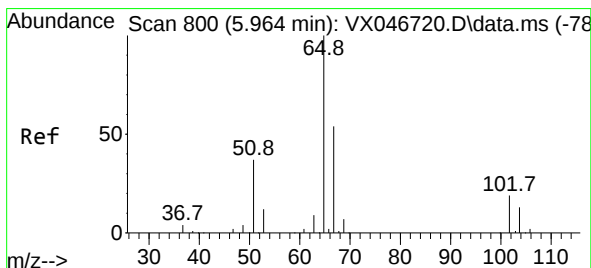
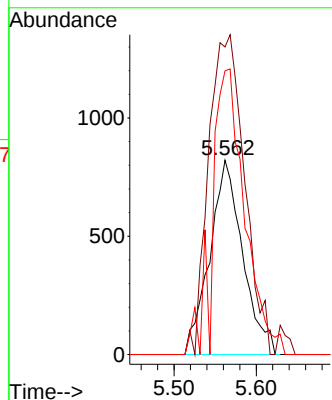
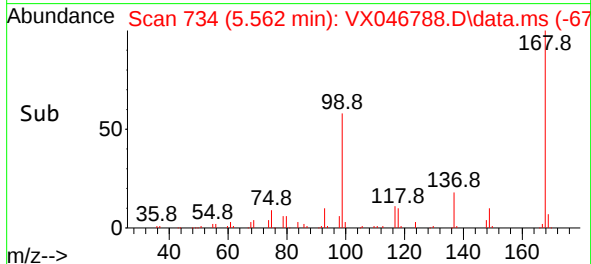


#31
Cyclohexane
Concen: 0.967 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

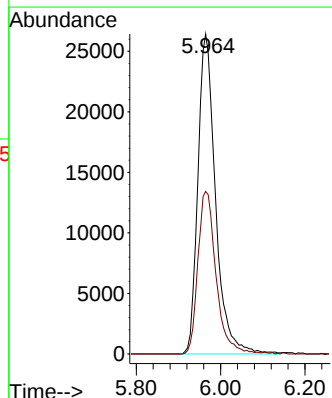
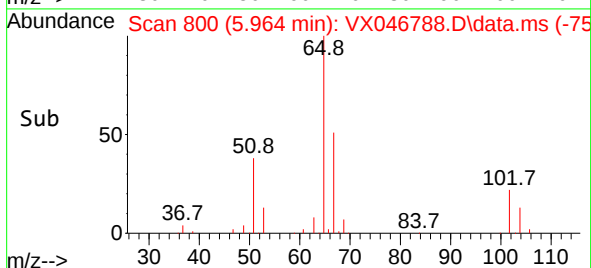
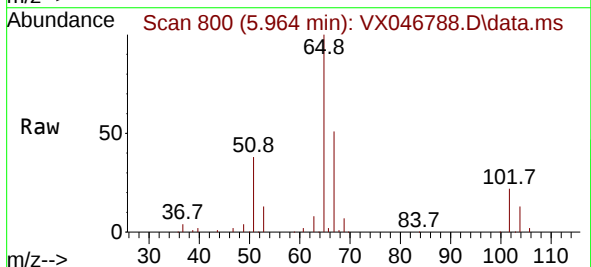


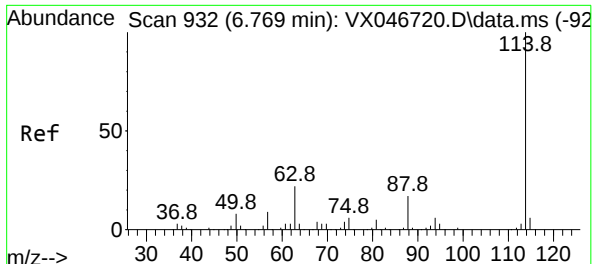
Tgt Ion: 56 Resp: 2291
Ion Ratio Lower Upper
56 100
69 158.3 24.8 37.2#
84 146.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.613 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 65 Resp: 76932
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

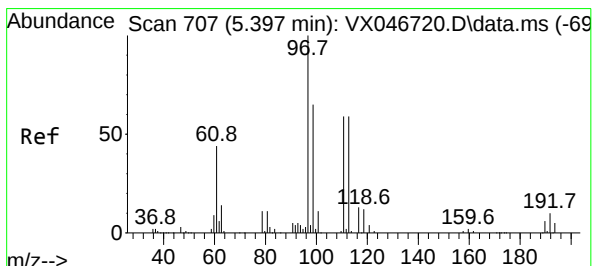
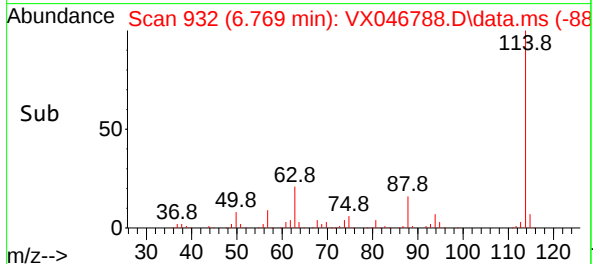
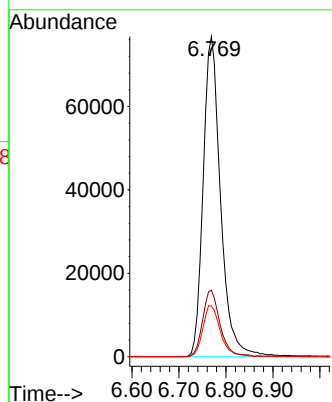
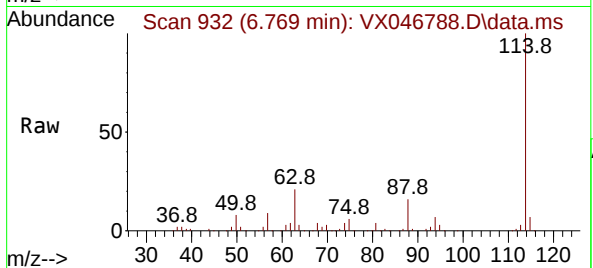




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

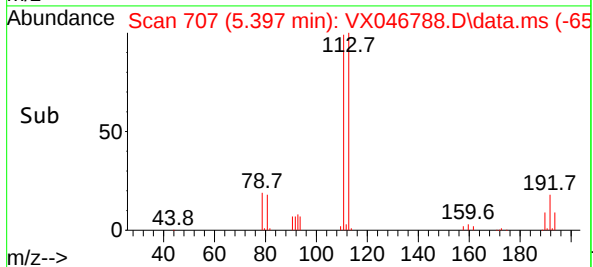
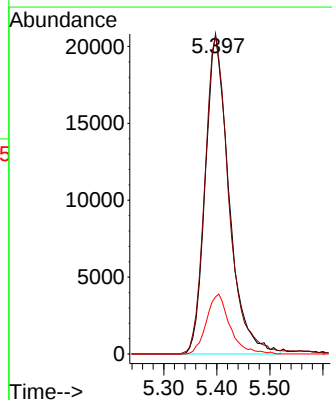
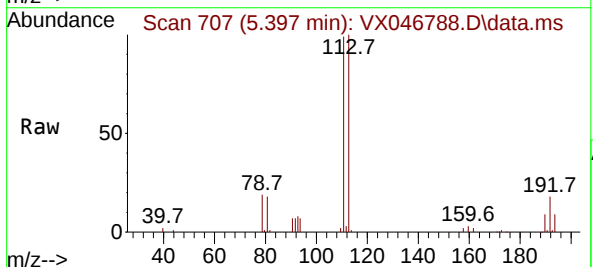
Instrument :
MSVOA_X
ClientSampleId :
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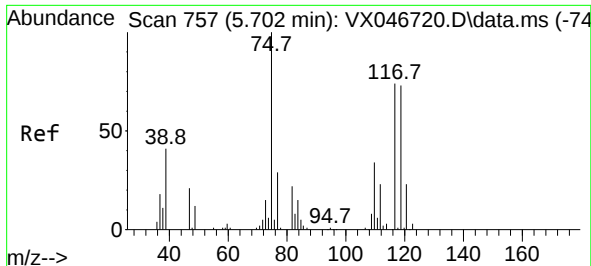
Tgt Ion:114 Resp: 197462
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion:113 Resp: 64381
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 18.6 15.3 22.9

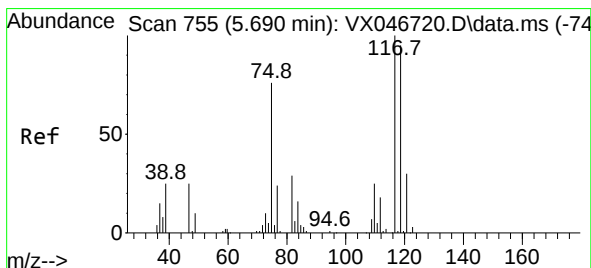
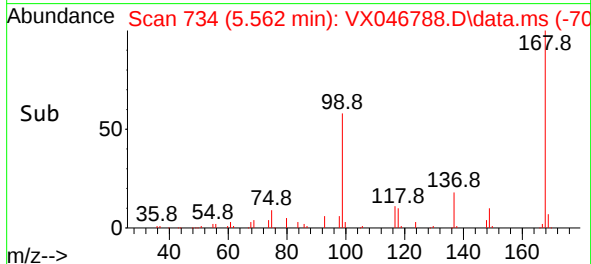
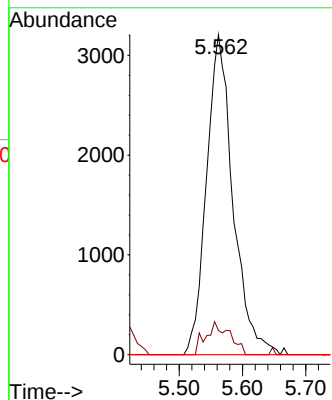
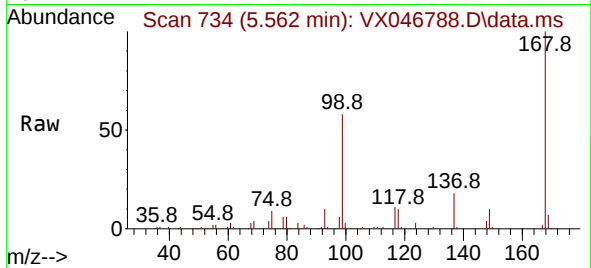




#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

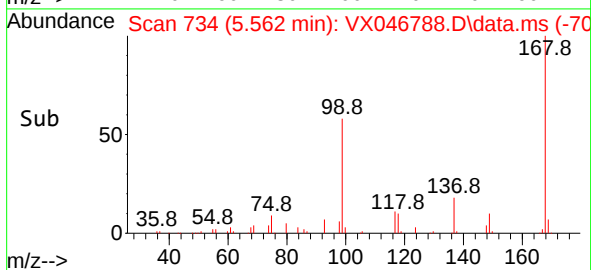
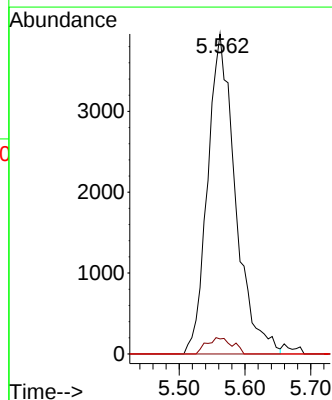
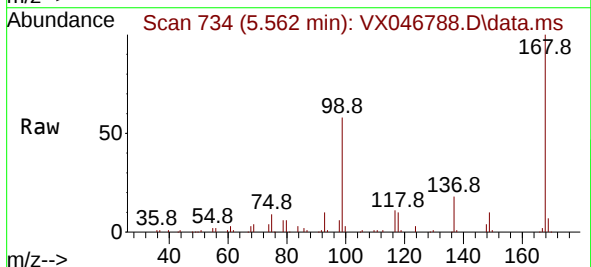
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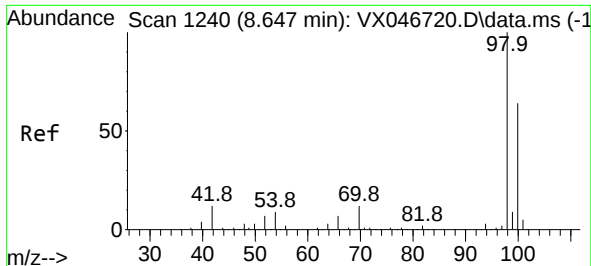
Tgt Ion: 75 Resp: 9323
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 117 Resp: 11656
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#

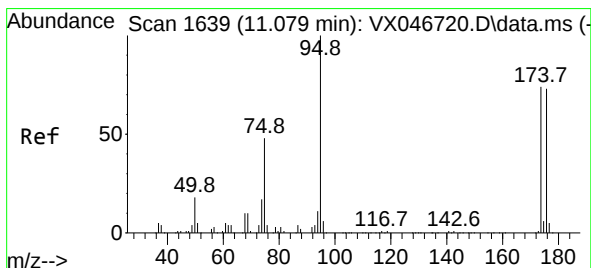
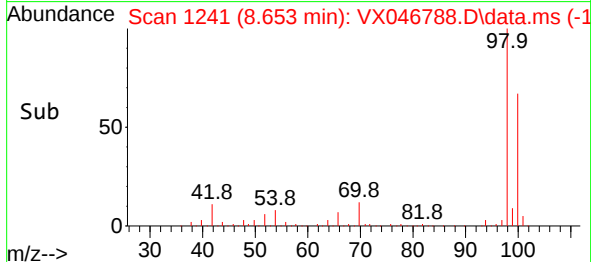
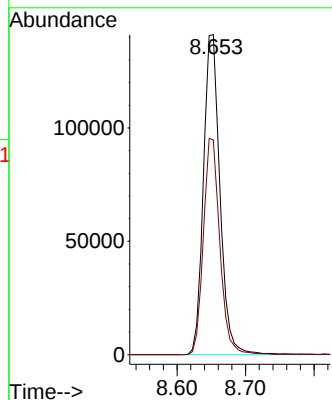
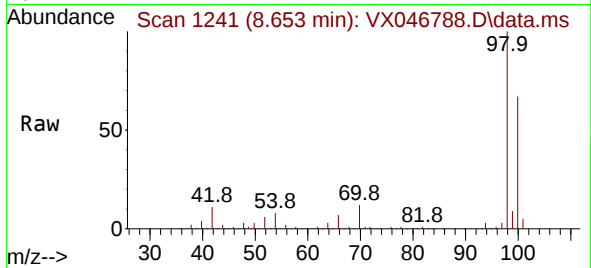




#50
Toluene-d8
Concen: 50.594 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

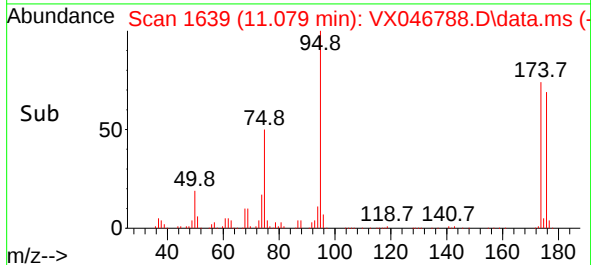
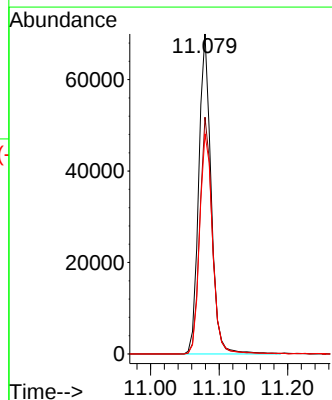
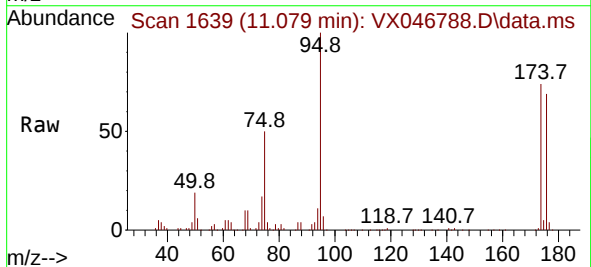
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

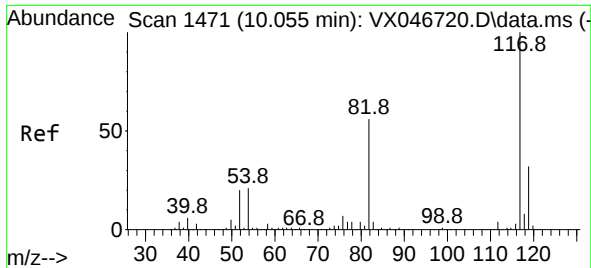
Tgt Ion: 98 Resp: 237481
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 95 Resp: 87900
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.4
176 72.2 0.0 145.0

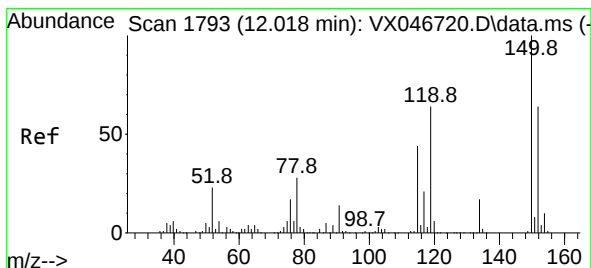
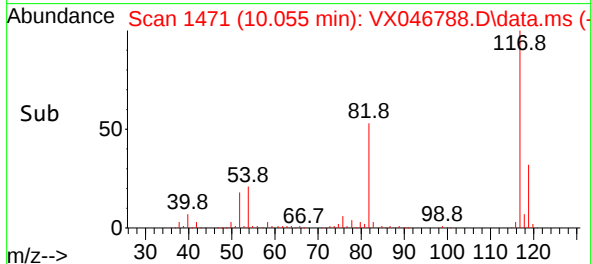
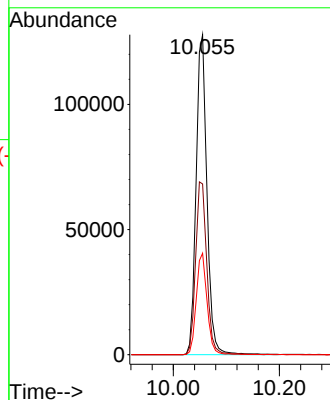
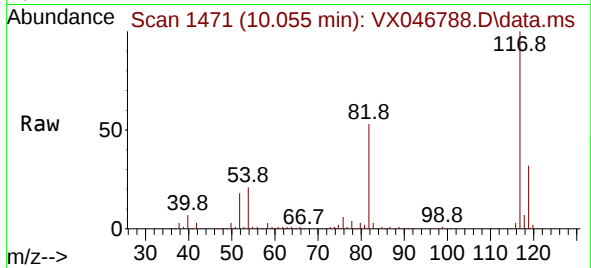




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

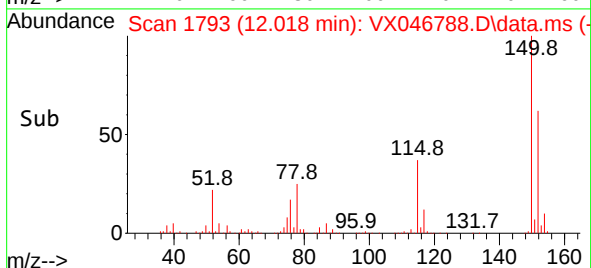
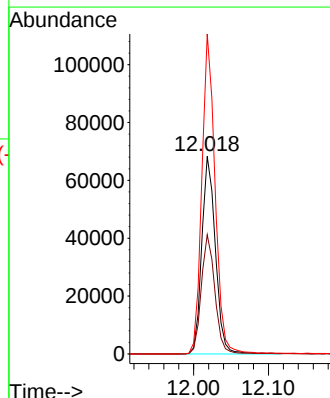
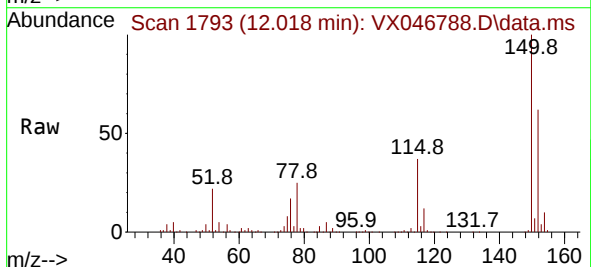
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

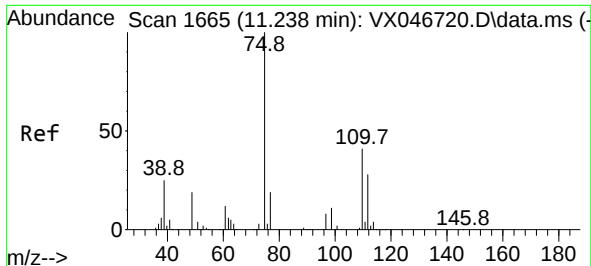
Tgt Ion:117 Resp: 180975
Ion Ratio Lower Upper
117 100
82 53.3 44.6 66.8
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion:152 Resp: 86560
Ion Ratio Lower Upper
152 100
115 60.5 43.2 129.6
150 158.0 0.0 346.8

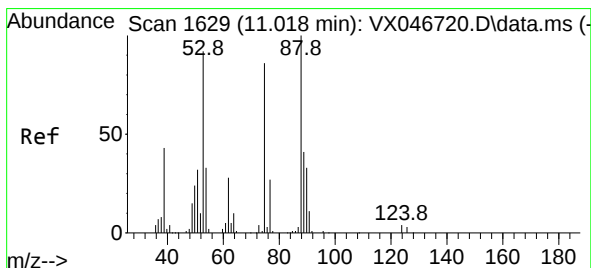
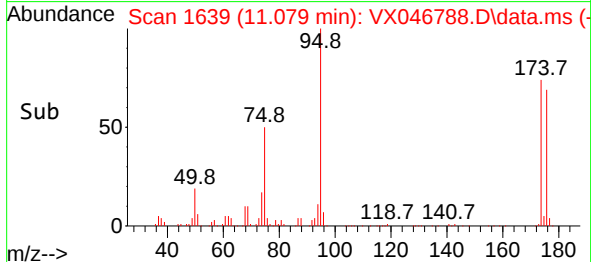
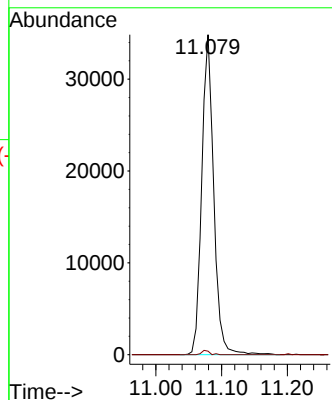
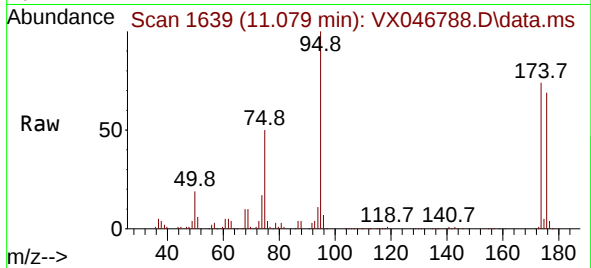




#76
1,2,3-Trichloropropane
Concen: 27.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 44146
Ion Ratio Lower Upper
75 100
77 0.9 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 75 Resp: 44146
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

