

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046795.D
 Acq On : 20 Jun 2025 19:44
 Operator : JC/MD
 Sample : Q2318-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 21 00:14:11 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)

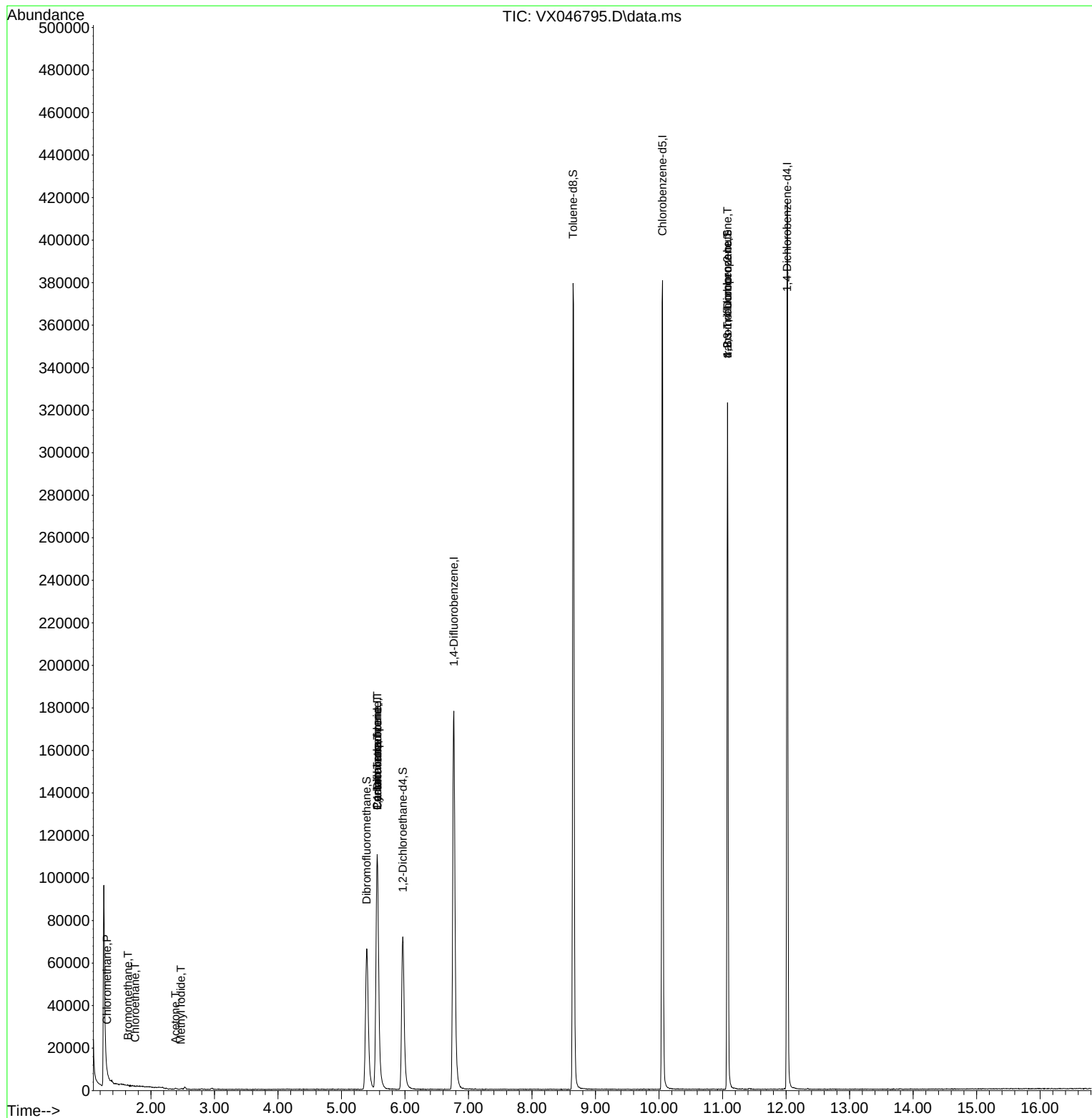
Internal Standards						
1) Pentafluorobenzene	5.562	168	113821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76606	48.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.320%
35) Dibromofluoromethane	5.397	113	63721	48.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	236474	50.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	86944	49.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	623	0.475	ug/l #	82
5) Bromomethane	1.636	94	160	0.203	ug/l #	4
6) Chloroethane	1.752	64	507	0.598	ug/l #	41
10) Methyl Iodide	2.471	142	320	4.513	ug/l #	83
16) Acetone	2.386	43	637	1.213	ug/l #	65
31) Cyclohexane	5.562	56	2401	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9102	4.822	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11696	5.709	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	44550	28.127	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44550	79.504	ug/l #	7

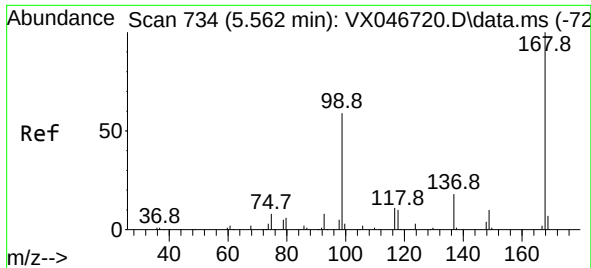
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046795.D
Acq On : 20 Jun 2025 19:44
Operator : JC/MD
Sample : Q2318-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 21 00:14:11 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

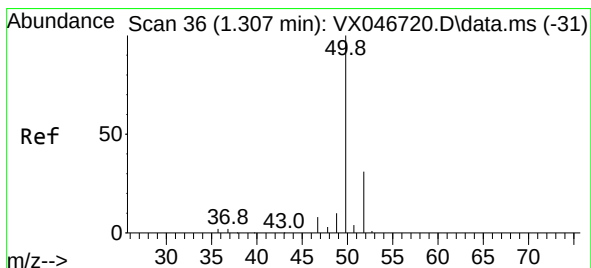
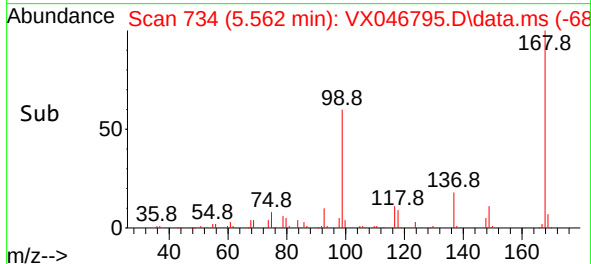
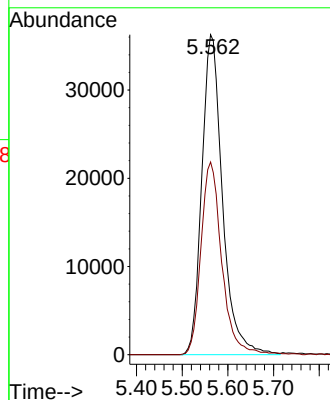
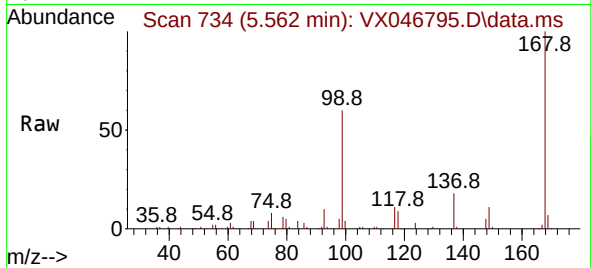




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

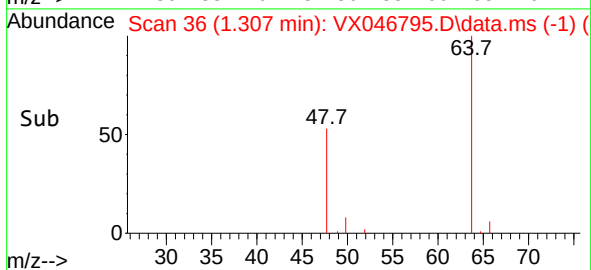
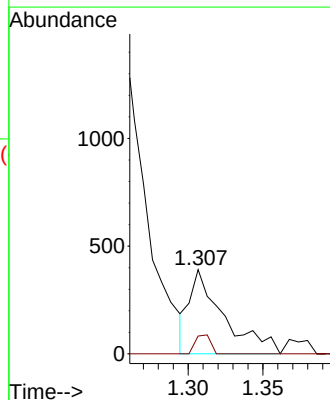
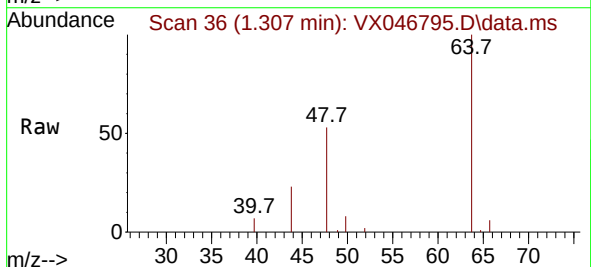
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

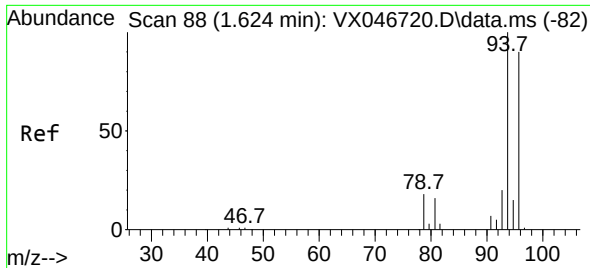
Tgt Ion:168 Resp: 113821
Ion Ratio Lower Upper
168 100
99 60.2 48.5 72.7



#3
Chloromethane
Concen: 0.475 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 21.2 24.9 37.3#

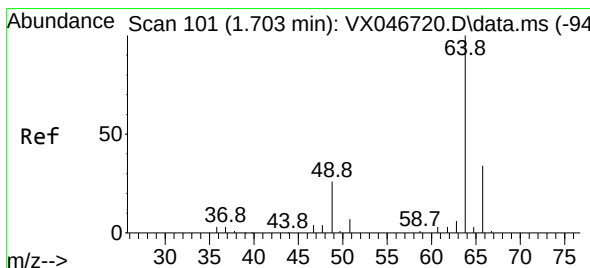
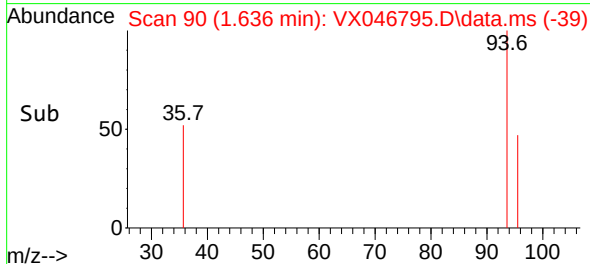
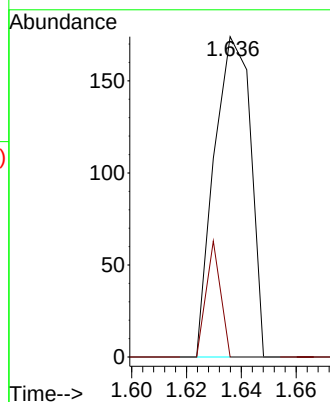
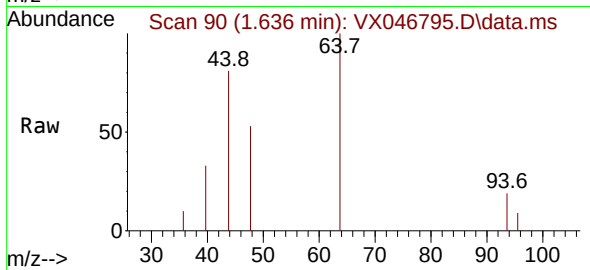




#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

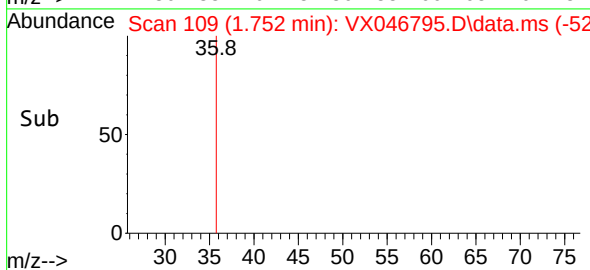
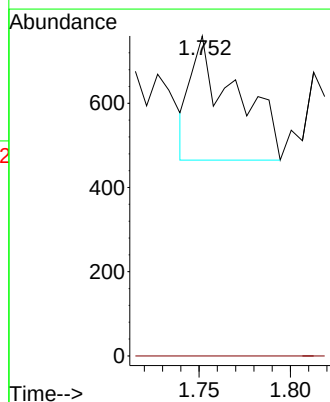
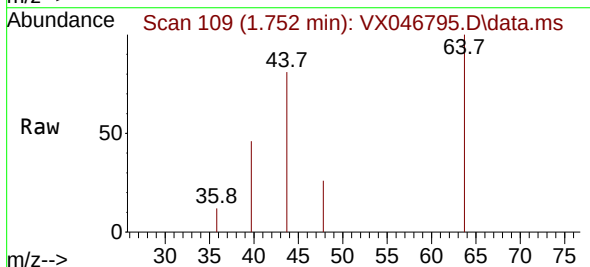
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

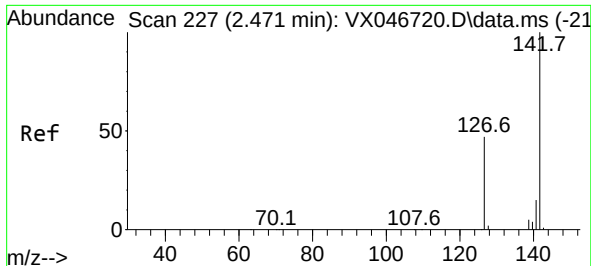
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 0.0 72.3 108.5#



#6
Chloroethane
Concen: 0.598 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.049 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 64 Resp: 507
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#

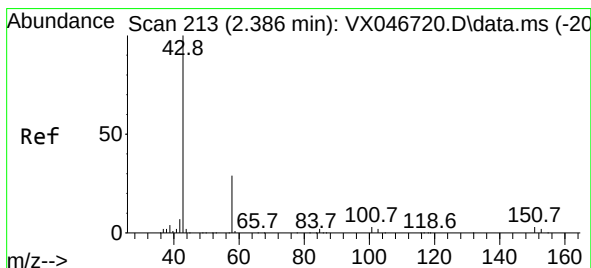
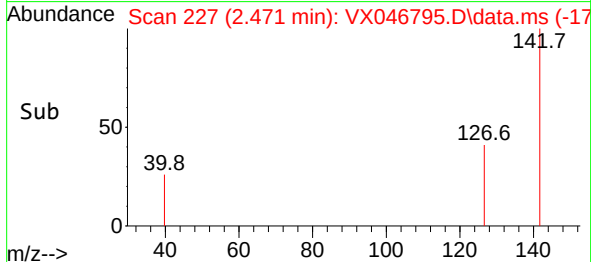
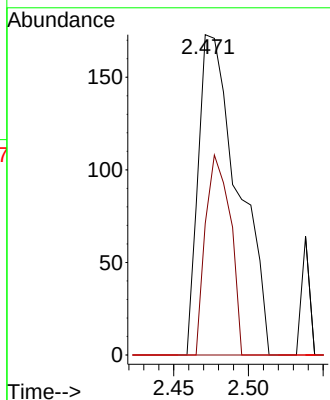
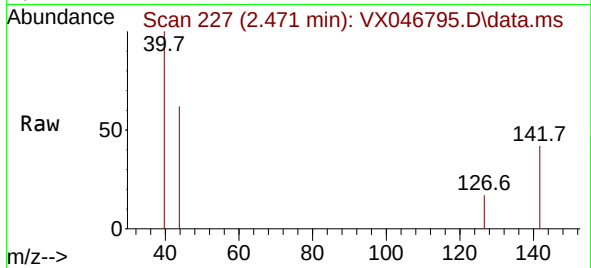




#10
Methyl Iodide
Concen: 4.513 ug/l
RT: 2.471 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

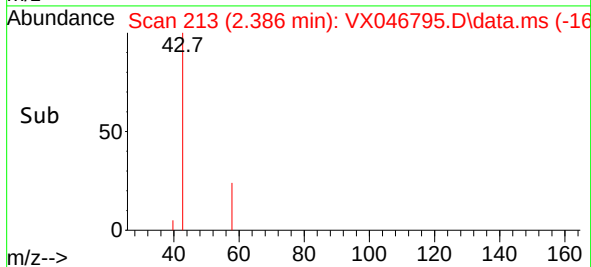
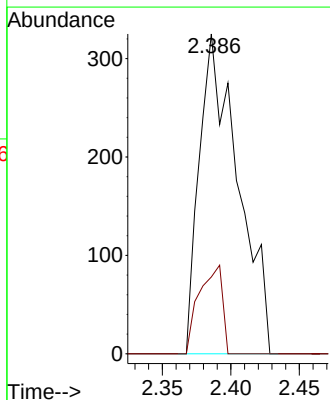
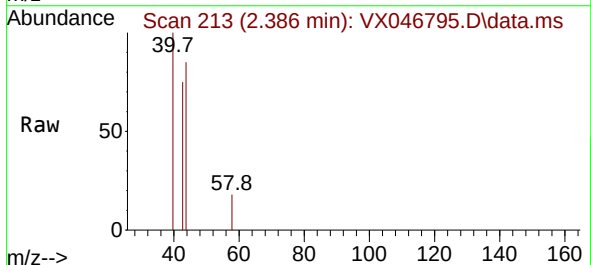
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

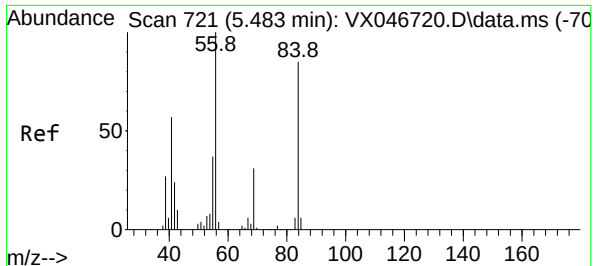
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
127 39.1 37.0 55.6
141 0.0 11.5 17.3#



#16
Acetone
Concen: 1.213 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 11.3 24.5 36.7#

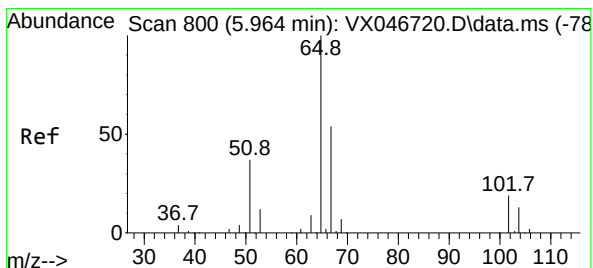
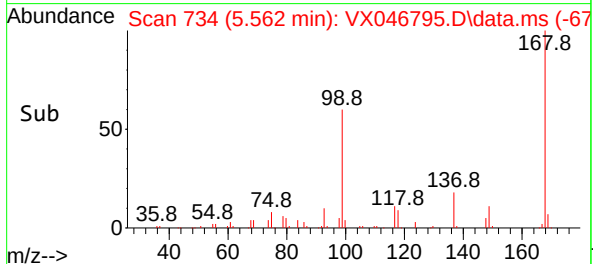
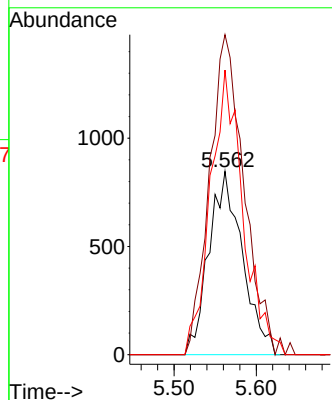
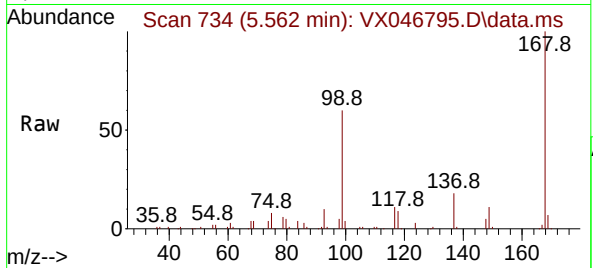




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

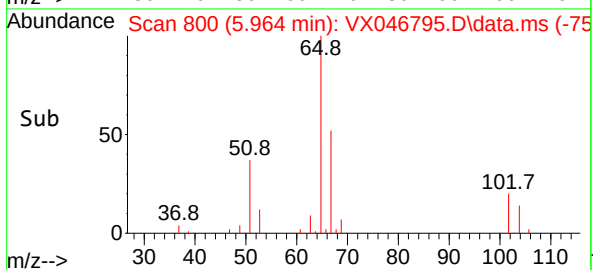
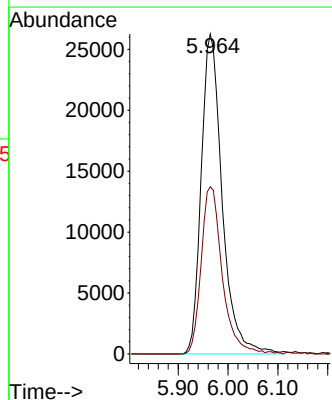
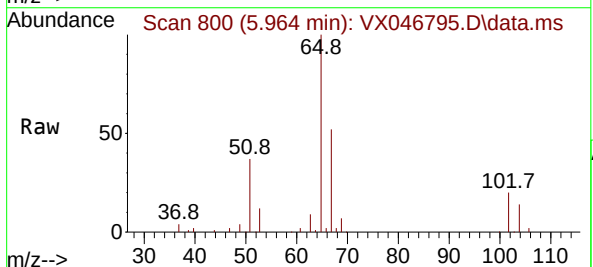
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

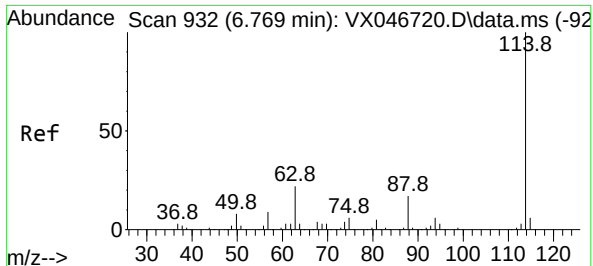
Tgt Ion: 56 Resp: 2401
Ion Ratio Lower Upper
56 100
69 174.5 24.8 37.2#
84 155.3 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 65 Resp: 76606
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

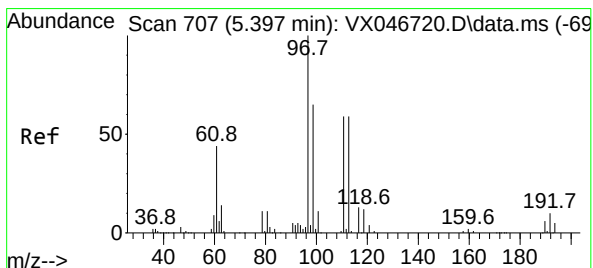
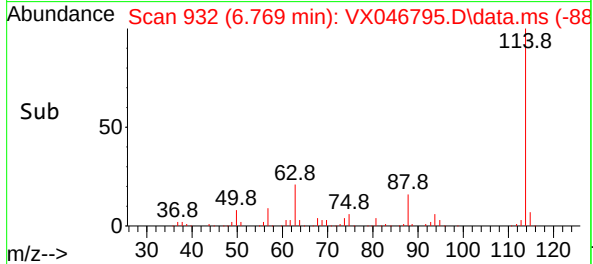
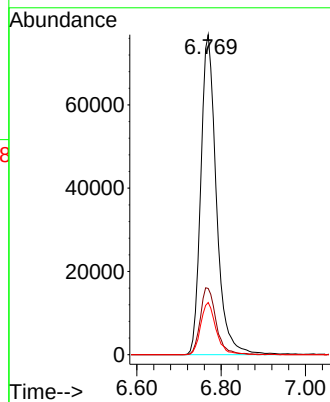
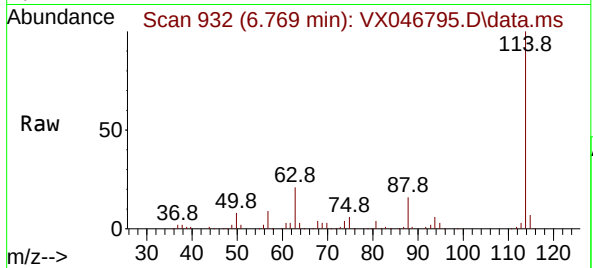




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

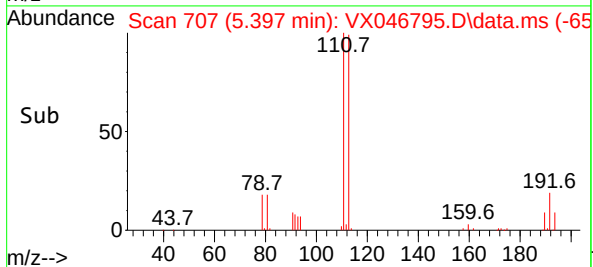
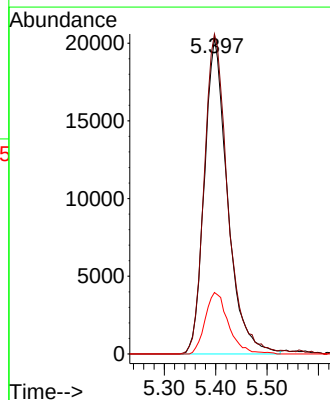
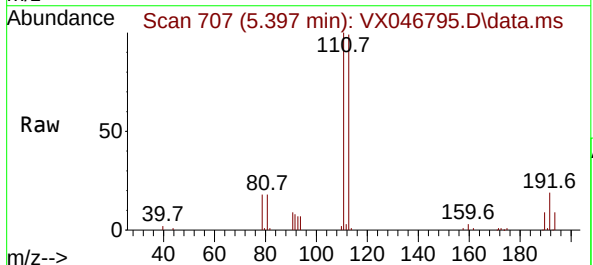
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

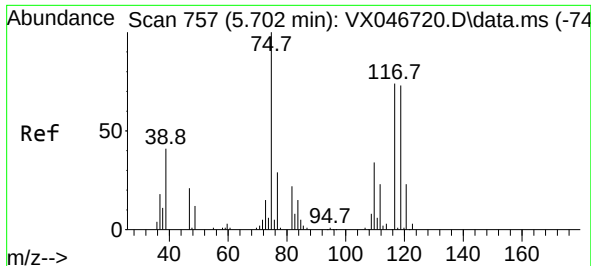
Tgt Ion:114 Resp: 197646
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.728 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion:113 Resp: 63721
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.6 15.3 22.9

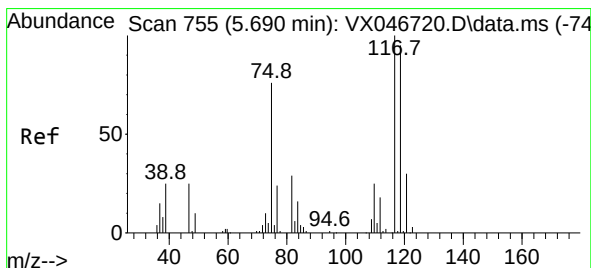
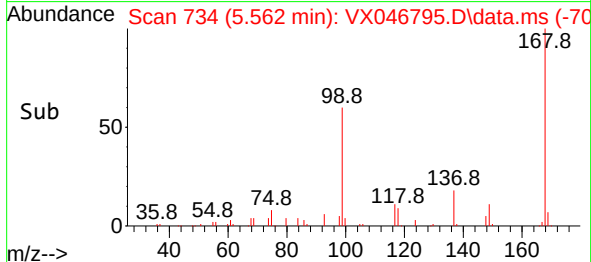
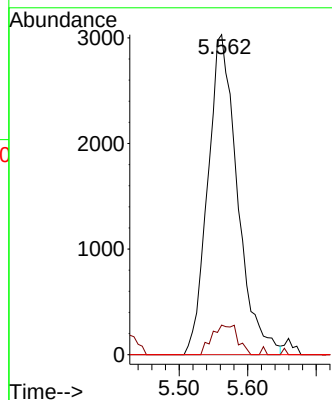
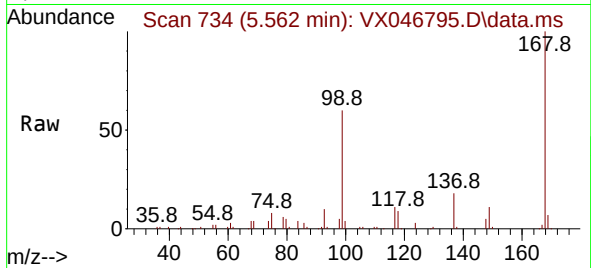




#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

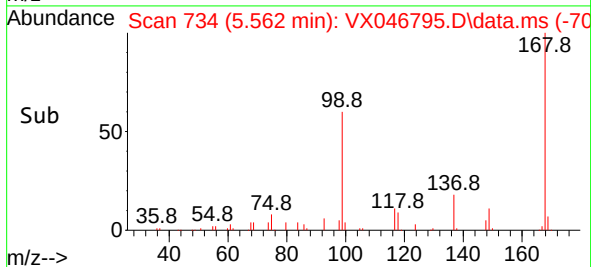
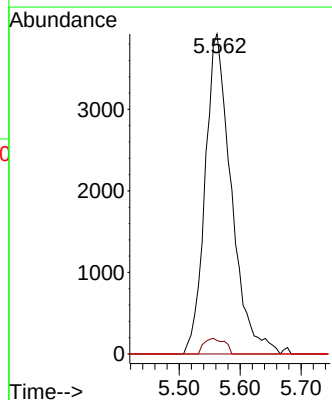
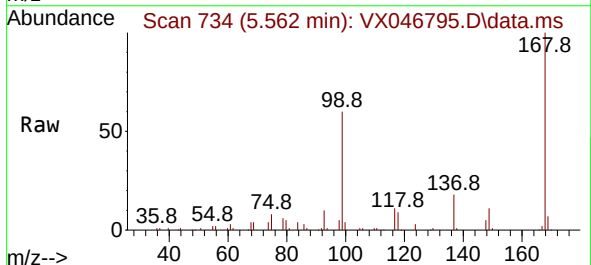
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

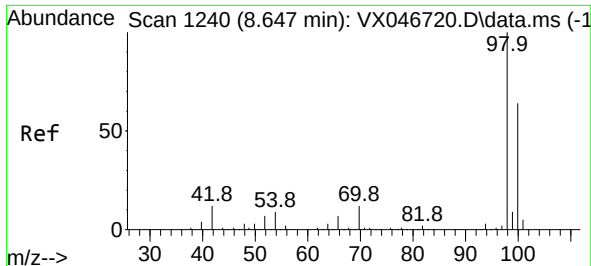
Tgt Ion: 75 Resp: 9102
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 117 Resp: 11696
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.1 36.1#

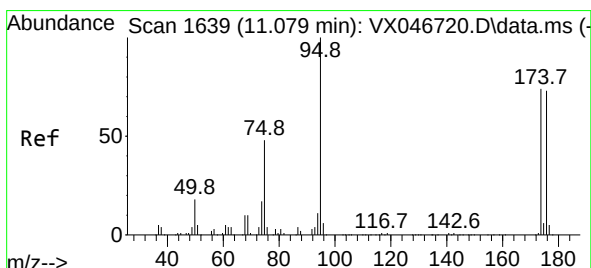
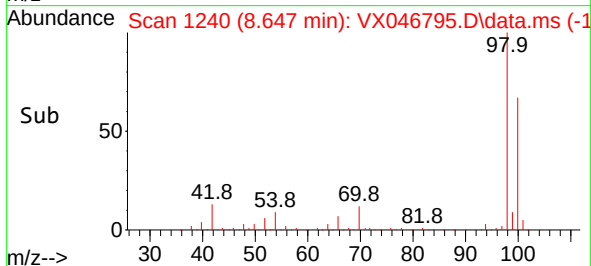
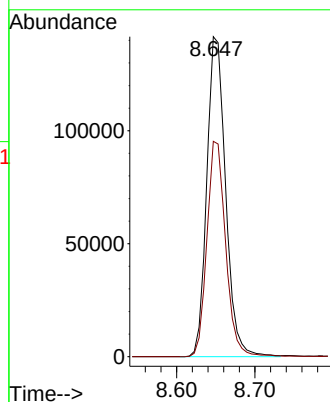
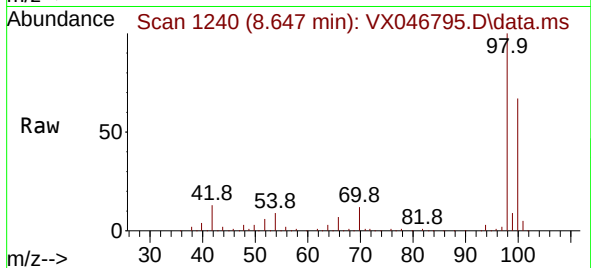




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

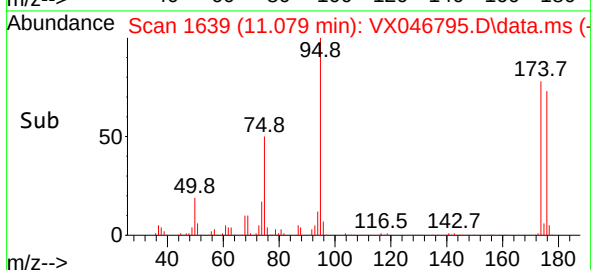
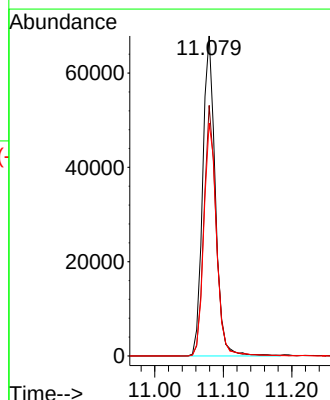
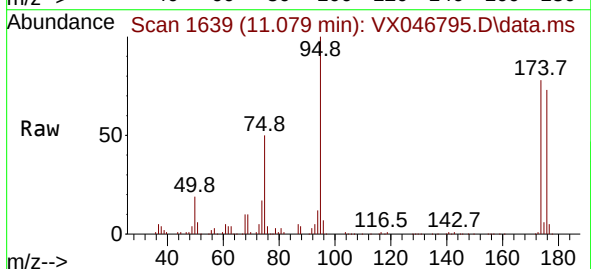
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

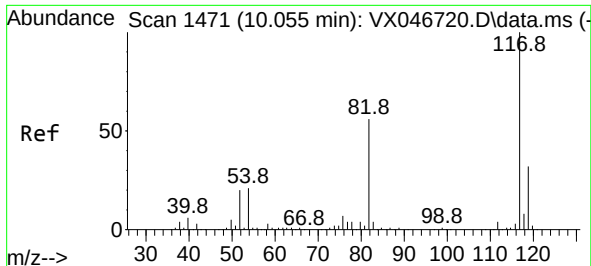
Tgt Ion: 98 Resp: 236474
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 95 Resp: 86944
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.8 0.0 145.0

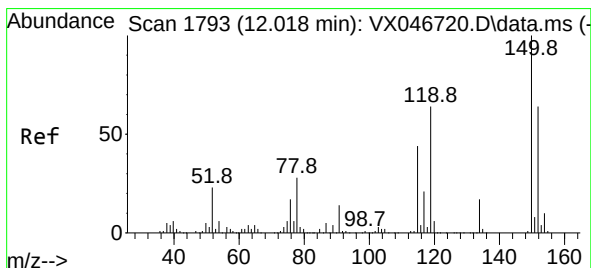
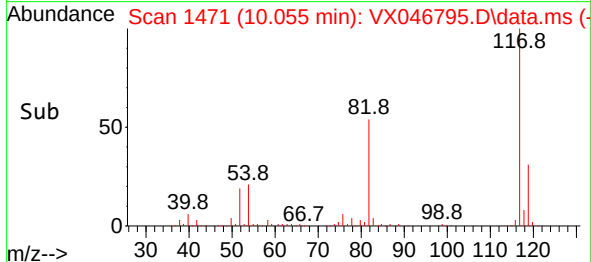
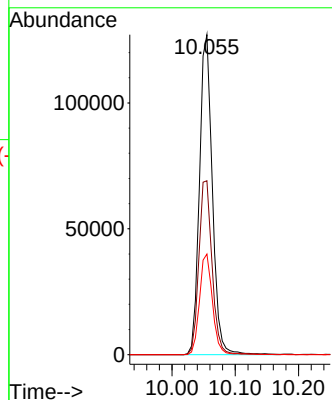
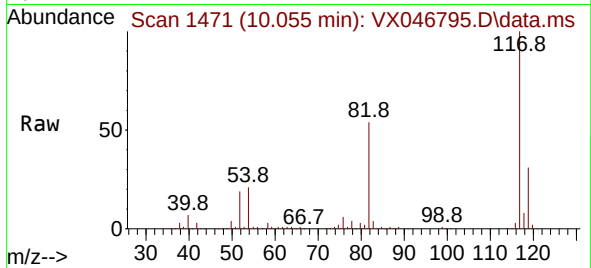




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

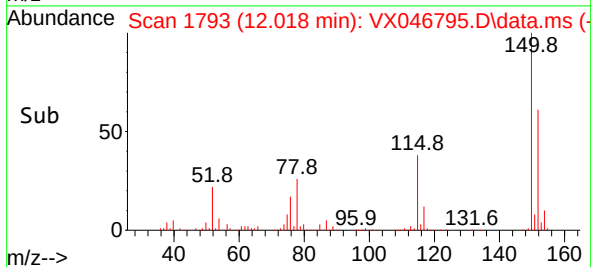
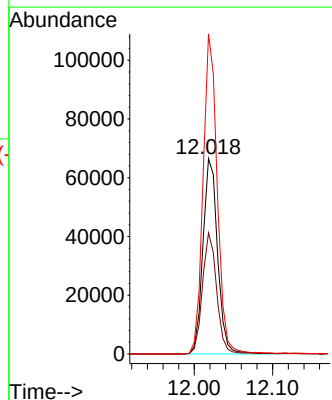
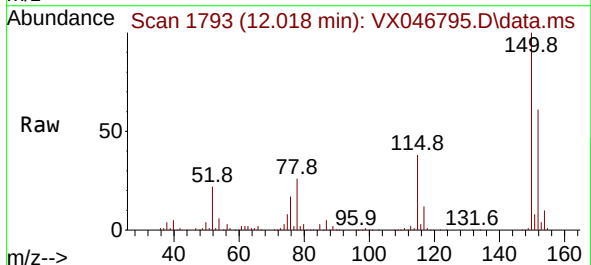
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

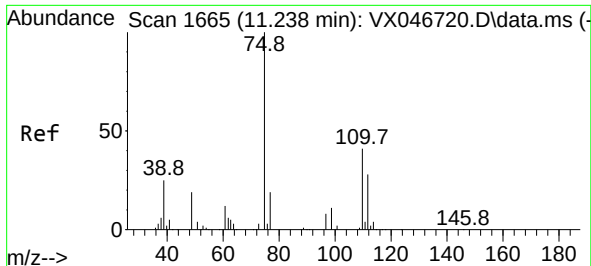
Tgt Ion:117 Resp: 180335
Ion Ratio Lower Upper
117 100
82 54.3 44.6 66.8
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion:152 Resp: 86478
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 157.8 0.0 346.8

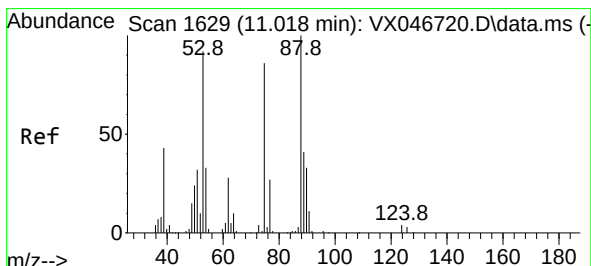
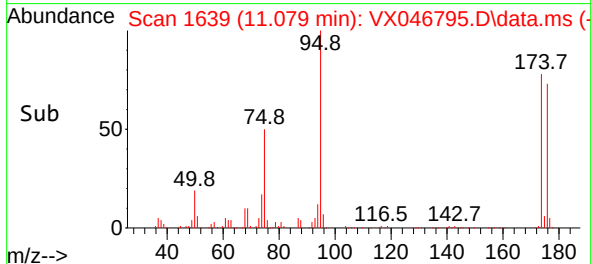
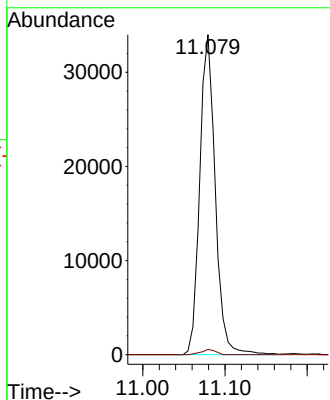
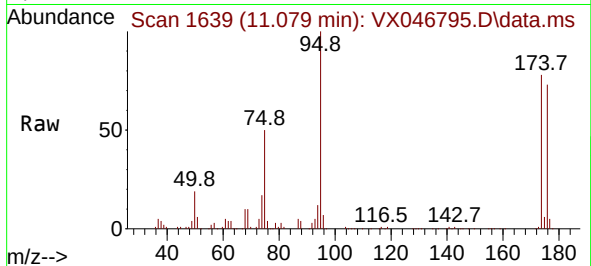




#76
1,2,3-Trichloropropane
Concen: 28.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 44550
Ion Ratio Lower Upper
75 100
77 1.5 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046795.D
Acq: 20 Jun 2025 19:44

Tgt Ion: 75 Resp: 44550
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

