

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046794.D
 Acq On : 20 Jun 2025 19:23
 Operator : JC/MD
 Sample : Q2318-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 21 00:13:49 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)

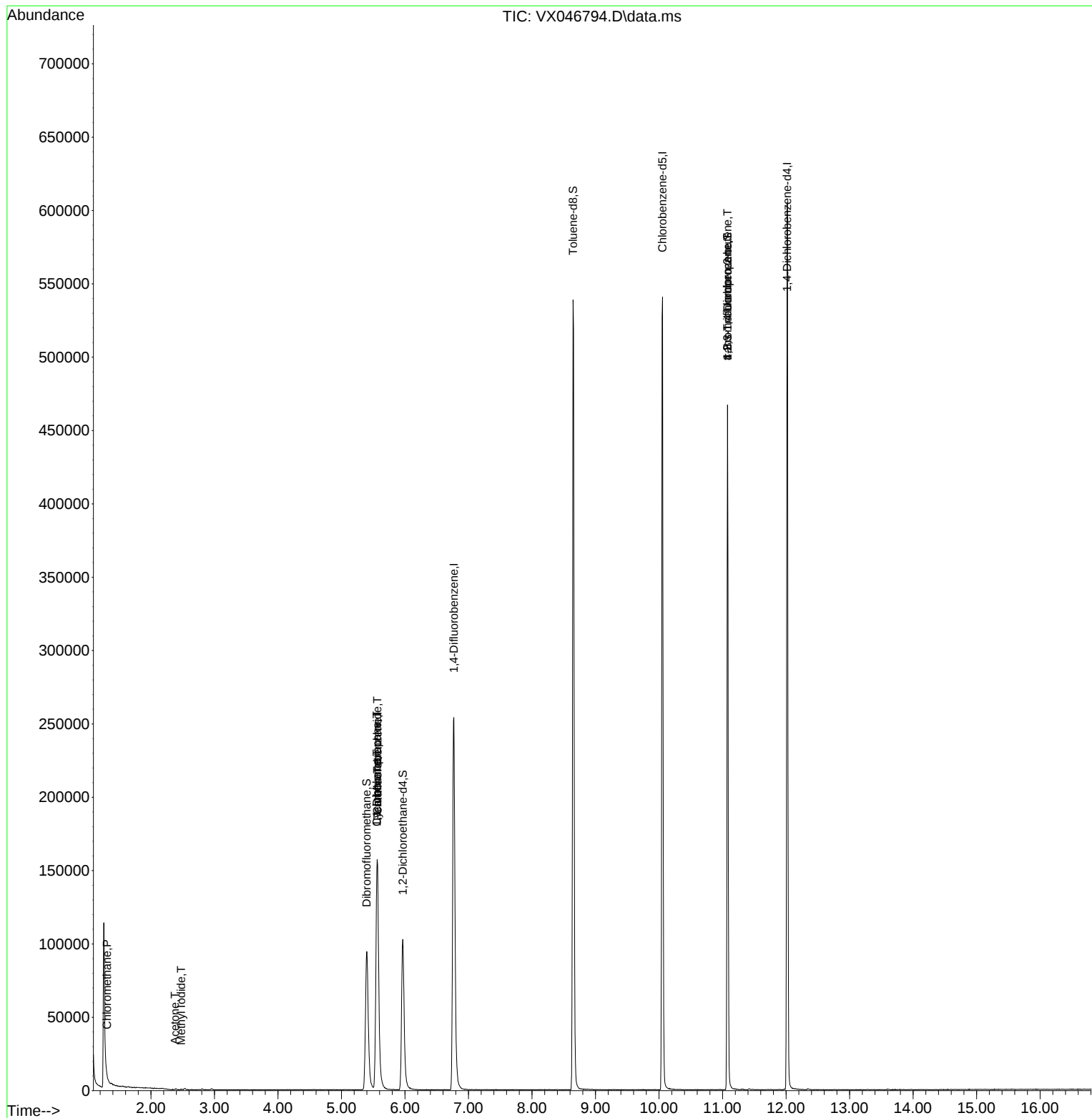
Internal Standards						
1) Pentafluorobenzene	5.568	168	165077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	126699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108713	47.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.220%
35) Dibromofluoromethane	5.397	113	90515	48.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	8.647	98	336667	50.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	124166	49.732	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	770	0.405	ug/l	93
10) Methyl Iodide	2.477	142	380	4.480	ug/l #	80
16) Acetone	2.380	43	681	0.894	ug/l #	44
31) Cyclohexane	5.556	56	3303	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12852	4.776	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16671	5.708	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	63015	27.156	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	63015	76.757	ug/l #	7

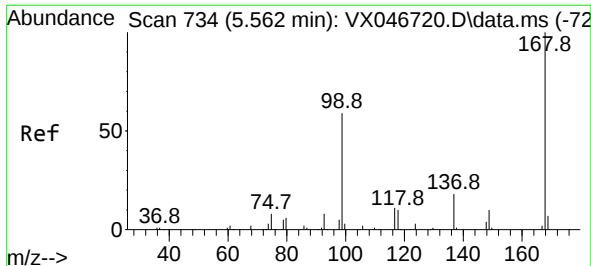
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046794.D
Acq On : 20 Jun 2025 19:23
Operator : JC/MD
Sample : Q2318-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 21 00:13:49 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

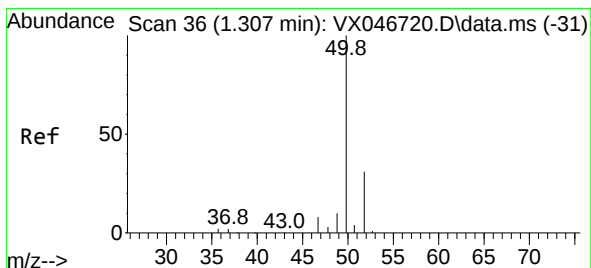
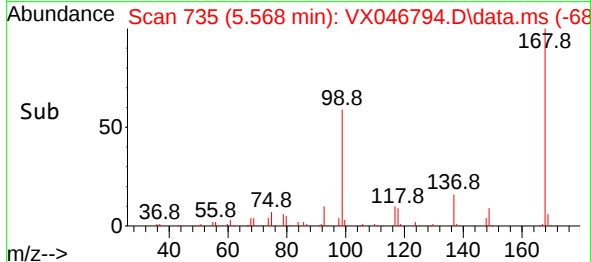
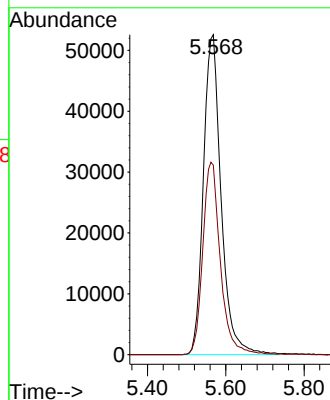
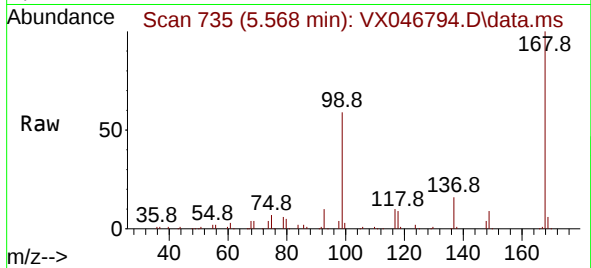




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

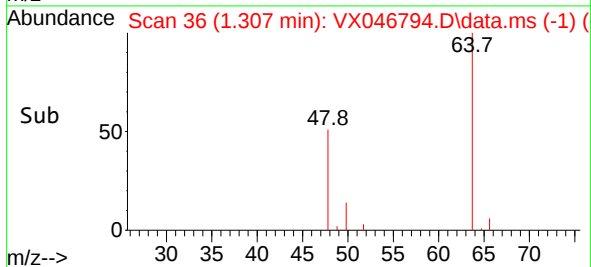
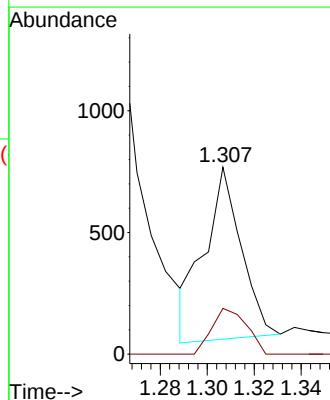
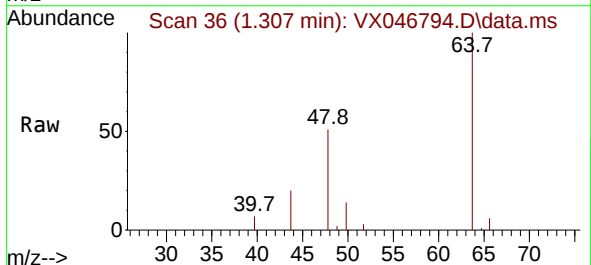
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

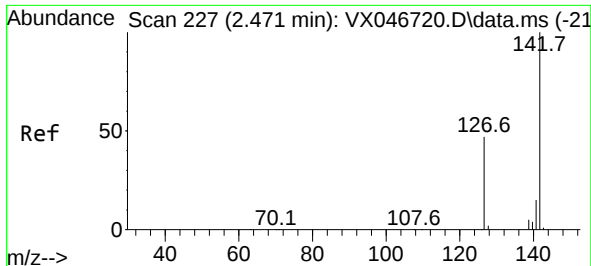
Tgt Ion:168 Resp: 165077
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#3
Chloromethane
Concen: 0.405 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion: 50 Resp: 770
Ion Ratio Lower Upper
50 100
52 27.4 24.9 37.3

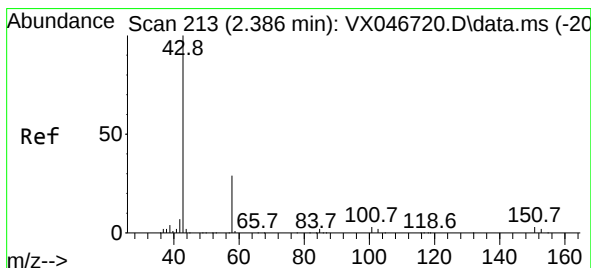
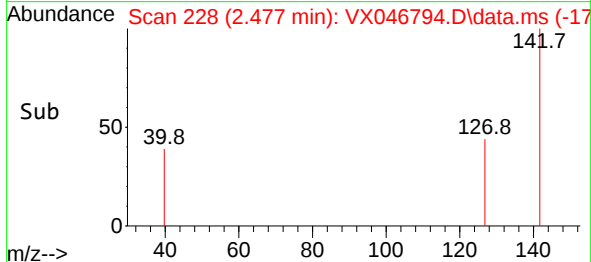
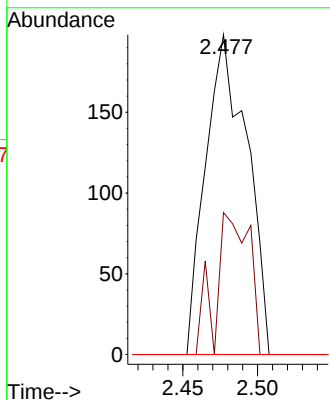
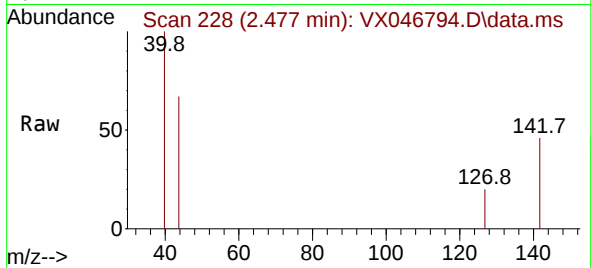




#10
Methyl Iodide
Concen: 4.480 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

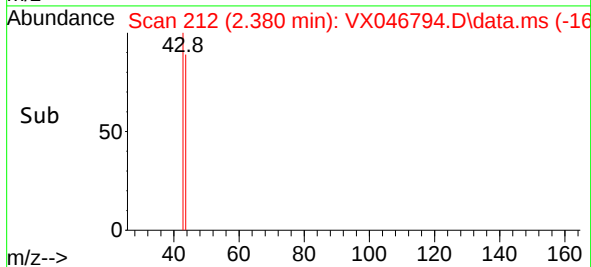
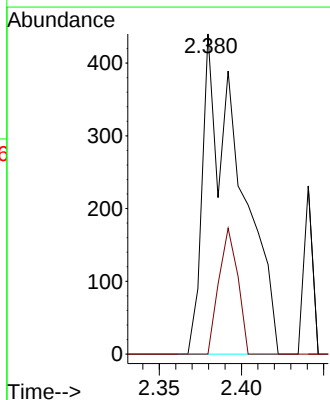
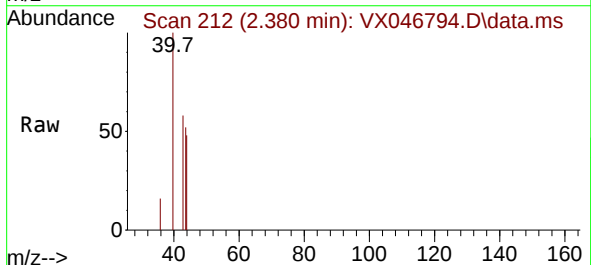
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

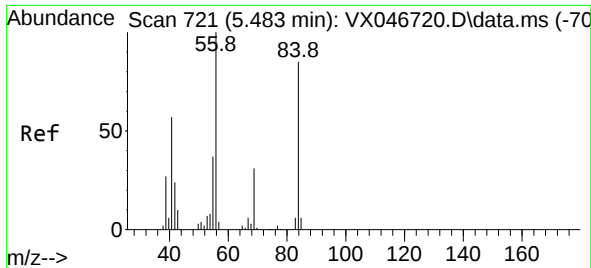
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 36.3 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.894 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

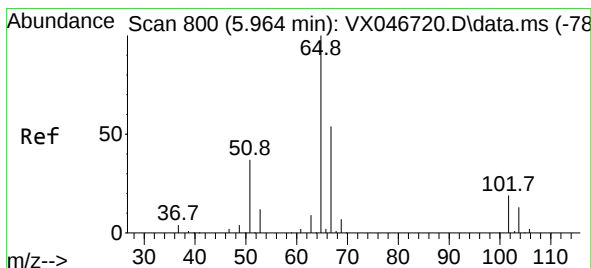
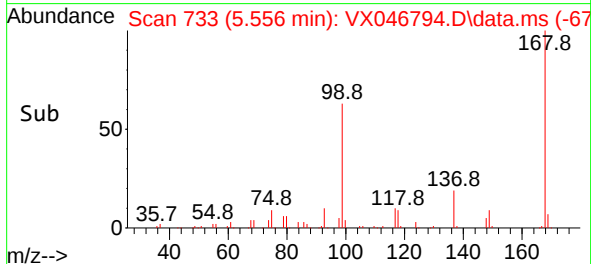
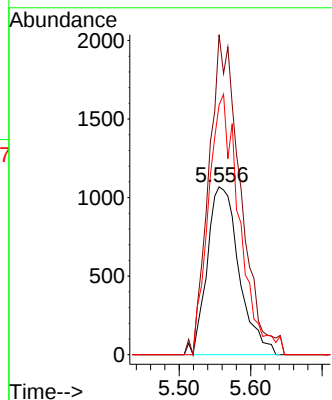
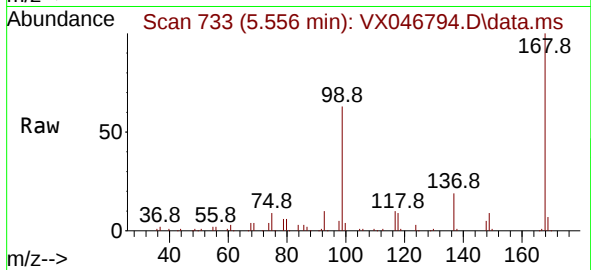




#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

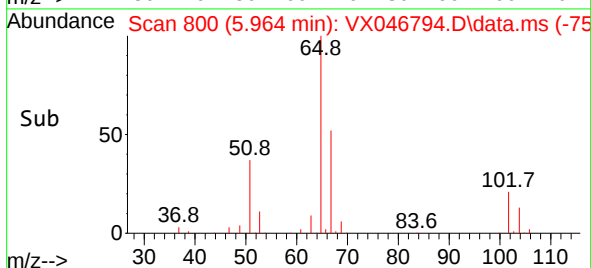
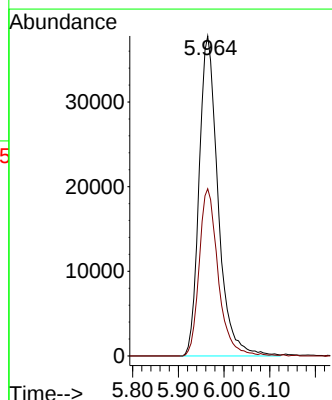
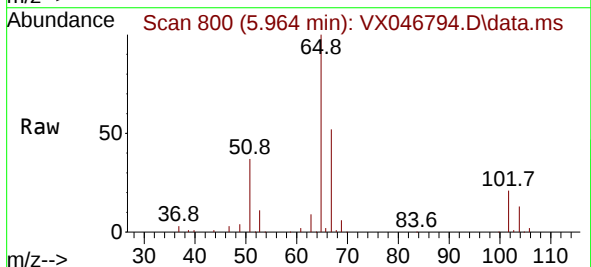
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

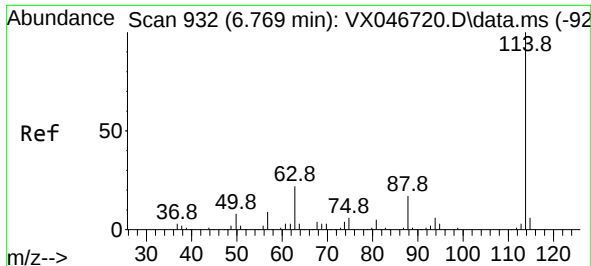
Tgt Ion: 56 Resp: 3303
Ion Ratio Lower Upper
56 100
69 190.7 24.8 37.2#
84 148.8 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 47.612 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion: 65 Resp: 108713
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

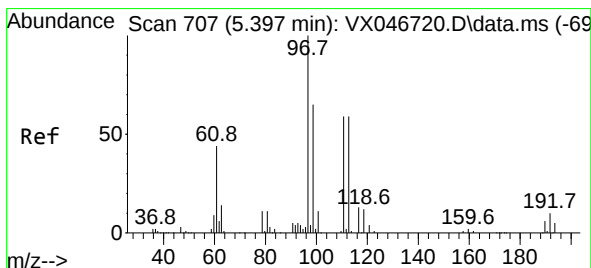
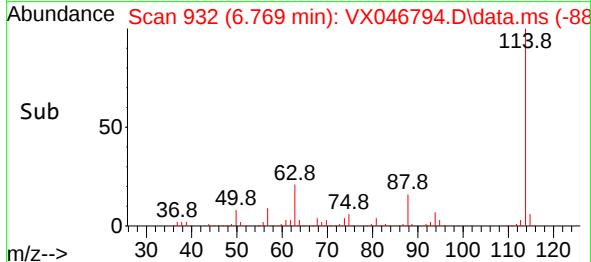
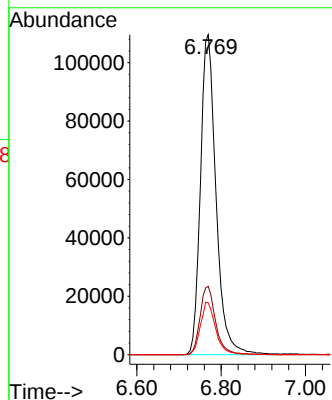
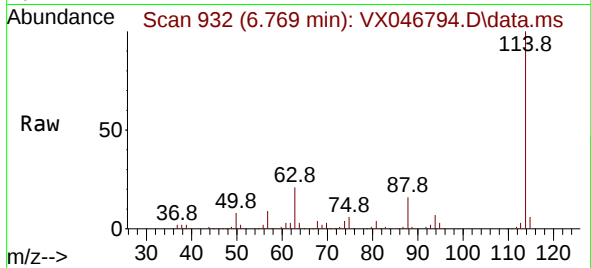




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

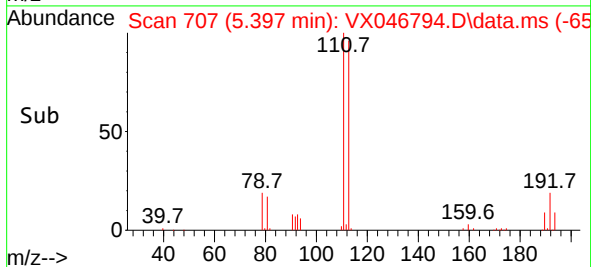
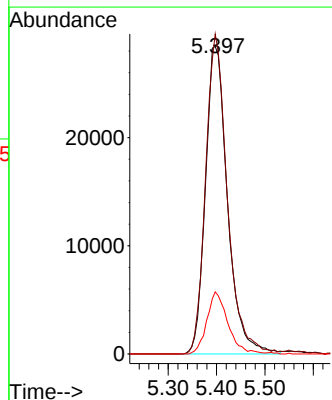
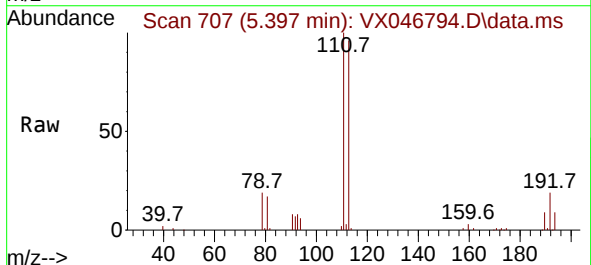
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

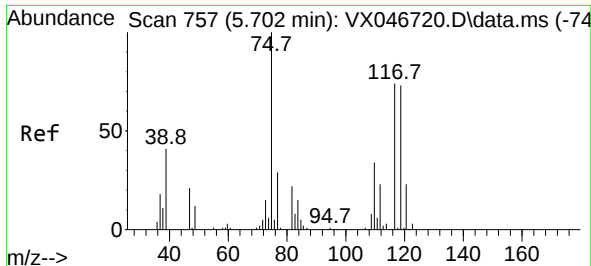
Tgt Ion:114 Resp: 281766
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.553 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion:113 Resp: 90515
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.2 15.3 22.9

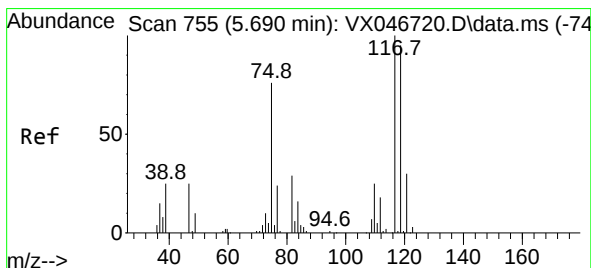
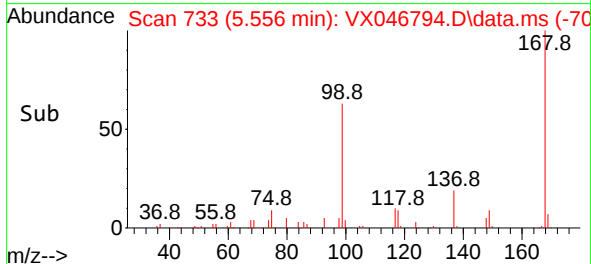
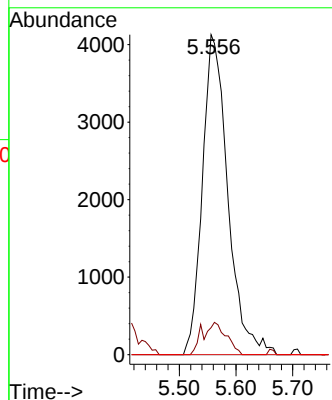
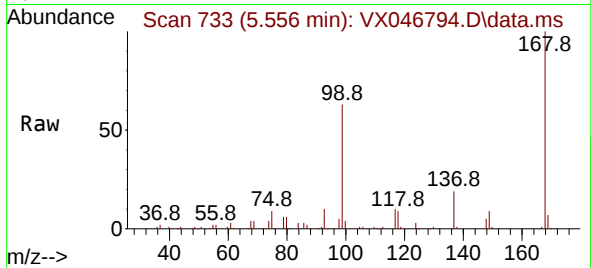




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

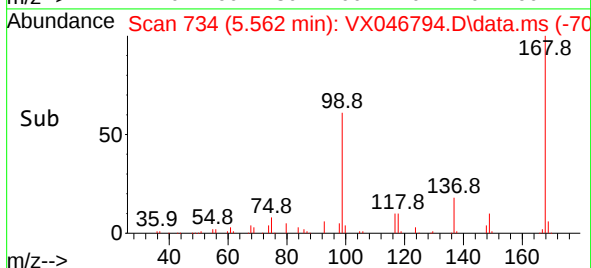
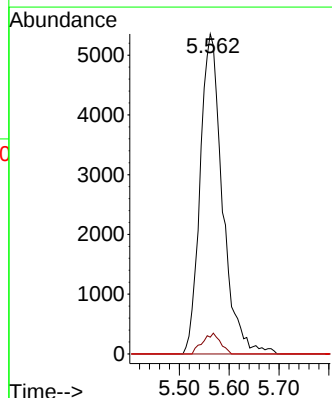
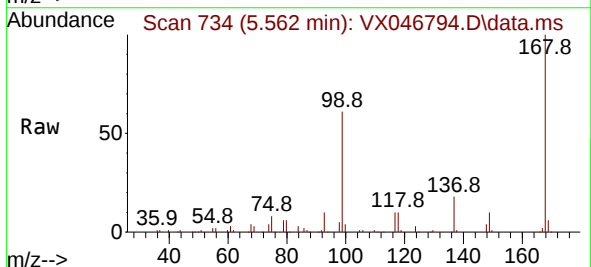
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

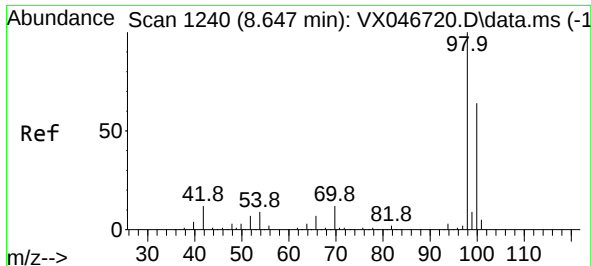
Tgt Ion: 75 Resp: 12852
Ion Ratio Lower Upper
75 100
110 7.2 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion: 117 Resp: 16671
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.1 36.1#

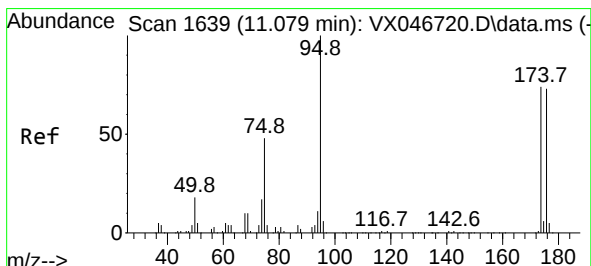
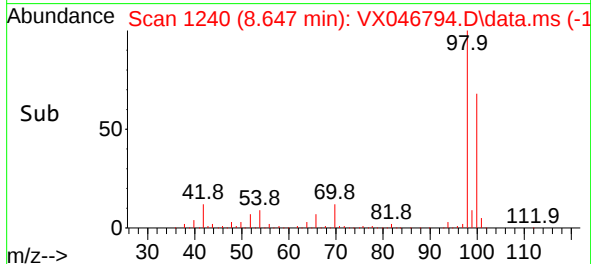
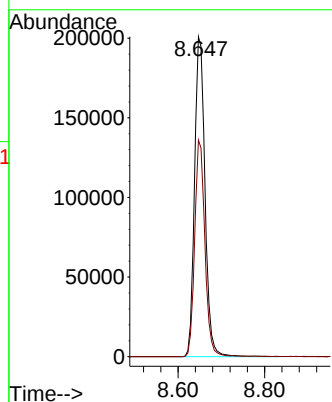
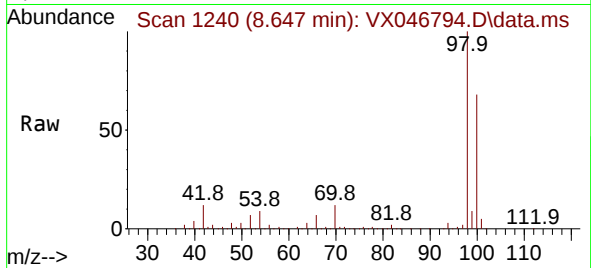




#50
Toluene-d8
Concen: 50.265 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

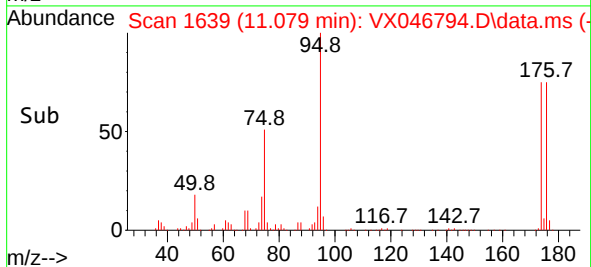
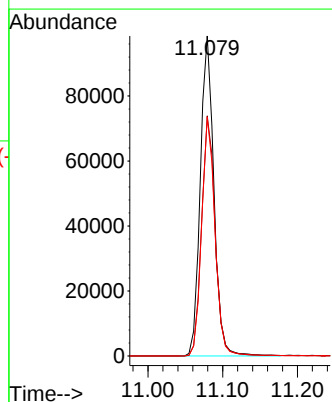
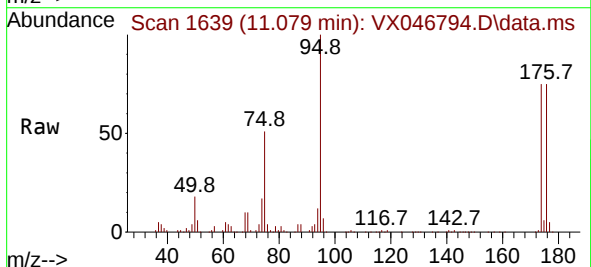
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

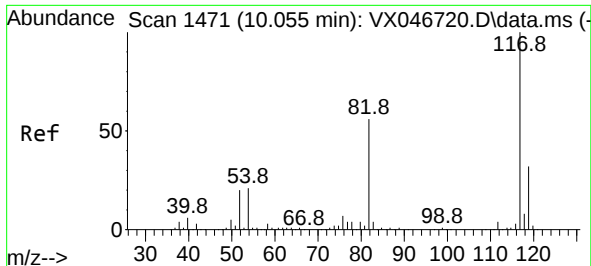
Tgt Ion: 98 Resp: 336667
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion: 95 Resp: 124166
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 73.3 0.0 145.0

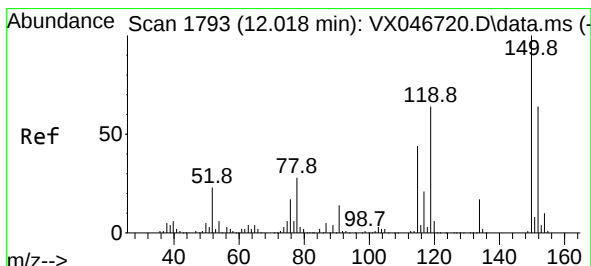
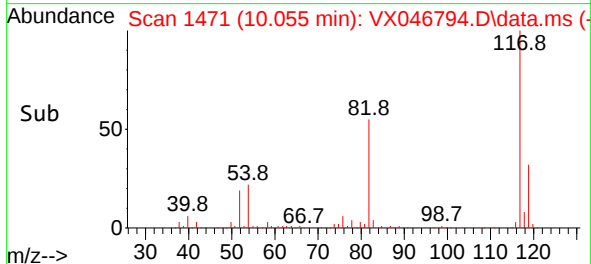
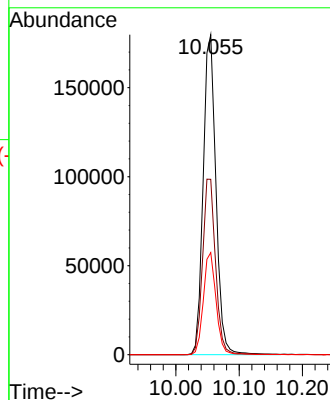
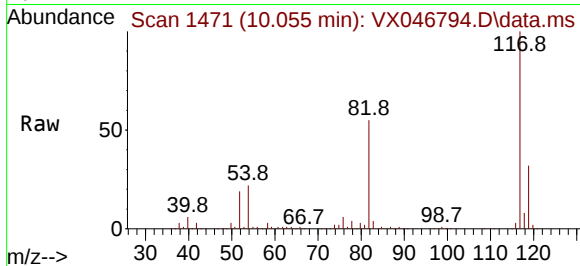




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

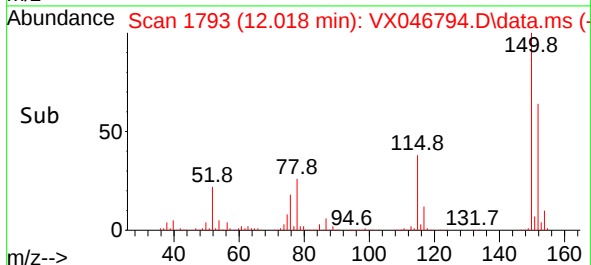
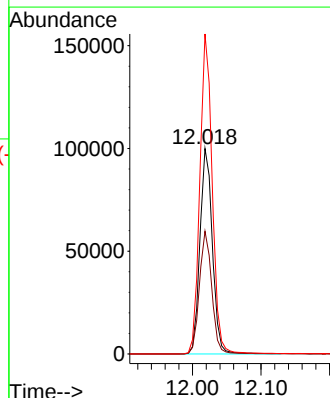
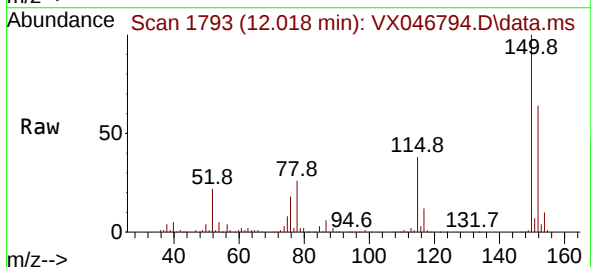
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

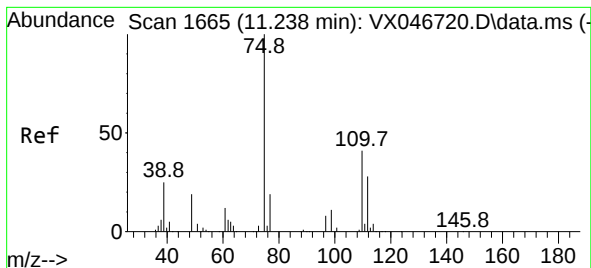
Tgt Ion:117 Resp: 253077
Ion Ratio Lower Upper
117 100
82 54.8 44.6 66.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046794.D
Acq: 20 Jun 2025 19:23

Tgt Ion:152 Resp: 126699
Ion Ratio Lower Upper
152 100
115 59.4 43.2 129.6
150 154.9 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046794.D

Acq: 20 Jun 2025 19:23

Instrument :

MSVOA_X

ClientSampleId :

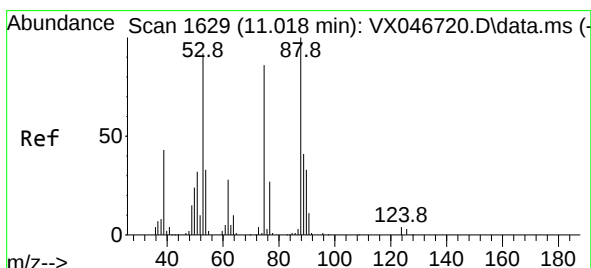
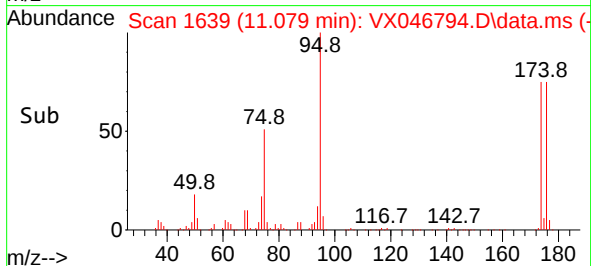
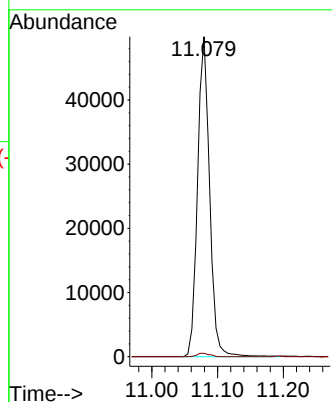
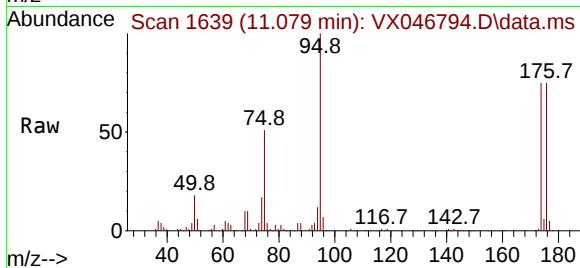
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 63015

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.757 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046794.D

Acq: 20 Jun 2025 19:23

Tgt Ion: 75 Resp: 63015

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

