

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048018.D
 Acq On : 06 Oct 2025 13:04
 Operator : JC/MD
 Sample : Q3279-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 07 02:12:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

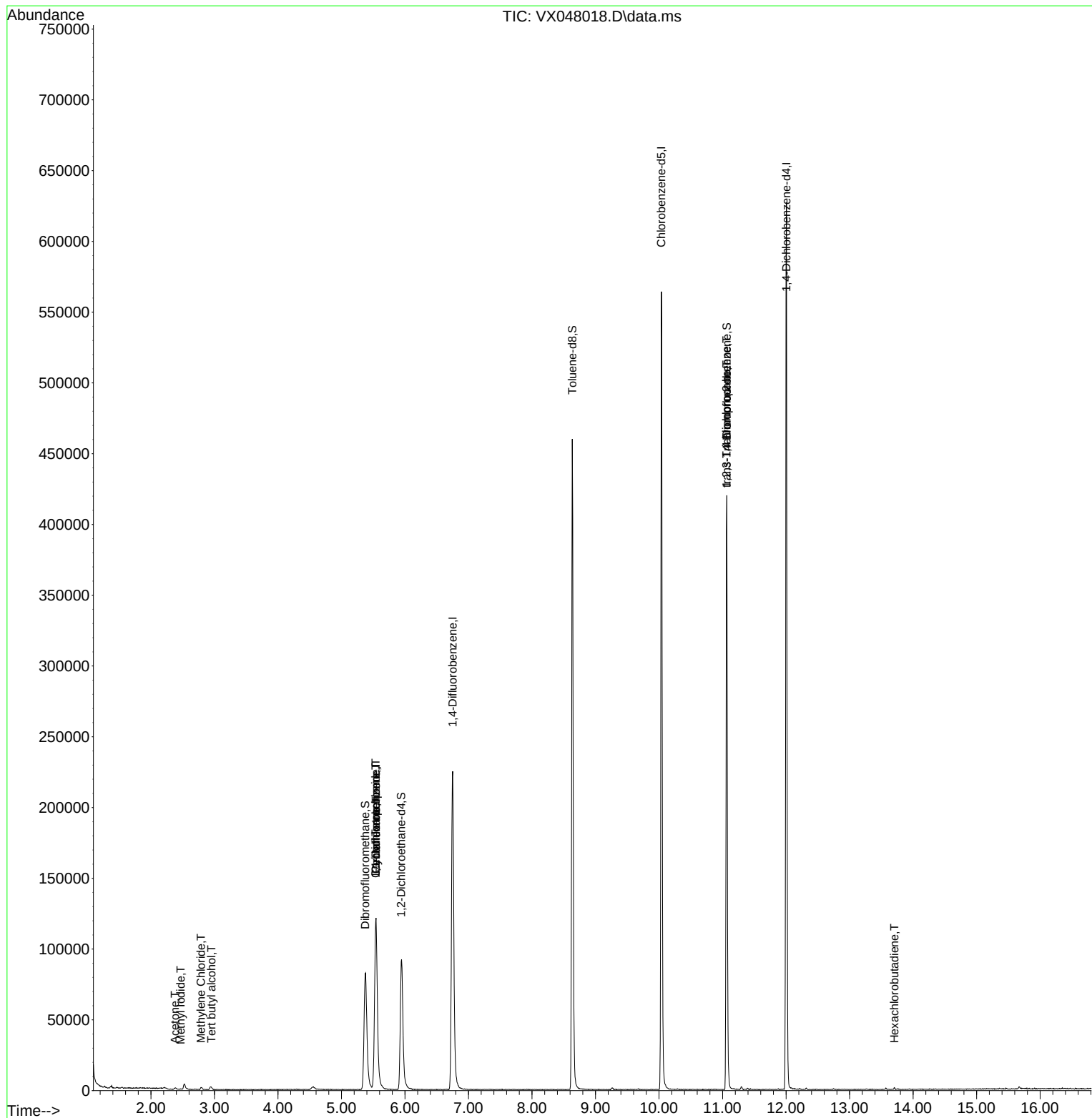
Internal Standards						
1) Pentafluorobenzene	5.543	168	121633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	262334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102930	53.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.320%	
35) Dibromofluoromethane	5.373	113	81556	49.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.300%	
50) Toluene-d8	8.634	98	277085	48.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	11.067	95	122105	56.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.220%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	566	0.258	ug/l #	87
11) Tert butyl alcohol	2.952	59	1006	4.665	ug/l #	72
16) Acetone	2.379	43	1575	1.871	ug/l	96
20) Methylene Chloride	2.788	84	788	0.442	ug/l #	87
31) Cyclohexane	5.543	56	2838	1.109	ug/l #	19
36) 1,1-Dichloropropene	5.537	75	10073	4.197	ug/l #	52
38) Carbon Tetrachloride	5.537	117	13232	5.074	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	64081	24.463	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	64081	62.384	ug/l #	8
94) Hexachlorobutadiene	13.707	225	294	0.311	ug/l #	56

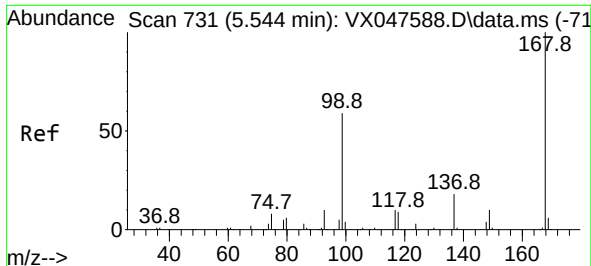
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
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Quant Time: Oct 07 02:12:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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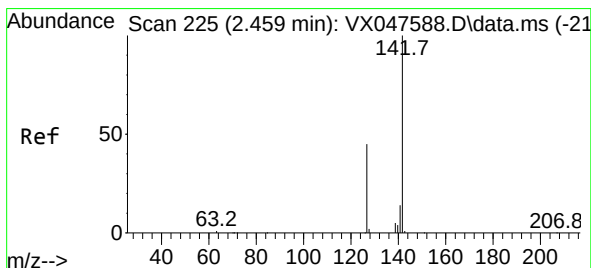
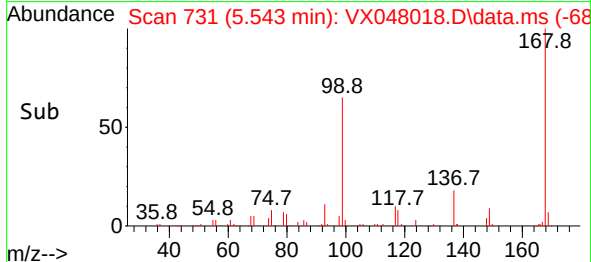
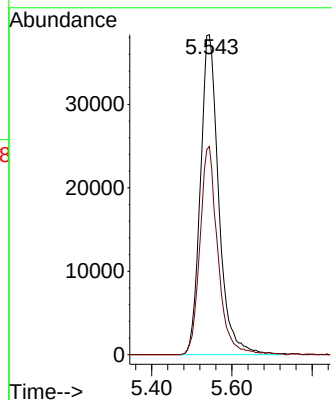
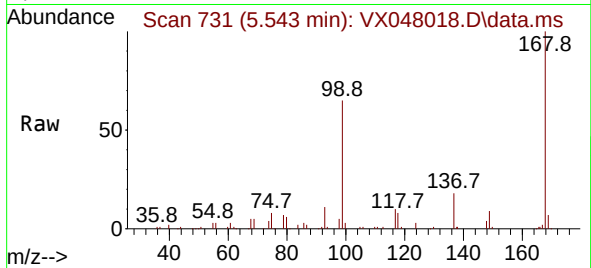




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

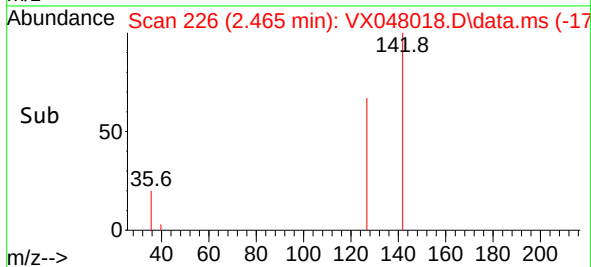
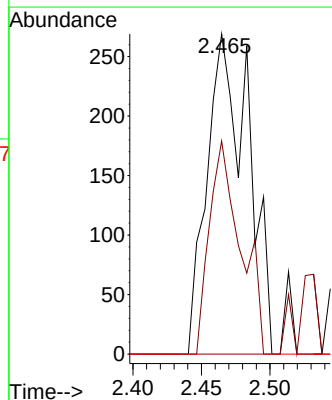
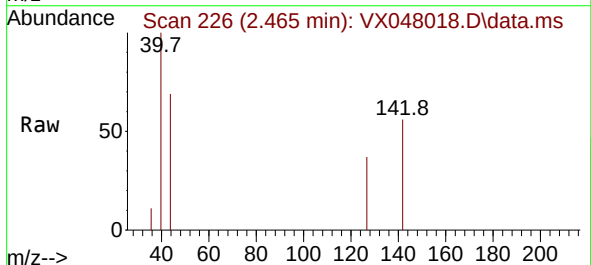
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

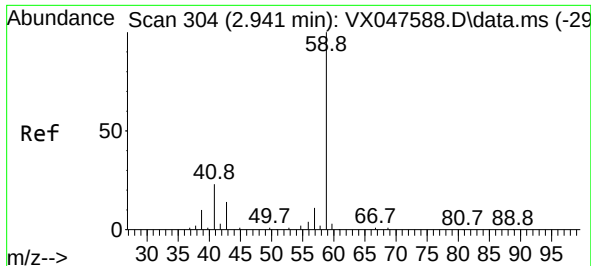
Tgt Ion:168 Resp: 121633
Ion Ratio Lower Upper
168 100
99 65.1 48.8 73.2



#10
Methyl Iodide
Concen: 0.258 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion:142 Resp: 566
Ion Ratio Lower Upper
142 100
127 50.4 37.2 55.8
141 0.0 11.4 17.0#

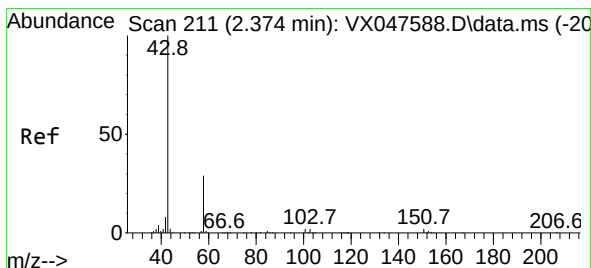
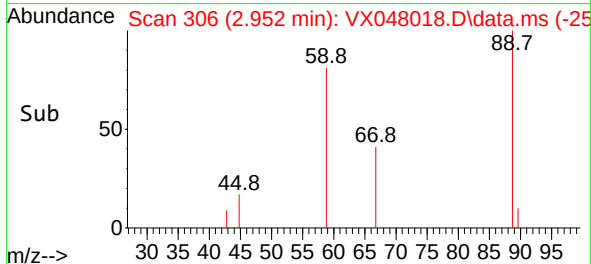
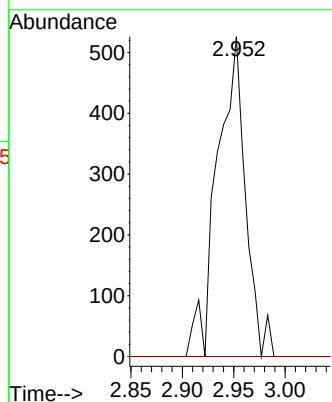
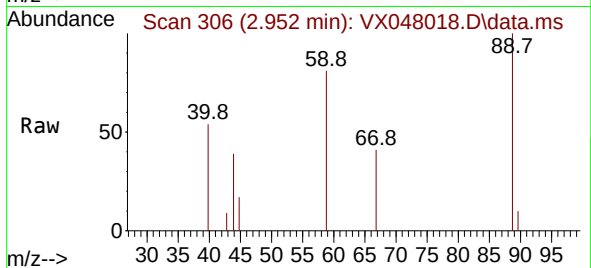




#11
Tert butyl alcohol
Concen: 4.665 ug/l
RT: 2.952 min Scan# 304
Delta R.T. 0.012 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

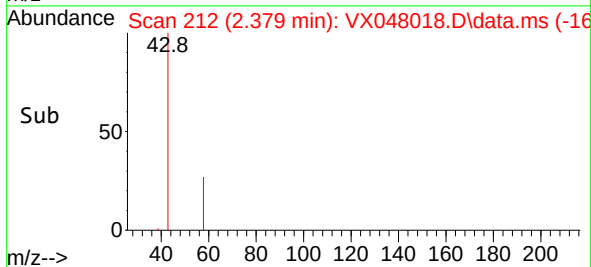
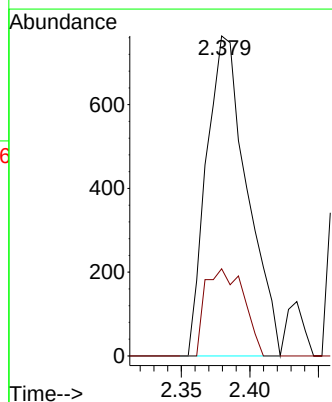
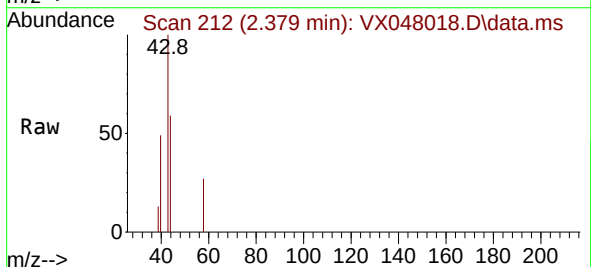
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

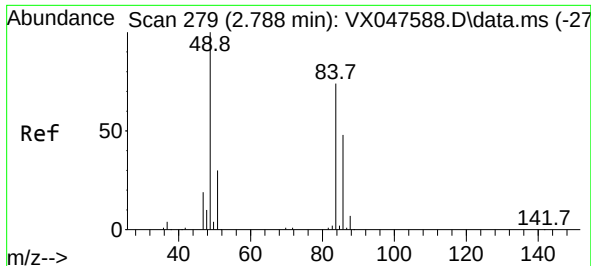
Tgt Ion: 59 Resp: 1006
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.871 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 27.2 23.4 35.0

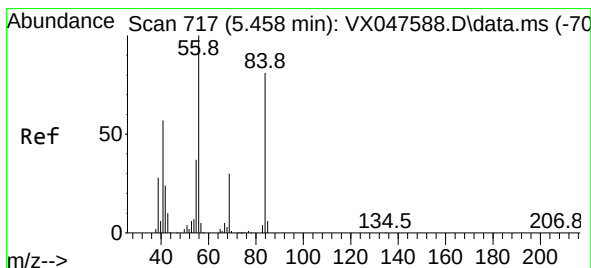
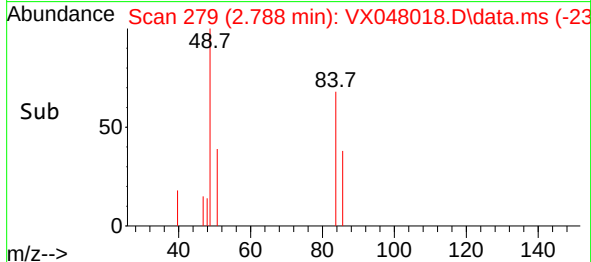
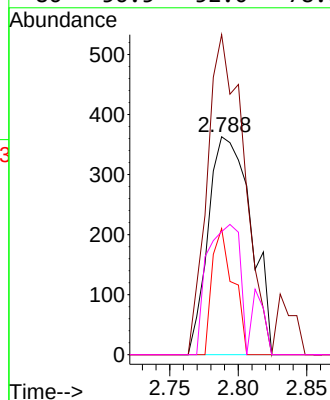
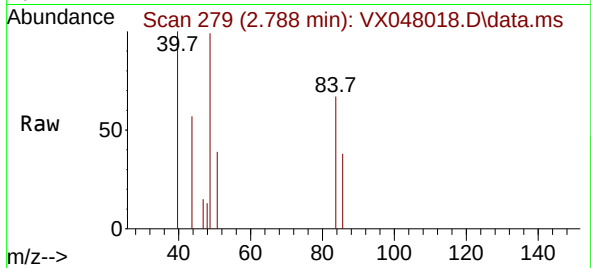




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

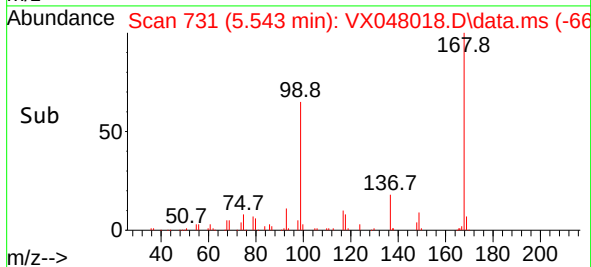
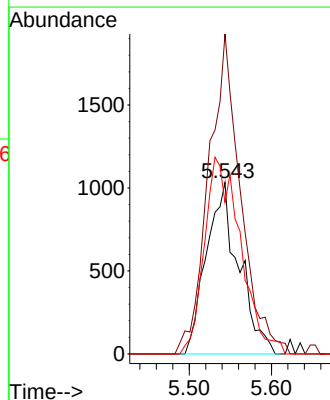
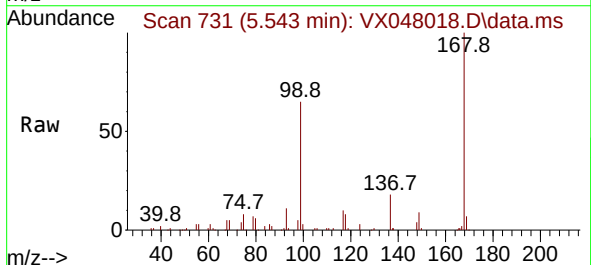
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

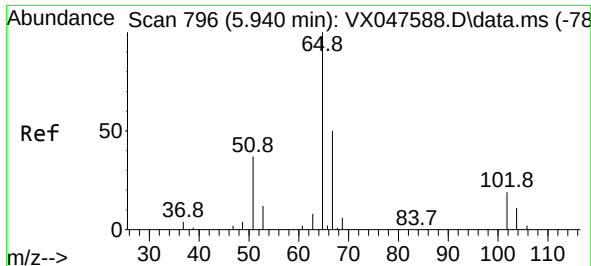
Tgt Ion:	84	Resp:	788
Ion	Ratio	Lower	Upper
84	100		
49	146.8	108.6	162.8
51	57.9	32.6	48.8#
86	56.5	52.0	78.0



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion:	56	Resp:	2838
Ion	Ratio	Lower	Upper
56	100		
69	180.3	23.8	35.8#
84	88.4	64.6	97.0





#33

1,2-Dichloroethane-d4

Concen: 53.164 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048018.D

Acq: 06 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

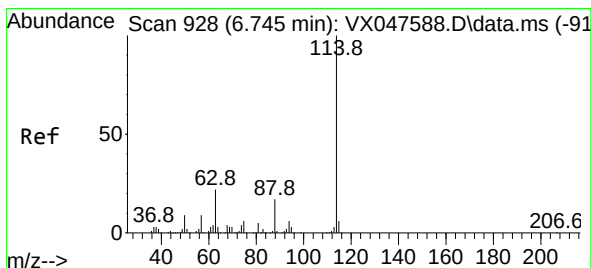
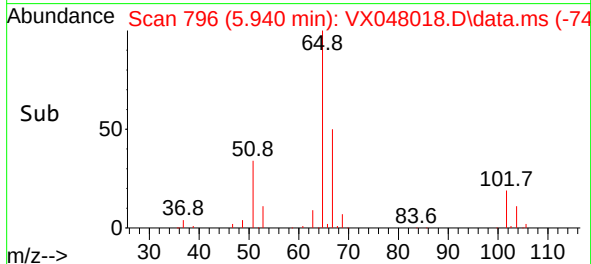
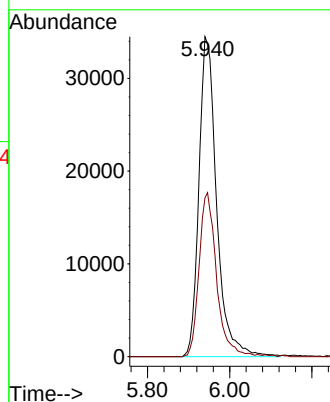
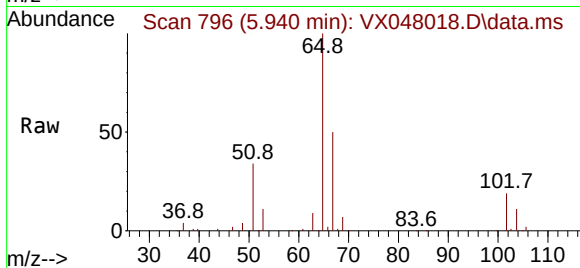
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 102930

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048018.D

Acq: 06 Oct 2025 13:04

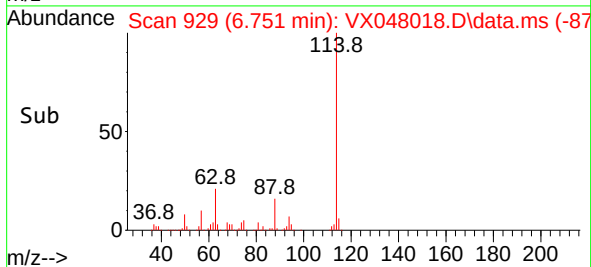
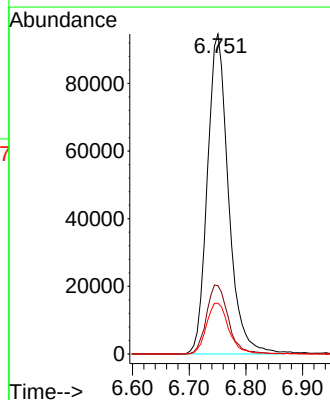
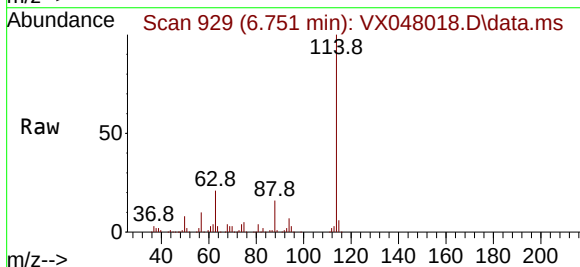
Tgt Ion: 114 Resp: 244927

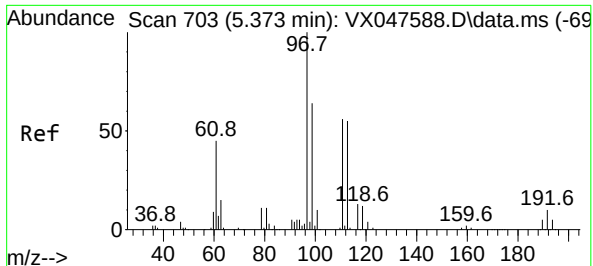
Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.0

88 15.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.650 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048018.D

Acq: 06 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

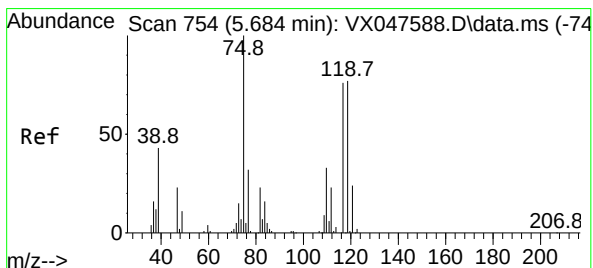
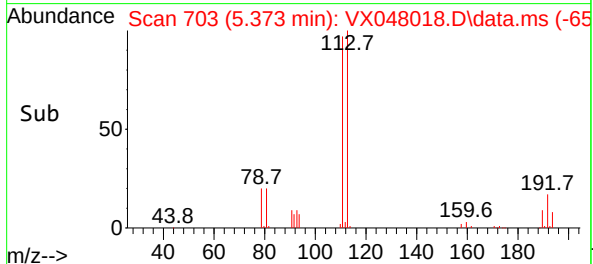
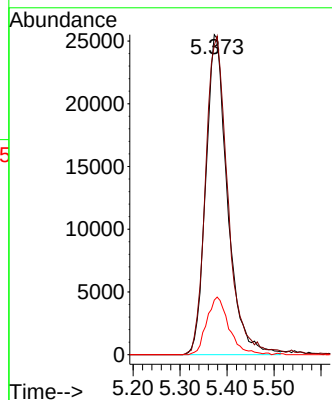
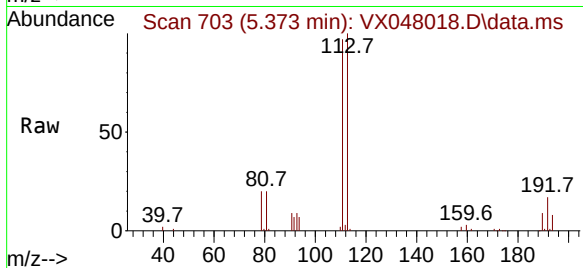
Tgt Ion:113 Resp: 81556

Ion Ratio Lower Upper

113 100

111 103.0 80.9 121.3

192 18.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.197 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.147 min

Lab File: VX048018.D

Acq: 06 Oct 2025 13:04

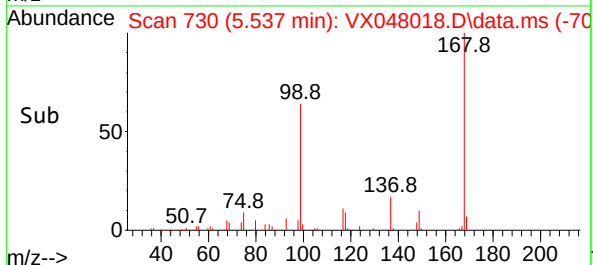
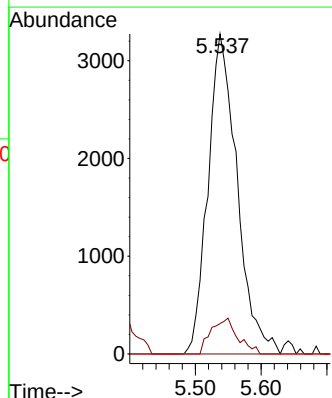
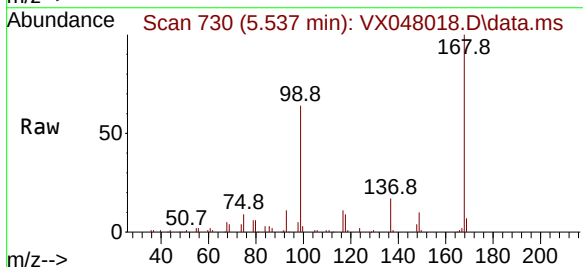
Tgt Ion: 75 Resp: 10073

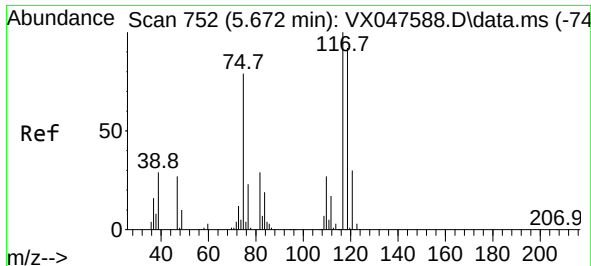
Ion Ratio Lower Upper

75 100

110 10.2 16.7 50.1#

77 0.0 24.3 36.5#

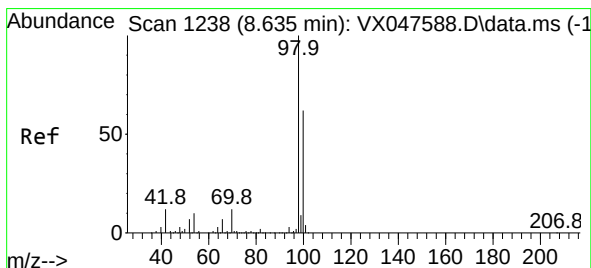
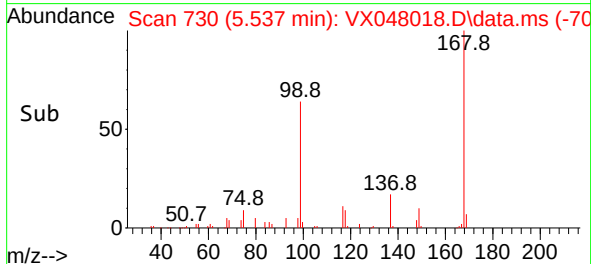
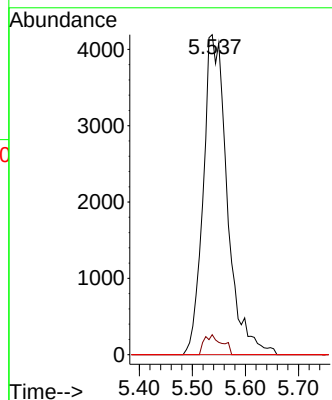
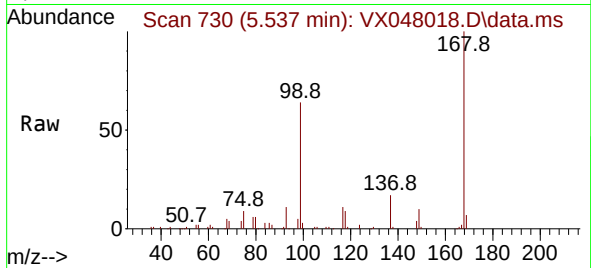




#38
Carbon Tetrachloride
Concen: 5.074 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

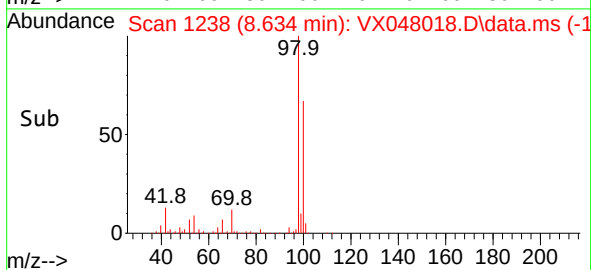
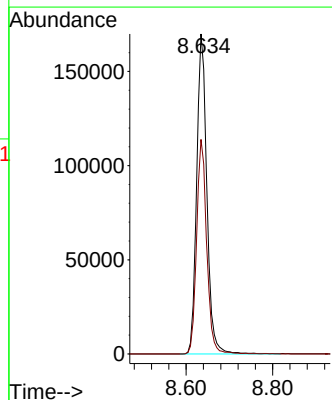
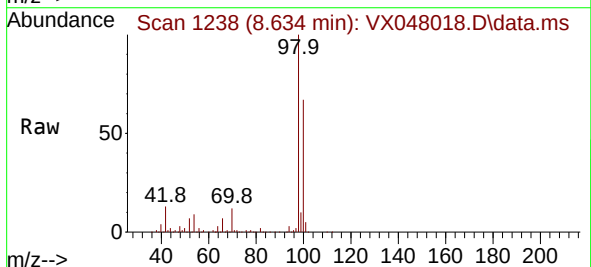
Instrument :
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STORAGE-BLANK-WATER-REF-4

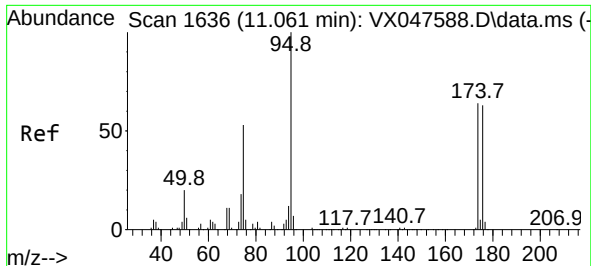
Tgt Ion:117 Resp: 13232
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.750 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion: 98 Resp: 277085
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

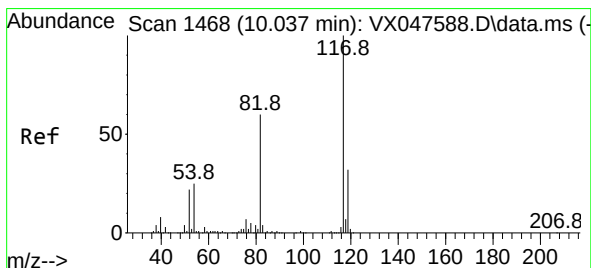
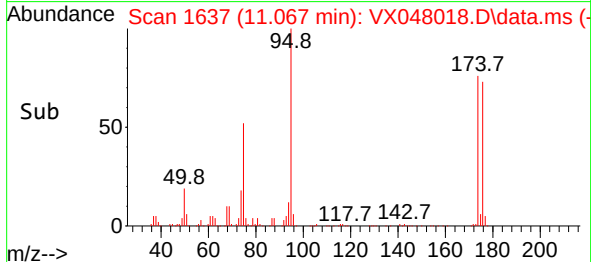
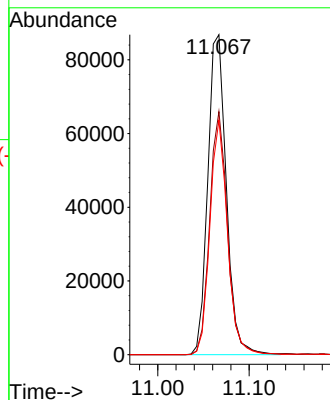
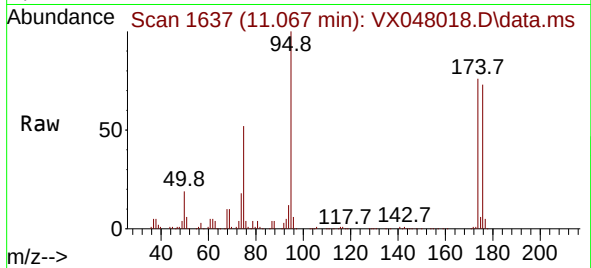




#62
4-Bromofluorobenzene
Concen: 56.606 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

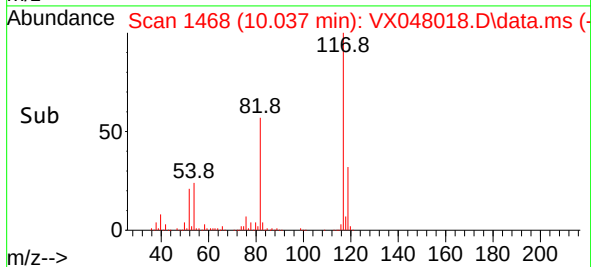
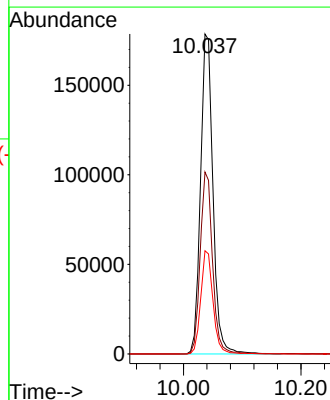
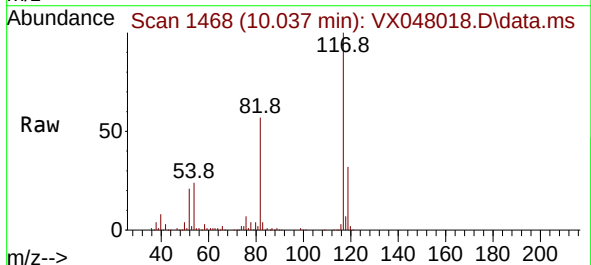
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

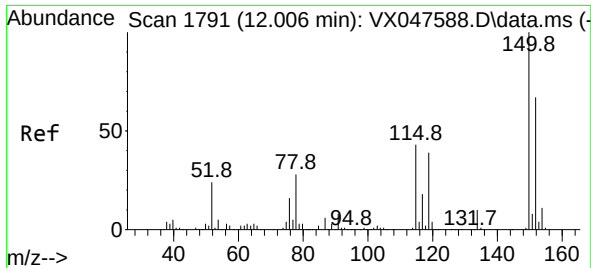
Tgt Ion: 95 Resp: 122105
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion: 117 Resp: 262334
Ion Ratio Lower Upper
117 100
82 56.9 47.8 71.6
119 32.3 25.2 37.8

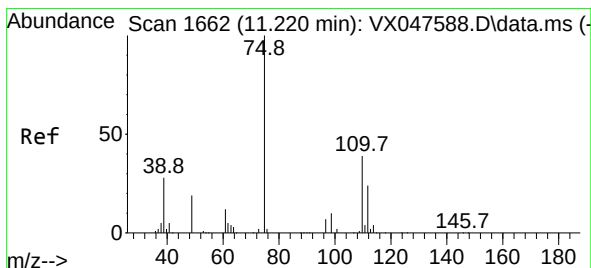
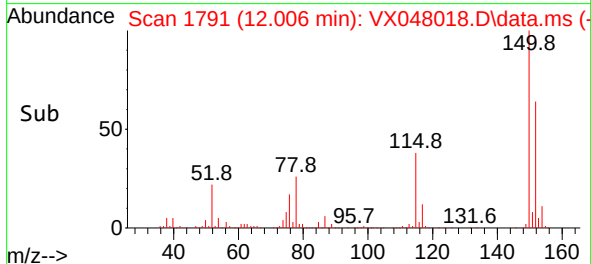
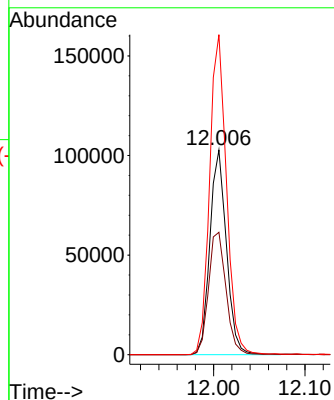
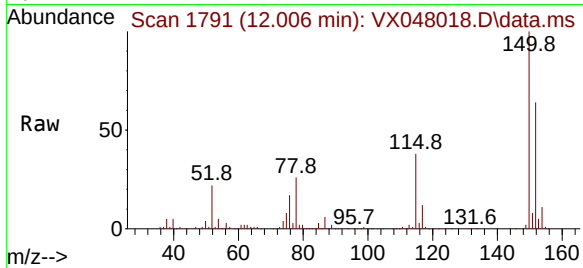




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

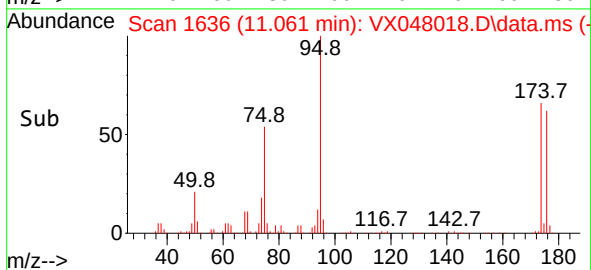
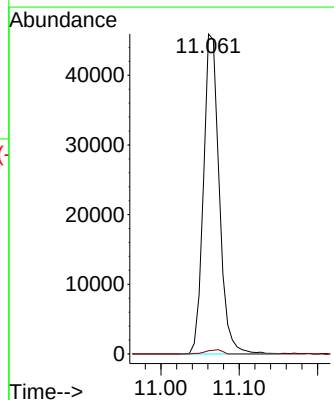
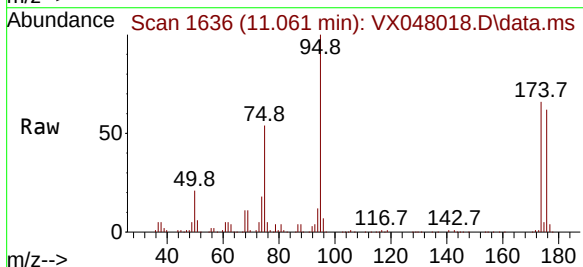
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

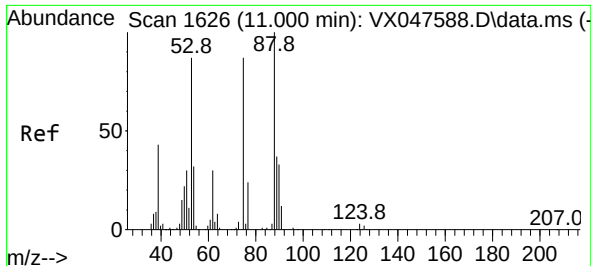
Tgt Ion:152 Resp: 129379
Ion Ratio Lower Upper
152 100
115 63.4 44.9 134.5
150 159.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.463 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion: 75 Resp: 64081
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#

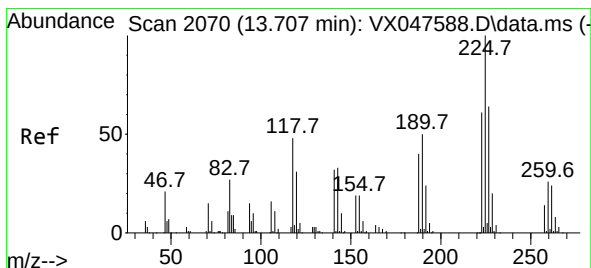
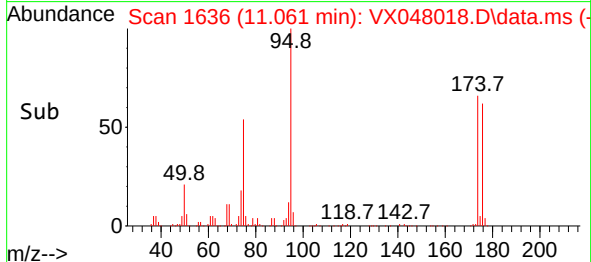
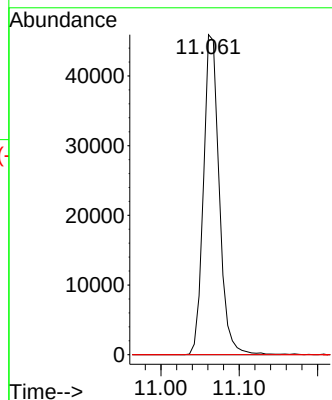
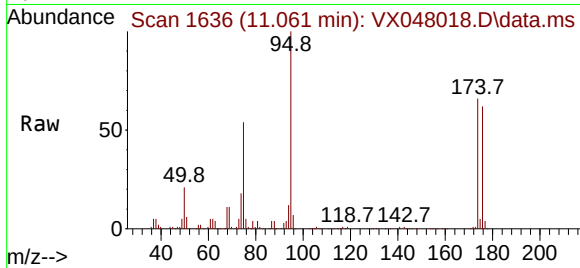




#81
trans-1,4-Dichloro-2-butene
Concen: 62.384 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

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

Tgt Ion: 75 Resp: 64081
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.311 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048018.D
Acq: 06 Oct 2025 13:04

Tgt Ion: 225 Resp: 294
Ion Ratio Lower Upper
225 100
223 50.0 31.7 95.1
227 8.5 32.0 96.0#

