

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047860.D
 Acq On : 26 Sep 2025 15:49
 Operator : JC/MD
 Sample : Q3143-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 26 23:17:10 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)

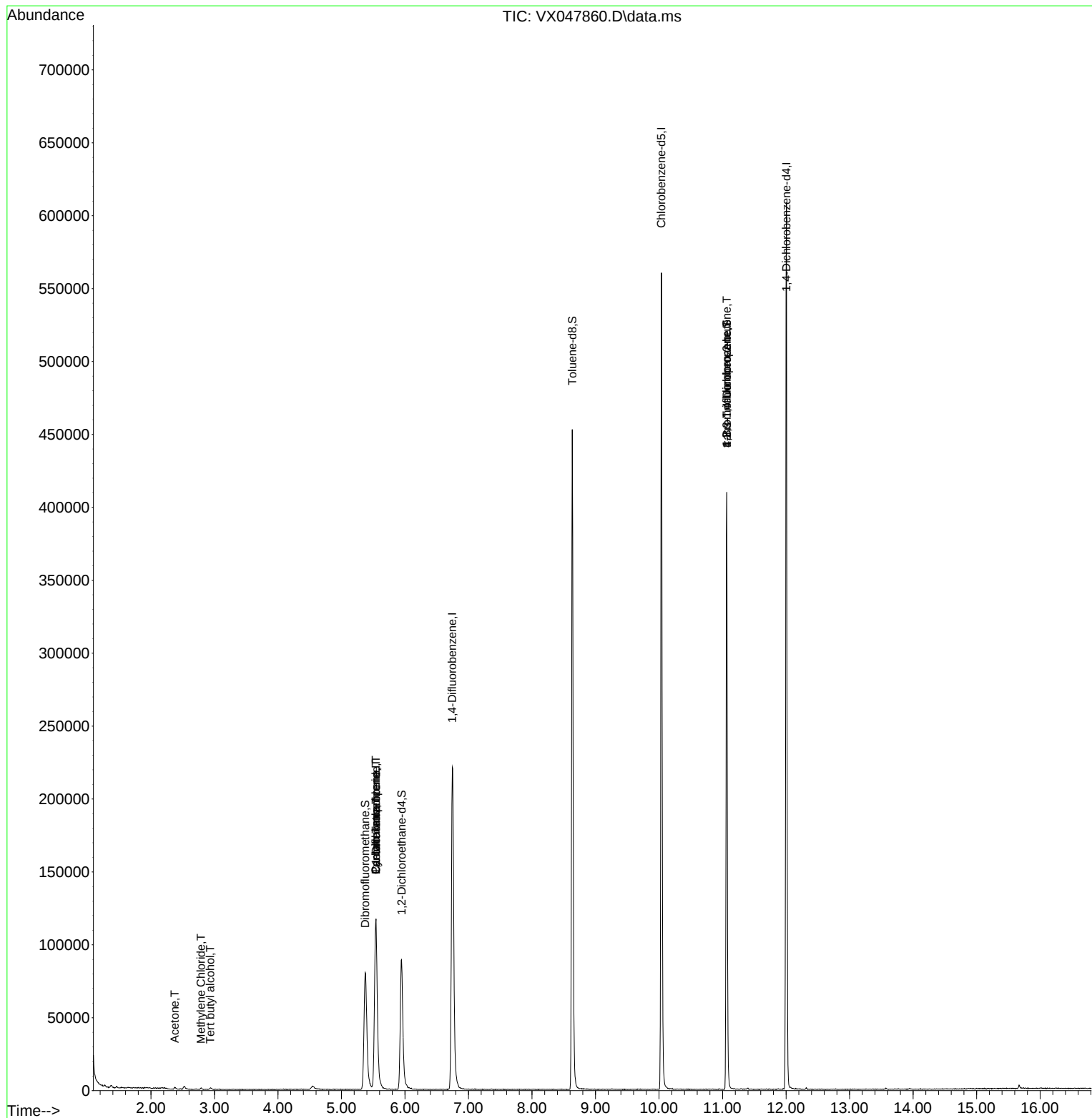
Internal Standards						
1) Pentafluorobenzene	5.544	168	118356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96844	51.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.820%	
35) Dibromofluoromethane	5.373	113	79769	48.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.420%	
50) Toluene-d8	8.635	98	276944	48.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	11.067	95	115138	52.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	140	0.667	ug/l #	72
16) Acetone	2.374	43	1770	2.161	ug/l	99
20) Methylene Chloride	2.788	84	497	0.287	ug/l #	67
31) Cyclohexane	5.544	56	2743	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10106	4.180	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13081	4.980	ug/l #	17
76) 1,2,3-Trichloropropane	11.067	75	60023	23.870	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	60023	60.873	ug/l #	8

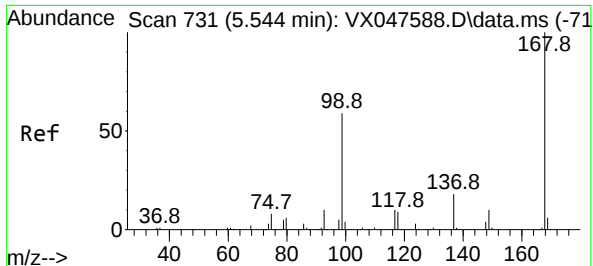
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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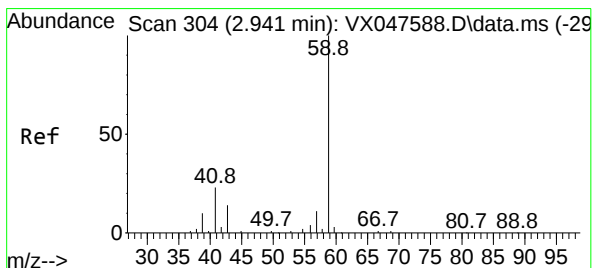
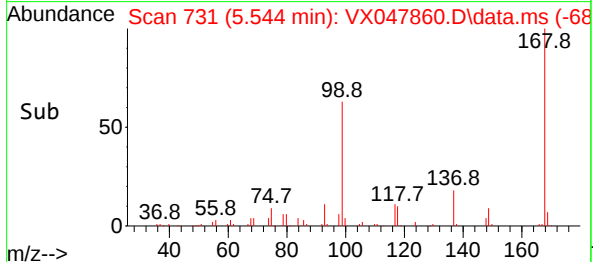
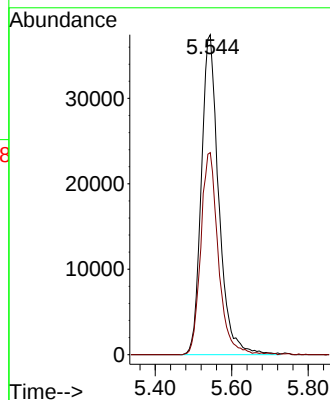
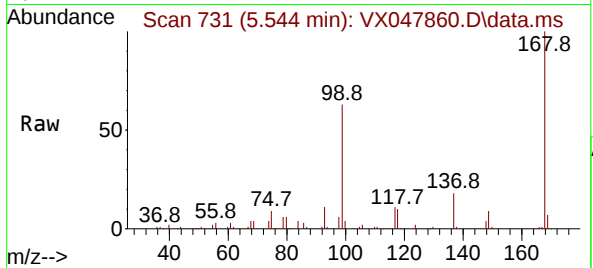




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

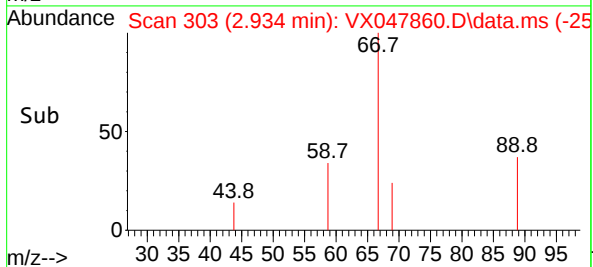
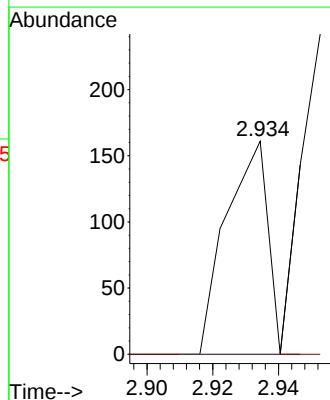
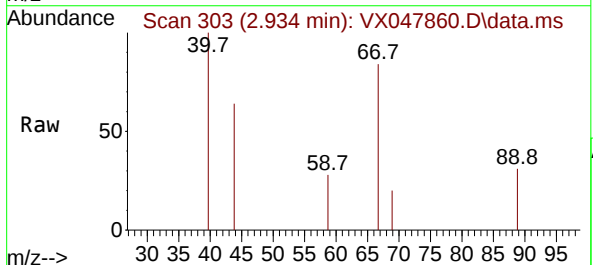
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

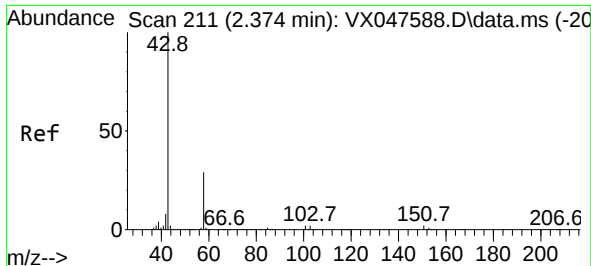
Tgt Ion:168 Resp: 118356
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.667 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

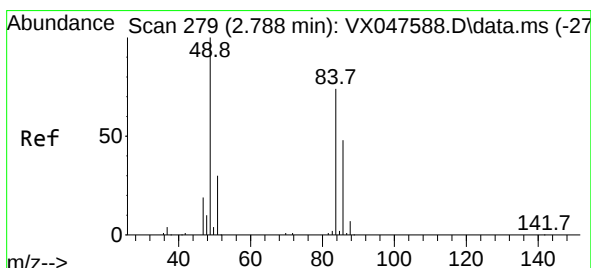
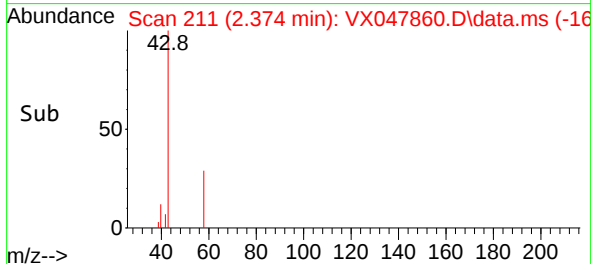
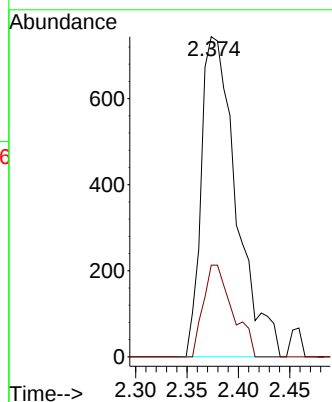
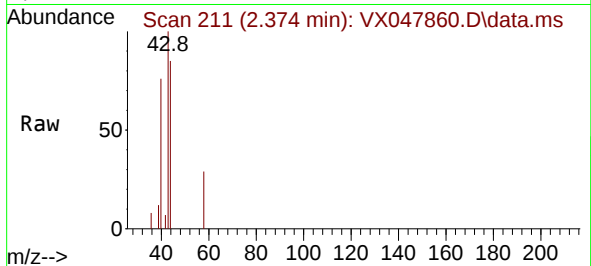




#16
Acetone
Concen: 2.161 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

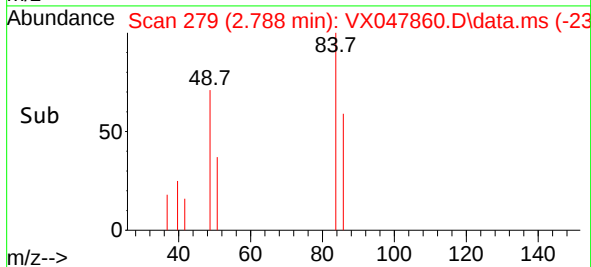
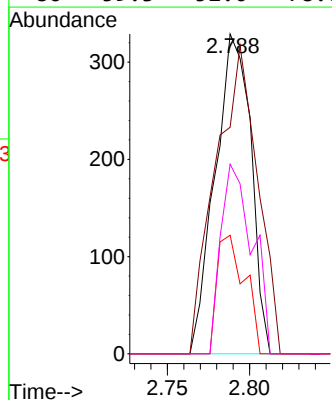
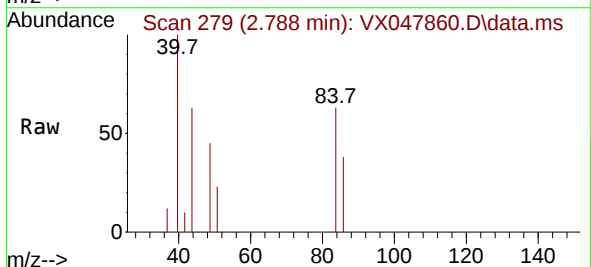
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

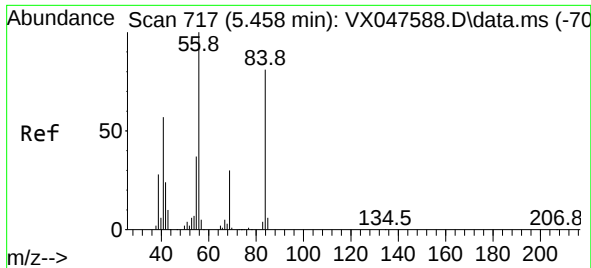
Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 28.6 23.4 35.0



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion: 84 Resp: 497
Ion Ratio Lower Upper
84 100
49 70.8 108.6 162.8#
51 37.1 32.6 48.8
86 59.3 52.0 78.0

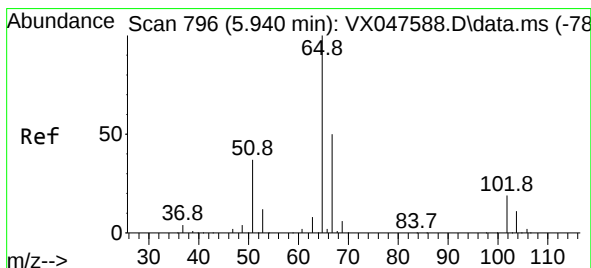
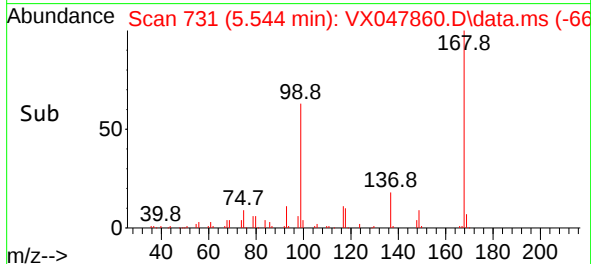
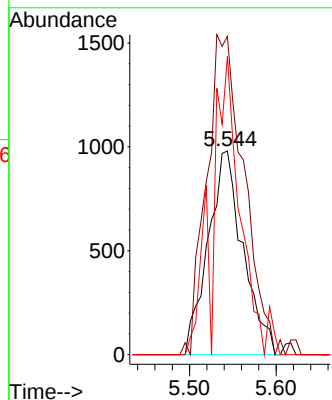
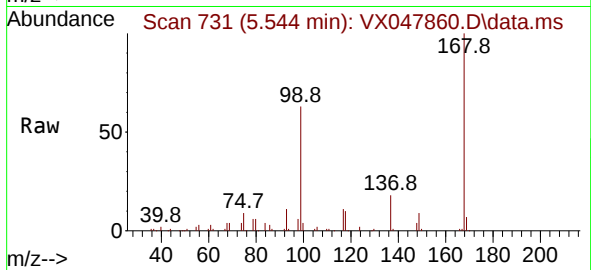




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

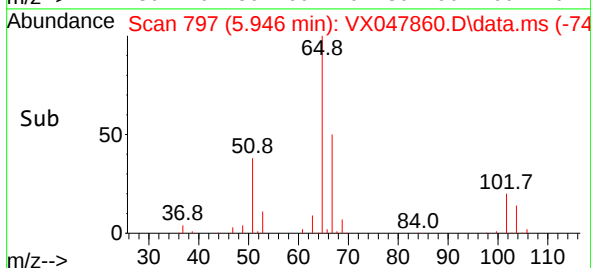
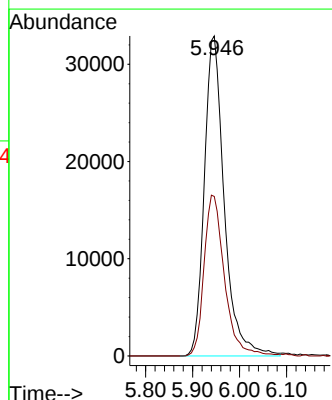
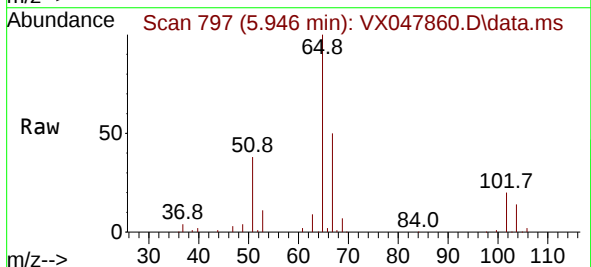
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

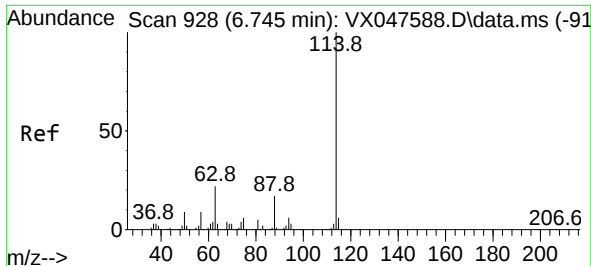
Tgt Ion: 56 Resp: 2743
Ion Ratio Lower Upper
56 100
69 156.3 23.8 35.8#
84 146.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.405 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion: 65 Resp: 96844
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

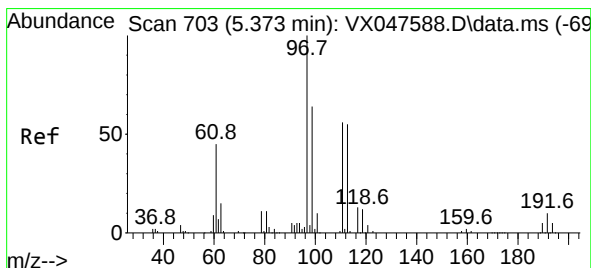
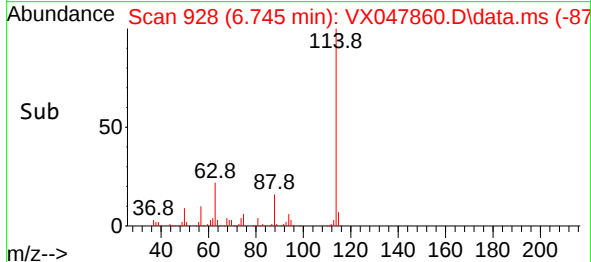
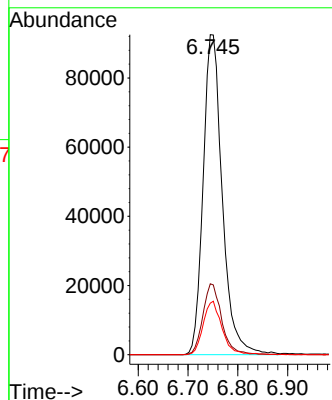
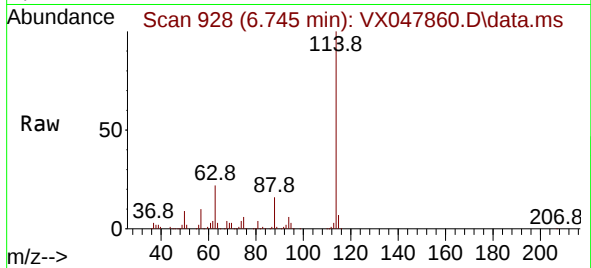




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

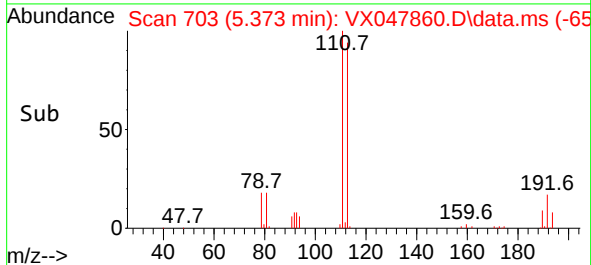
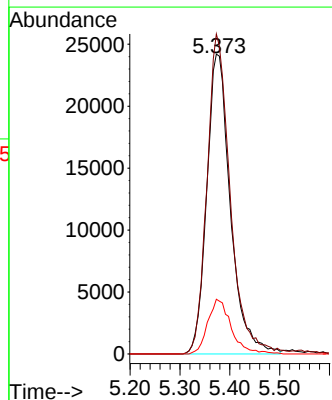
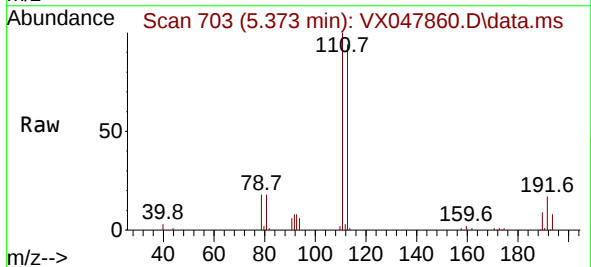
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

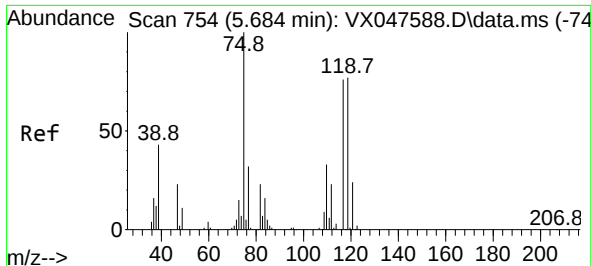
Tgt Ion:114 Resp: 246693
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.215 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion:113 Resp: 79769
Ion Ratio Lower Upper
113 100
111 105.0 80.9 121.3
192 18.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.180 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX047860.D

Acq: 26 Sep 2025 15:49

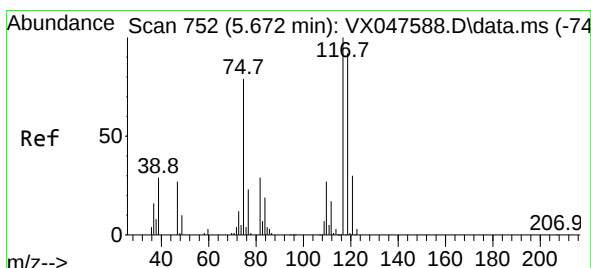
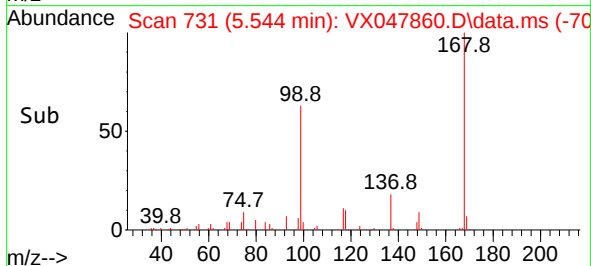
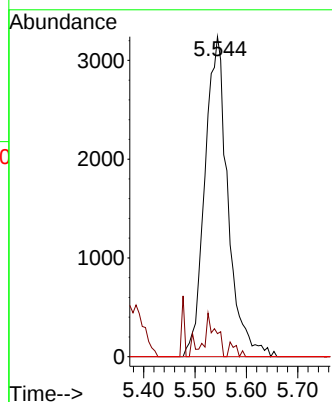
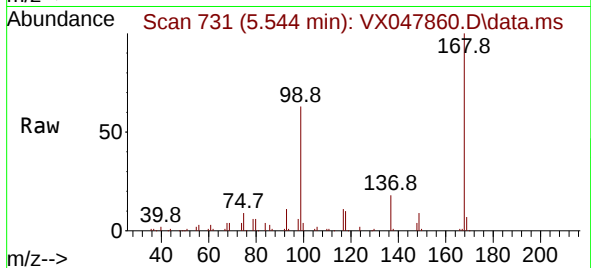
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion:	75	Resp:	10106
Ion	Ratio	Lower	Upper
75	100		
110	6.1	16.7	50.1#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 4.980 ug/l

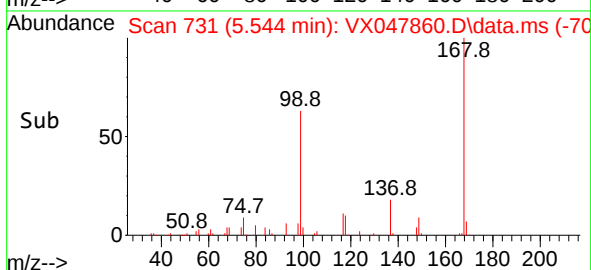
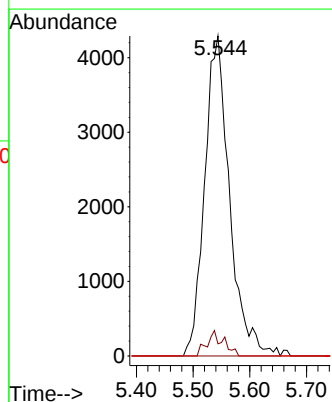
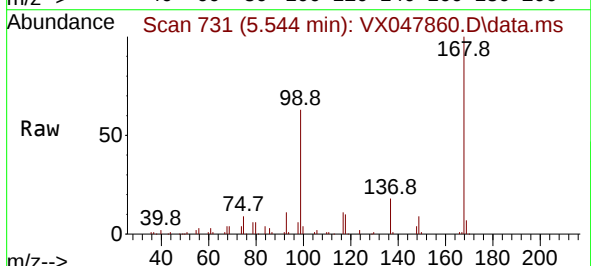
RT: 5.544 min Scan# 731

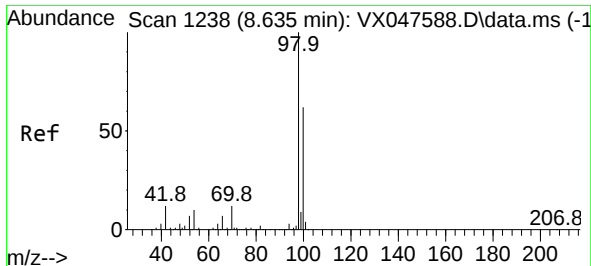
Delta R.T. -0.128 min

Lab File: VX047860.D

Acq: 26 Sep 2025 15:49

Tgt Ion:	117	Resp:	13081
Ion	Ratio	Lower	Upper
117	100		
119	3.8	73.4	110.2#
121	0.0	23.8	35.6#

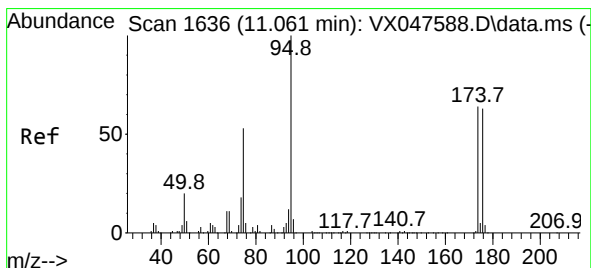
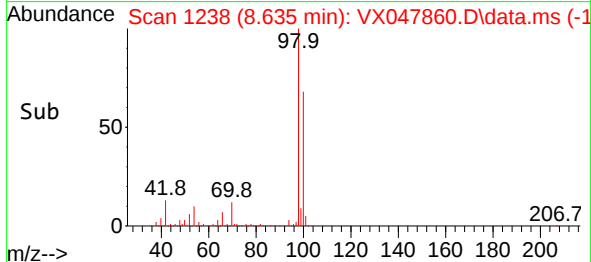
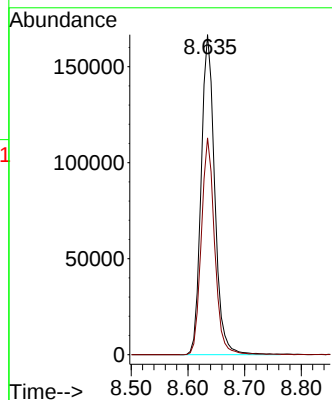
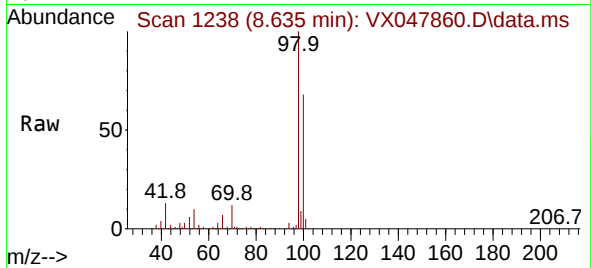




#50
Toluene-d8
Concen: 48.377 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

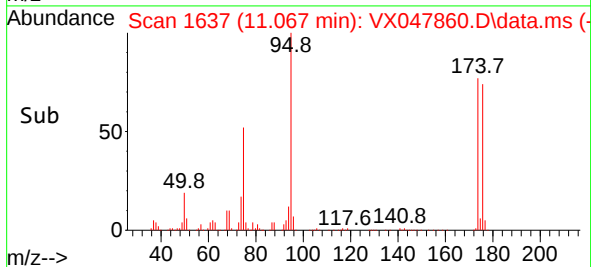
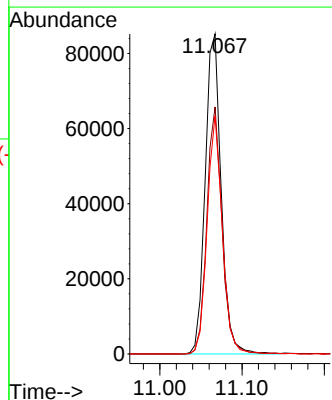
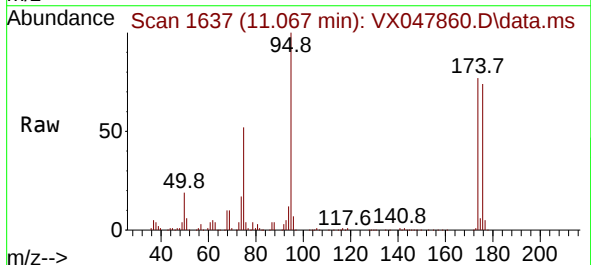
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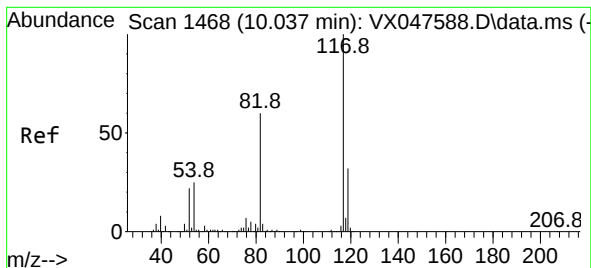
Tgt Ion: 98 Resp: 276944
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion: 95 Resp: 115138
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 70.8 0.0 138.4

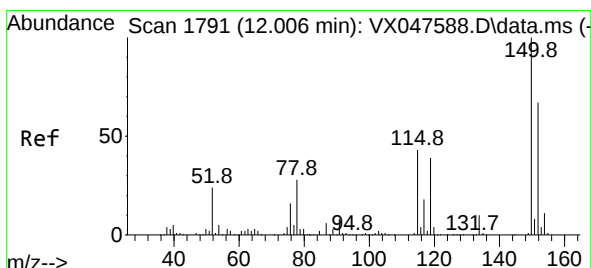
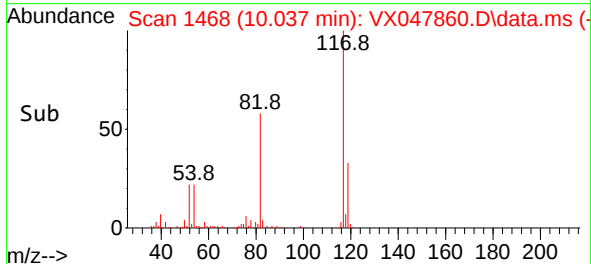
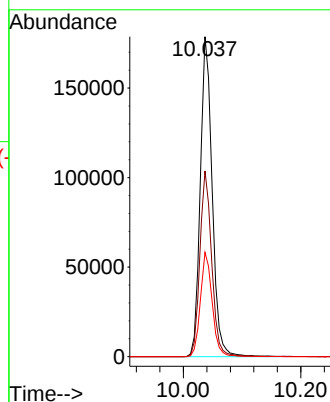
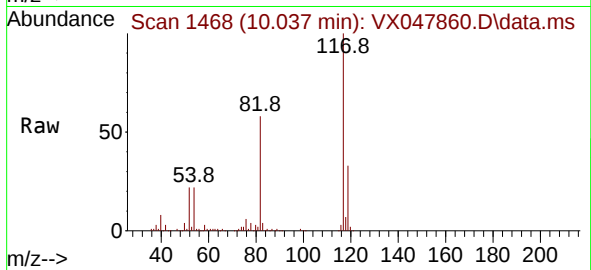




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

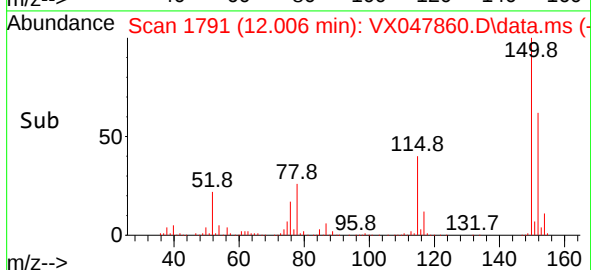
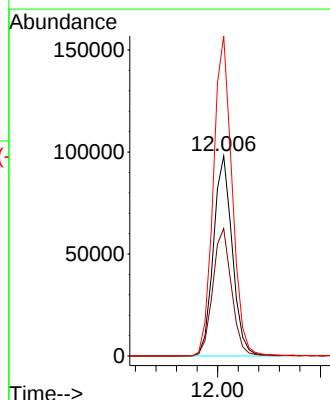
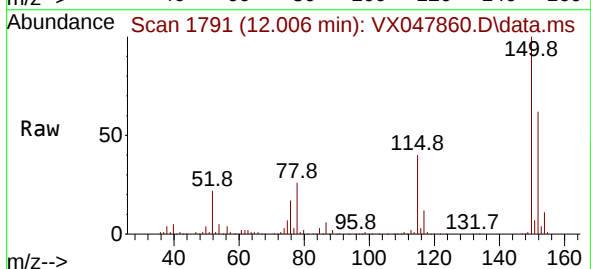
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

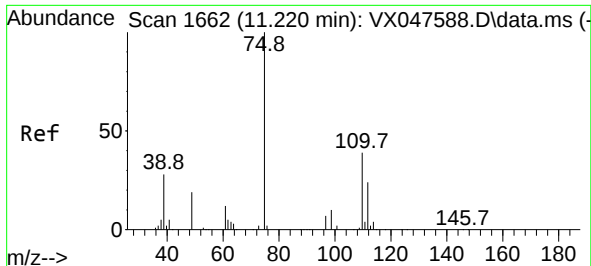
Tgt Ion:117 Resp: 251400
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion:152 Resp: 124194
Ion Ratio Lower Upper
152 100
115 63.7 44.9 134.5
150 159.7 0.0 352.0

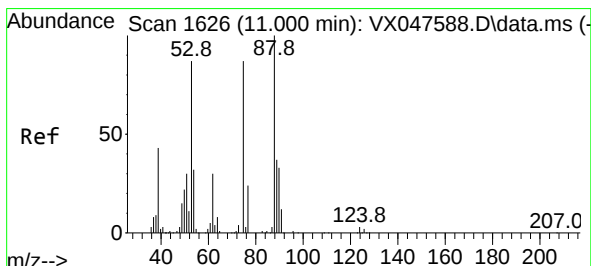
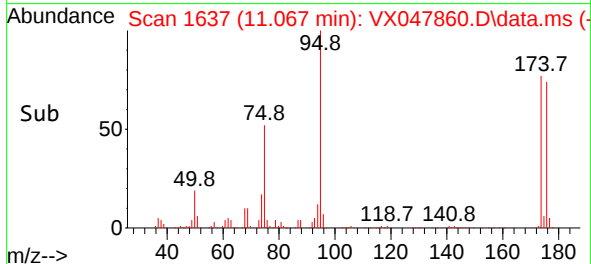
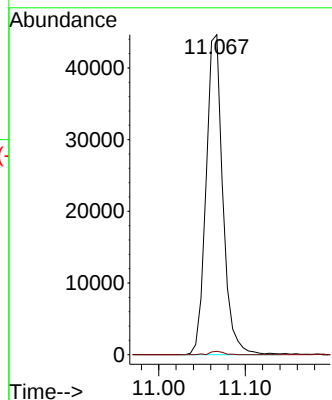
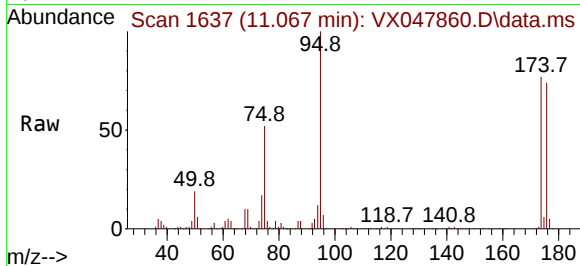




#76
1,2,3-Trichloropropane
Concen: 23.870 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.152 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

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

Tgt Ion: 75 Resp: 60023
Ion Ratio Lower Upper
75 100
77 0.9 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.873 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX047860.D
Acq: 26 Sep 2025 15:49

Tgt Ion: 75 Resp: 60023
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

