

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111425\
 Data File : VX048609.D
 Acq On : 14 Nov 2025 15:00
 Operator : JC/MD
 Sample : Q3643-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 14 22:21:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

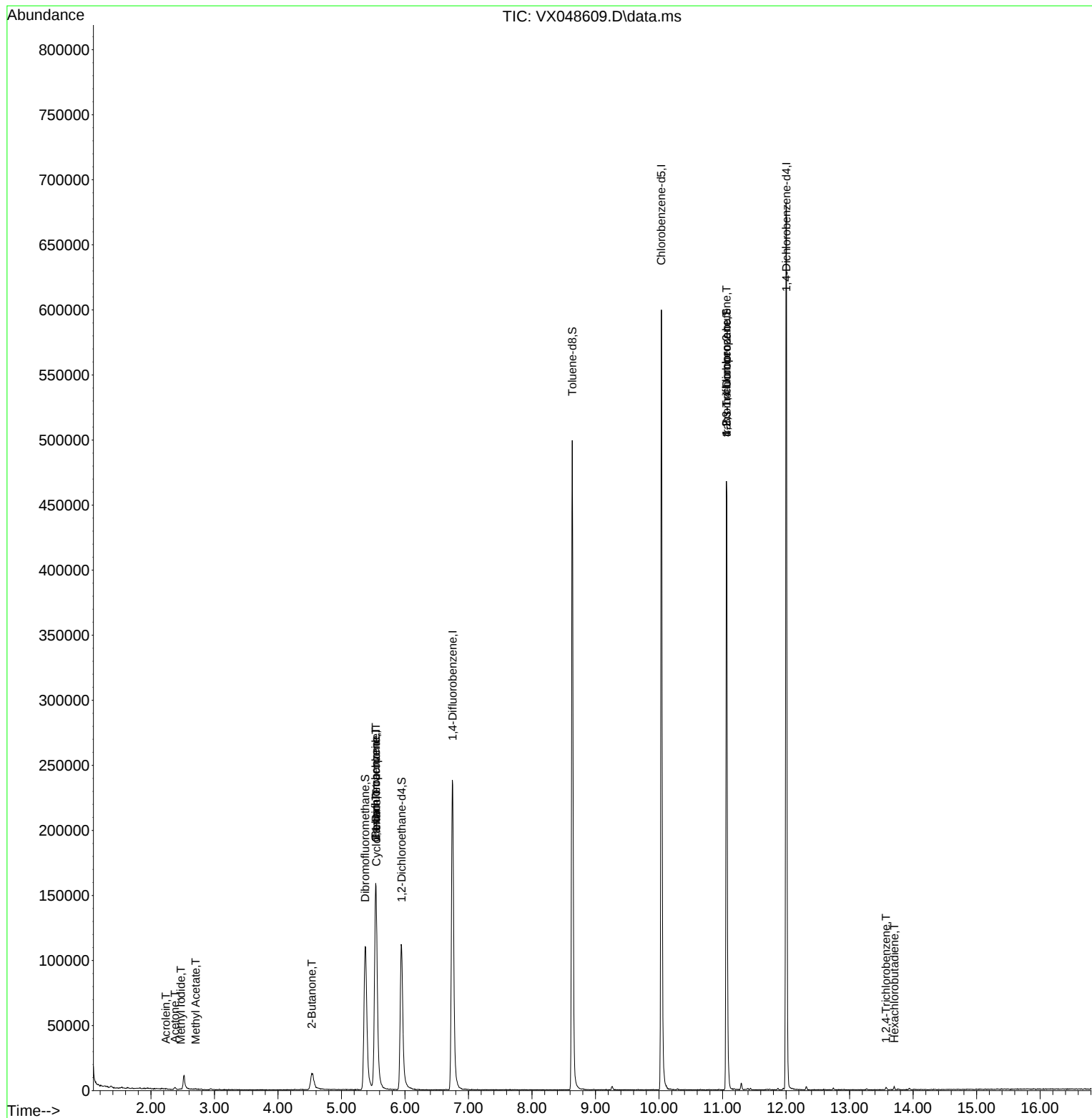
Internal Standards						
1) Pentafluorobenzene	5.538	168	170242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	262793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123174	51.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.840%	
35) Dibromofluoromethane	5.373	113	114145	57.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.780%	
50) Toluene-d8	8.635	98	308613	49.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	11.061	95	131774	57.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.000%	
Target Compounds						Qvalue
10) Methyl Iodide	2.471	142	633	0.225	ug/l #	83
13) Acrolein	2.233	56	22	0.338	ug/l #	15
16) Acetone	2.380	43	2336	2.080	ug/l	93
18) Methyl Acetate	2.703	43	1039	0.337	ug/l #	59
25) 2-Butanone	4.532	43	454	0.273	ug/l #	48
31) Cyclohexane	5.550	56	2931	0.920	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12980	4.874	ug/l #	49
38) Carbon Tetrachloride	5.544	117	17087	5.636	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	69607	19.644	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	69607	56.190	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.573	180	680	0.206	ug/l #	79
94) Hexachlorobutadiene	13.707	225	443	0.322	ug/l	94

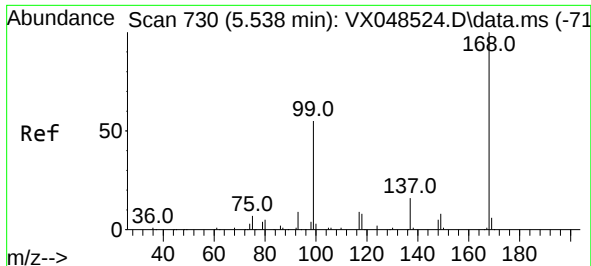
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Nov 14 22:21:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

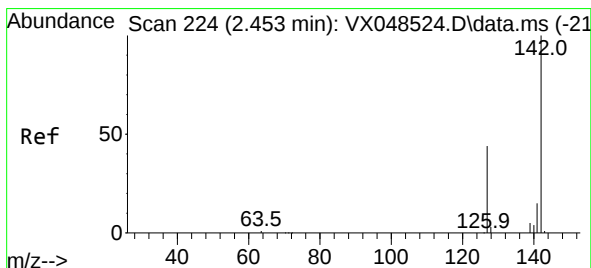
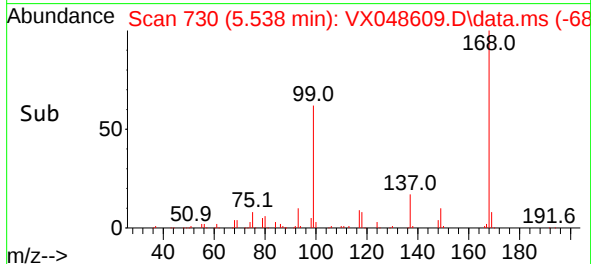
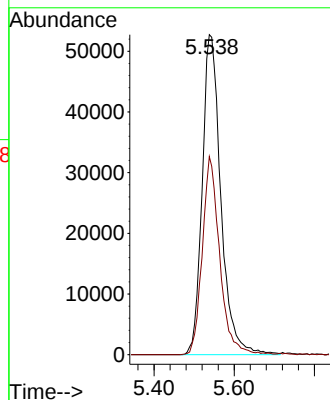
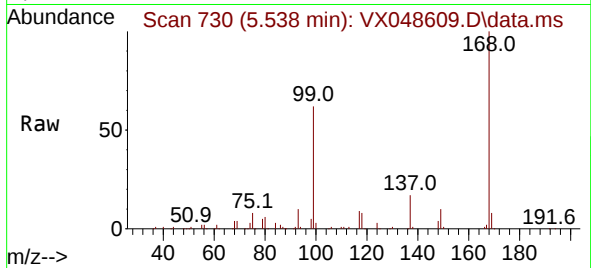




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

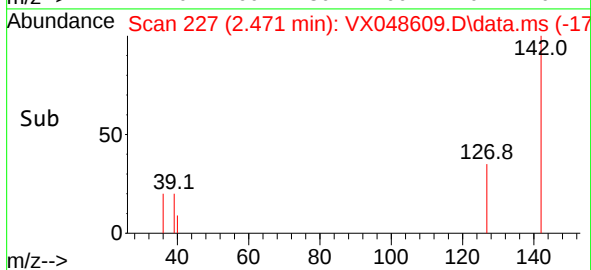
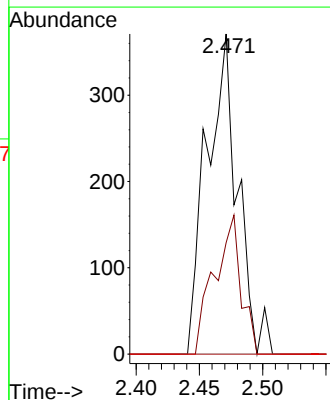
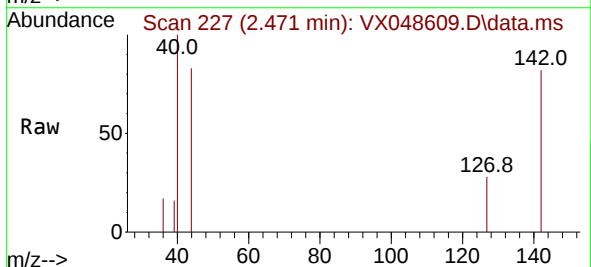
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

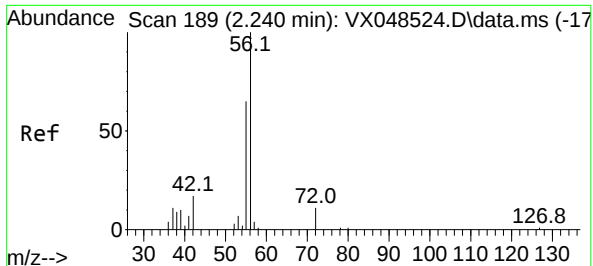
Tgt Ion:168 Resp: 170242
Ion Ratio Lower Upper
168 100
99 61.9 45.2 67.8



#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion:142 Resp: 633
Ion Ratio Lower Upper
142 100
127 37.3 35.8 53.6
141 0.0 11.4 17.0#

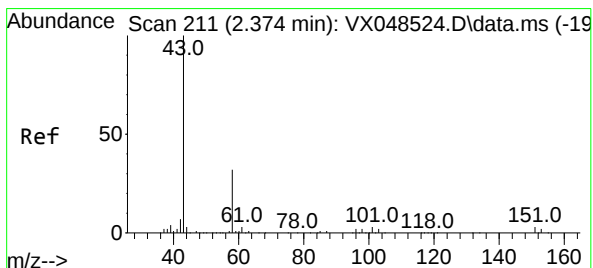
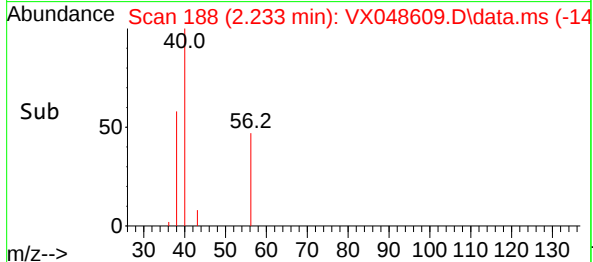
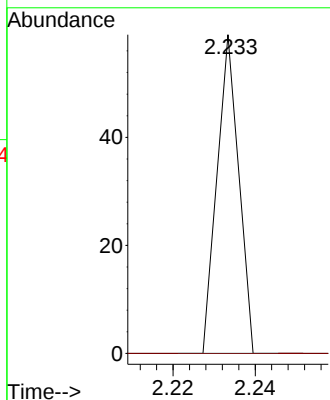
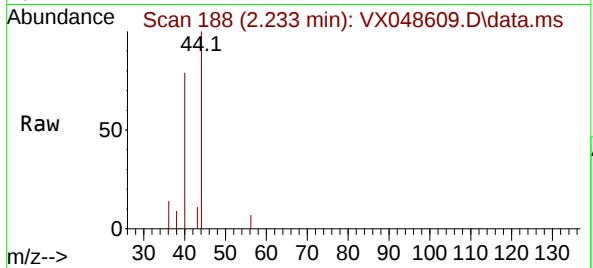




#13
Acrolein
Concen: 0.338 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

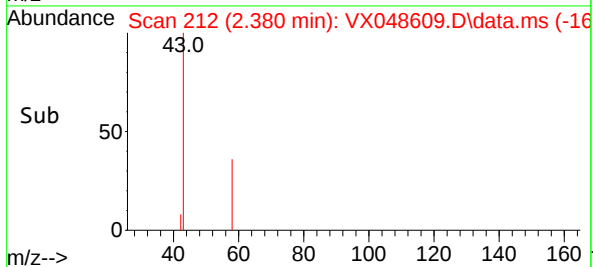
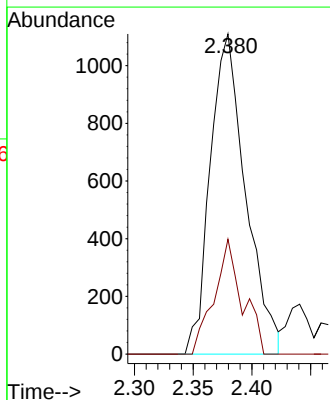
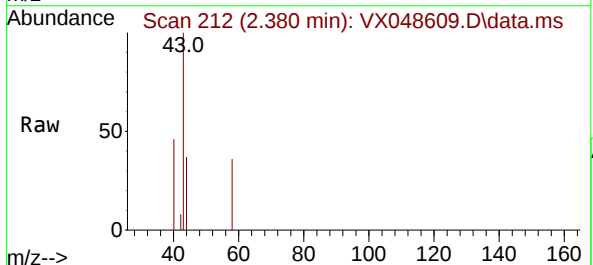
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

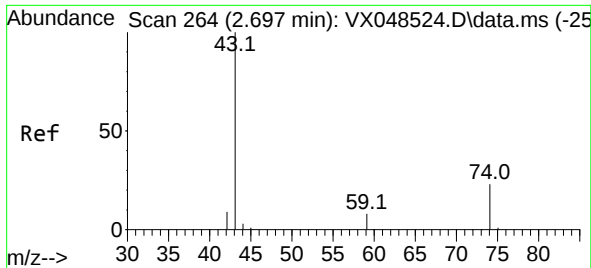
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 54.9 82.3#



#16
Acetone
Concen: 2.080 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 35.9 25.8 38.6

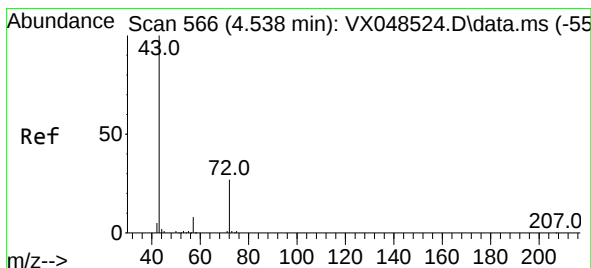
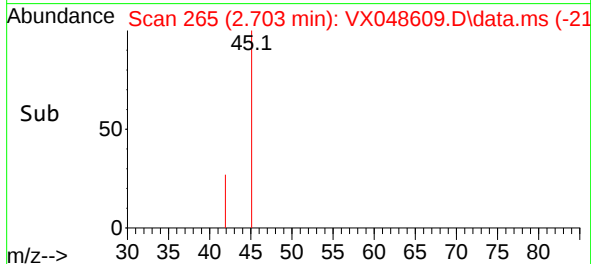
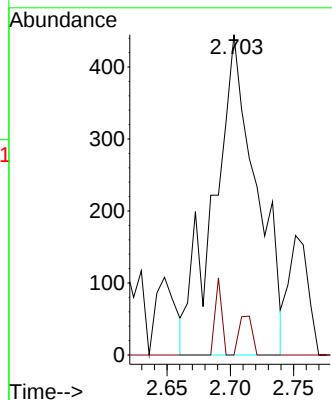
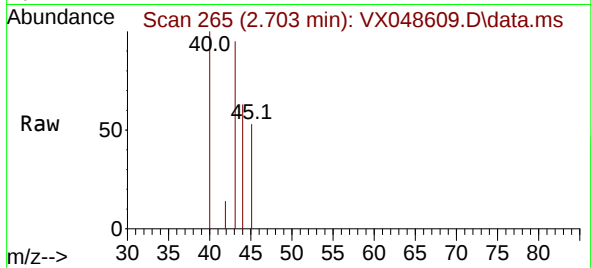




#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

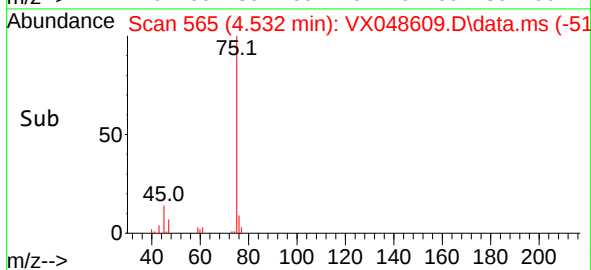
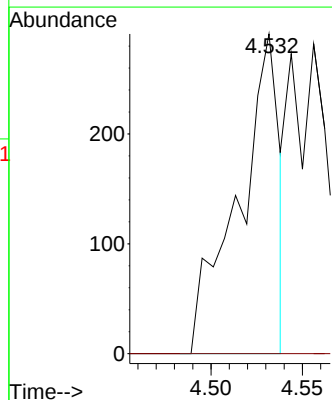
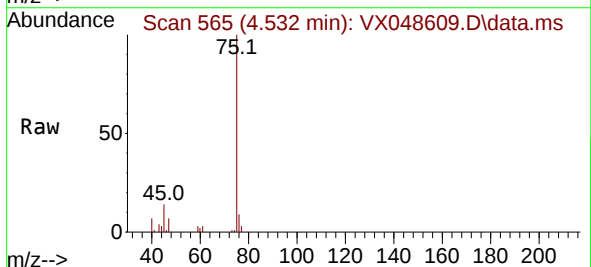
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

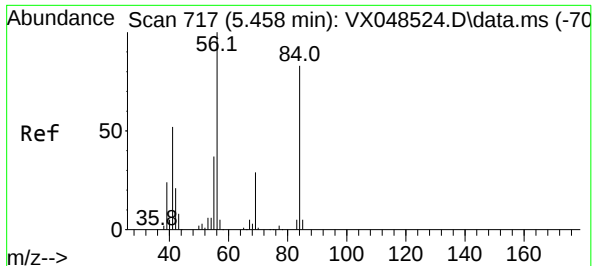
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
74 3.8 19.1 28.7#



#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#

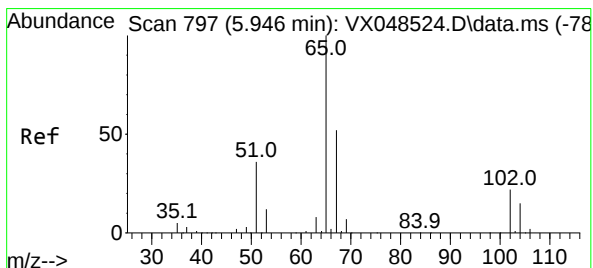
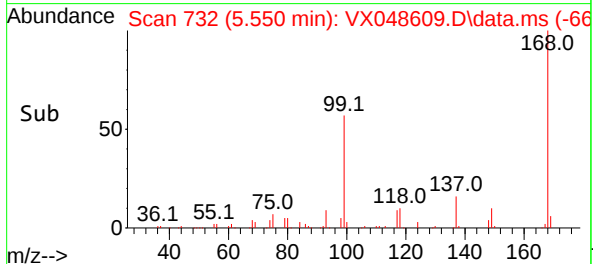
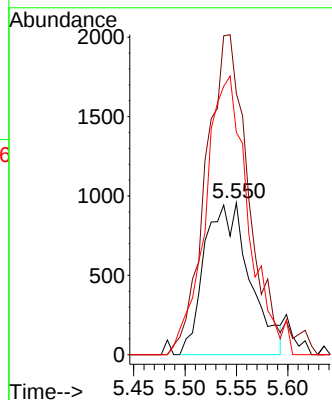
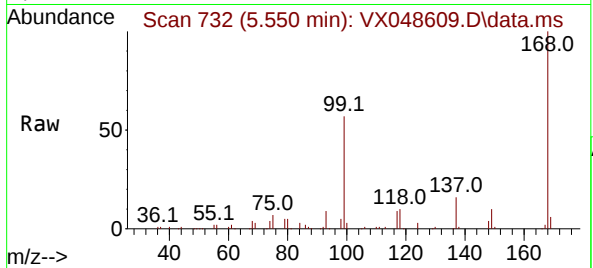




#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

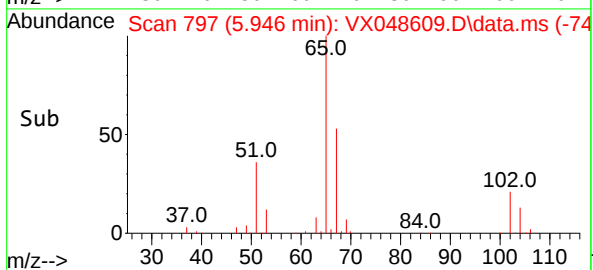
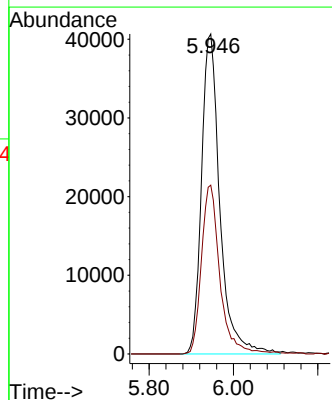
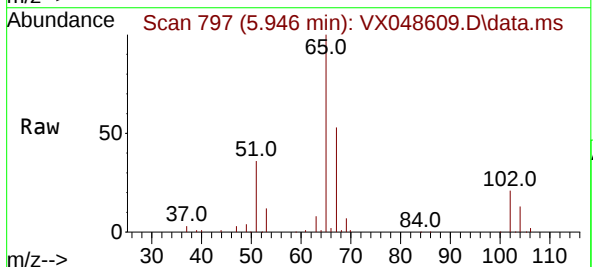
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

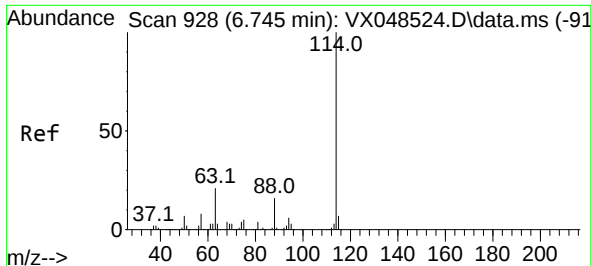
Tgt Ion: 56 Resp: 2931
Ion Ratio Lower Upper
56 100
69 160.3 23.4 35.2#
84 135.7 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 51.924 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 65 Resp: 123174
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.2

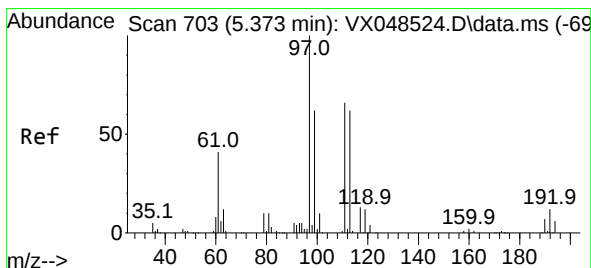
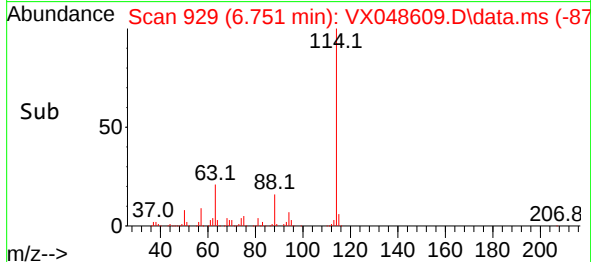
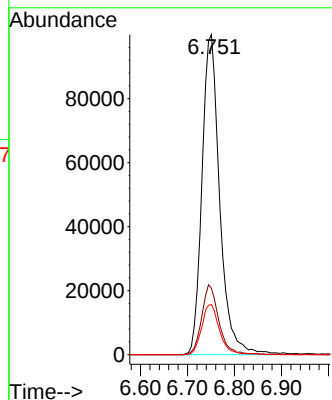
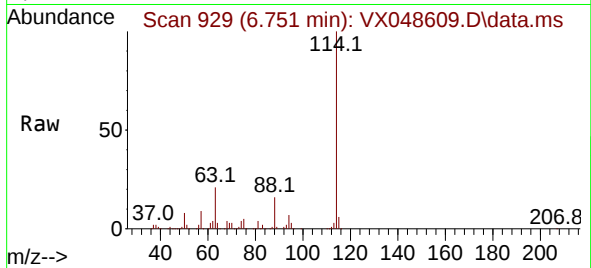




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

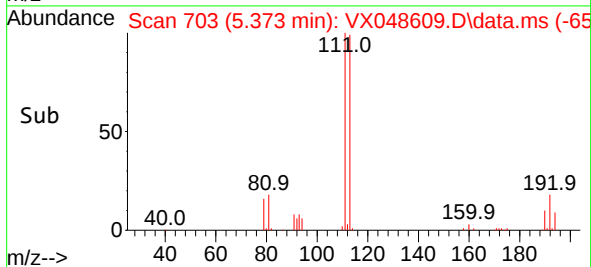
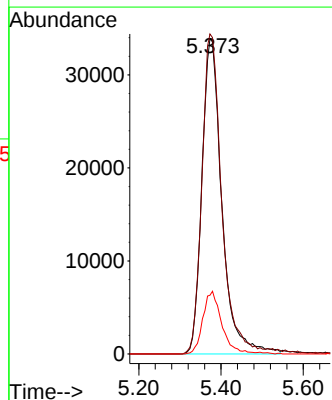
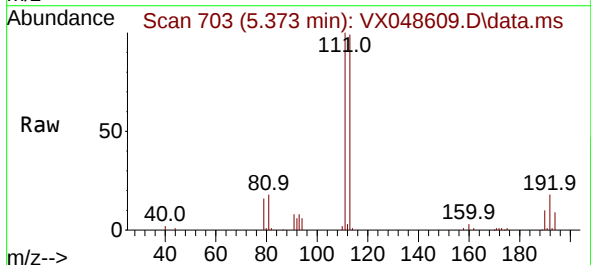
Instrument :
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STORAGE-BLANK-WATER-REF-5

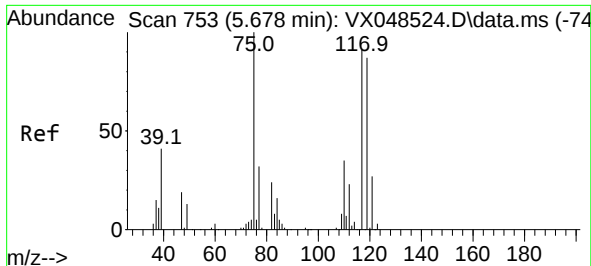
Tgt Ion:114 Resp: 262793
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.2
88 15.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 57.389 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion:113 Resp: 114145
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 18.8 15.8 23.6

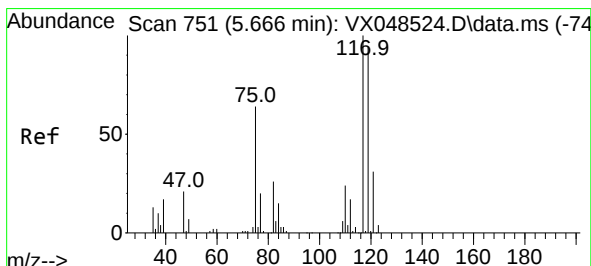
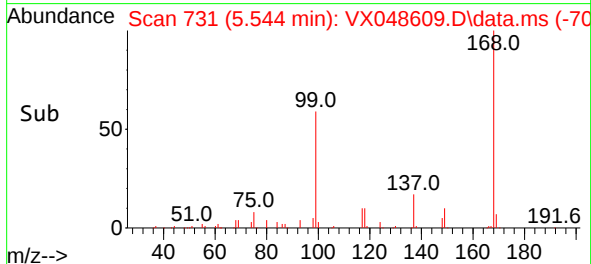
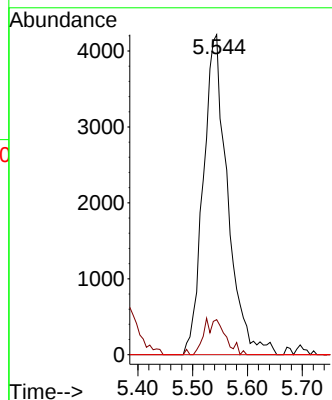
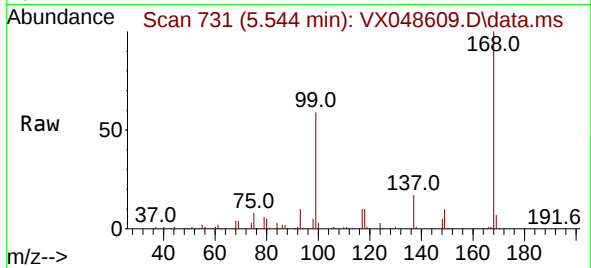




#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

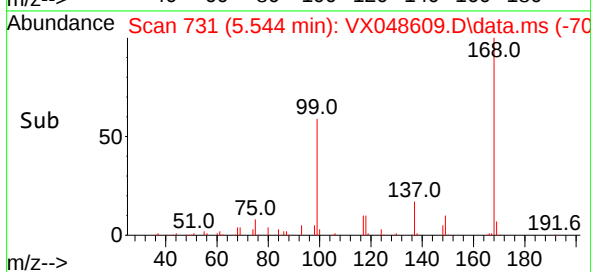
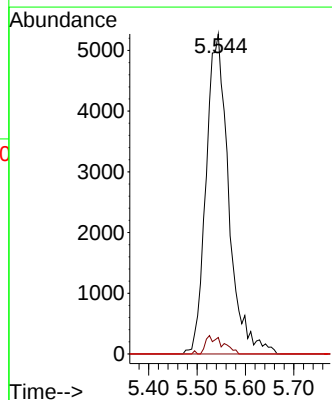
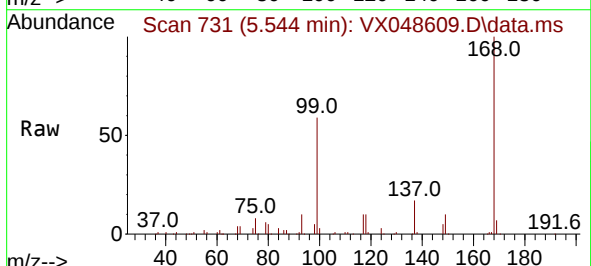
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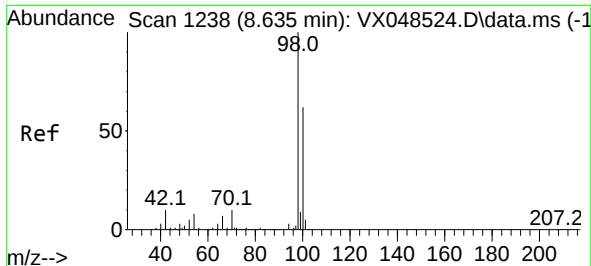
Tgt Ion: 75 Resp: 12980
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 117 Resp: 17087
Ion Ratio Lower Upper
117 100
119 5.2 74.5 111.7#
121 0.0 24.8 37.2#

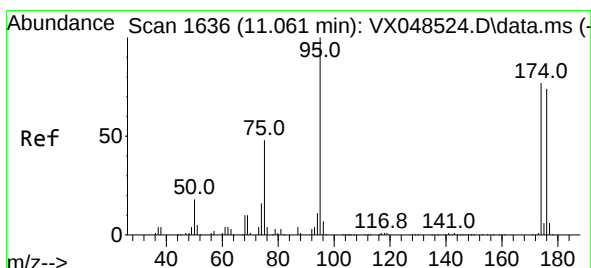
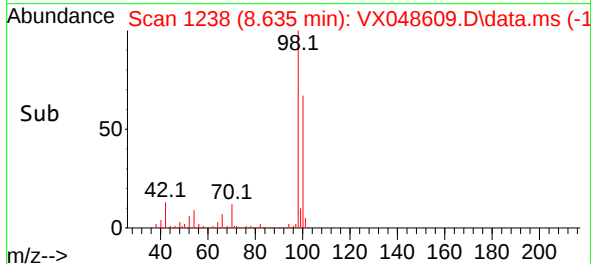
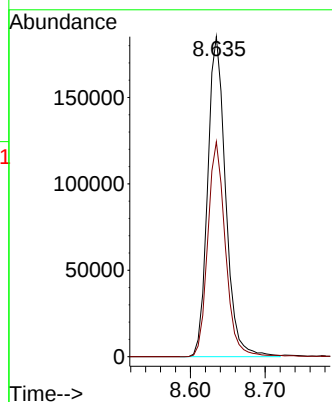
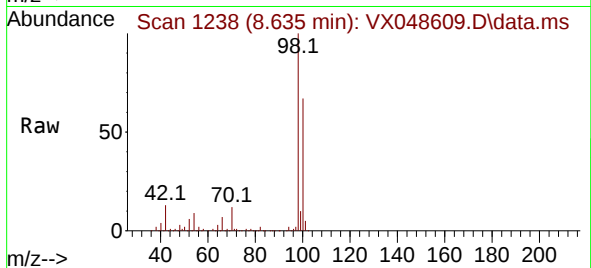




#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

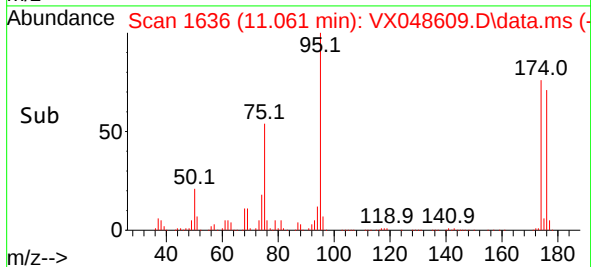
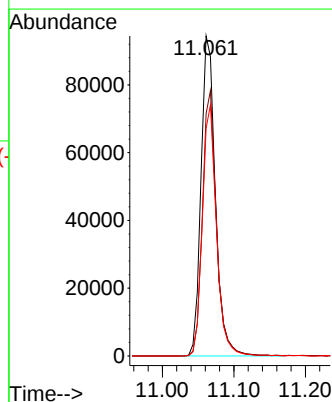
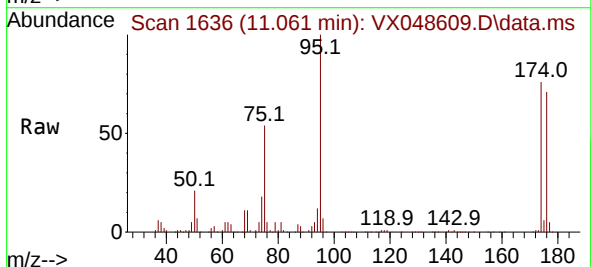
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

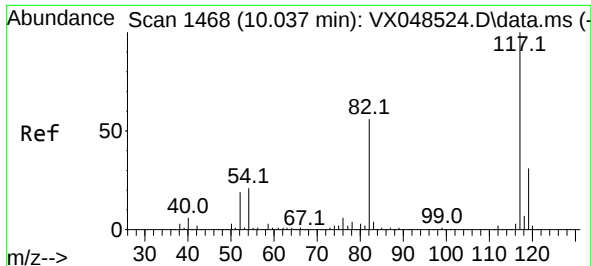
Tgt Ion: 98 Resp: 308613
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 57.001 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 95 Resp: 131774
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.8
176 77.2 0.0 153.6

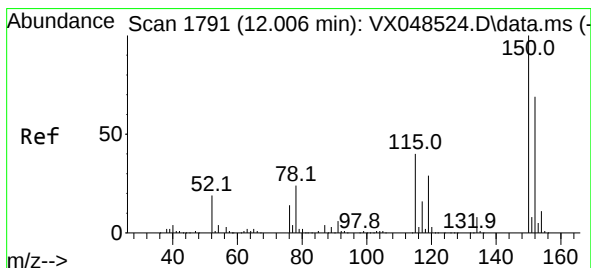
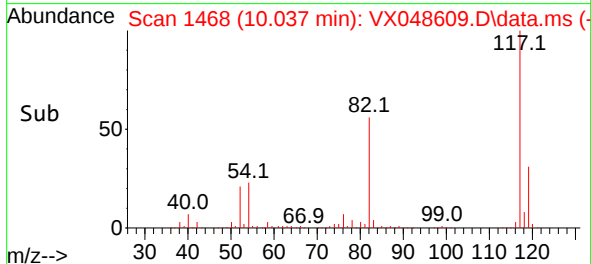
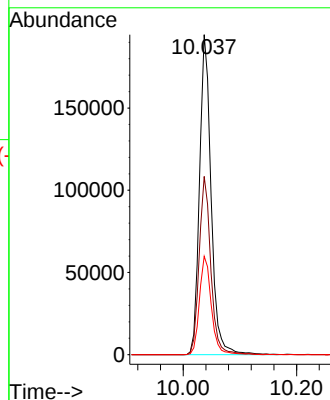
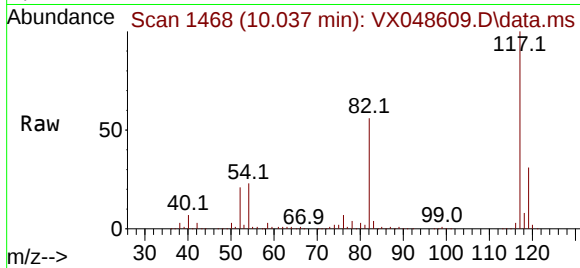




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

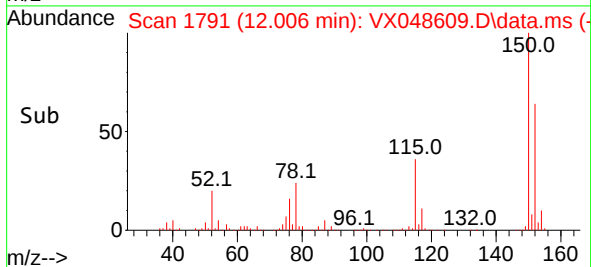
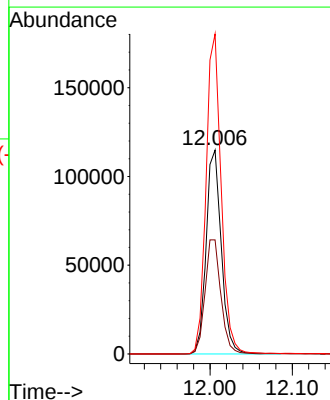
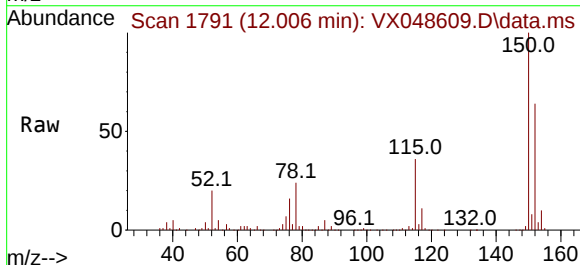
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

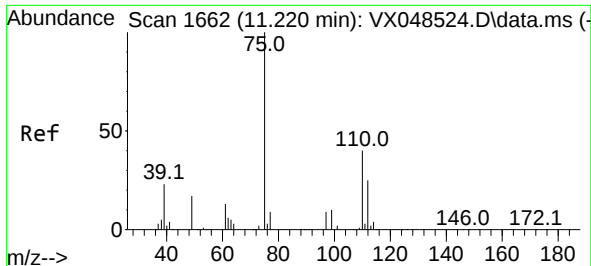
Tgt Ion:117 Resp: 276084
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion:152 Resp: 147078
Ion Ratio Lower Upper
152 100
115 58.5 39.2 117.6
150 156.2 0.0 347.0

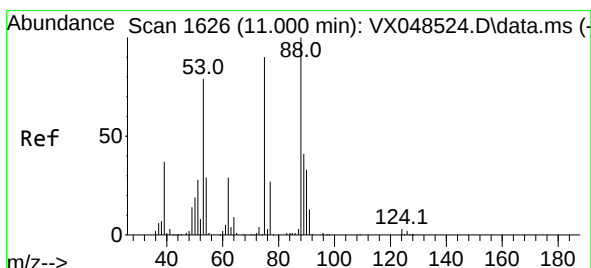
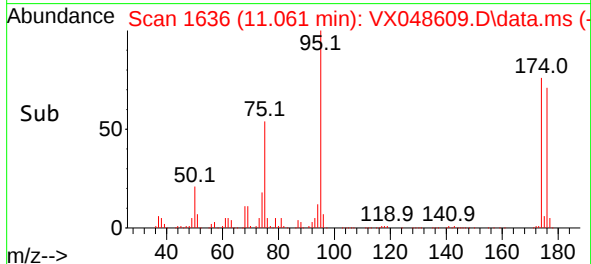
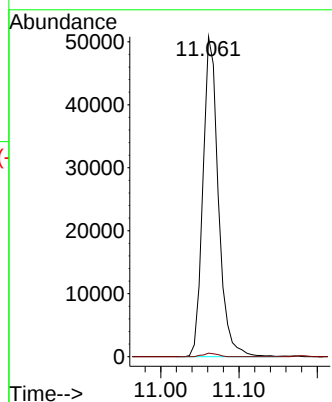
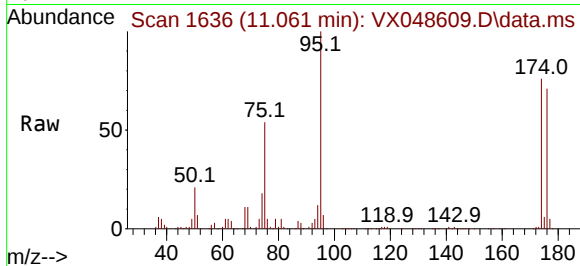




#76
1,2,3-Trichloropropane
Concen: 19.644 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

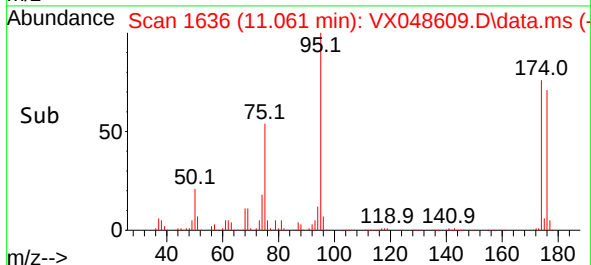
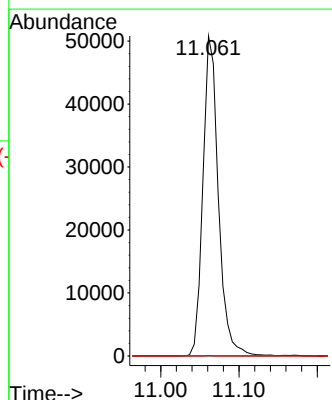
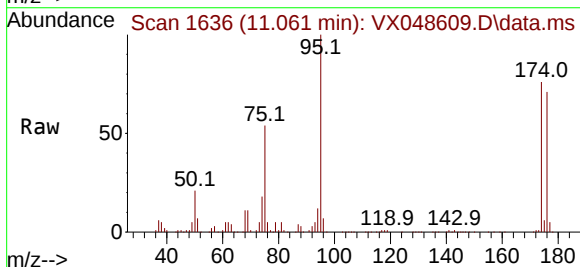
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

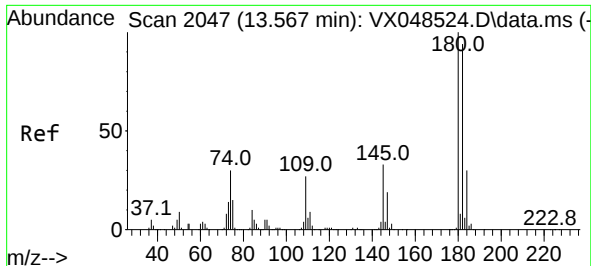
Tgt Ion: 75 Resp: 69607
Ion Ratio Lower Upper
75 100
77 1.0 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.190 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048609.D
Acq: 14 Nov 2025 15:00

Tgt Ion: 75 Resp: 69607
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#

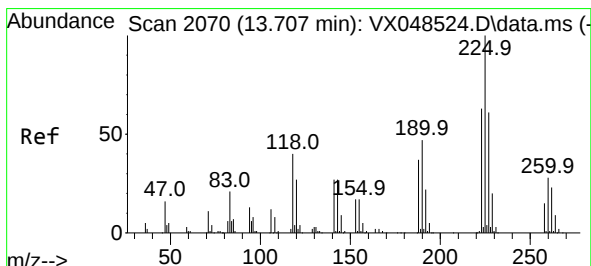
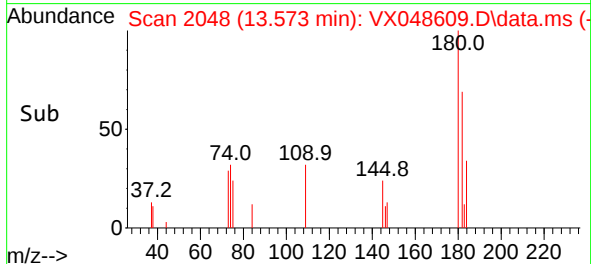
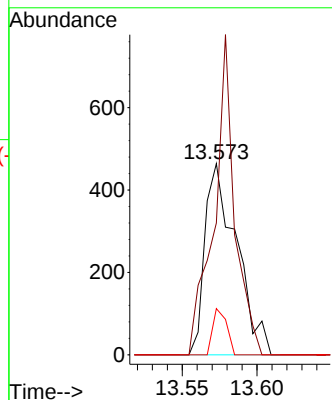
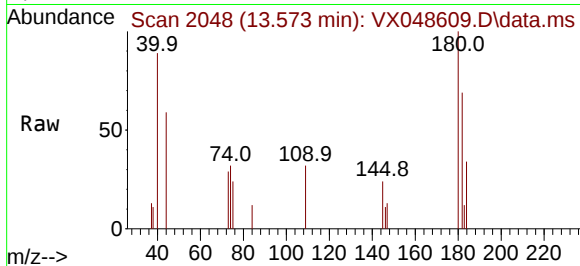




#93
 1,2,4-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 13.573 min Scan# 2048
 Delta R.T. 0.006 min
 Lab File: VX048609.D
 Acq: 14 Nov 2025 15:00

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

Tgt Ion:180	Resp:	680
Ion Ratio	Lower	Upper
180	100	
182	109.6	47.5 142.6
145	10.6	15.9 47.7#



#94
 Hexachlorobutadiene
 Concen: 0.322 ug/l
 RT: 13.707 min Scan# 2070
 Delta R.T. -0.000 min
 Lab File: VX048609.D
 Acq: 14 Nov 2025 15:00

Tgt Ion:225	Resp:	443
Ion Ratio	Lower	Upper
225	100	
223	55.5	30.6 92.0
227	61.9	32.5 97.4

