

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048298.D
 Acq On : 22 Oct 2025 15:09
 Operator : JC/MD
 Sample : Q3373-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 24 05:55:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

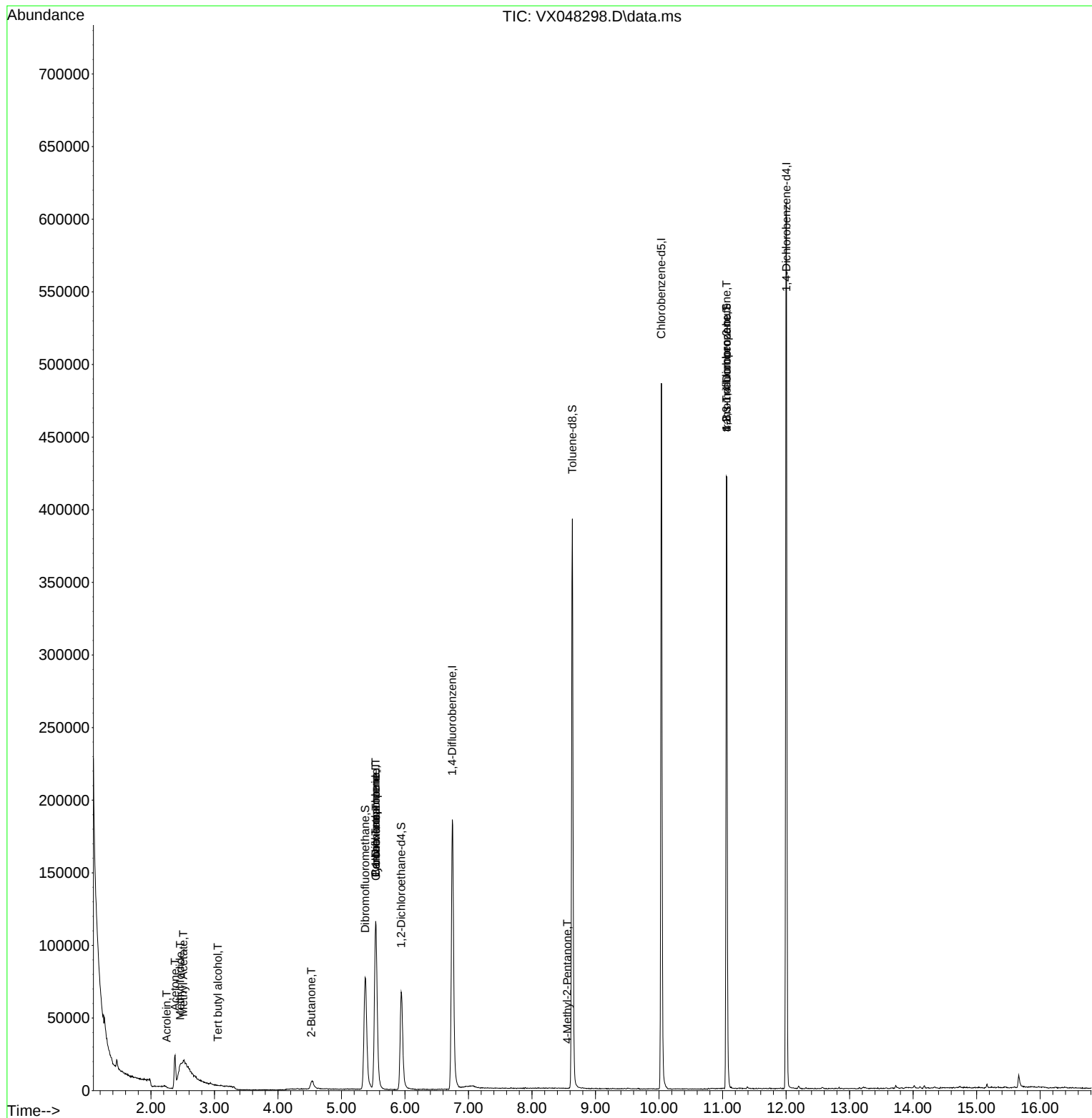
Internal Standards						
1) Pentafluorobenzene	5.538	168	120615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	206915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	75377	44.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.140%		
35) Dibromofluoromethane	5.373	113	76126	53.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.780%		
50) Toluene-d8	8.635	98	243271	49.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.061	95	121217	64.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	128.700%#		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	2450	1.497	ug/l	88
11) Tert butyl alcohol	3.050	59	44	0.262	ug/l #	72
13) Acrolein	2.245	56	173	1.010	ug/l	95
16) Acetone	2.380	43	27920	48.126	ug/l	93
18) Methyl Acetate	2.508	43	32565	26.878	ug/l #	54
25) 2-Butanone	4.526	43	392	0.534	ug/l #	50
31) Cyclohexane	5.544	56	2203	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8918	4.442	ug/l #	52
38) Carbon Tetrachloride	5.538	117	12258	4.949	ug/l #	15
51) 4-Methyl-2-Pentanone	8.555	43	636	0.404	ug/l #	38
76) 1,2,3-Trichloropropane	11.061	75	63146	29.721	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	63146	72.310	ug/l #	10

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

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STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 24 05:55:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

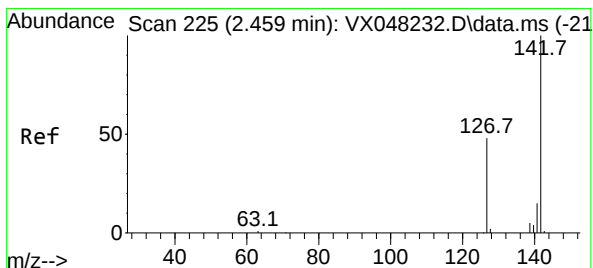
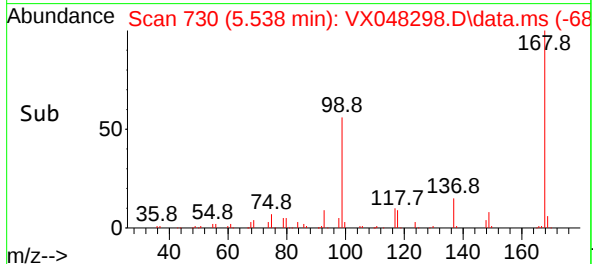
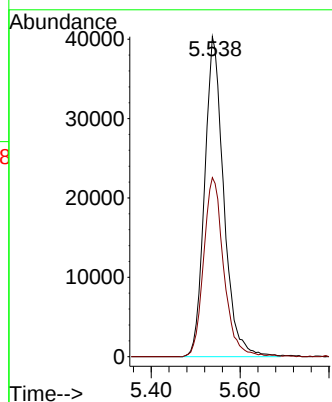
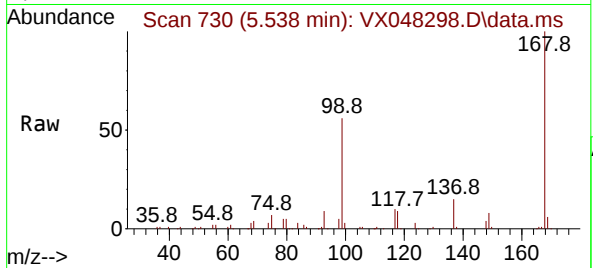




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

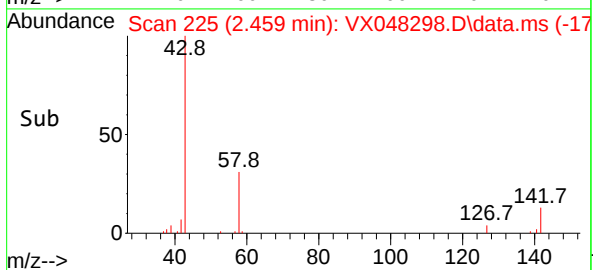
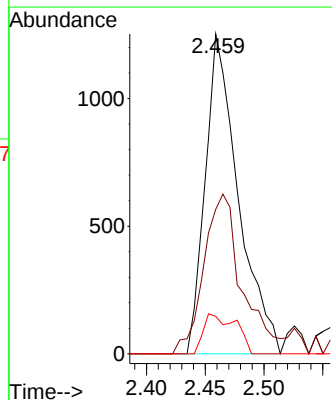
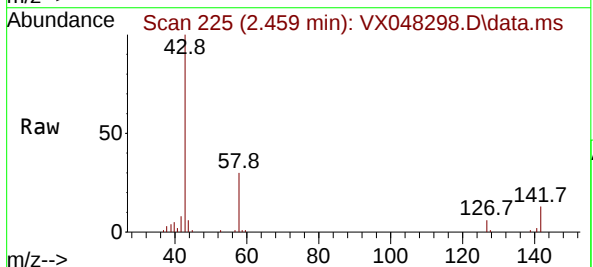
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

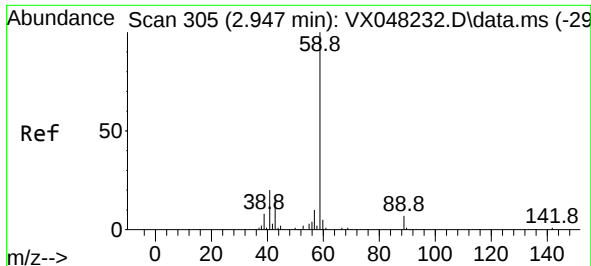
Tgt Ion:168 Resp: 120615
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#10
Methyl Iodide
Concen: 1.497 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion:142 Resp: 2450
Ion Ratio Lower Upper
142 100
127 57.4 38.5 57.7
141 12.1 11.6 17.4

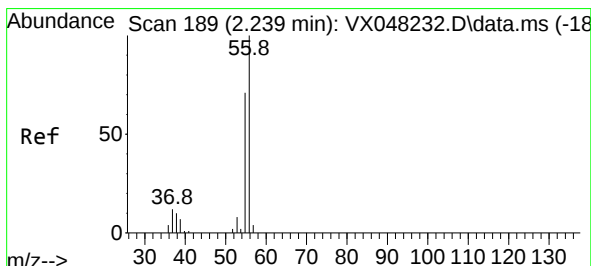
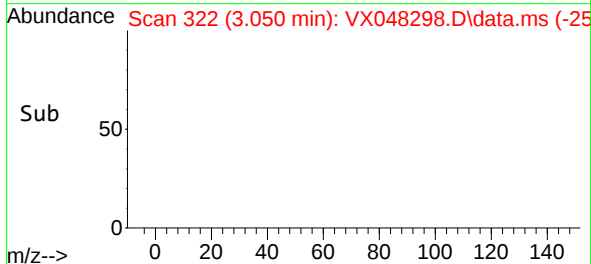
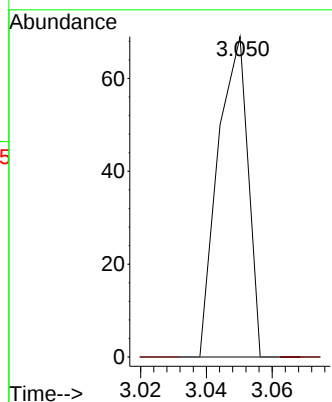
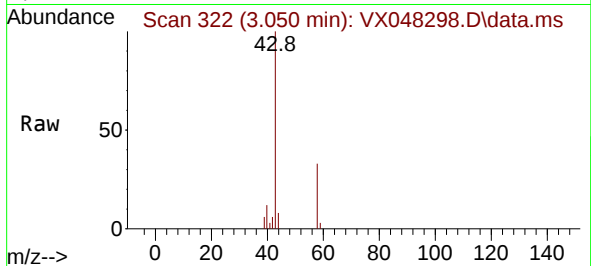




#11
Tert butyl alcohol
Concen: 0.262 ug/l
RT: 3.050 min Scan# 31
Delta R.T. 0.110 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

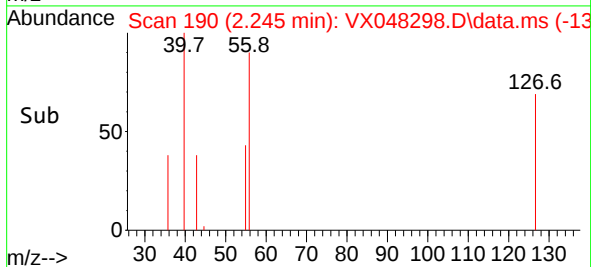
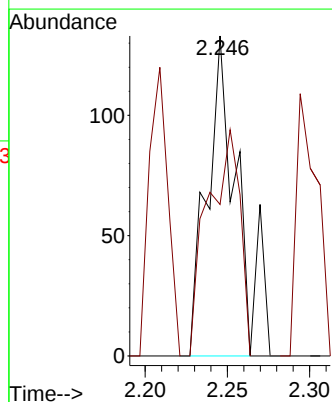
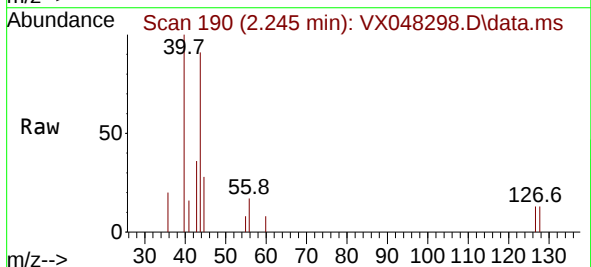
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

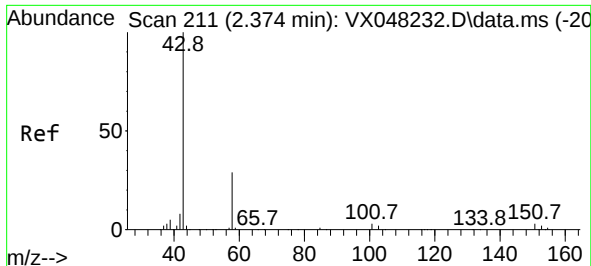
Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.010 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 74.0 56.1 84.1

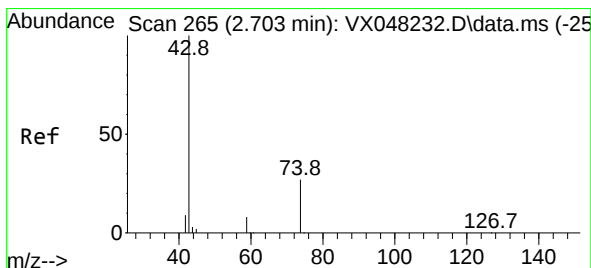
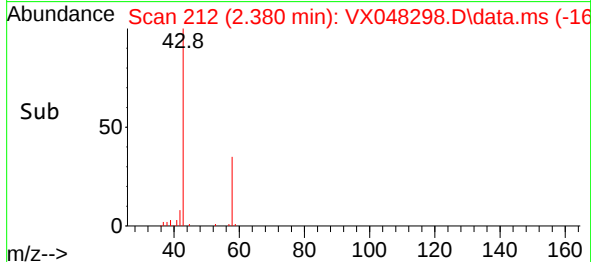
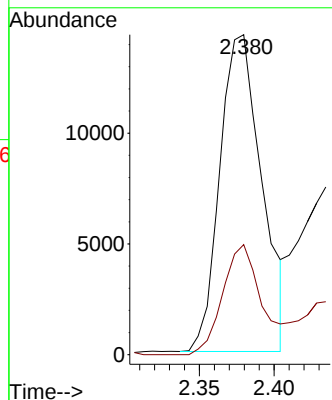
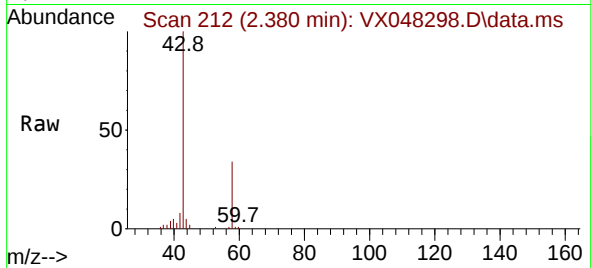




#16
Acetone
Concen: 48.126 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

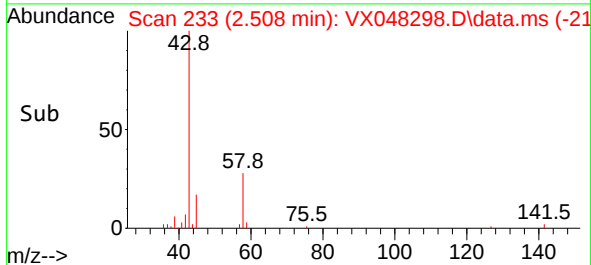
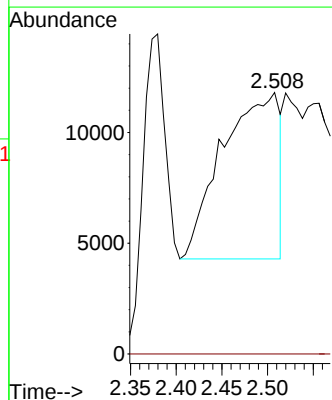
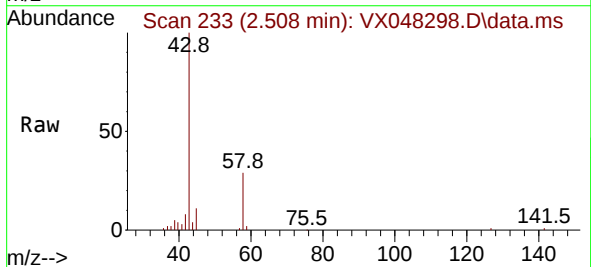
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

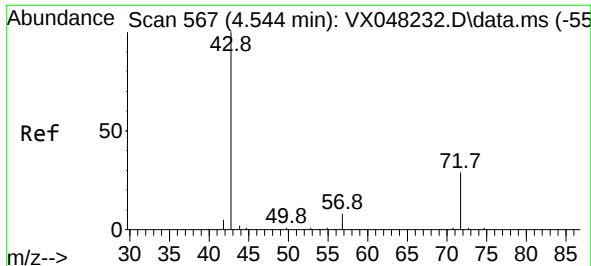
Tgt Ion: 43 Resp: 27920
Ion Ratio Lower Upper
43 100
58 33.0 23.4 35.2



#18
Methyl Acetate
Concen: 26.878 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.189 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 43 Resp: 32565
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

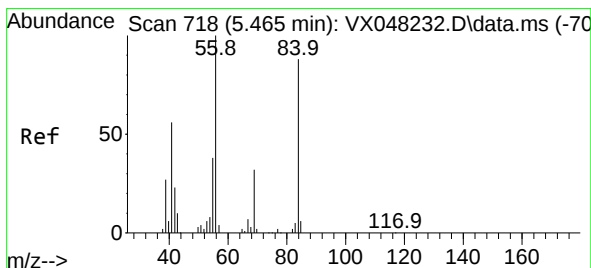
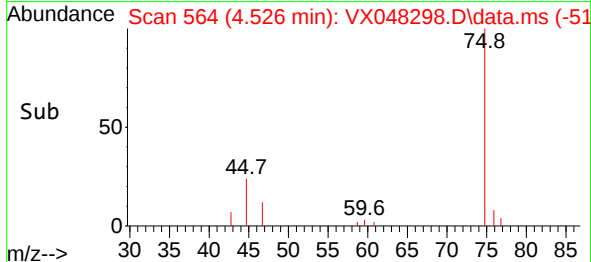
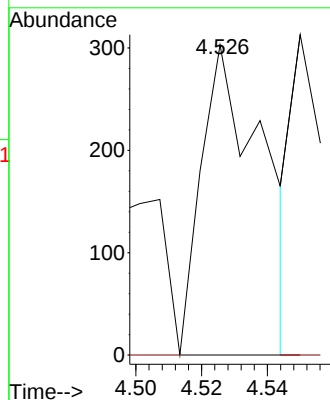
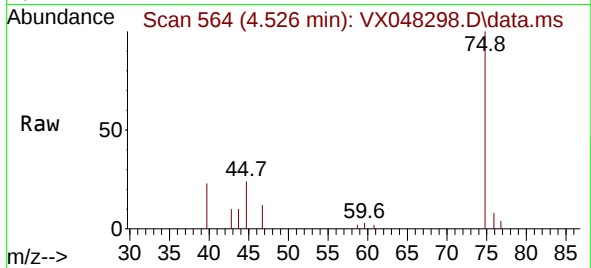




#25
2-Butanone
Concen: 0.534 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

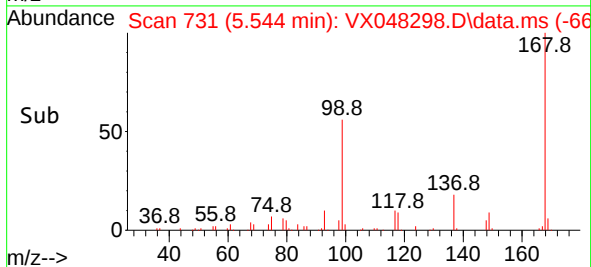
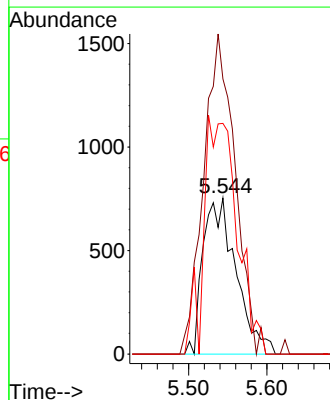
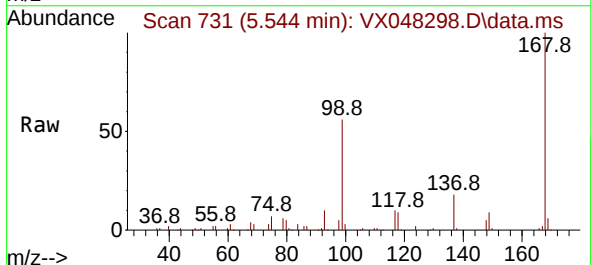
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

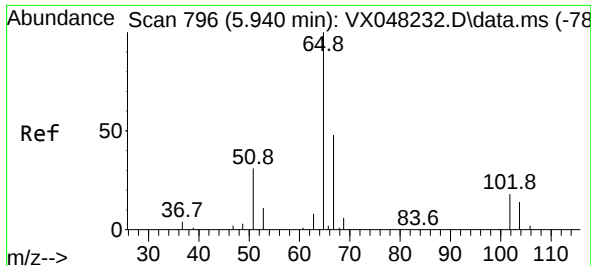
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 176.5 23.0 34.6#
84 147.9 64.6 97.0#

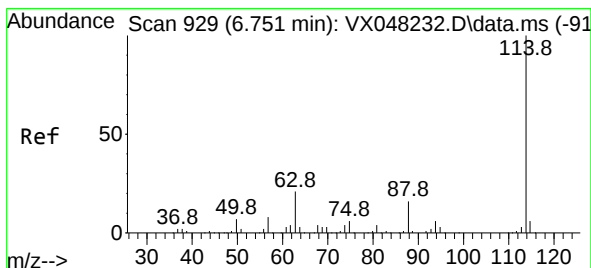
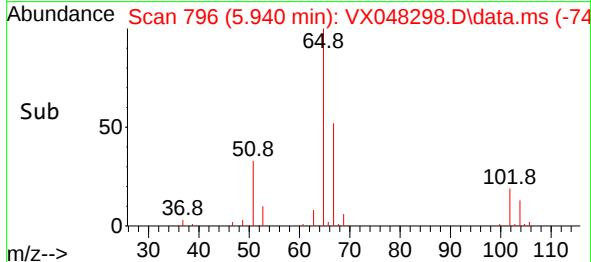
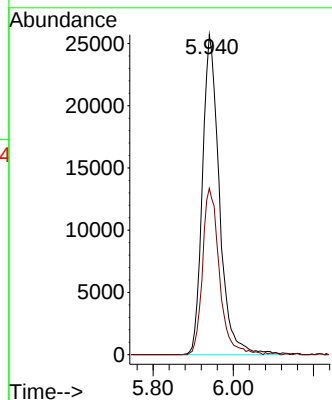
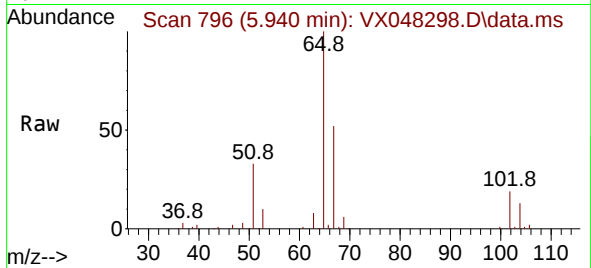




#33
 1,2-Dichloroethane-d4
 Concen: 44.573 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048298.D
 Acq: 22 Oct 2025 15:09

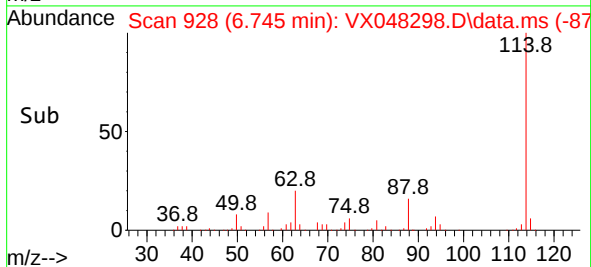
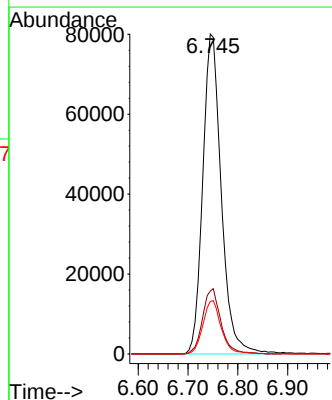
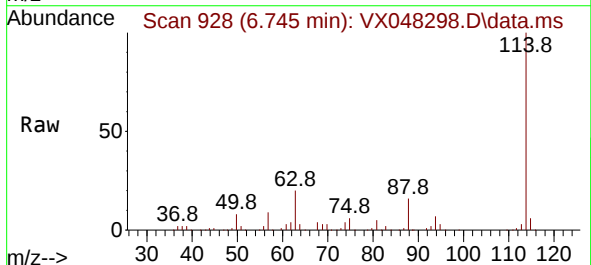
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-4

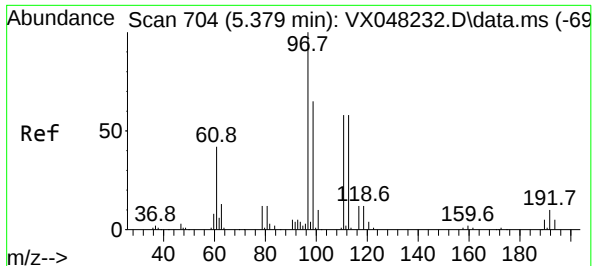
Tgt Ion: 65 Resp: 75377
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048298.D
 Acq: 22 Oct 2025 15:09

Tgt Ion: 114 Resp: 206915
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 16.9 0.0 33.6

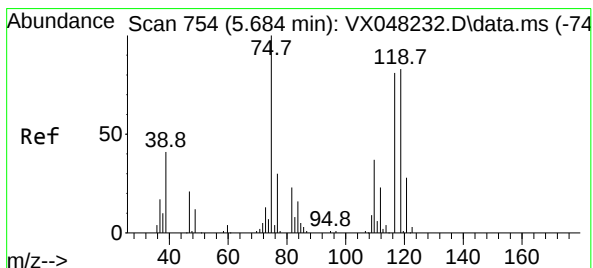
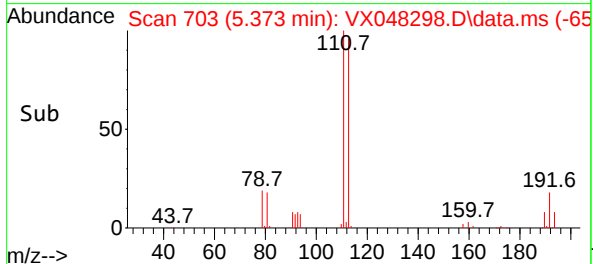
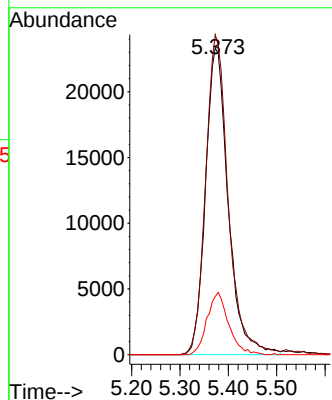
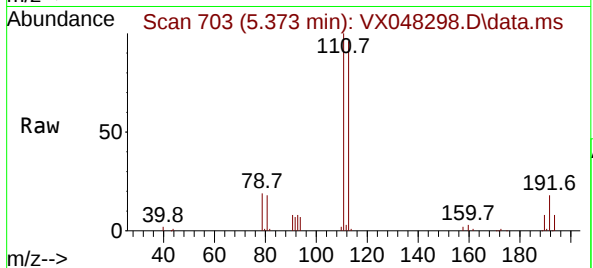




#35
Dibromofluoromethane
Concen: 53.891 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

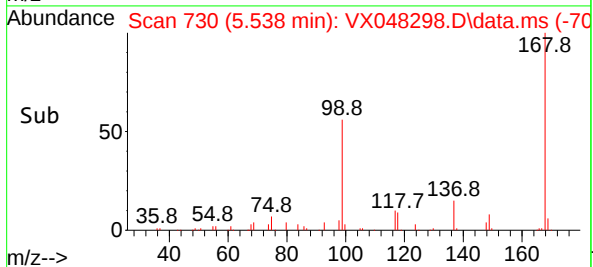
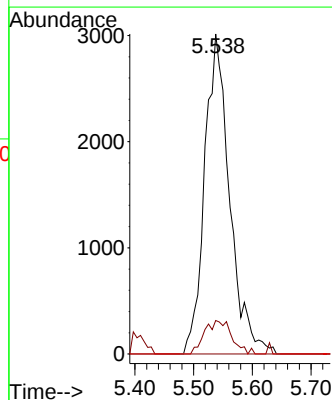
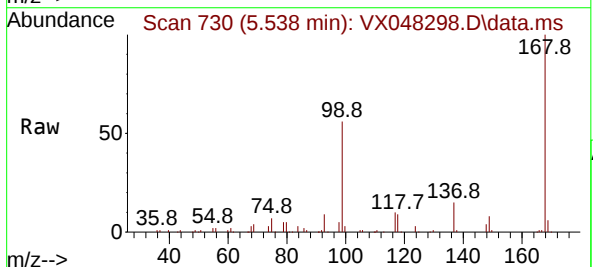
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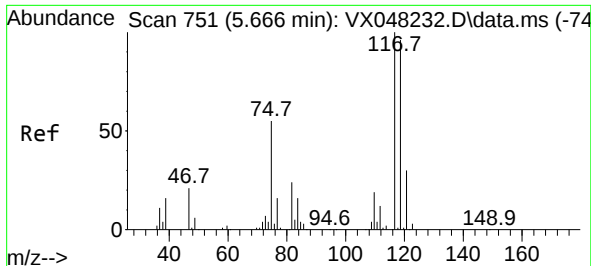
Tgt Ion:113 Resp: 76126
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

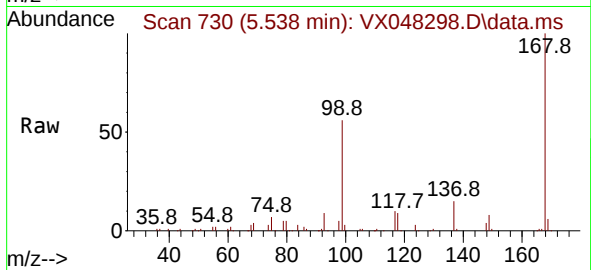
Tgt Ion: 75 Resp: 8918
Ion Ratio Lower Upper
75 100
110 11.4 17.7 53.1#
77 0.0 24.3 36.5#



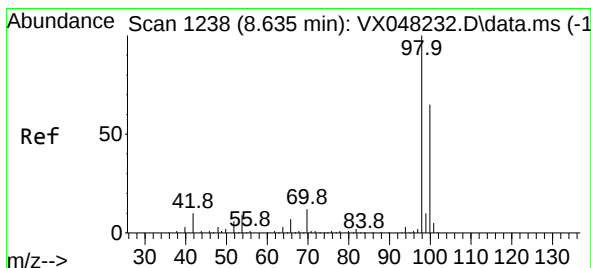
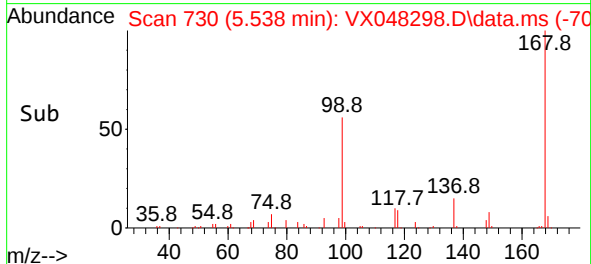
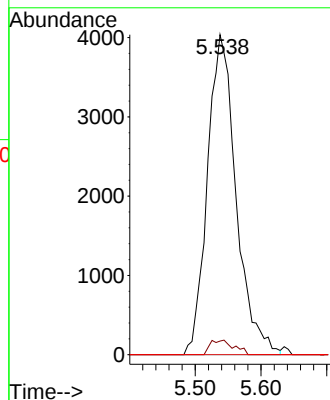


#38
Carbon Tetrachloride
Concen: 4.949 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

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

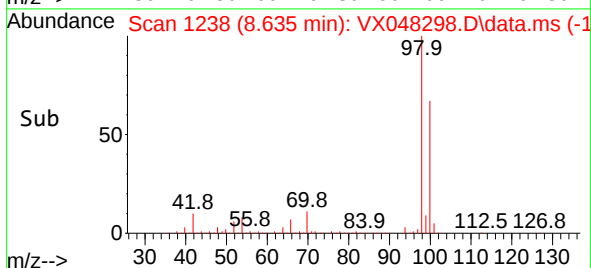
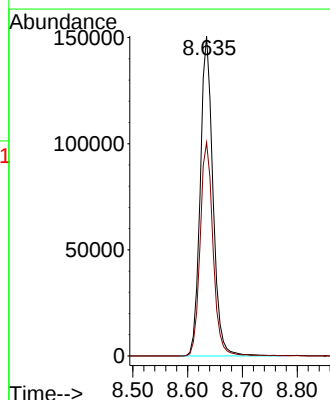
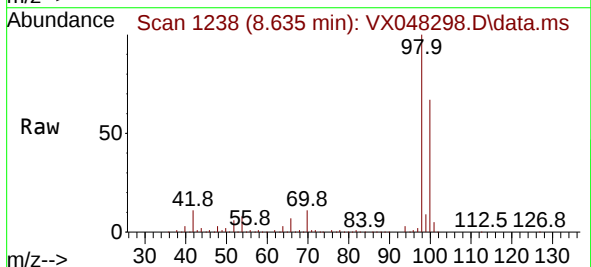


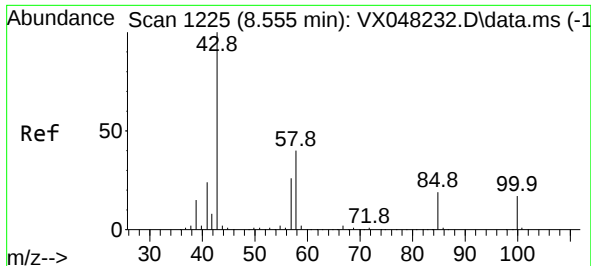
Tgt Ion:117 Resp: 12258
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.133 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 98 Resp: 243271
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4

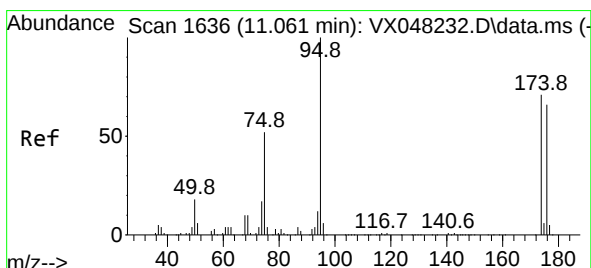
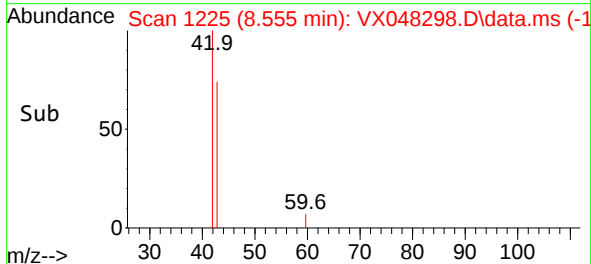
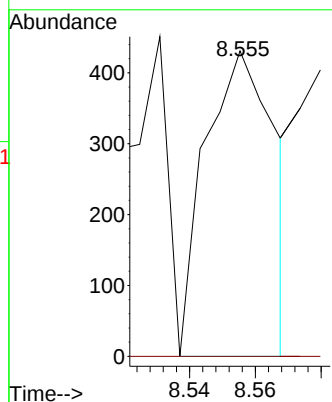
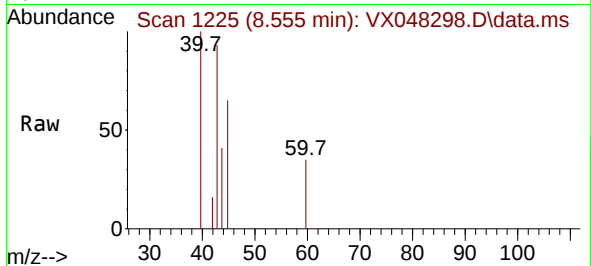




#51
4-Methyl-2-Pentanone
Concen: 0.404 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

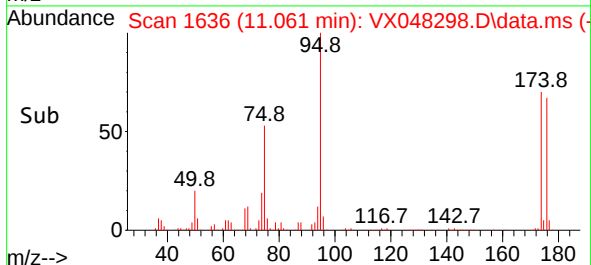
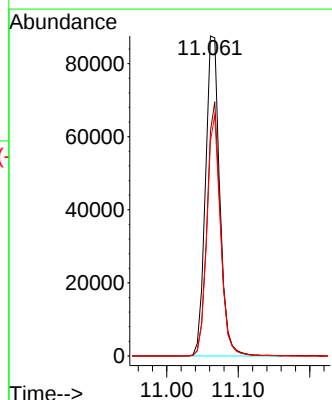
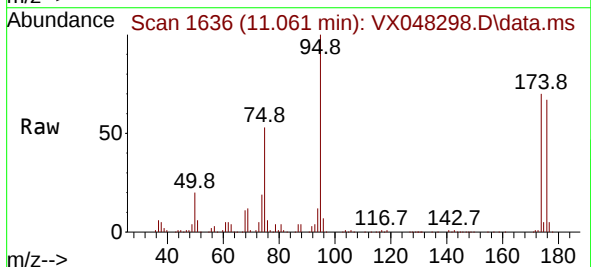
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

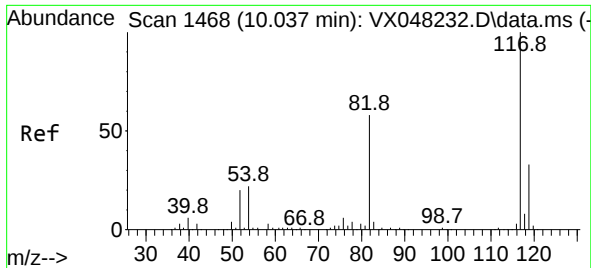
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 64.353 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 95 Resp: 121217
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.8
176 71.7 0.0 142.8

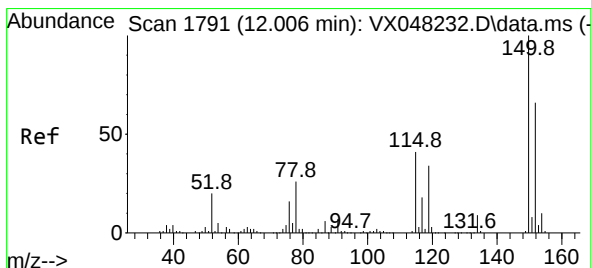
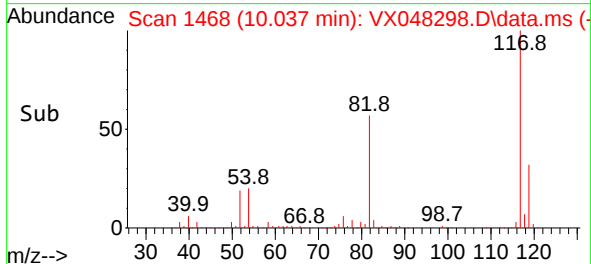
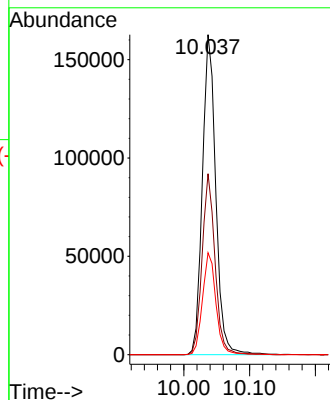
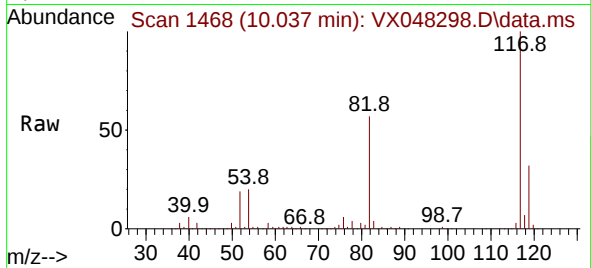




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

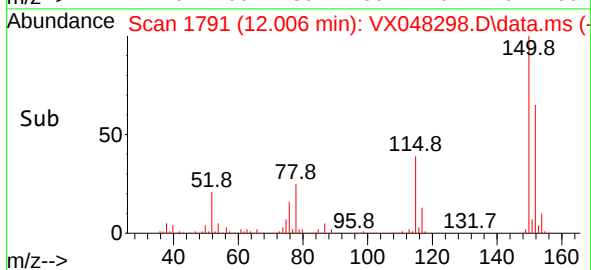
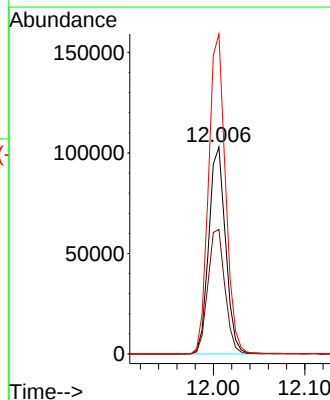
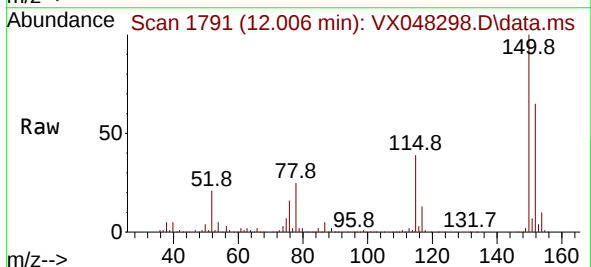
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

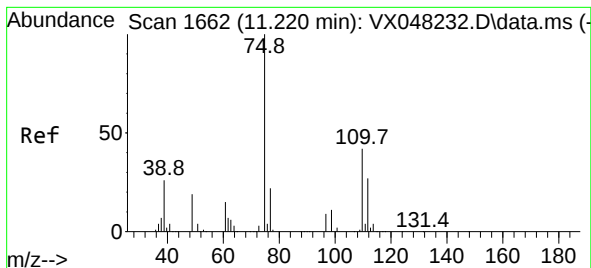
Tgt Ion:117 Resp: 230652
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion:152 Resp: 131014
Ion Ratio Lower Upper
152 100
115 61.3 43.1 129.4
150 156.1 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.721 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048298.D

Acq: 22 Oct 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

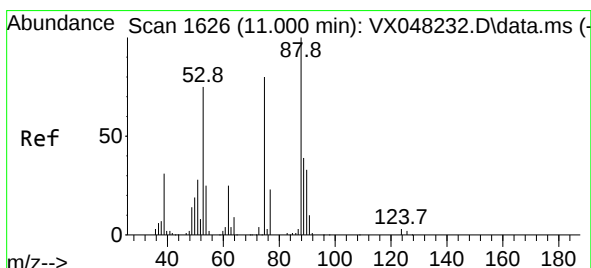
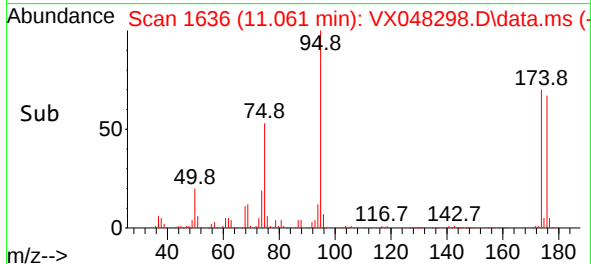
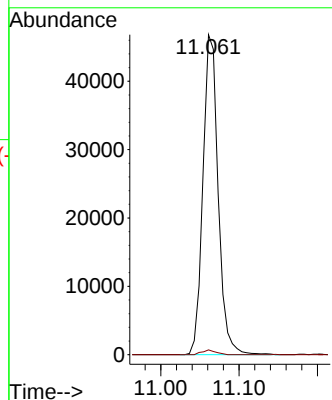
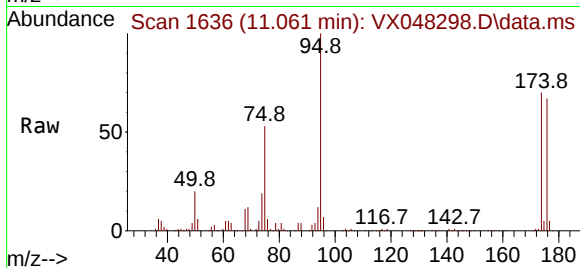
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 63146

Ion Ratio Lower Upper

75 100

77 1.4 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.310 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048298.D

Acq: 22 Oct 2025 15:09

Tgt Ion: 75 Resp: 63146

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 36.8 55.2#

