

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048679.D
 Acq On : 25 Nov 2025 13:00
 Operator : JC/MD
 Sample : Q3715-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW7

Quant Time: Nov 26 01:00:07 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)

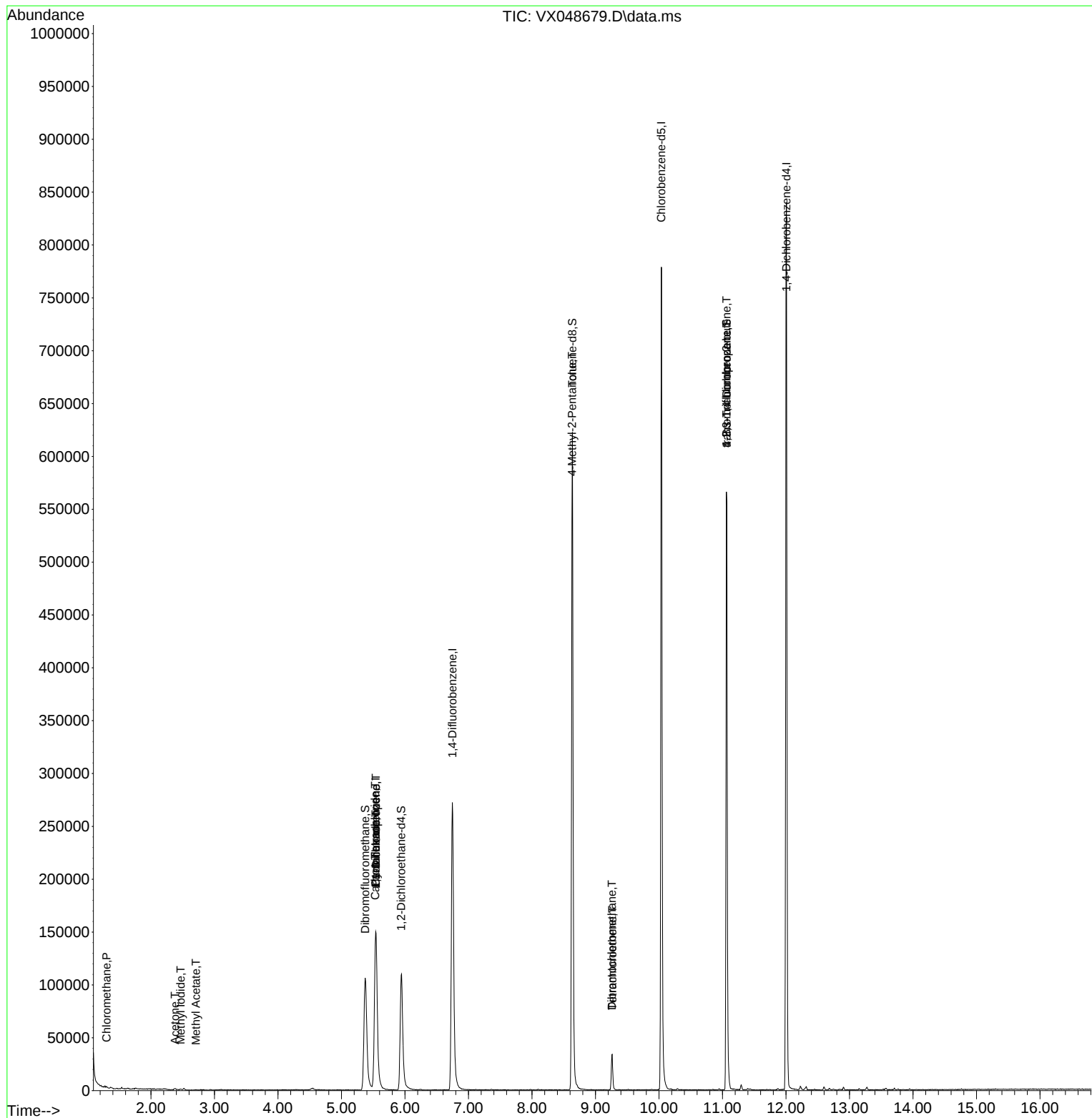
Internal Standards						
1) Pentafluorobenzene	5.538	168	166997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	305521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	379381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	188892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119607	51.400	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.373	113	108925	47.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.220%			
50) Toluene-d8	8.635	98	397876	55.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.340%			
62) 4-Bromofluorobenzene	11.061	95	161369	60.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.080%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	930	0.518	ug/l #	80
10) Methyl Iodide	2.465	142	769	0.279	ug/l #	82
16) Acetone	2.380	43	1803	1.637	ug/l #	82
18) Methyl Acetate	2.709	43	680	0.225	ug/l #	59
31) Cyclohexane	5.538	56	3229	1.033	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11704	3.780	ug/l #	44
38) Carbon Tetrachloride	5.532	117	16448	4.666	ug/l #	18
51) 4-Methyl-2-Pentanone	8.629	43	1633	0.468	ug/l #	1
60) Dibromochloromethane	9.257	129	6987	2.819	ug/l #	11
64) Tetrachloroethene	9.263	164	7016	2.546	ug/l	93
76) 1,2,3-Trichloropropane	11.061	75	83965	18.451	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	83965	52.776	ug/l #	12

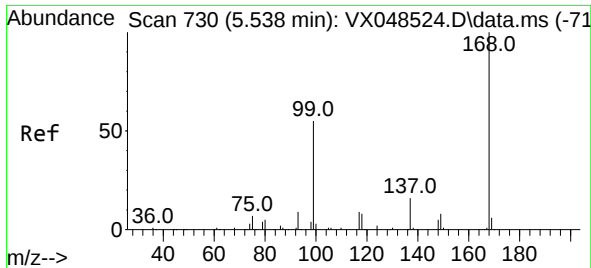
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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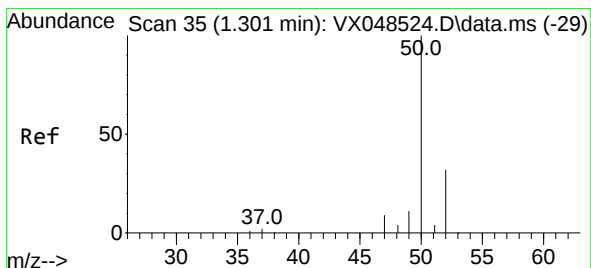
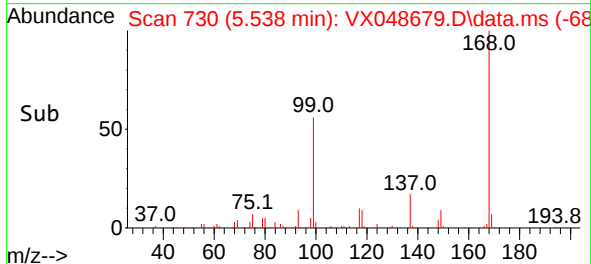
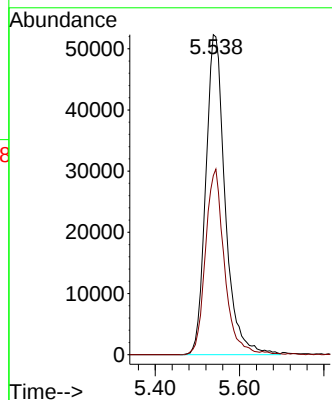
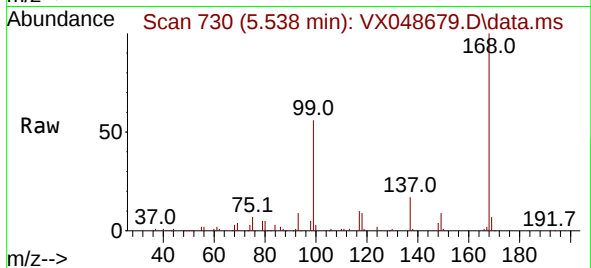




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

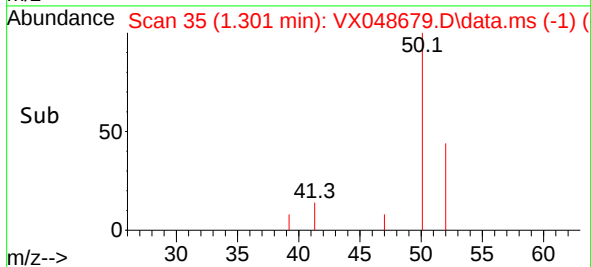
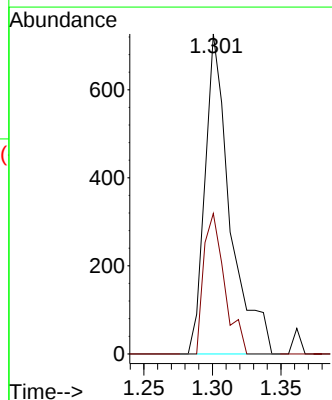
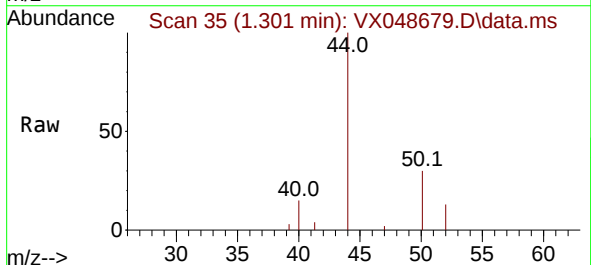
Instrument :
MSVOA_X
ClientSampleId :
MW7

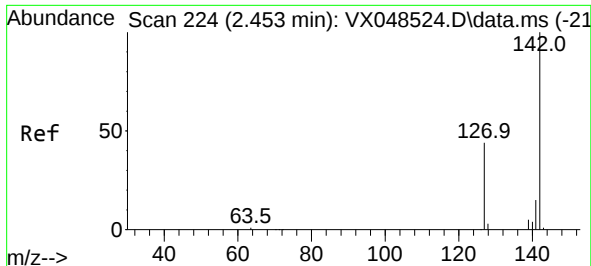
Tgt Ion:168 Resp: 166997
Ion Ratio Lower Upper
168 100
99 55.9 45.2 67.8



#3
Chloromethane
Concen: 0.518 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 43.9 26.0 39.0#

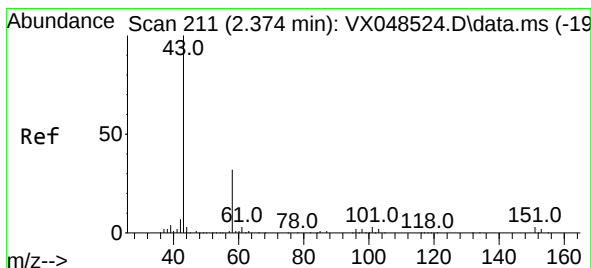
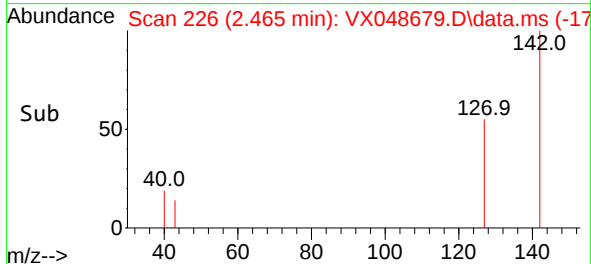
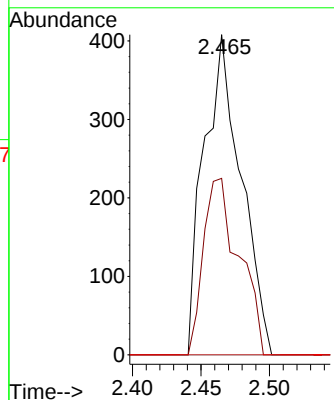
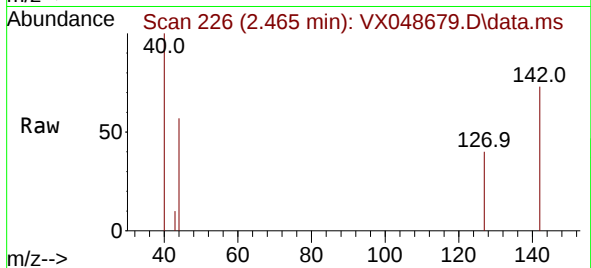




#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

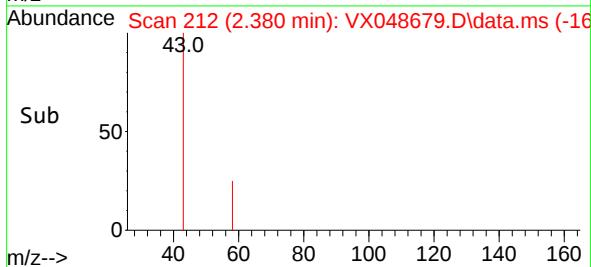
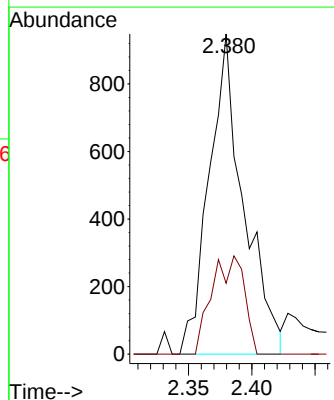
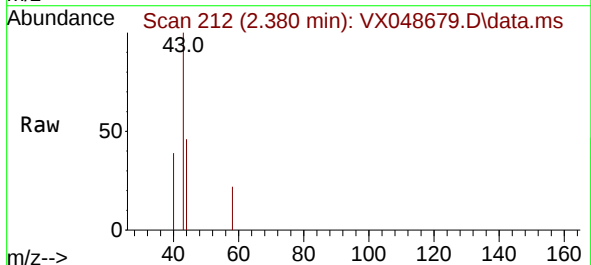
Instrument :
MSVOA_X
ClientSampleId :
MW7

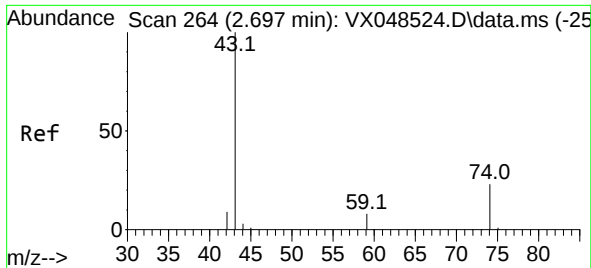
Tgt Ion:142 Resp: 769
Ion Ratio Lower Upper
142 100
127 52.9 35.8 53.6
141 0.0 11.4 17.0#



#16
Acetone
Concen: 1.637 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 22.2 25.8 38.6#

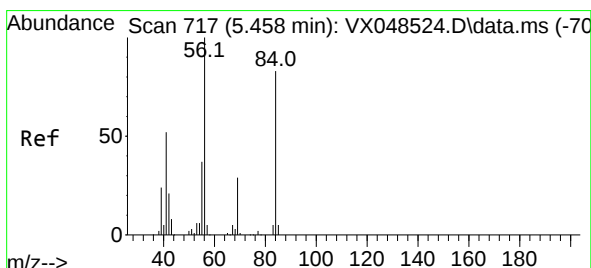
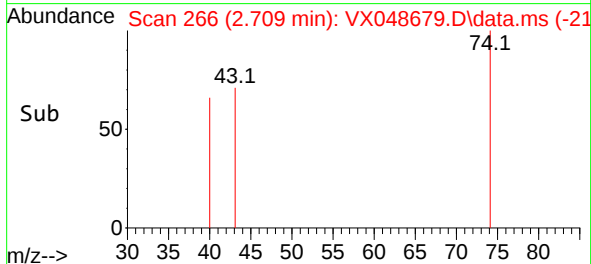
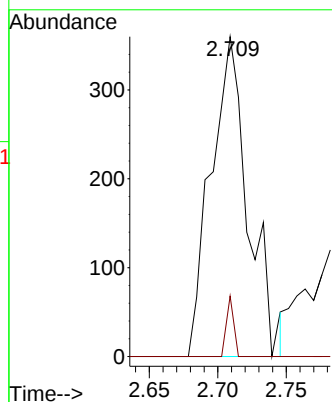
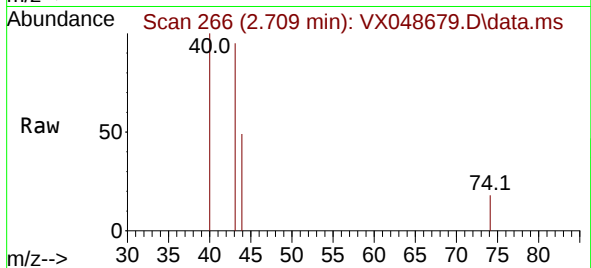




#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

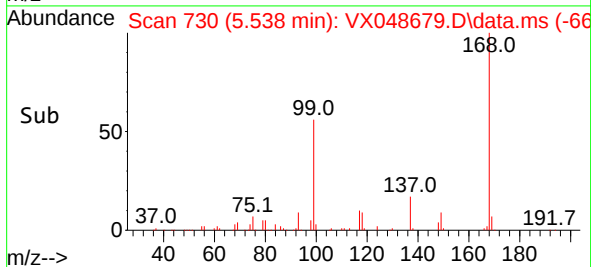
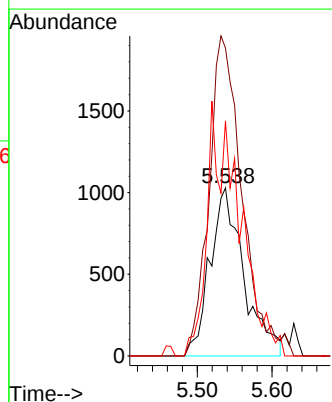
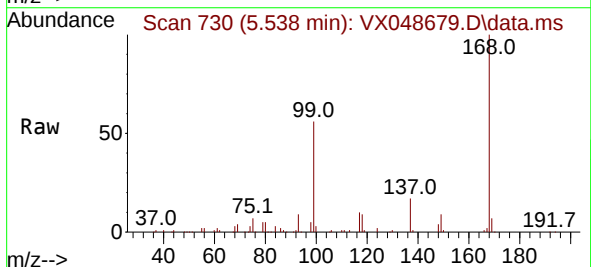
Instrument :
MSVOA_X
ClientSampleId :
MW7

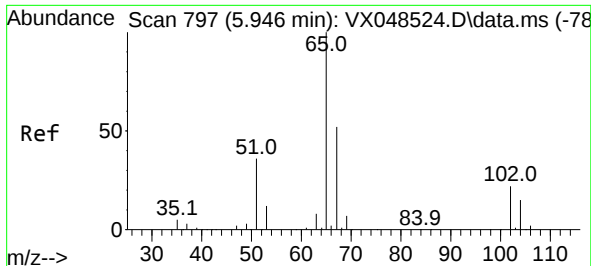
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 3.7 19.1 28.7#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 56 Resp: 3229
Ion Ratio Lower Upper
56 100
69 183.4 23.4 35.2#
84 140.0 66.3 99.5#

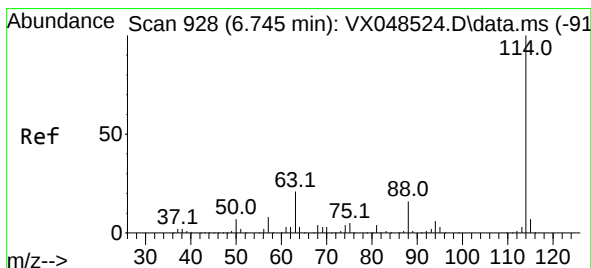
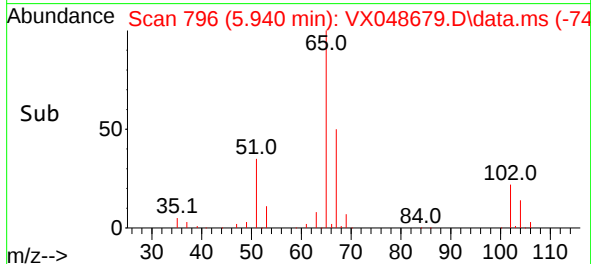
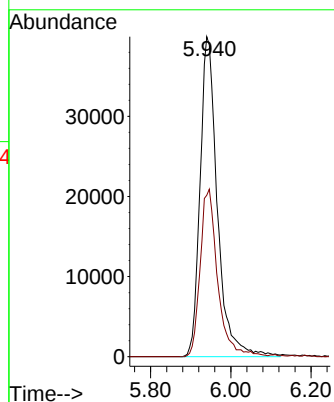
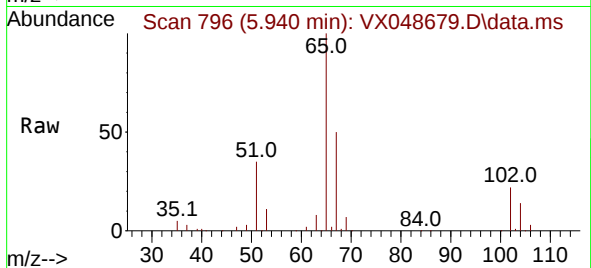




#33
 1,2-Dichloroethane-d4
 Concen: 51.400 ug/l
 RT: 5.940 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: VX048679.D
 Acq: 25 Nov 2025 13:00

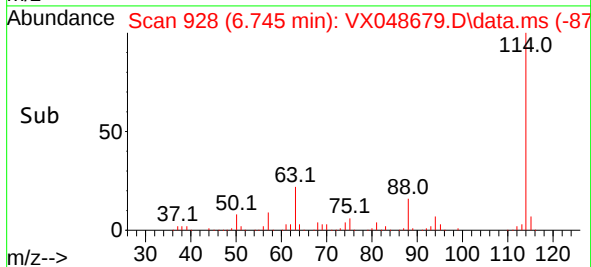
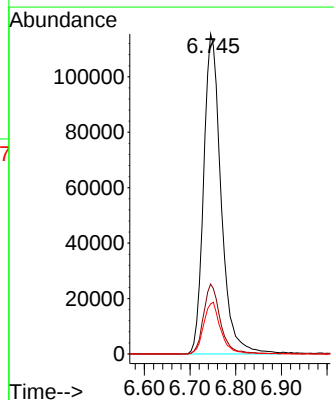
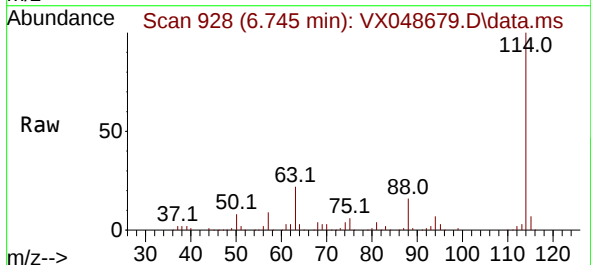
Instrument :
 MSVOA_X
 ClientSampleId :
 MW7

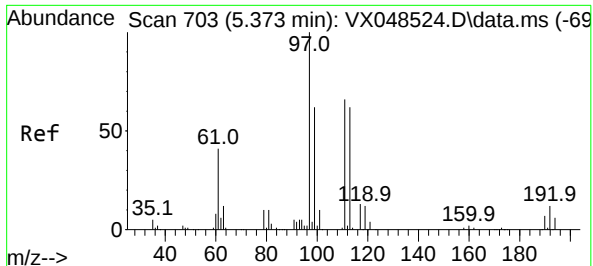
Tgt Ion: 65 Resp: 119607
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048679.D
 Acq: 25 Nov 2025 13:00

Tgt Ion: 114 Resp: 305521
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.2
 88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.105 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048679.D

Acq: 25 Nov 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

MW7

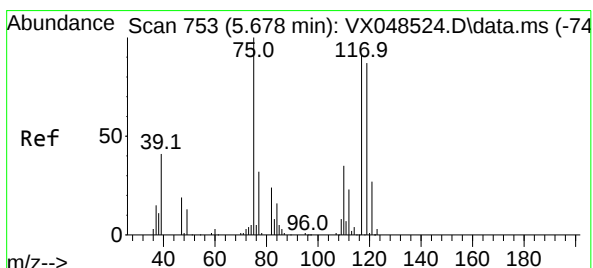
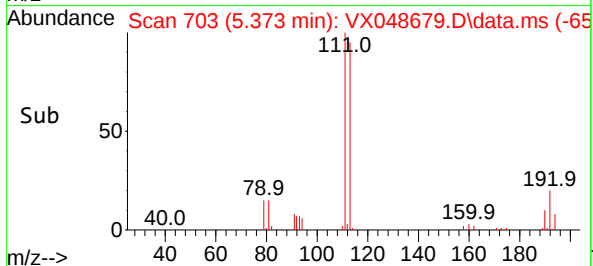
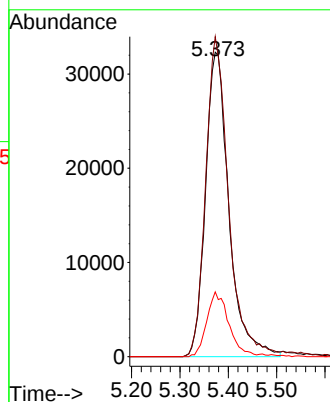
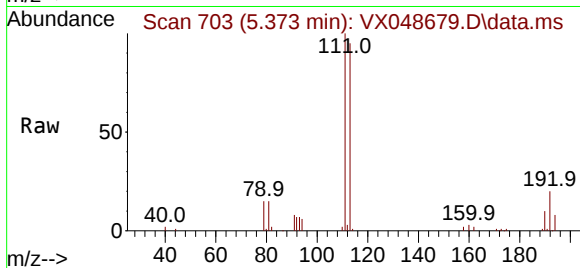
Tgt Ion:113 Resp: 108925

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 19.9 15.8 23.6



#36

1,1-Dichloropropene

Concen: 3.780 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX048679.D

Acq: 25 Nov 2025 13:00

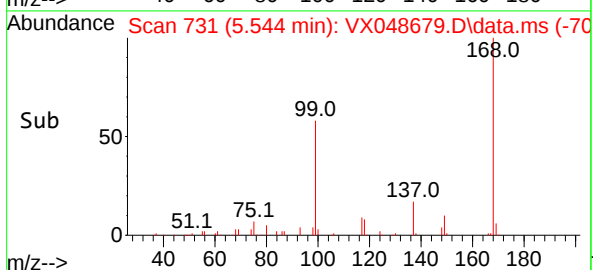
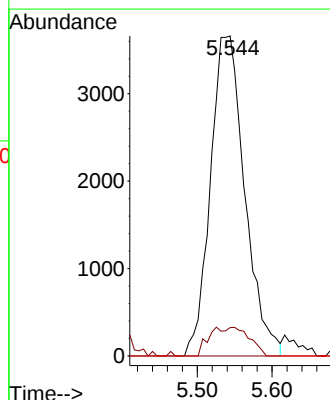
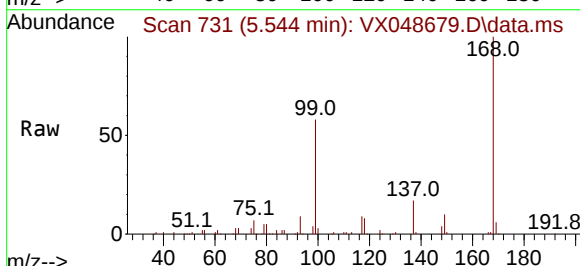
Tgt Ion: 75 Resp: 11704

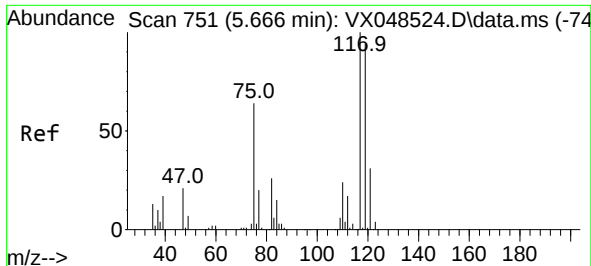
Ion Ratio Lower Upper

75 100

110 3.9 18.4 55.4#

77 0.0 24.6 37.0#

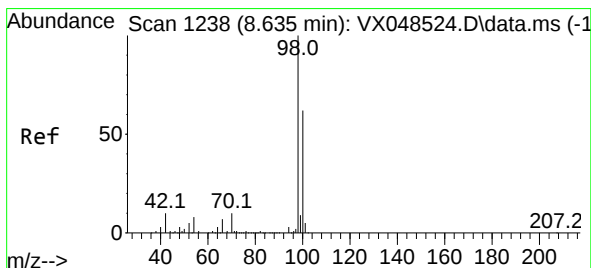
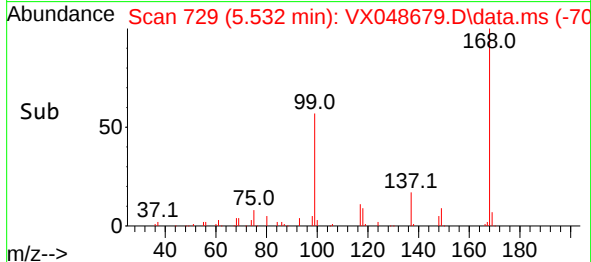
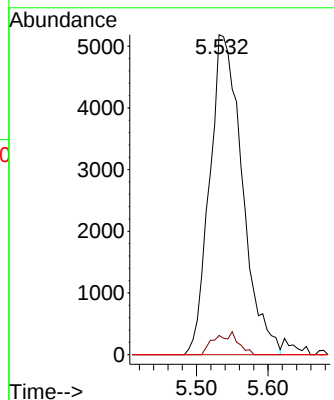
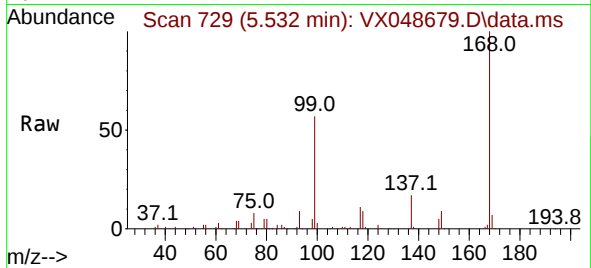




#38
Carbon Tetrachloride
Concen: 4.666 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

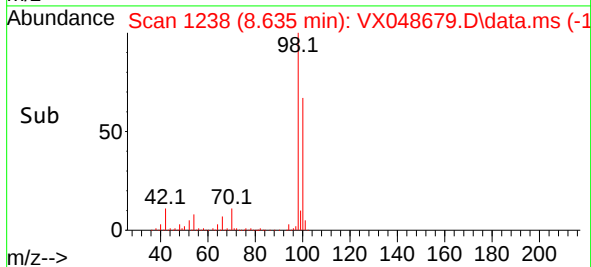
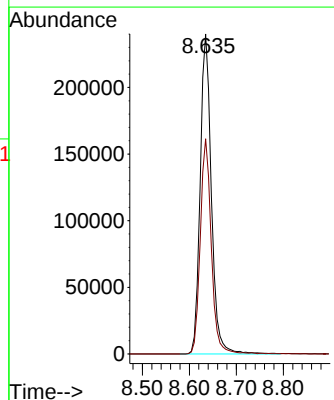
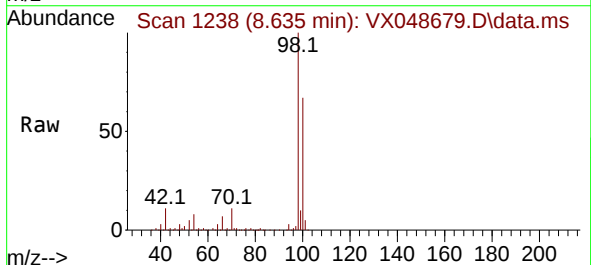
Instrument :
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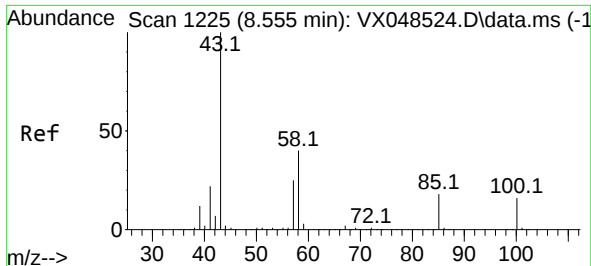
Tgt Ion:117 Resp: 16448
Ion Ratio Lower Upper
117 100
119 6.0 74.5 111.7#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.169 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 98 Resp: 397876
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

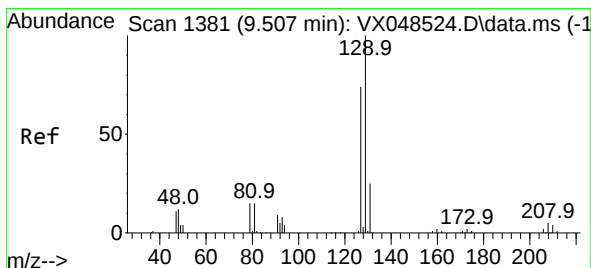
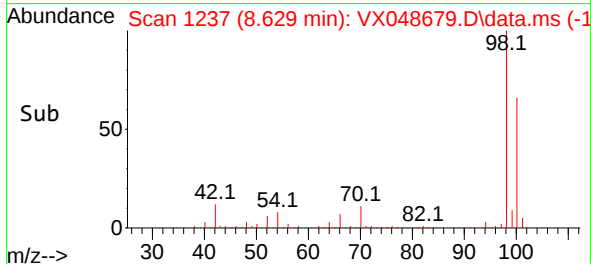
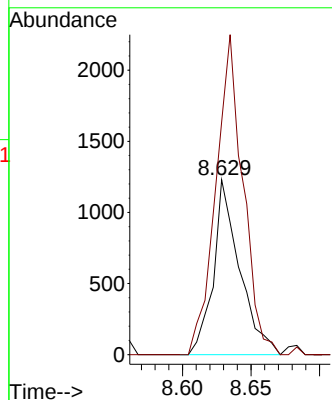
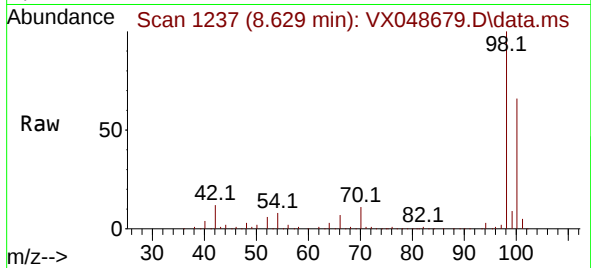




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.629 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

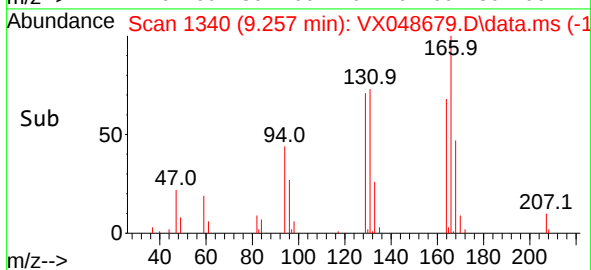
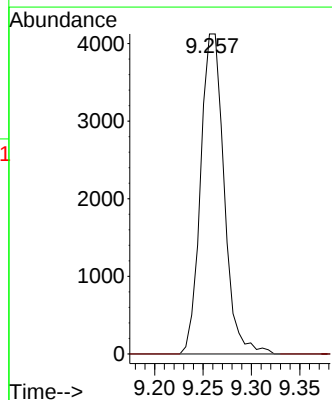
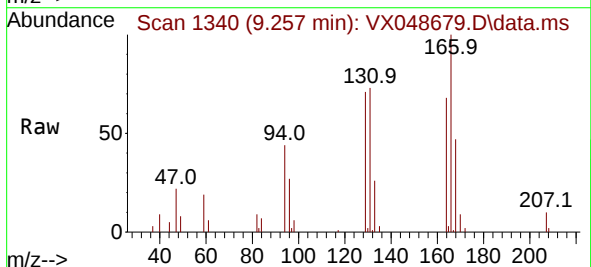
Instrument :
MSVOA_X
ClientSampleId :
MW7

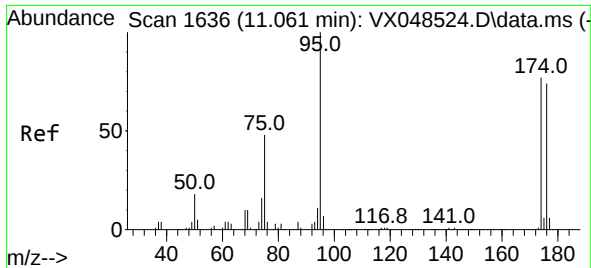
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 190.3 32.3 48.5#



#60
Dibromochloromethane
Concen: 2.819 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.250 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 129 Resp: 6987
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.0#

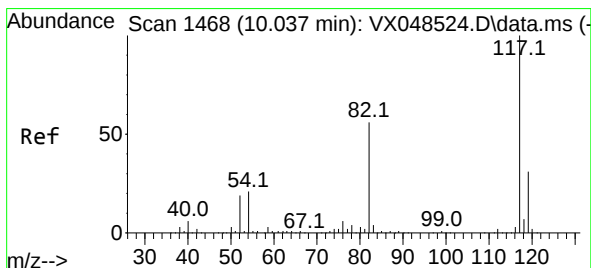
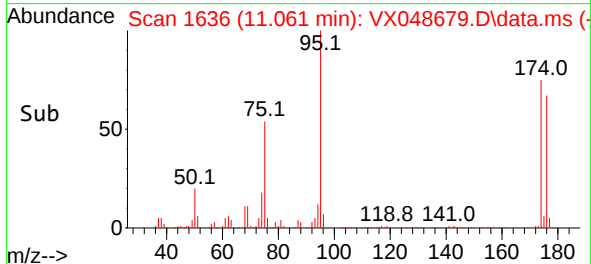
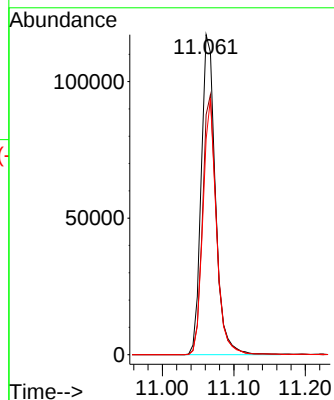
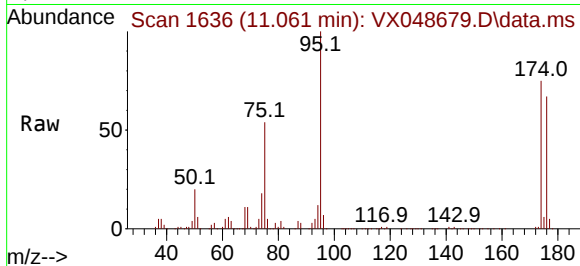




#62
4-Bromofluorobenzene
Concen: 60.041 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

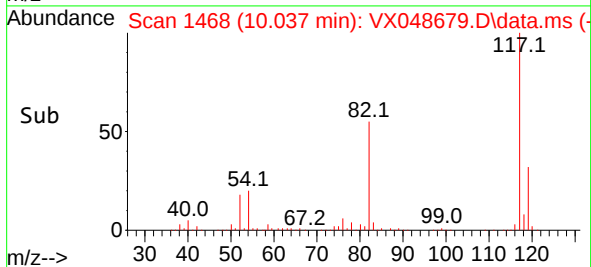
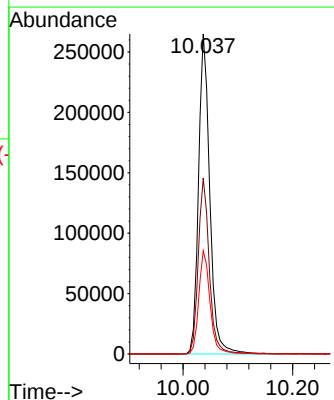
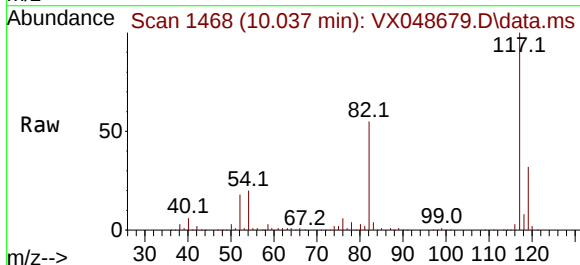
Instrument :
MSVOA_X
ClientSampleId :
MW7

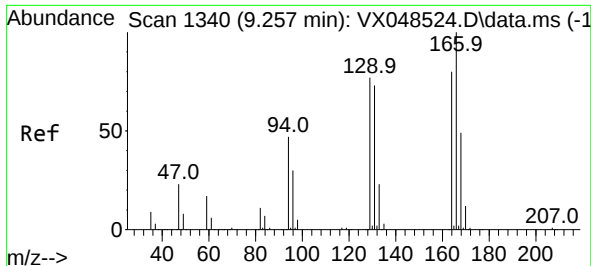
Tgt Ion: 95 Resp: 161369
Ion Ratio Lower Upper
95 100
174 80.3 0.0 161.8
176 76.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion: 117 Resp: 379381
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 32.2 25.1 37.7



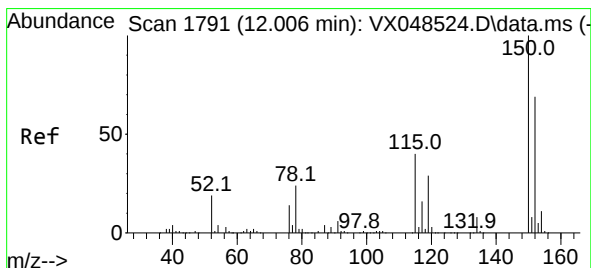
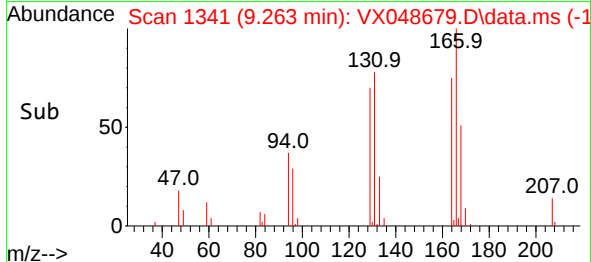
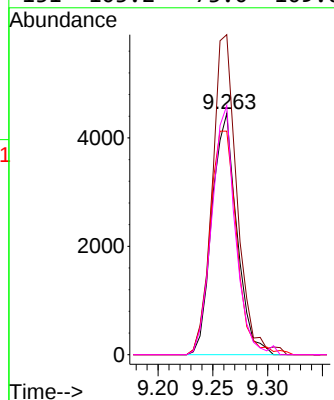
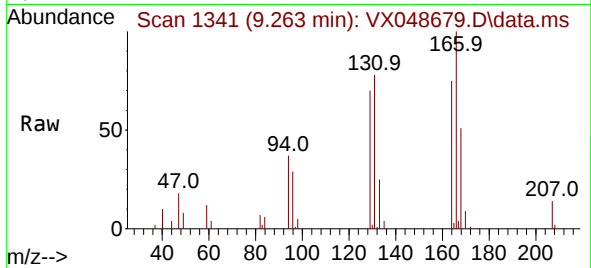


#64
Tetrachloroethene
Concen: 2.546 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
MW7

Tgt Ion:164 Resp: 7016

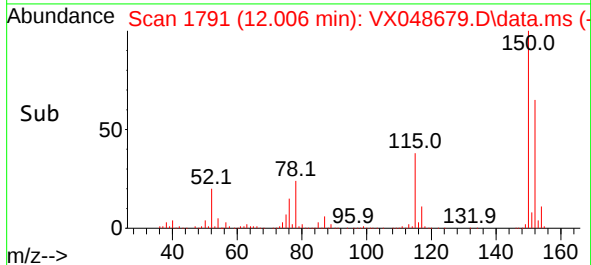
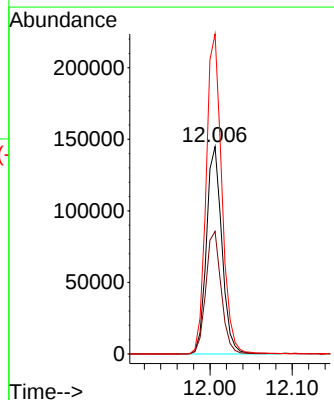
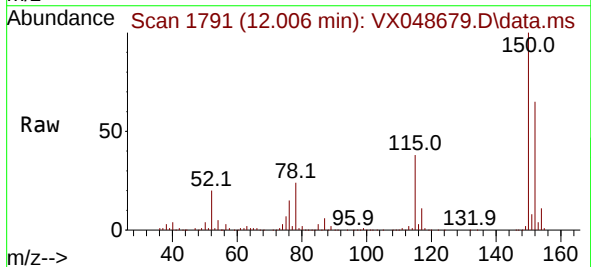
Ion	Ratio	Lower	Upper
164	100		
166	132.7	100.6	150.8
129	92.7	77.6	116.4
131	103.2	73.0	109.6

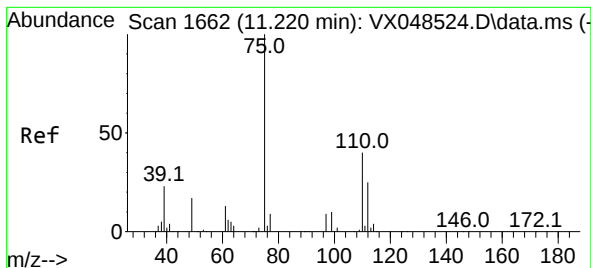


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048679.D
Acq: 25 Nov 2025 13:00

Tgt Ion:152 Resp: 188892

Ion	Ratio	Lower	Upper
152	100		
115	59.0	39.2	117.6
150	156.6	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 18.451 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048679.D

Acq: 25 Nov 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

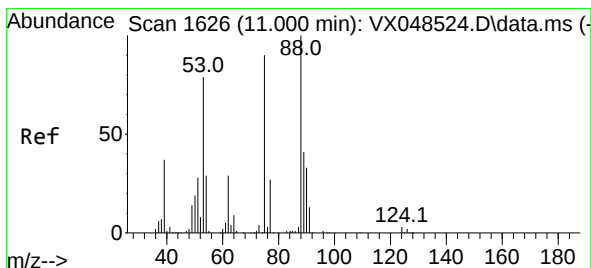
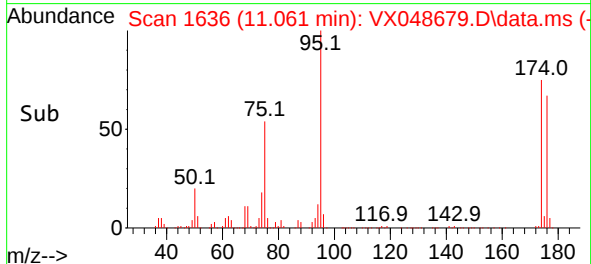
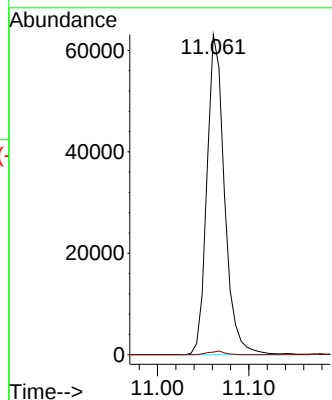
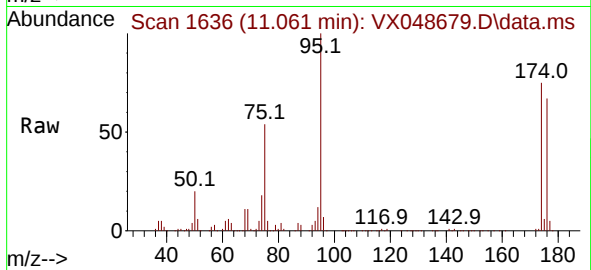
MW7

Tgt Ion: 75 Resp: 83965

Ion Ratio Lower Upper

75 100

77 1.0 24.3 72.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.776 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048679.D

Acq: 25 Nov 2025 13:00

Tgt Ion: 75 Resp: 83965

Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

89 0.1 43.6 65.4#

