

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048542.D
 Acq On : 10 Nov 2025 16:08
 Operator : JC/MD
 Sample : Q3584-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:48:24 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)

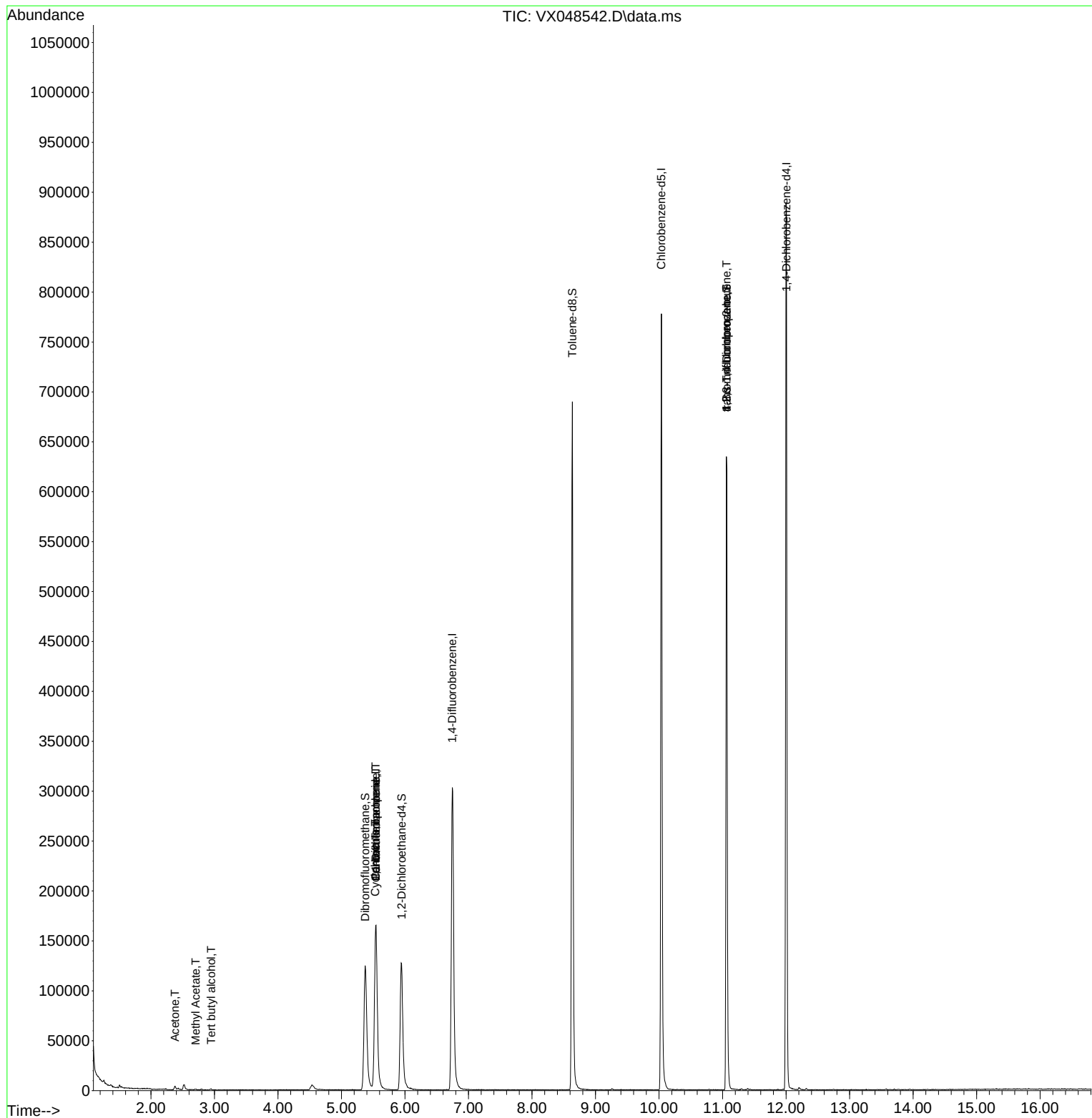
Internal Standards						
1) Pentafluorobenzene	5.544	168	181183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	361304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	386173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	204501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	139812	55.379	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.760%		
35) Dibromofluoromethane	5.373	113	126065	46.100	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.200%		
50) Toluene-d8	8.635	98	437742	51.326	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.660%		
62) 4-Bromofluorobenzene	11.061	95	188975	59.457	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 118.920%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	534	1.116	ug/l #	71
16) Acetone	2.380	43	4639	3.882	ug/l	98
18) Methyl Acetate	2.703	43	1221	0.372	ug/l #	80
31) Cyclohexane	5.532	56	3100	0.914	ug/l #	13
36) 1,1-Dichloropropene	5.538	75	13076	3.571	ug/l #	49
38) Carbon Tetrachloride	5.538	117	18305	4.391	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	91606	18.594	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	91606	53.184	ug/l #	12

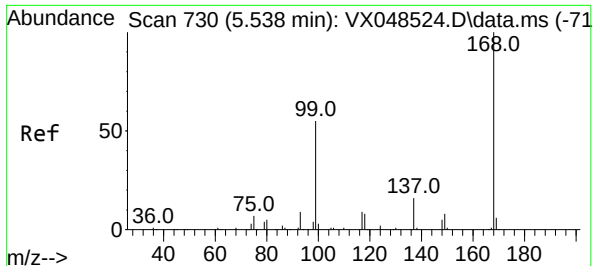
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

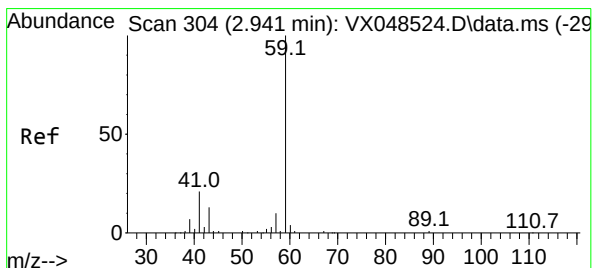
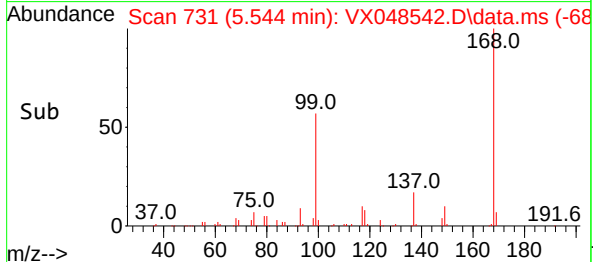
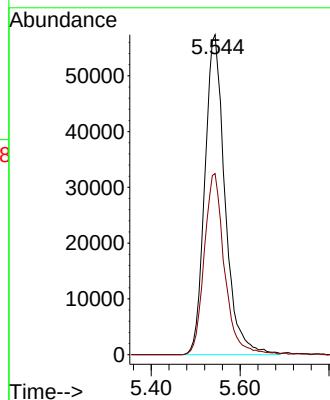
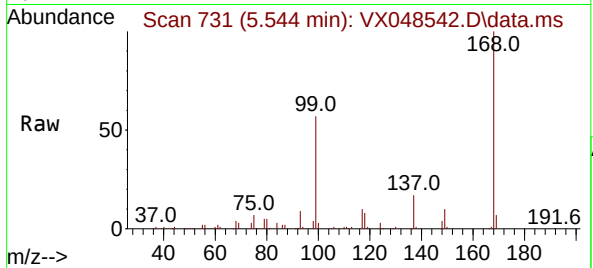




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

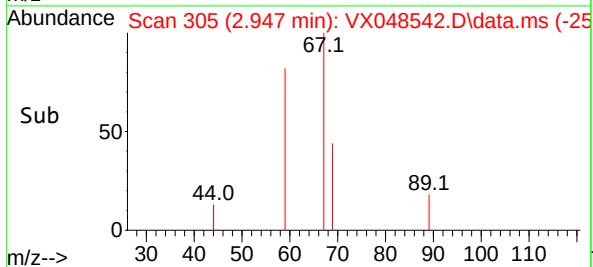
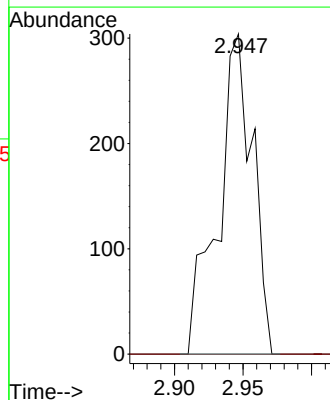
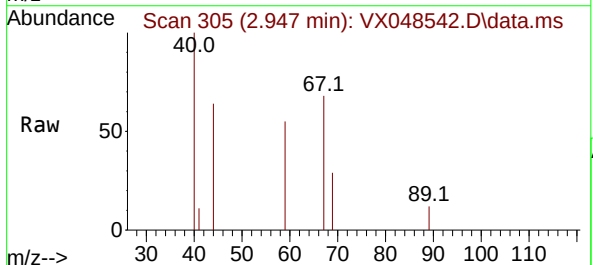
Instrument :
MSVOA_X
ClientSampleId :

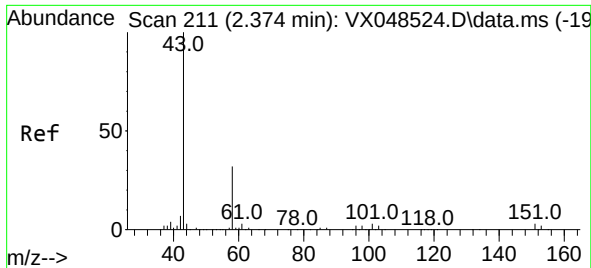
Tgt Ion:168 Resp: 181183
Ion Ratio Lower Upper
168 100
99 56.6 45.2 67.8



#11
Tert butyl alcohol
Concen: 1.116 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

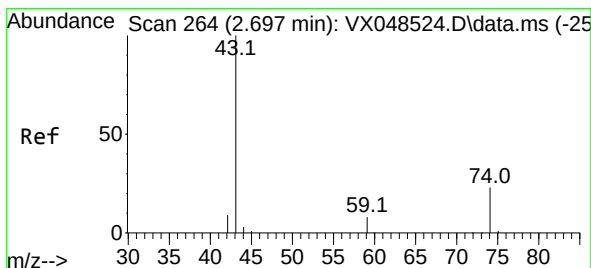
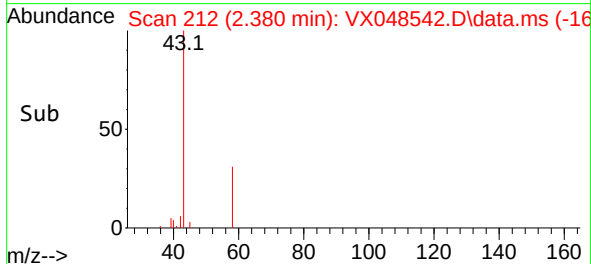
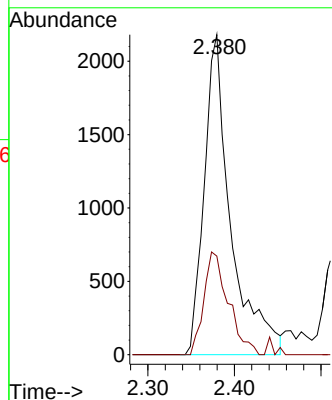
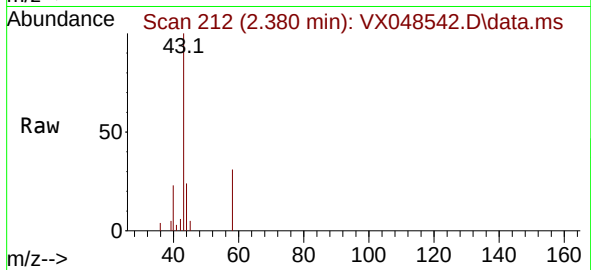




#16
Acetone
Concen: 3.882 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

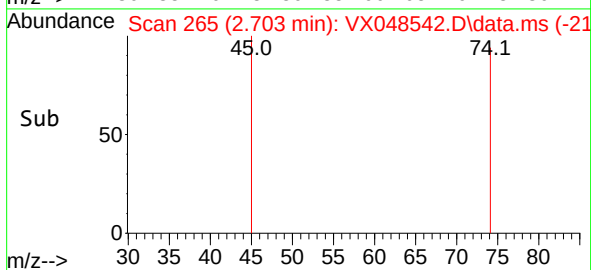
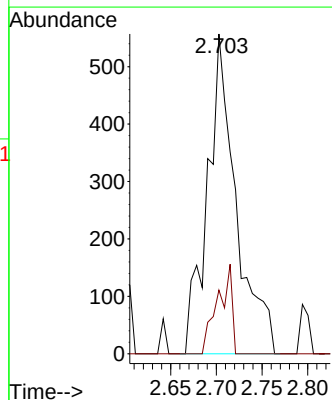
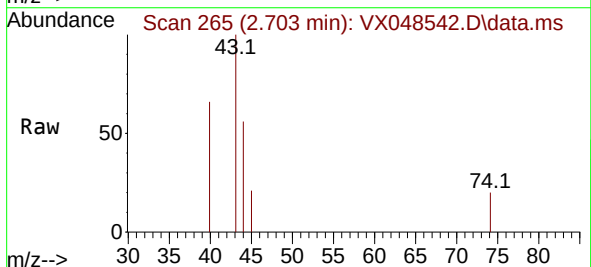
Instrument :
MSVOA_X
ClientSampleId :

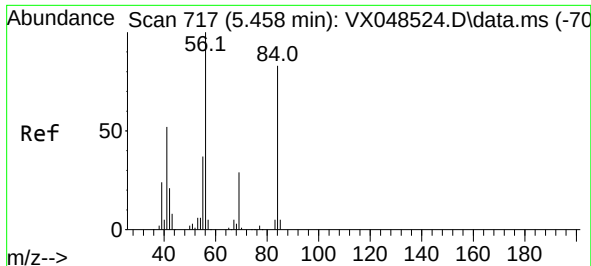
Tgt Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
58 30.8 25.8 38.6



#18
Methyl Acetate
Concen: 0.372 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

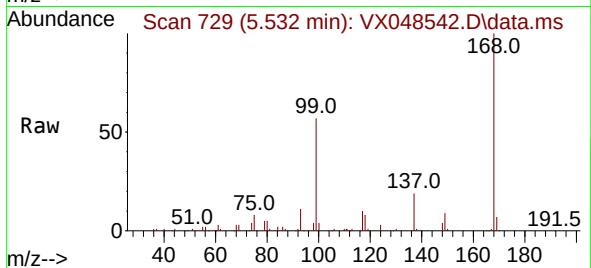
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
74 14.0 19.1 28.7#



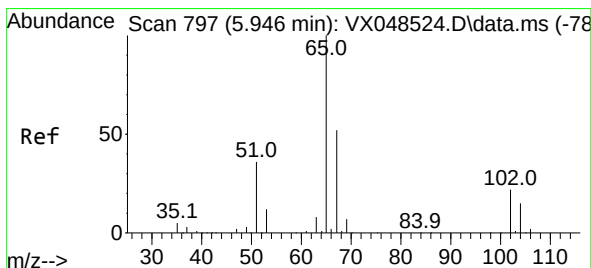
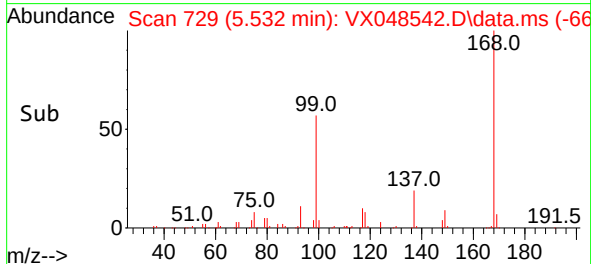
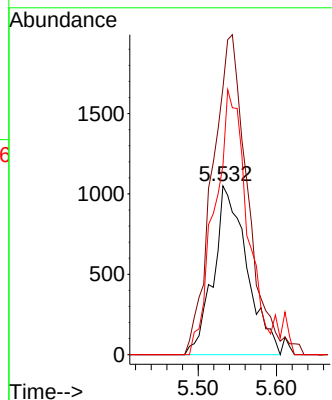


#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.532 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :

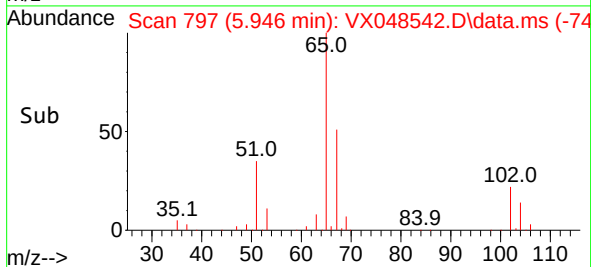
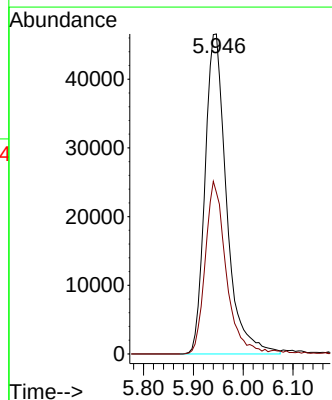
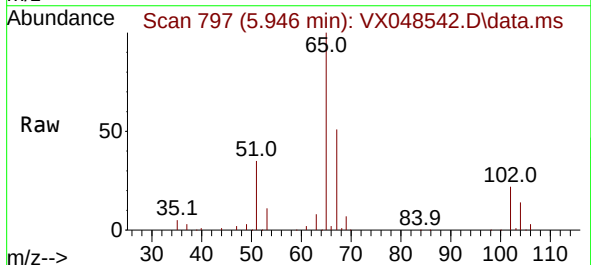


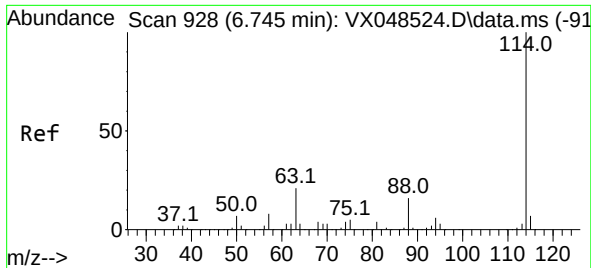
Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 158.0 23.4 35.2#
84 112.0 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 55.379 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 65 Resp: 139812
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2

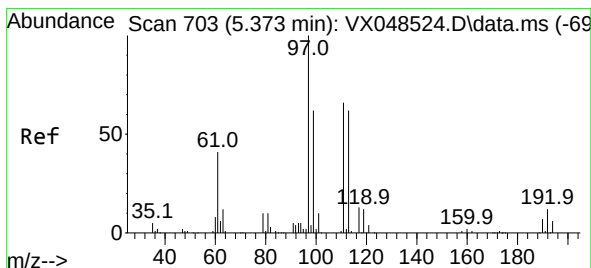
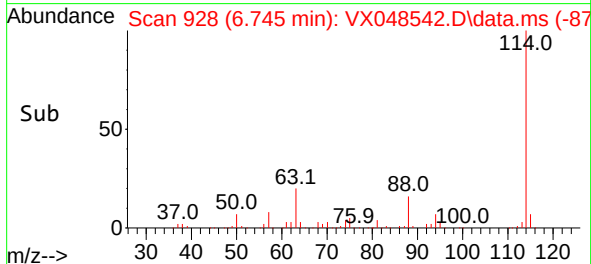
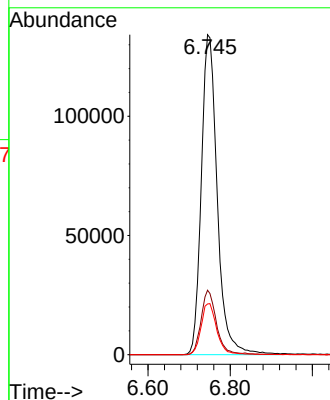
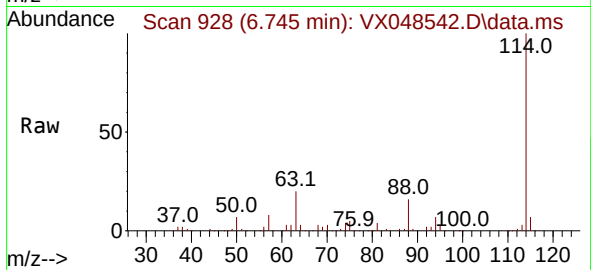




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

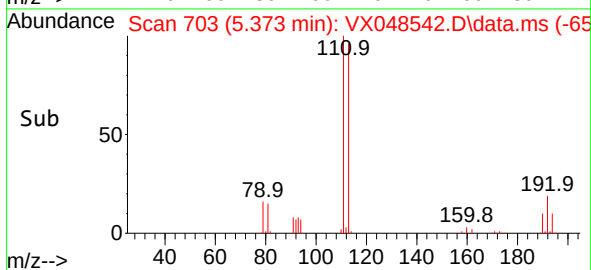
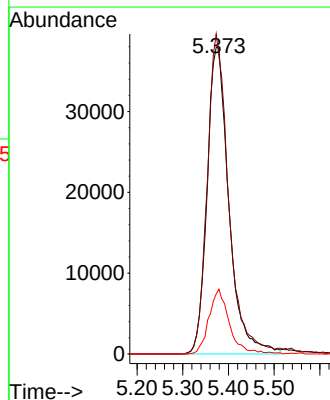
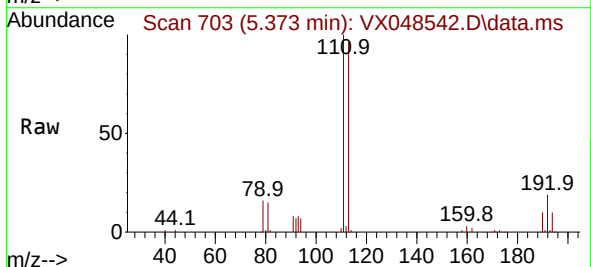
Instrument :
MSVOA_X
ClientSampleId :

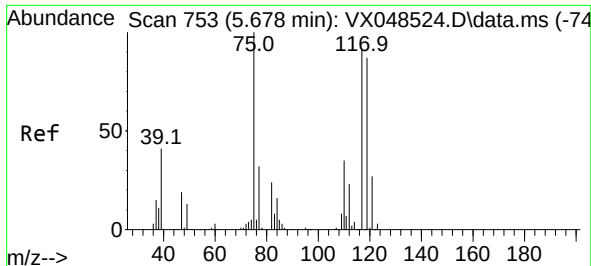
Tgt Ion:114 Resp: 361304
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion:113 Resp: 126065
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.8 15.8 23.6

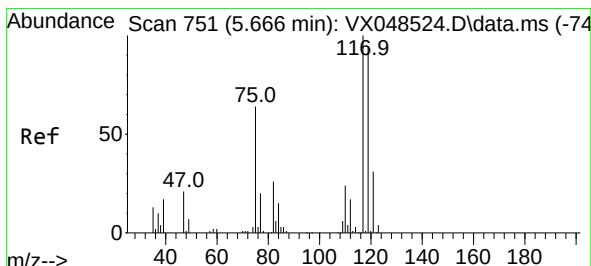
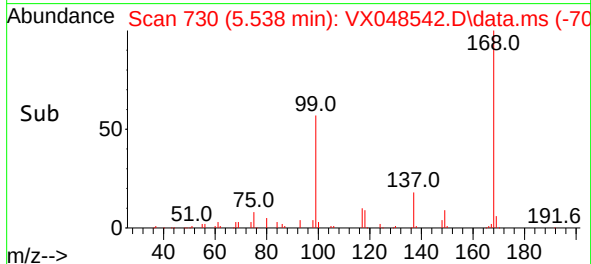
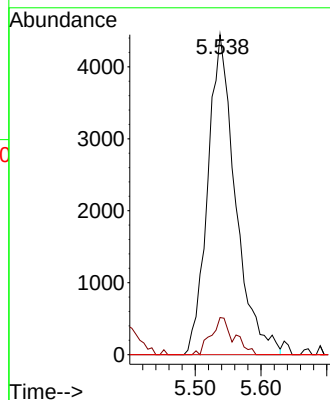
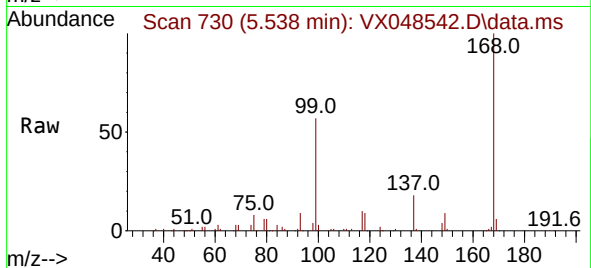




#36
1,1-Dichloropropene
Concen: 3.571 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

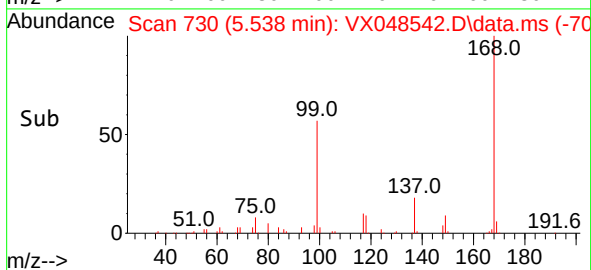
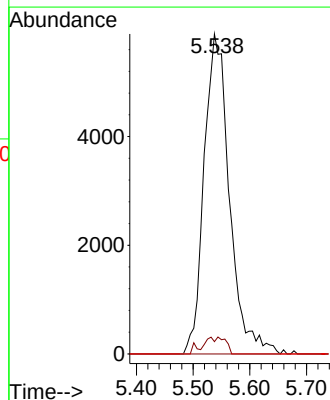
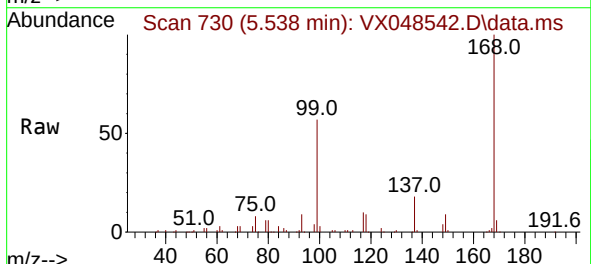
Instrument :
MSVOA_X
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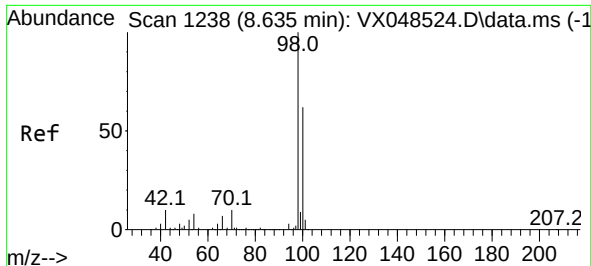
Tgt Ion: 75 Resp: 13076
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.391 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 117 Resp: 18305
Ion Ratio Lower Upper
117 100
119 3.8 74.5 111.7#
121 0.0 24.8 37.2#

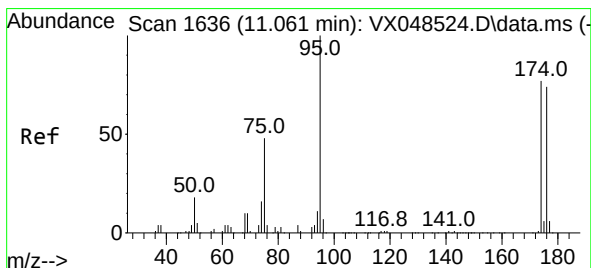
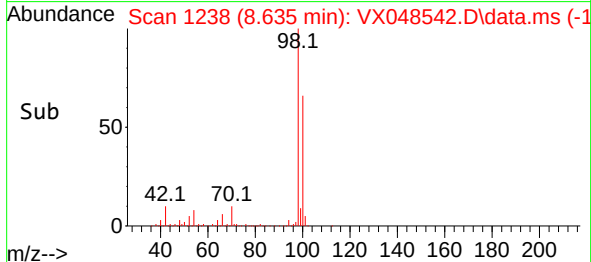
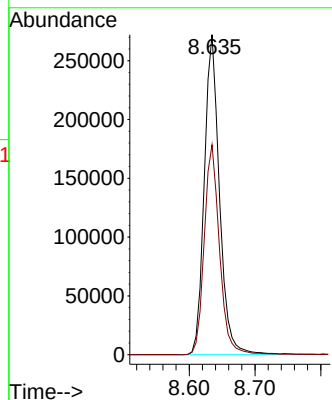
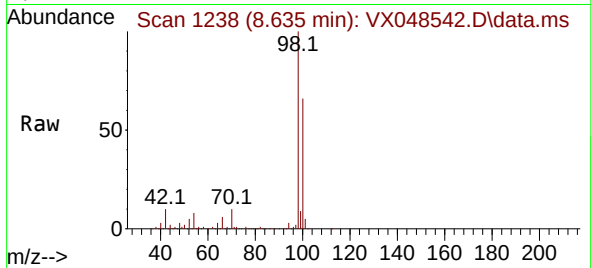




#50
Toluene-d8
Concen: 51.326 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

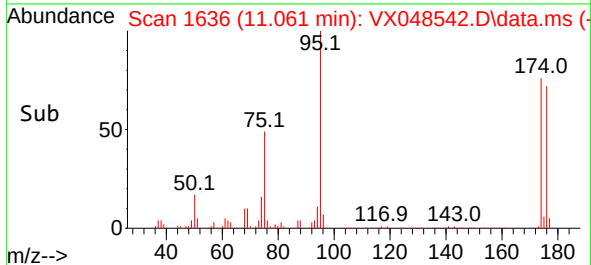
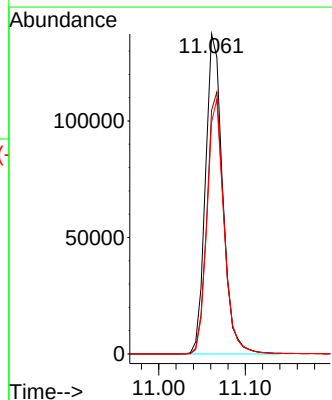
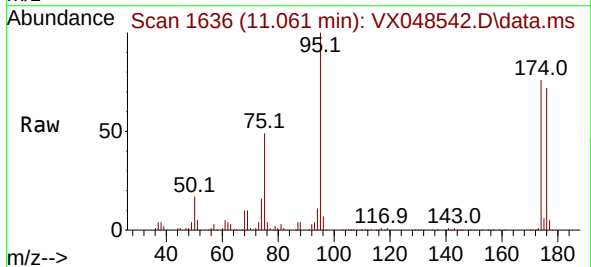
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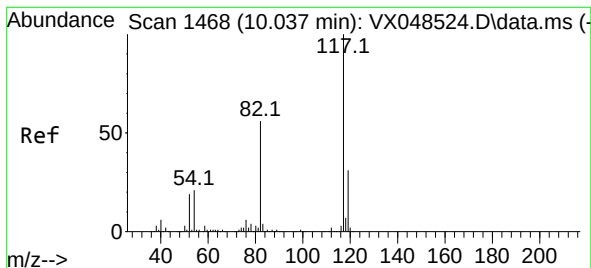
Tgt Ion: 98 Resp: 437742
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 59.457 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 95 Resp: 188975
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.8
176 79.1 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: VX048542.D

Acq: 10 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

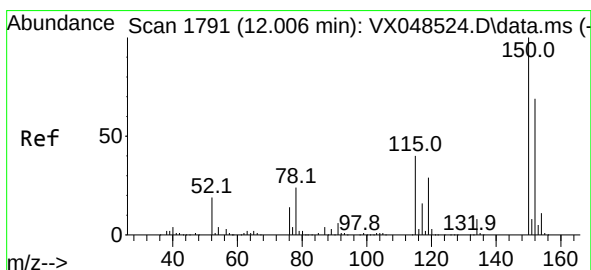
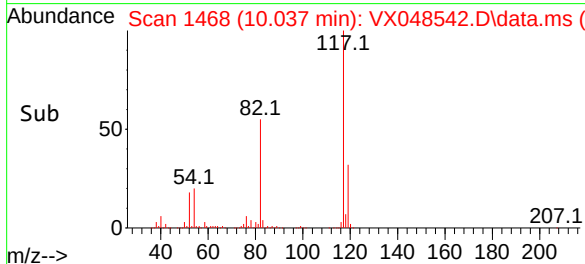
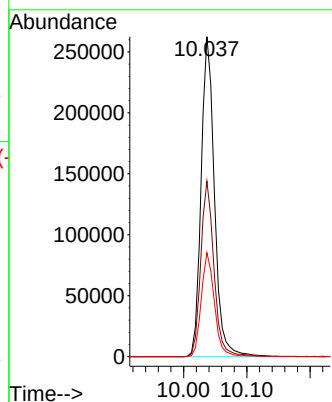
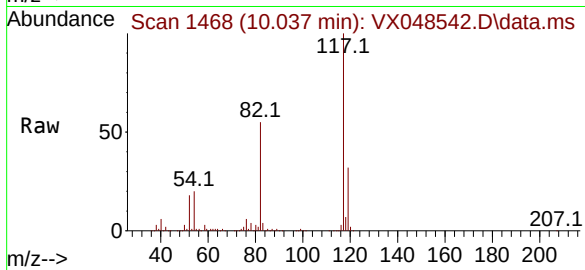
Tgt Ion:117 Resp: 386173

Ion Ratio Lower Upper

117 100

82 54.9 44.4 66.6

119 32.5 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: VX048542.D

Acq: 10 Nov 2025 16:08

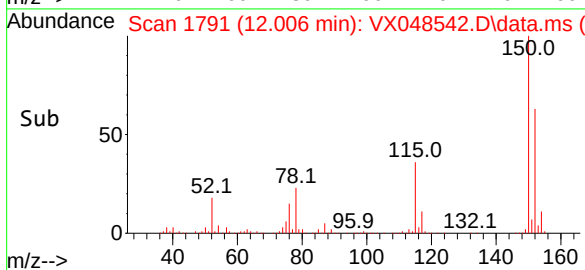
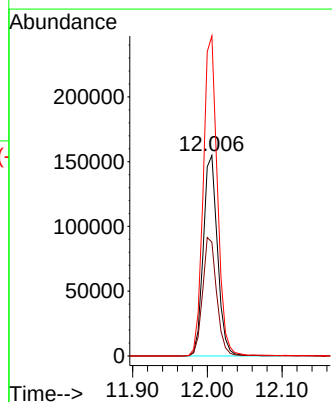
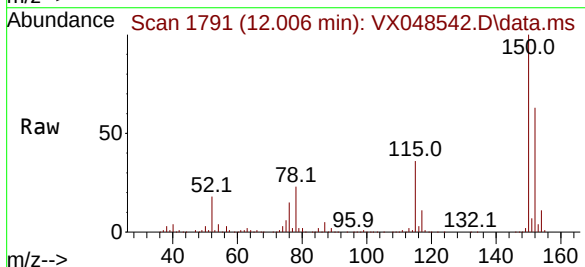
Tgt Ion:152 Resp: 204501

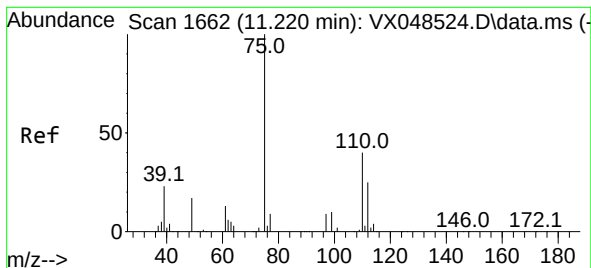
Ion Ratio Lower Upper

152 100

115 58.6 39.2 117.6

150 158.8 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 18.594 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048542.D

Acq: 10 Nov 2025 16:08

Instrument :

MSVOA_X

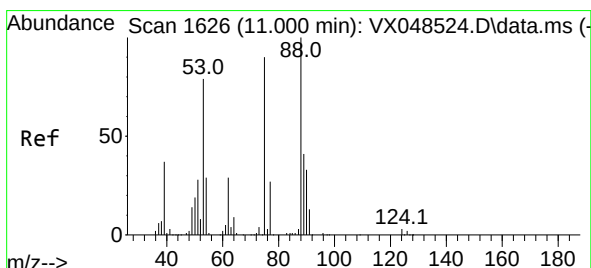
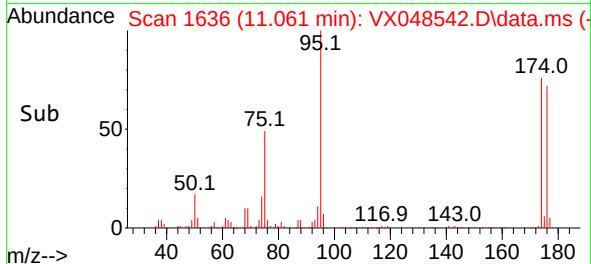
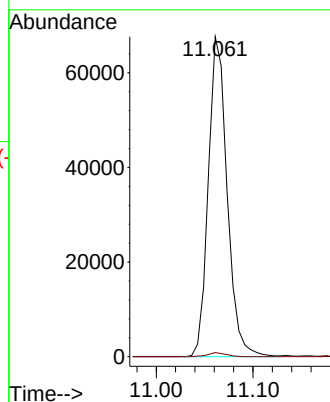
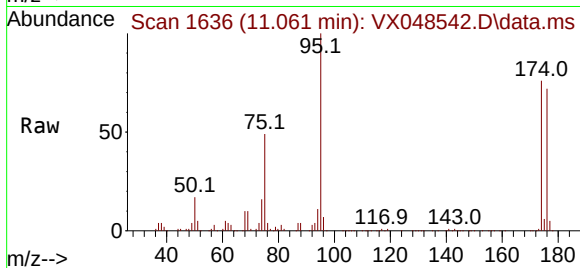
ClientSampleId :

Tgt Ion: 75 Resp: 91606

Ion Ratio Lower Upper

75 100

77 1.2 24.3 72.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.184 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048542.D

Acq: 10 Nov 2025 16:08

Tgt Ion: 75 Resp: 91606

Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

89 0.0 43.6 65.4#

