

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046092.D
 Acq On : 08 May 2025 15:39
 Operator : JC/MD
 Sample : Q1972-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-2

Quant Time: May 09 01:57:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

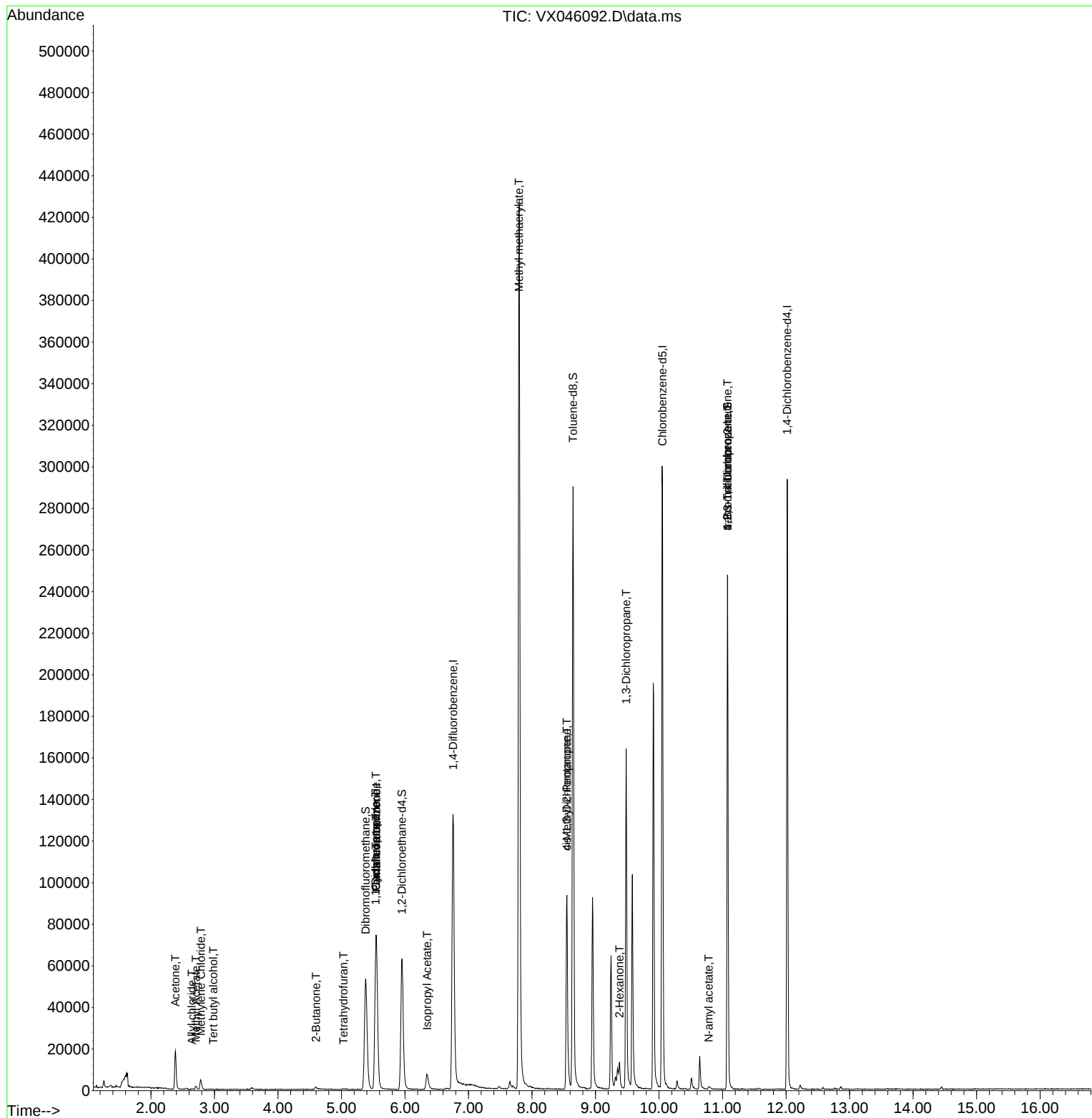
Internal Standards						
1) Pentafluorobenzene	5.550	168	63922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64909	54.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.940%	
35) Dibromofluoromethane	5.379	113	45913	50.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.160%	
50) Toluene-d8	8.647	98	163137	51.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	11.079	95	63434	52.113	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	72	0.430	ug/l #	72
14) Allyl chloride	2.642	41	324	0.224	ug/l #	21
16) Acetone	2.386	43	20542	42.991	ug/l	97
18) Methyl Acetate	2.709	43	2137	1.927	ug/l	96
20) Methylene Chloride	2.788	84	2166	2.366	ug/l	93
25) 2-Butanone	4.599	43	2677	3.859	ug/l #	88
29) Tetrahydrofuran	5.031	42	324	0.745	ug/l #	35
31) Cyclohexane	5.544	56	1903	1.340	ug/l #	21
36) 1,1-Dichloropropene	5.537	75	6643	5.393	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7630	5.513	ug/l #	15
43) Isopropyl Acetate	6.348	43	10781	4.643	ug/l	99
48) Methyl methacrylate	7.793	41	43141	36.381	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	37291	24.196	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	14077	10.281	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	1328	0.848	ug/l #	42
59) 2-Hexanone	9.378	43	11362	9.964	ug/l #	28
74) N-amyl acetate	10.780	43	1417	0.703	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	35937	28.486	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35937	92.740	ug/l #	1

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

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Quant Title : SW846 8260
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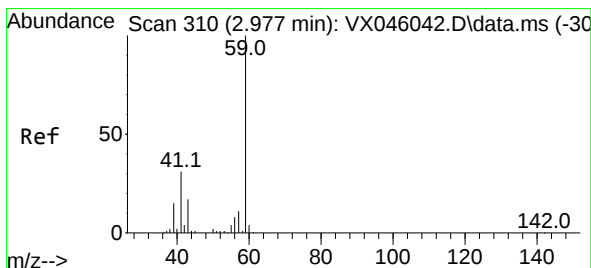
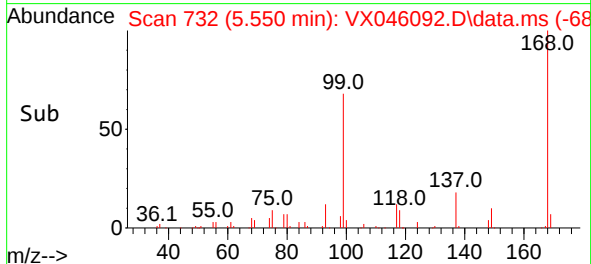
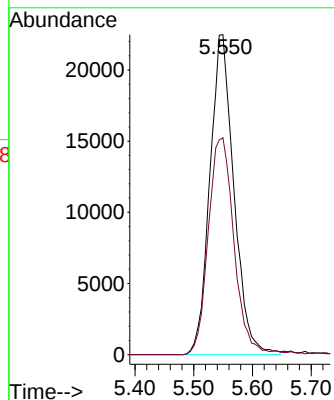
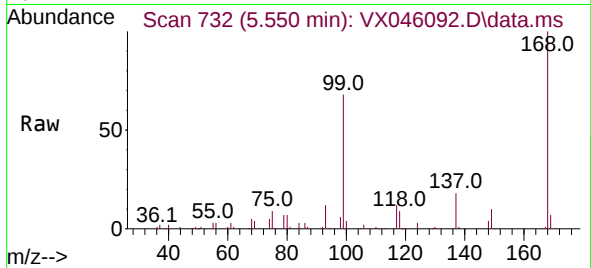




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

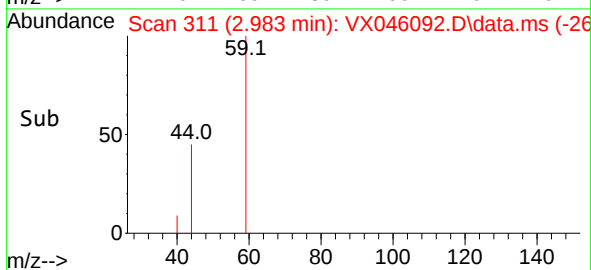
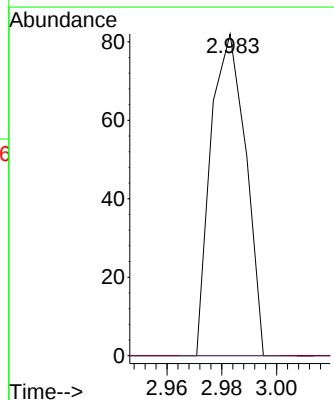
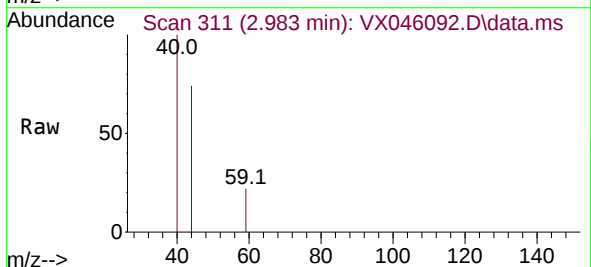
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

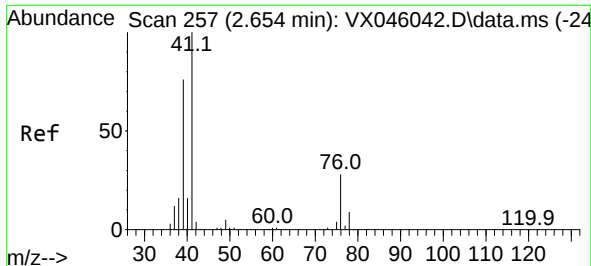
Tgt Ion:168 Resp: 63922
Ion Ratio Lower Upper
168 100
99 67.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.430 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

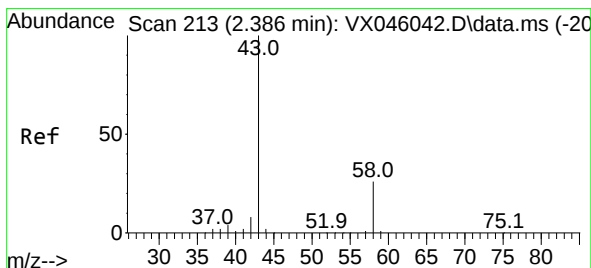
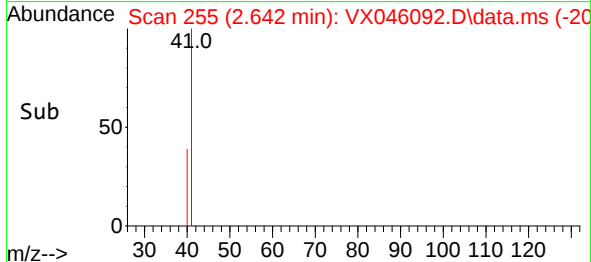
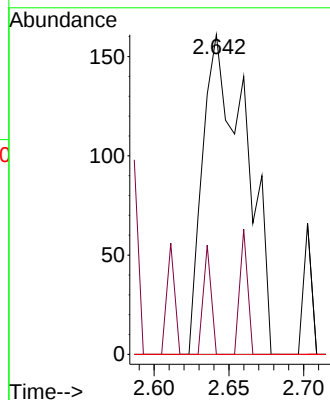
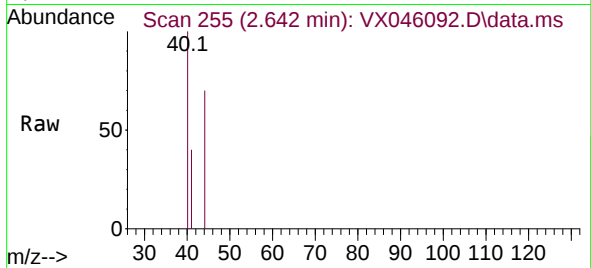




#14
 Allyl chloride
 Concen: 0.224 ug/l
 RT: 2.642 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VX046092.D
 Acq: 08 May 2025 15:39

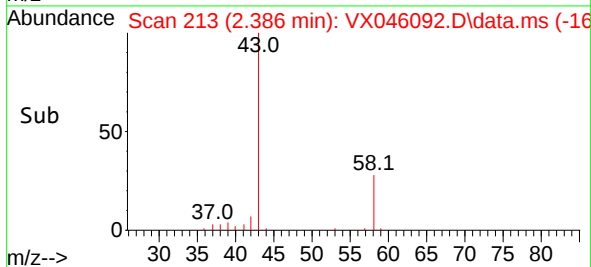
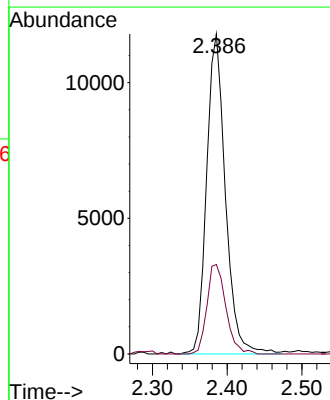
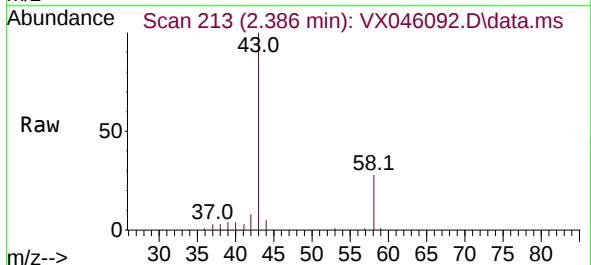
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-2

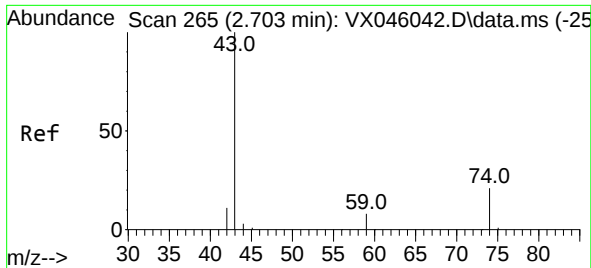
Tgt Ion: 41 Resp: 324
 Ion Ratio Lower Upper
 41 100
 39 0.0 60.6 90.8#
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 42.991 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX046092.D
 Acq: 08 May 2025 15:39

Tgt Ion: 43 Resp: 20542
 Ion Ratio Lower Upper
 43 100
 58 27.9 21.2 31.8

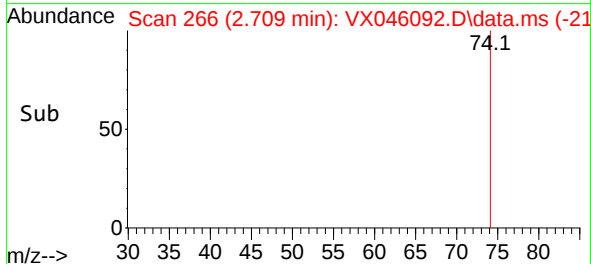
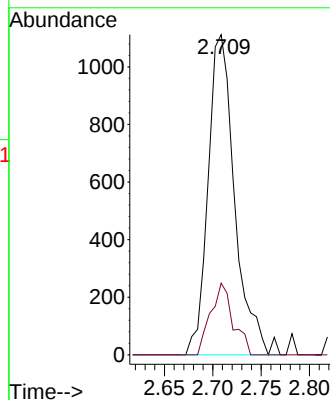
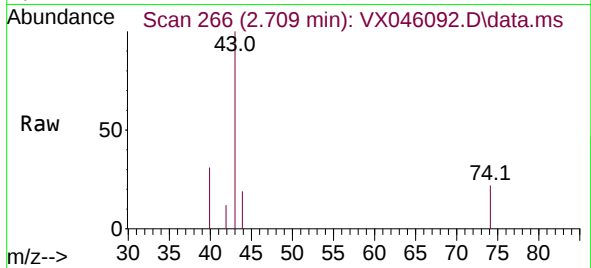




#18
Methyl Acetate
Concen: 1.927 ug/l
RT: 2.709 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

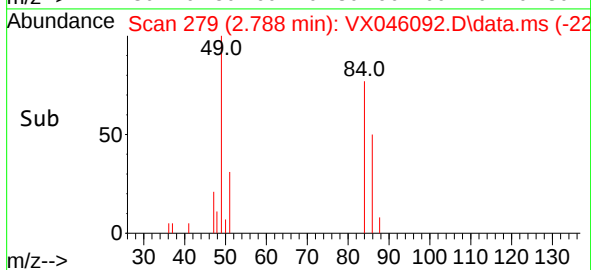
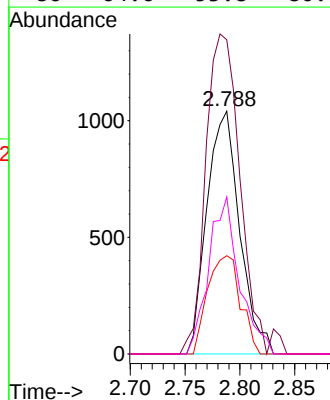
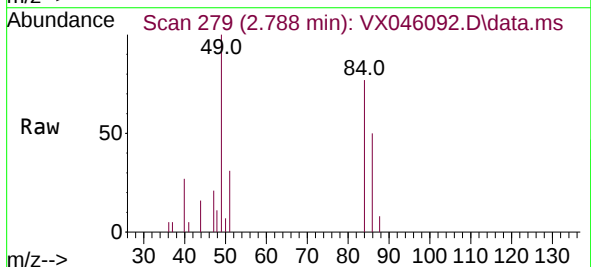
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

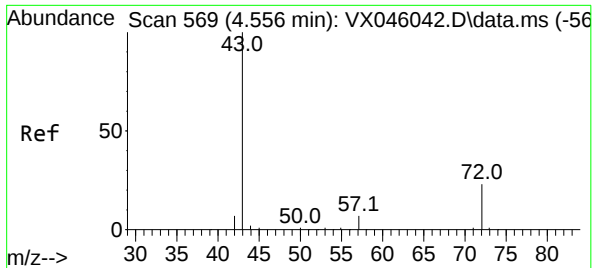
Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
74 18.8 16.7 25.1



#20
Methylene Chloride
Concen: 2.366 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 84 Resp: 2166
Ion Ratio Lower Upper
84 100
49 129.4 113.9 170.9
51 40.4 33.5 50.3
86 64.6 53.8 80.8





#25

2-Butanone

Concen: 3.859 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.042 min

Lab File: VX046092.D

Acq: 08 May 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

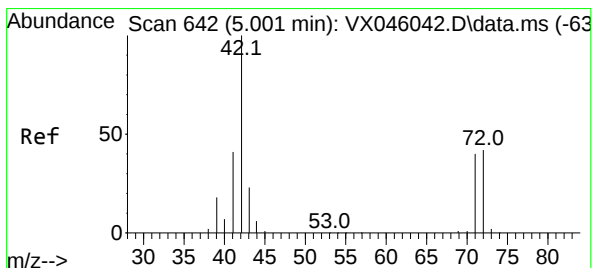
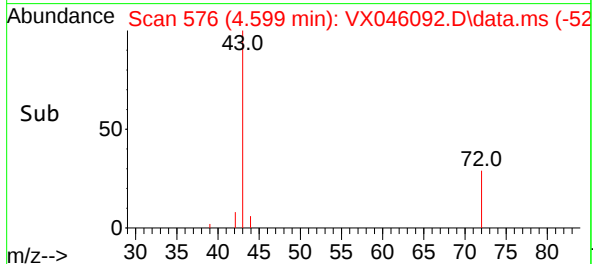
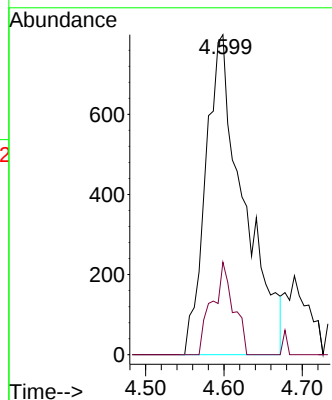
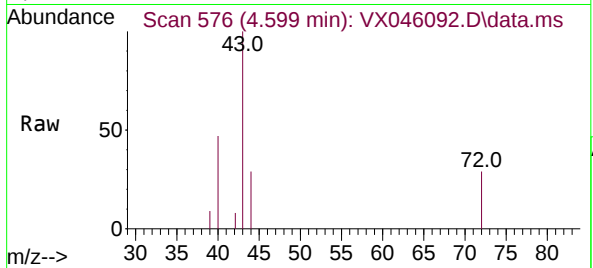
WC-B-2

Tgt Ion: 43 Resp: 2677

Ion Ratio Lower Upper

43 100

72 28.9 18.4 27.6#



#29

Tetrahydrofuran

Concen: 0.745 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX046092.D

Acq: 08 May 2025 15:39

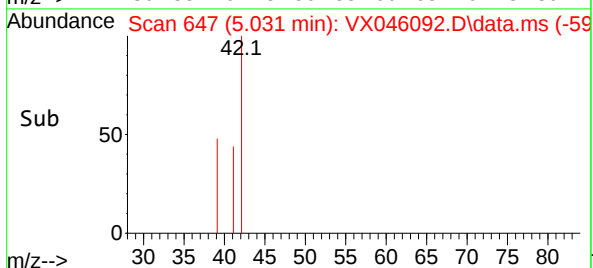
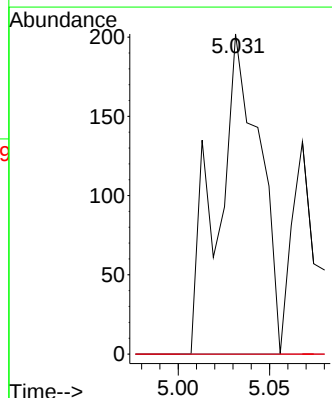
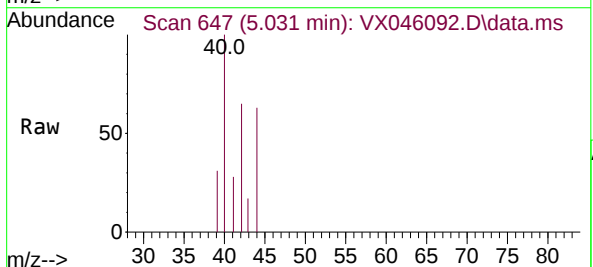
Tgt Ion: 42 Resp: 324

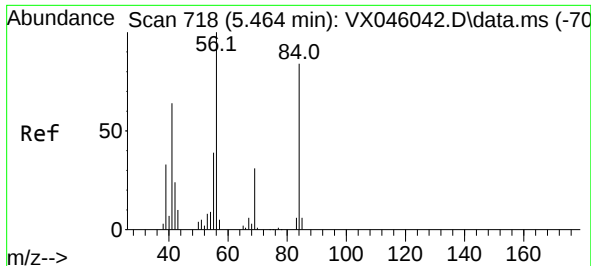
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.4 47.2#

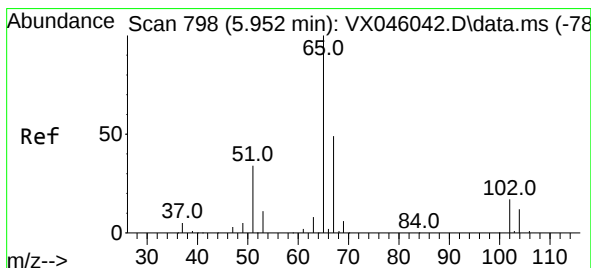
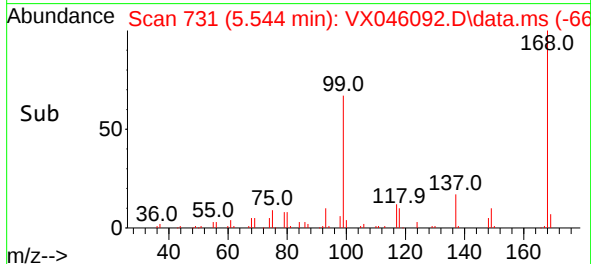
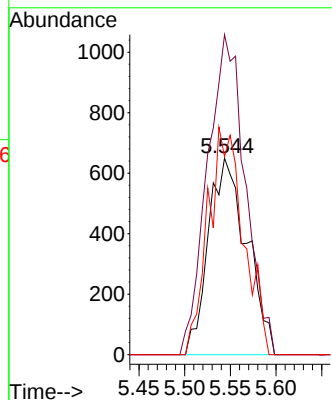
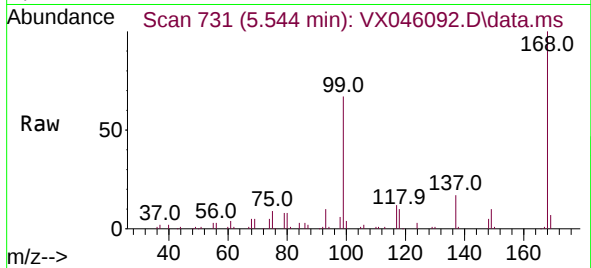




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

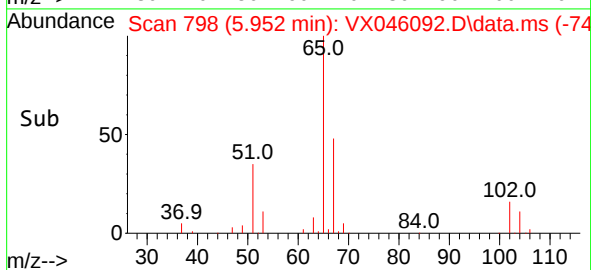
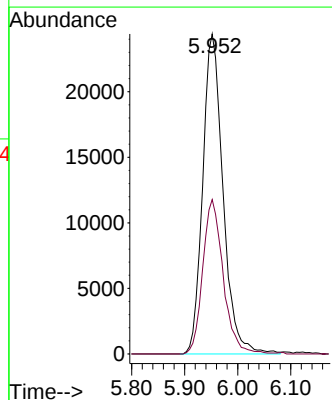
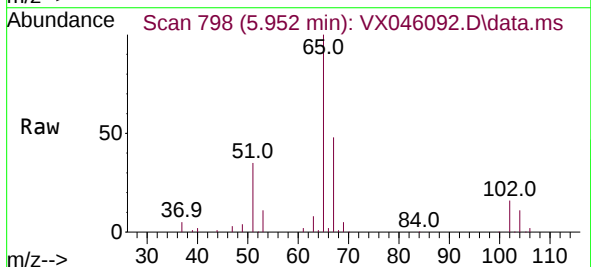
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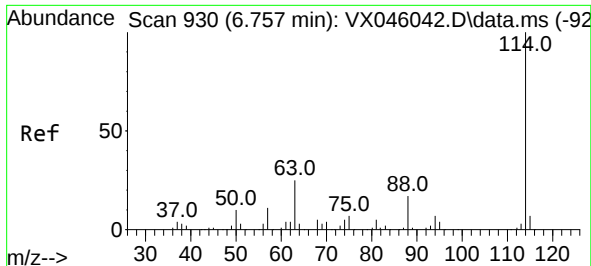
Tgt Ion: 56 Resp: 1903
Ion Ratio Lower Upper
56 100
69 162.8 24.4 36.6#
84 100.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.467 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 65 Resp: 64909
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

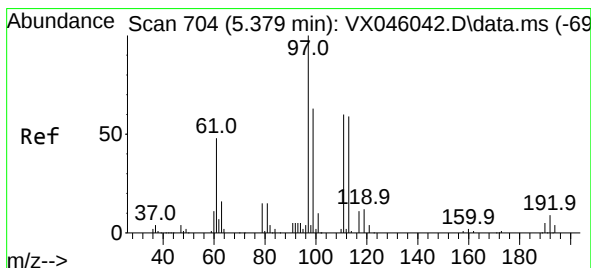
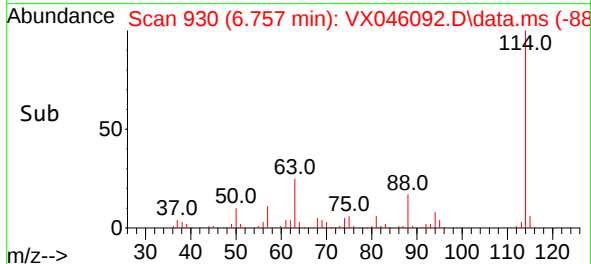
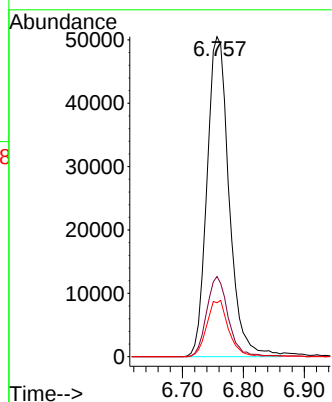
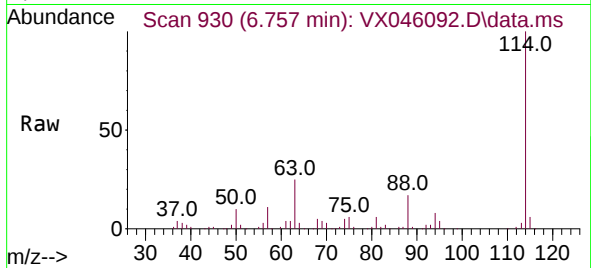




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

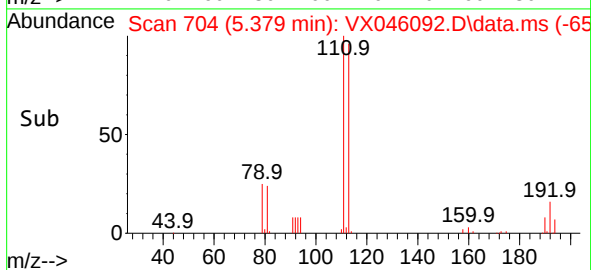
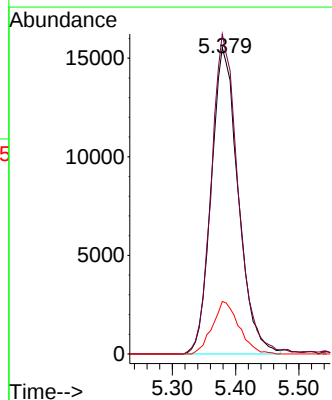
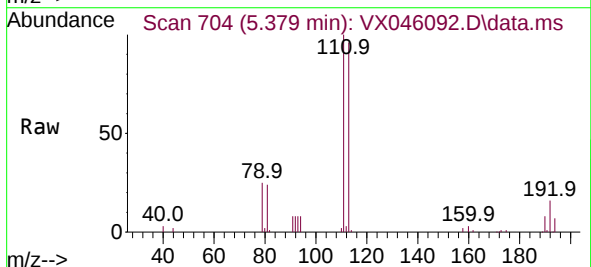
Instrument :
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ClientSampleId :
WC-B-2

Tgt Ion:114 Resp: 127321
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.077 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion:113 Resp: 45913
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 16.9 13.3 19.9

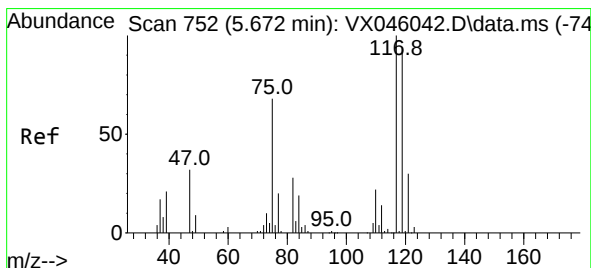
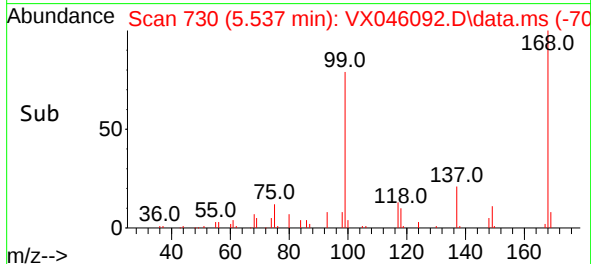
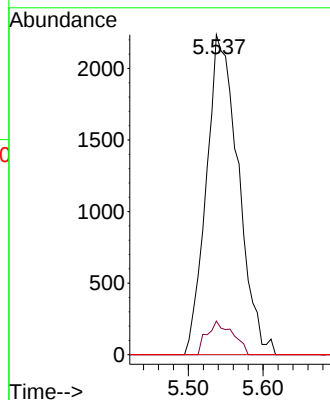
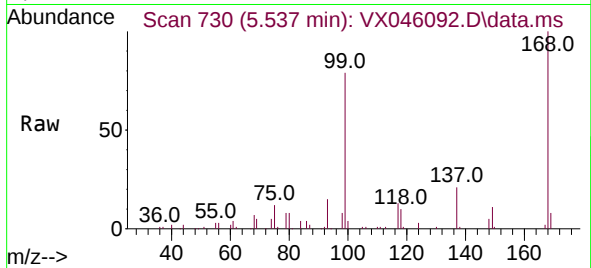




#36
1,1-Dichloropropene
Concen: 5.393 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

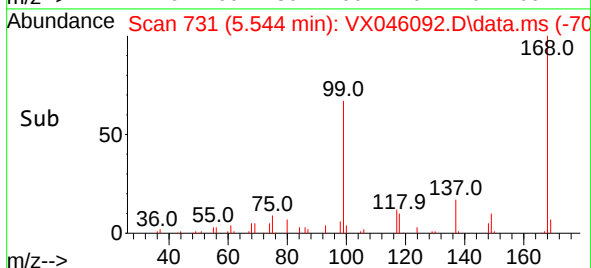
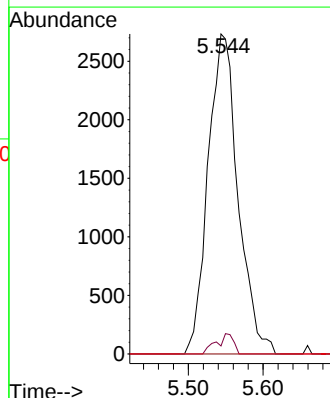
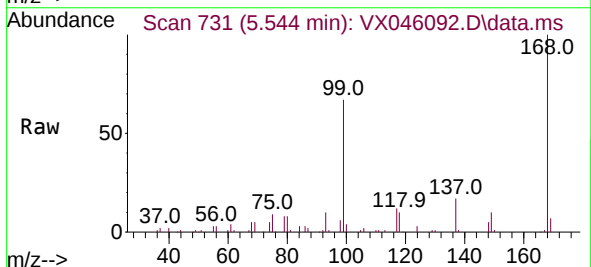
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

Tgt Ion: 75 Resp: 6643
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 117 Resp: 7630
Ion Ratio Lower Upper
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119 2.5 75.2 112.8#
121 0.0 24.2 36.4#

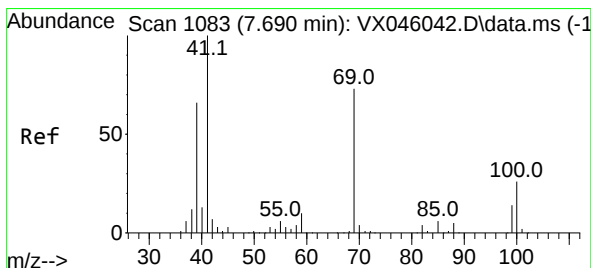
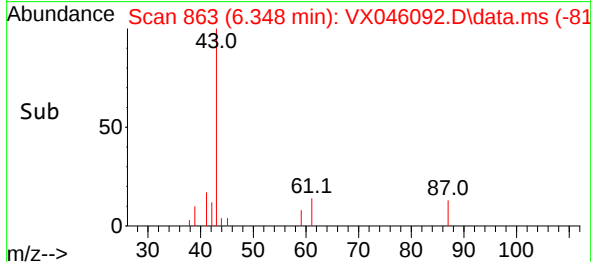
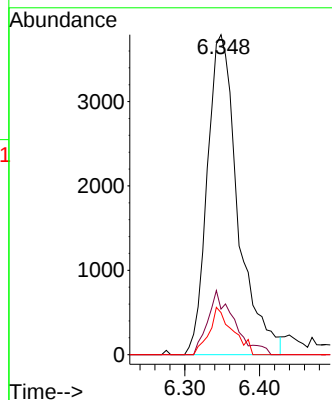
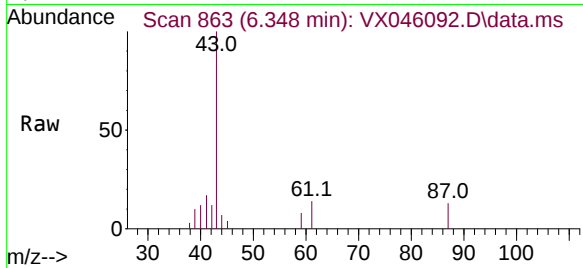




#43
Isopropyl Acetate
Concen: 4.643 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

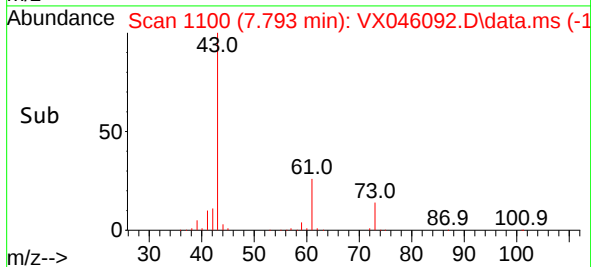
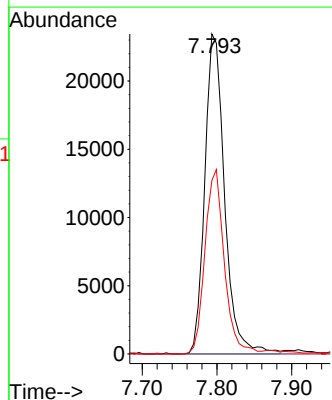
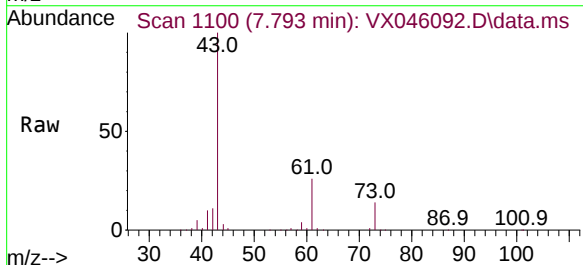
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

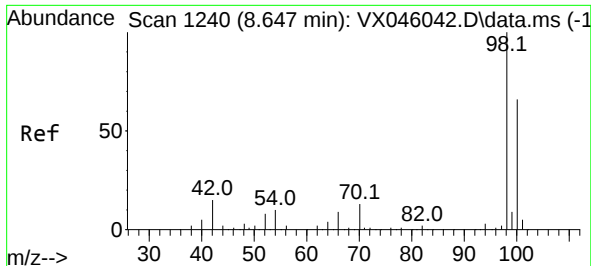
Tgt Ion: 43 Resp: 10781
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 11.2 9.5 14.3



#48
Methyl methacrylate
Concen: 36.381 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 41 Resp: 43141
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 56.5 51.7 77.5

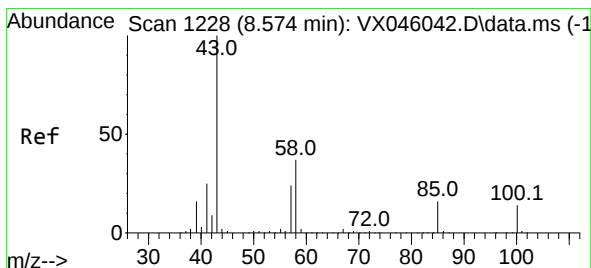
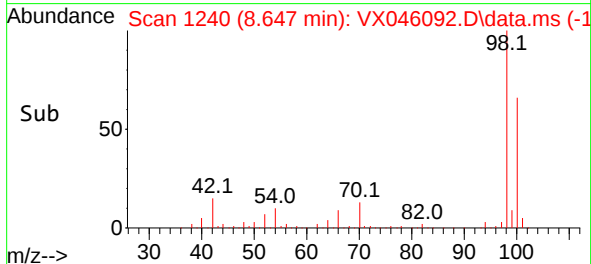
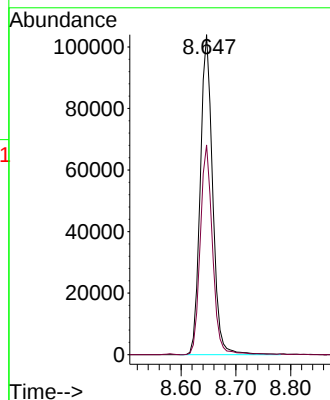
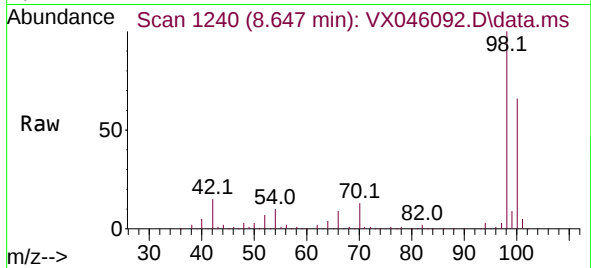




#50
Toluene-d8
Concen: 51.409 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

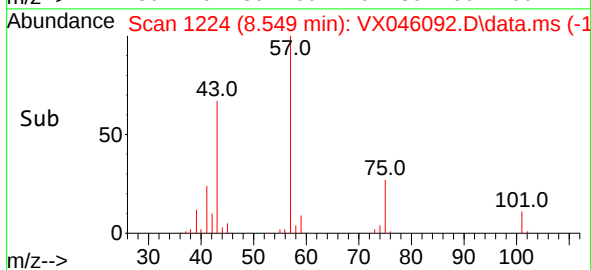
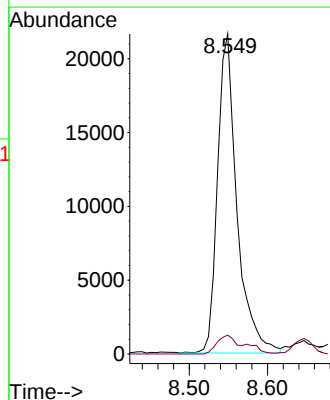
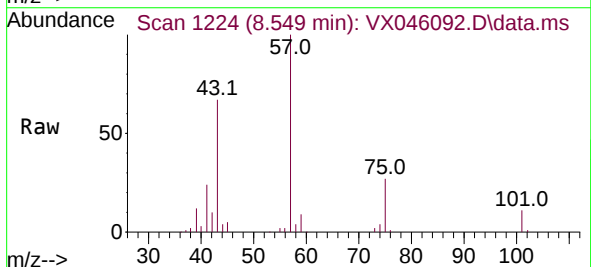
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

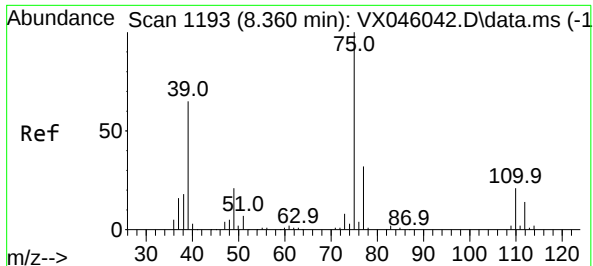
Tgt Ion: 98 Resp: 163137
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 24.196 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 43 Resp: 37291
Ion Ratio Lower Upper
43 100
58 5.9 28.9 43.3#

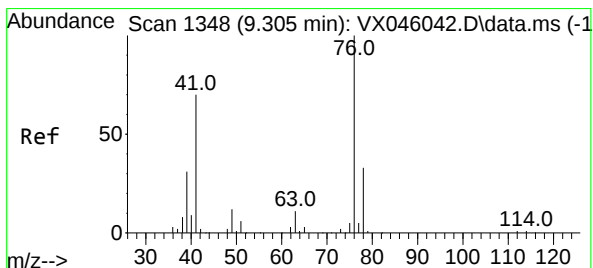
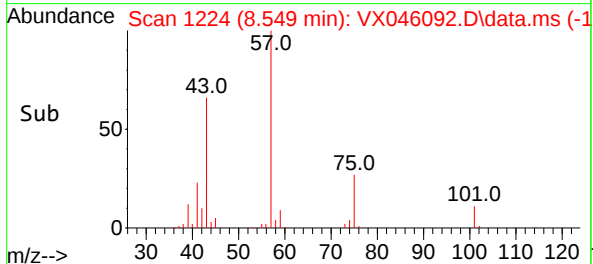
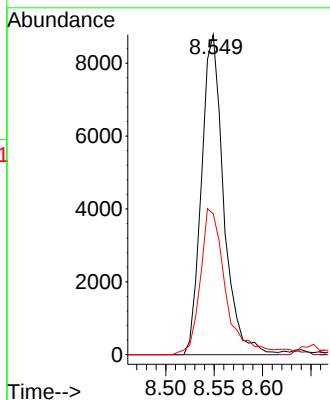
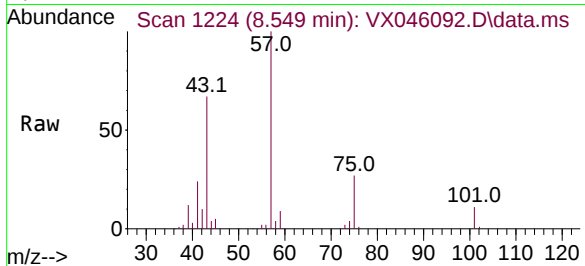




#54
 cis-1,3-Dichloropropene
 Concen: 10.281 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX046092.D
 Acq: 08 May 2025 15:39

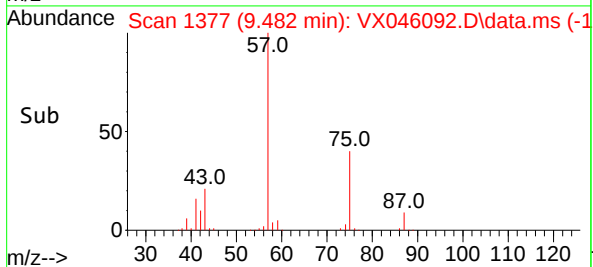
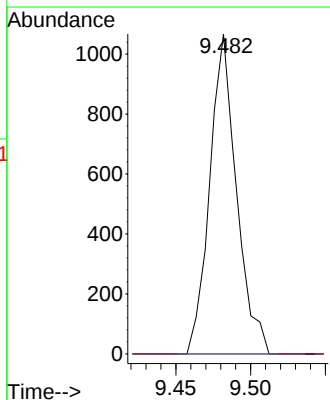
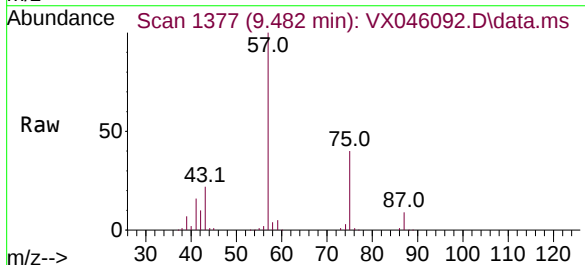
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-2

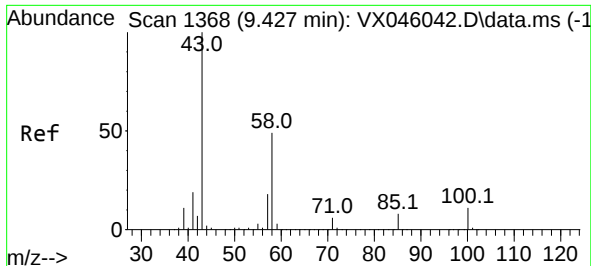
Tgt Ion: 75 Resp: 14077
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 43.3 52.2 78.4#



#57
 1,3-Dichloropropane
 Concen: 0.848 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX046092.D
 Acq: 08 May 2025 15:39

Tgt Ion: 76 Resp: 1328
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#

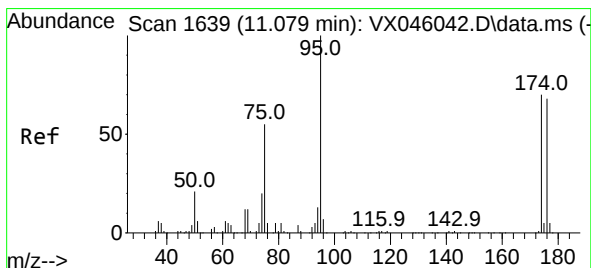
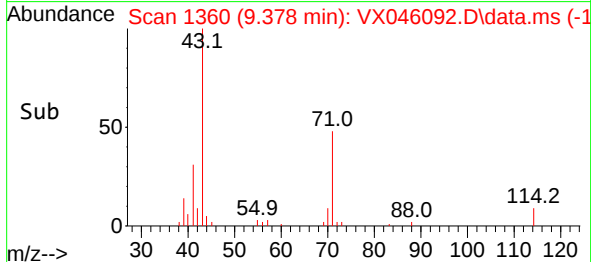
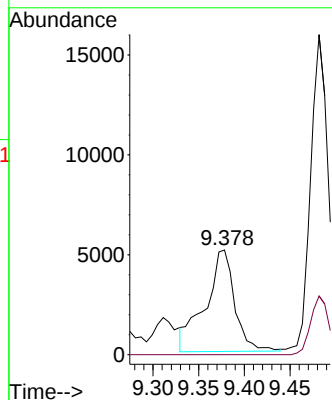
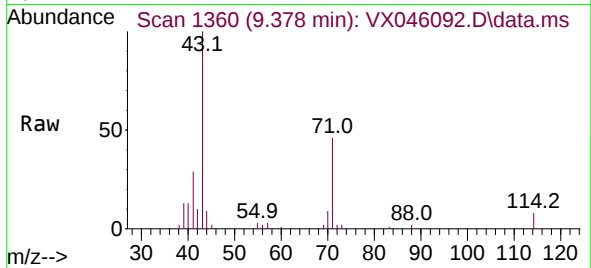




#59
2-Hexanone
Concen: 9.964 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

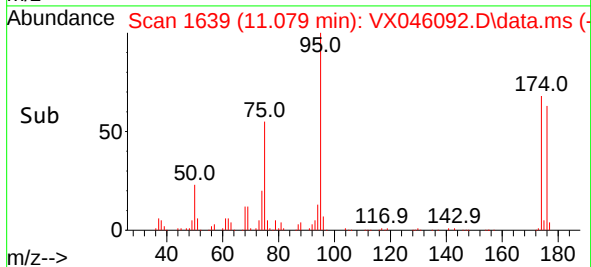
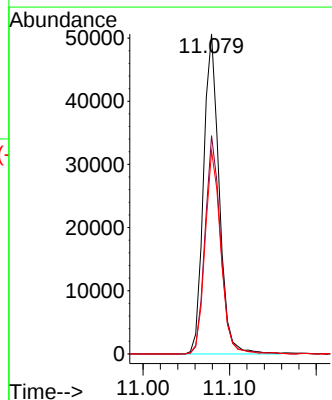
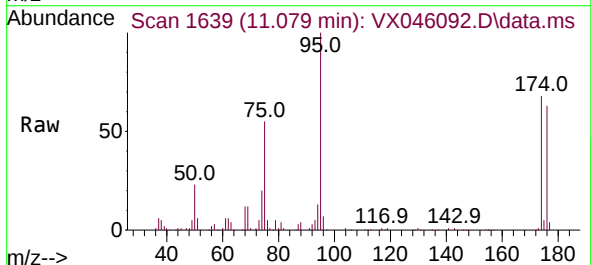
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

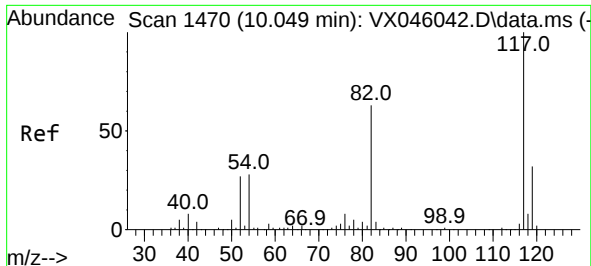
Tgt Ion: 43 Resp: 11362
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 52.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 95 Resp: 63434
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 63.9 0.0 131.4

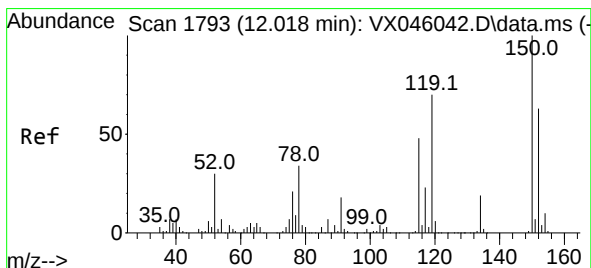
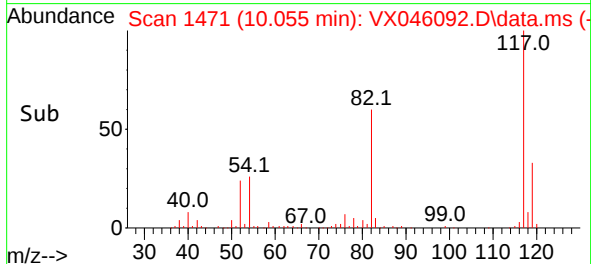
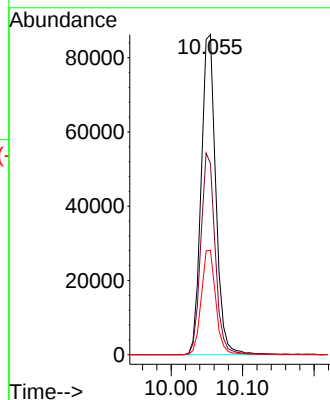
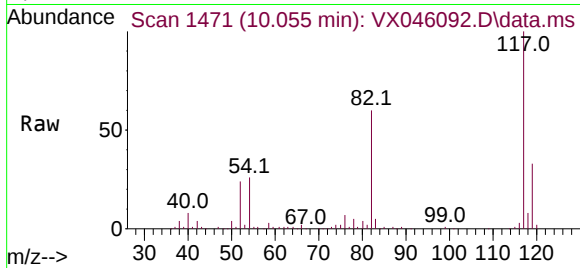




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

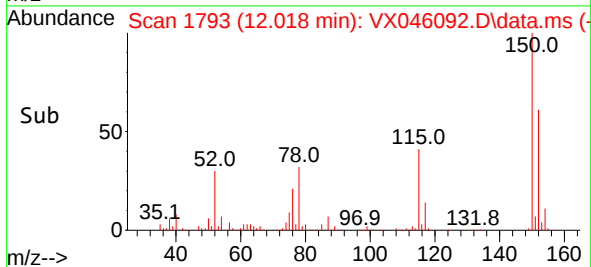
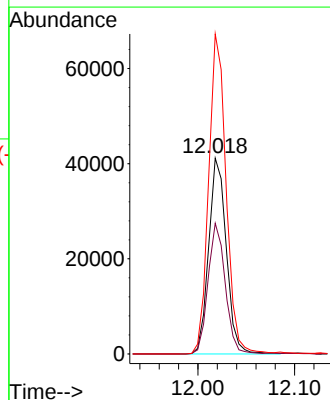
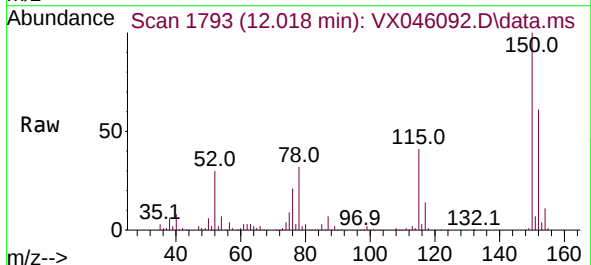
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

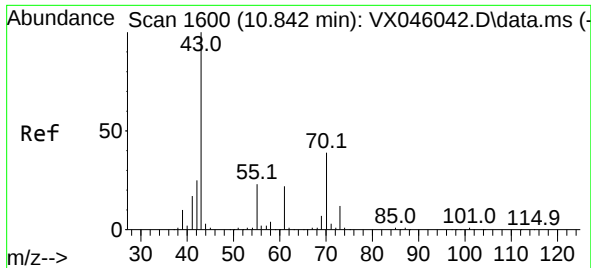
Tgt Ion:117 Resp: 122722
Ion Ratio Lower Upper
117 100
82 59.8 50.6 76.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion:152 Resp: 52412
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 161.0 0.0 351.0

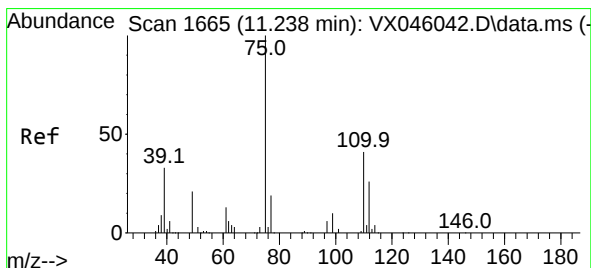
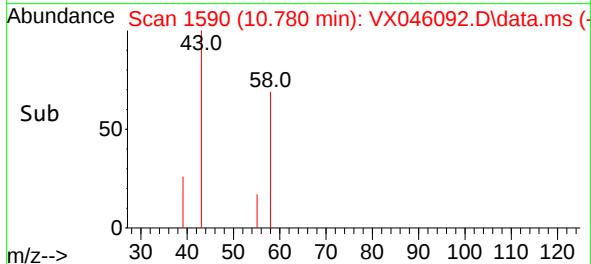
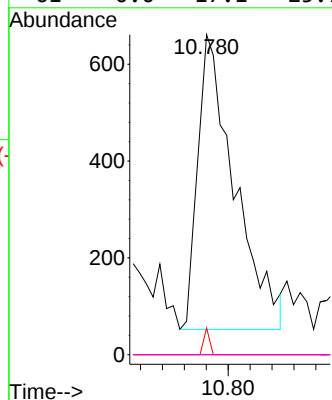
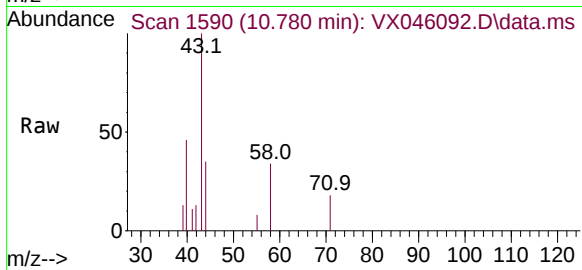




#74
N-amy1 acetate
Concen: 0.703 ug/l
RT: 10.780 min Scan# 1639
Delta R.T. -0.061 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

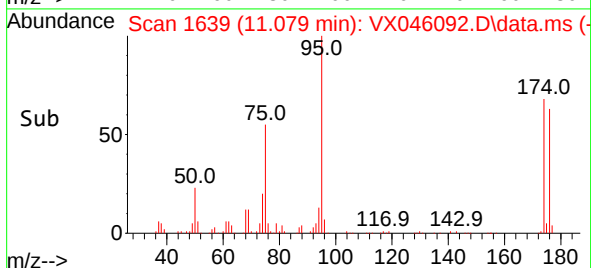
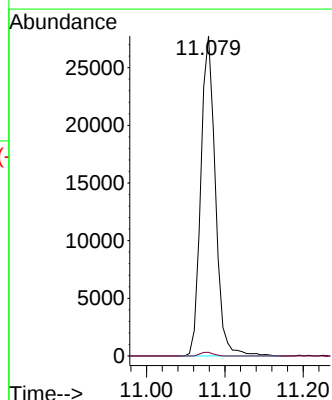
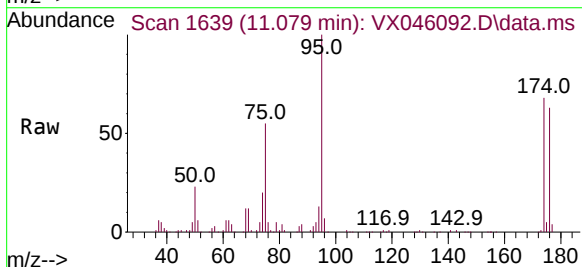
Instrument :
MSVOA_X
ClientSampleId :
WC-B-2

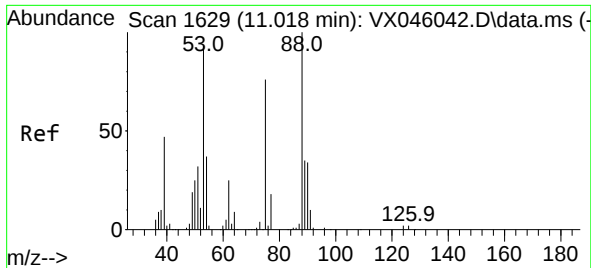
Tgt Ion: 43	Resp: 1417
Ion Ratio	Lower Upper
43 100	
70 0.0	30.9 46.3#
55 1.4	18.7 28.1#
61 0.0	17.1 25.7#



#76
1,2,3-Trichloropropane
Concen: 28.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046092.D
Acq: 08 May 2025 15:39

Tgt Ion: 75	Resp: 35937
Ion Ratio	Lower Upper
75 100	
77 1.0	20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.740 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046092.D
 Acq: 08 May 2025 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-2

Tgt Ion: 75 Resp: 35937
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

