

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046095.D
 Acq On : 08 May 2025 16:49
 Operator : JC/MD
 Sample : Q1972-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-1

Quant Time: May 09 01:58:34 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)

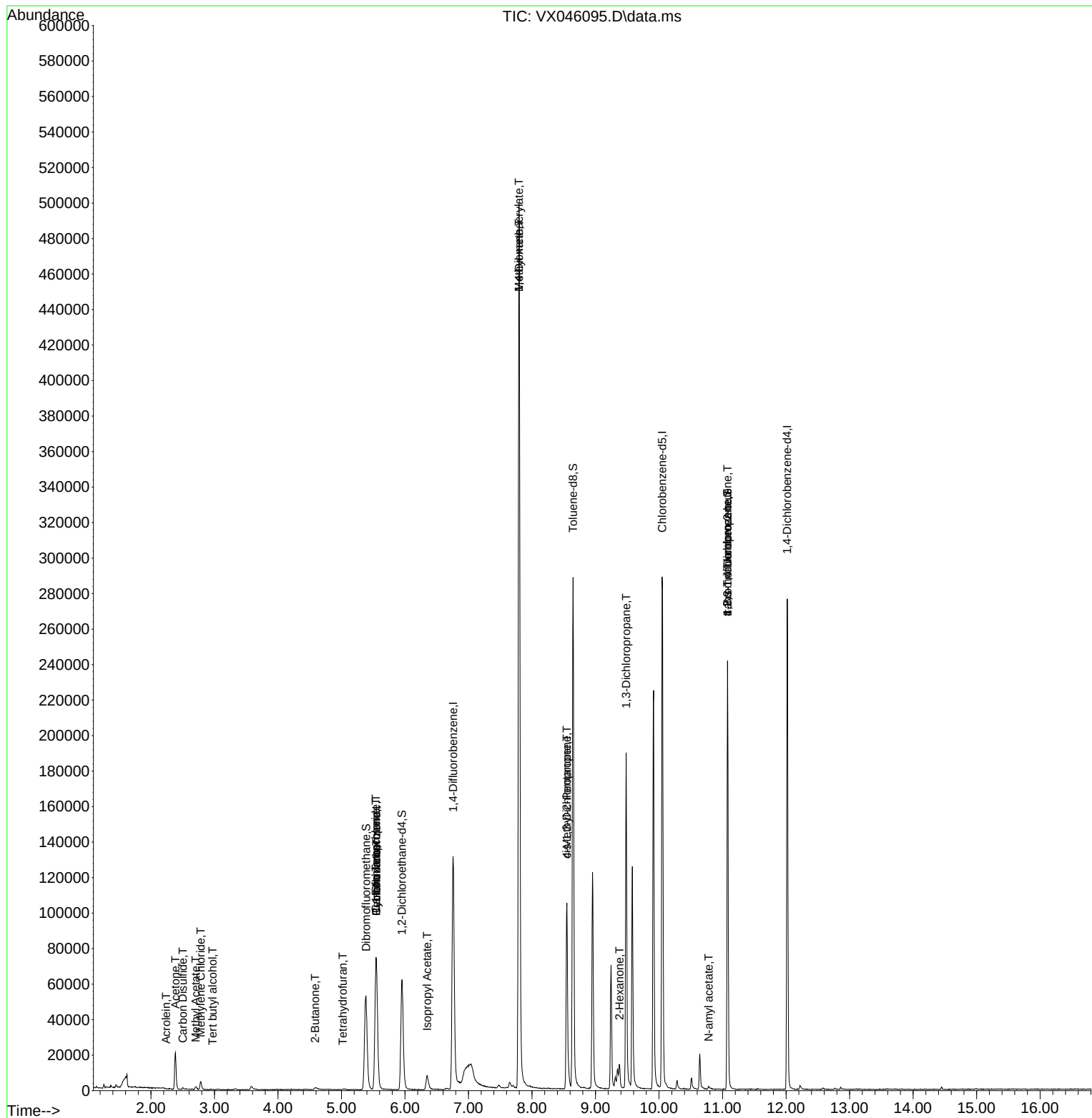
Internal Standards						
1) Pentafluorobenzene	5.550	168	63689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64746	54.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.385	113	46532	50.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.647	98	161352	50.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	11.079	95	62126	51.151	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	132	0.792	ug/l #	72
13) Acrolein	2.239	56	41	0.216	ug/l #	15
16) Acetone	2.386	43	22638	47.551	ug/l	98
17) Carbon Disulfide	2.501	76	1205	0.673	ug/l #	95
18) Methyl Acetate	2.703	43	2444	2.212	ug/l	98
20) Methylene Chloride	2.782	84	2093	2.294	ug/l	84
25) 2-Butanone	4.586	43	2837	4.105	ug/l	97
29) Tetrahydrofuran	5.019	42	109	0.252	ug/l #	35
31) Cyclohexane	5.550	56	1880	1.329	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	6175	5.024	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7705	5.579	ug/l #	18
43) Isopropyl Acetate	6.348	43	12256	5.290	ug/l	98
48) Methyl methacrylate	7.793	41	50333	42.540	ug/l #	48
49) 1,4-Dioxane	7.793	88	21	0.935	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	41289	26.849	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	15991	11.705	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	1436	0.919	ug/l #	42
59) 2-Hexanone	9.378	43	12749	11.206	ug/l #	28
74) N-amyl acetate	10.780	43	1388	0.703	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	35770	28.976	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35770	94.336	ug/l #	1

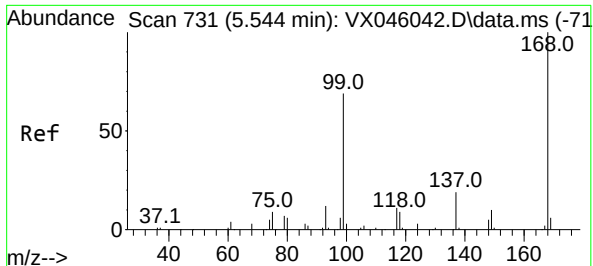
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

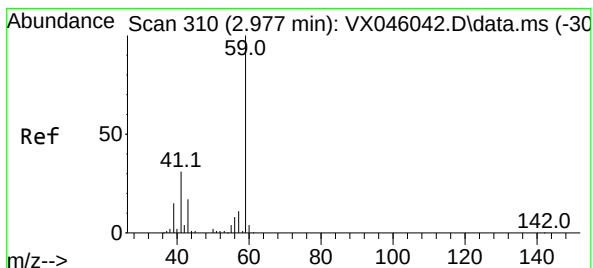
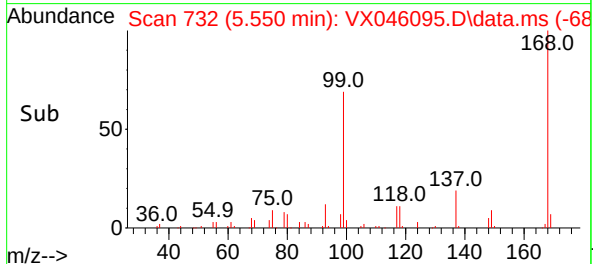
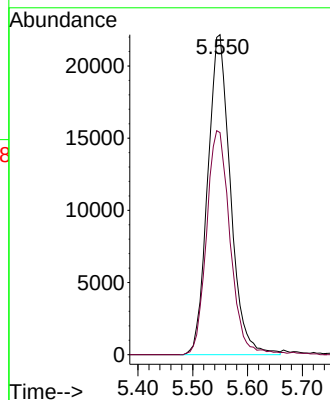
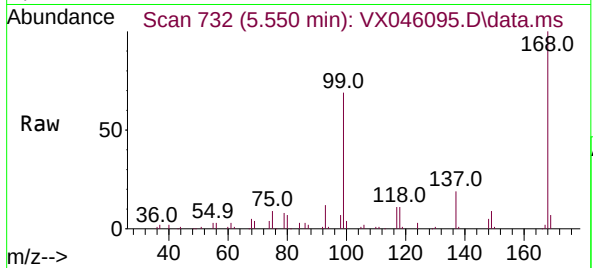




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

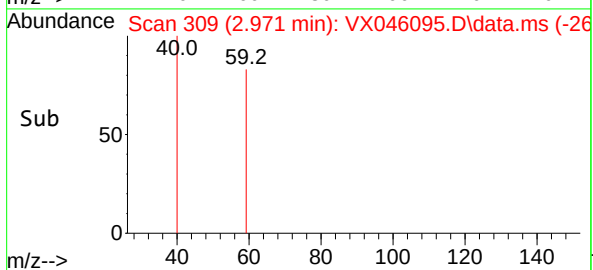
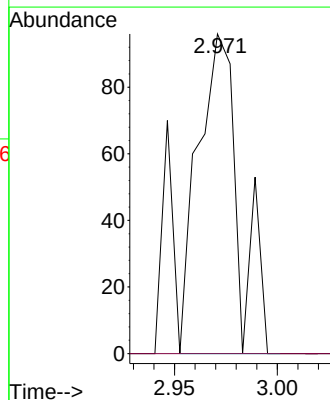
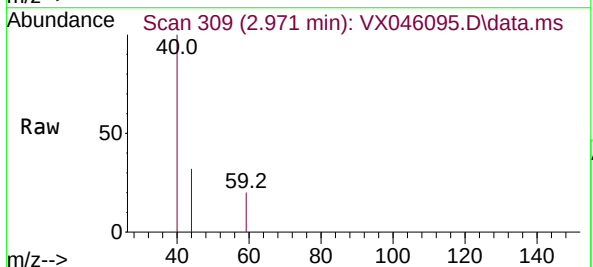
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

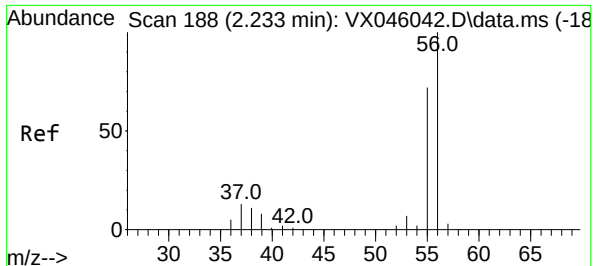
Tgt Ion:168 Resp: 63689
Ion Ratio Lower Upper
168 100
99 69.4 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.792 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

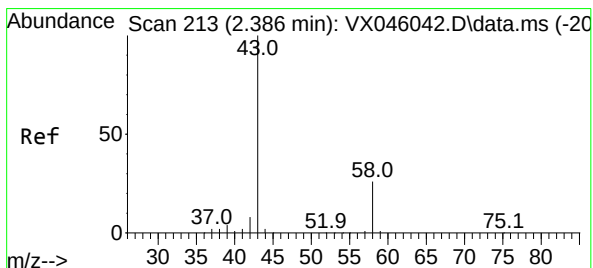
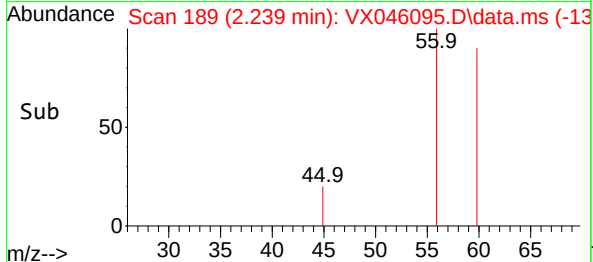
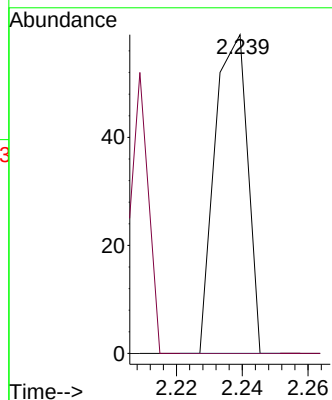
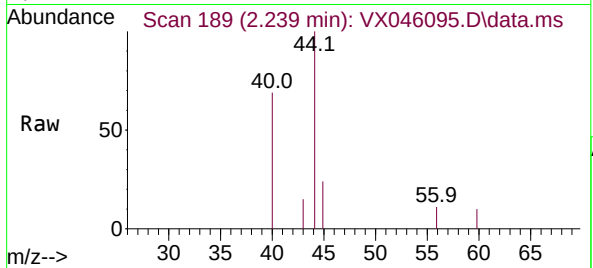




#13
Acrolein
Concen: 0.216 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

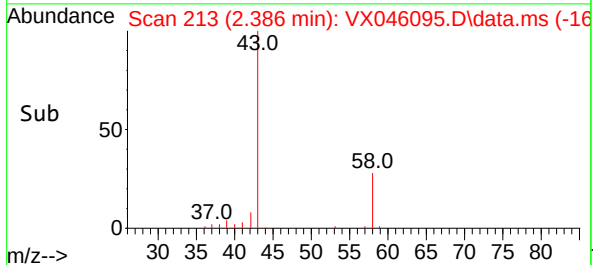
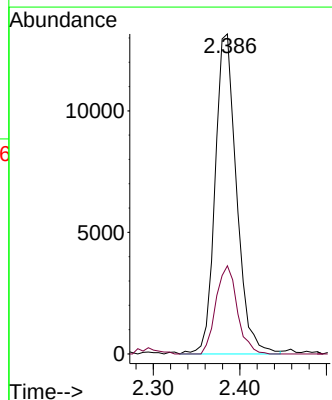
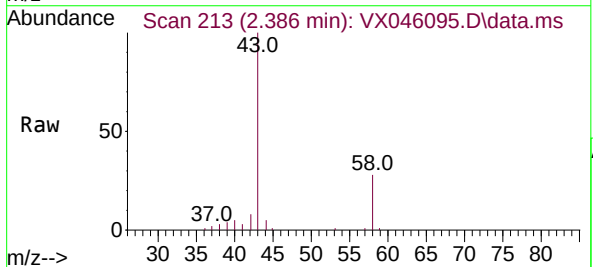
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

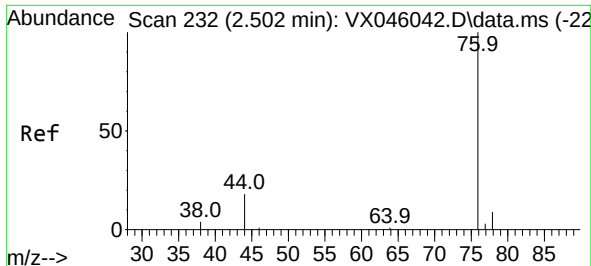
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#16
Acetone
Concen: 47.551 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 43 Resp: 22638
Ion Ratio Lower Upper
43 100
58 27.5 21.2 31.8





#17

Carbon Disulfide

Concen: 0.673 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Instrument :

MSVOA_X

ClientSampleId :

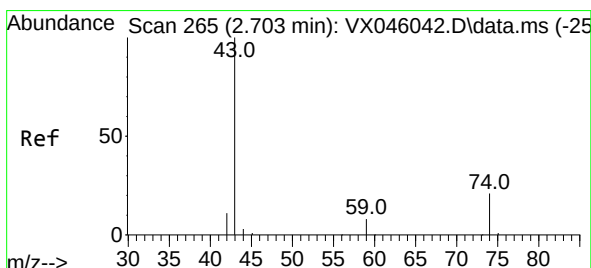
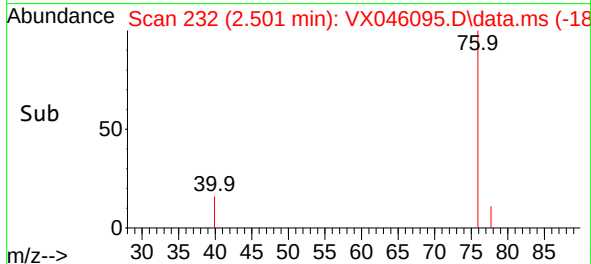
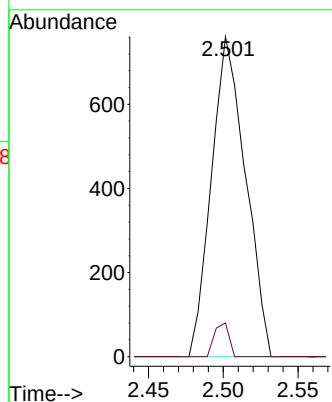
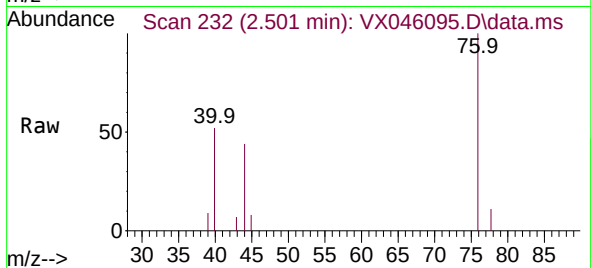
WC-B-1

Tgt Ion: 76 Resp: 1205

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.4#



#18

Methyl Acetate

Concen: 2.212 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046095.D

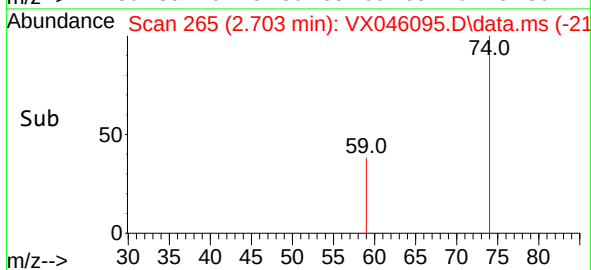
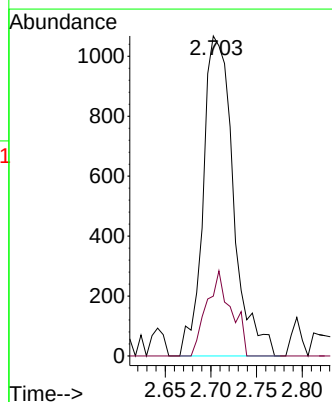
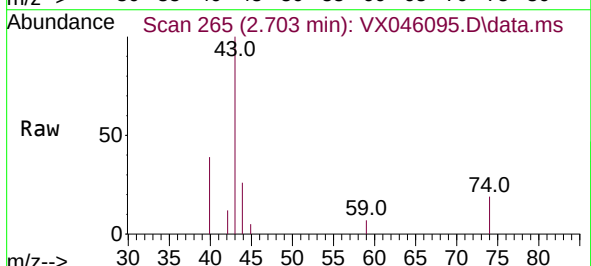
Acq: 08 May 2025 16:49

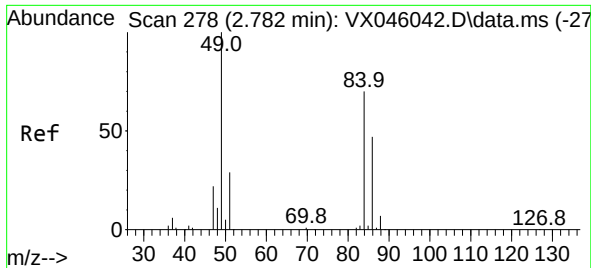
Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

74 21.8 16.7 25.1

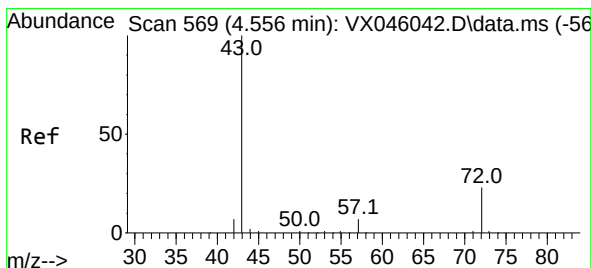
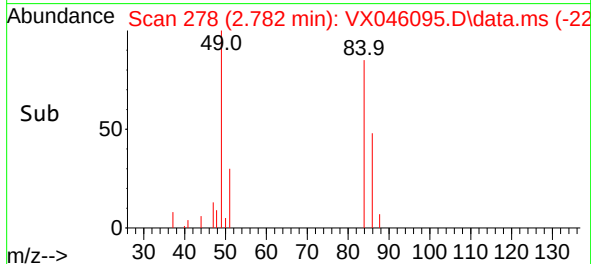
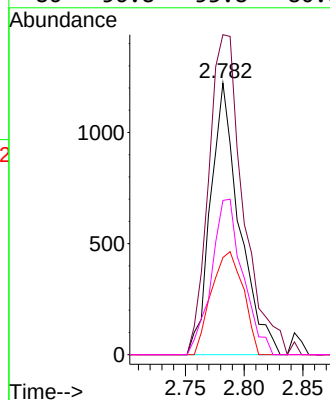
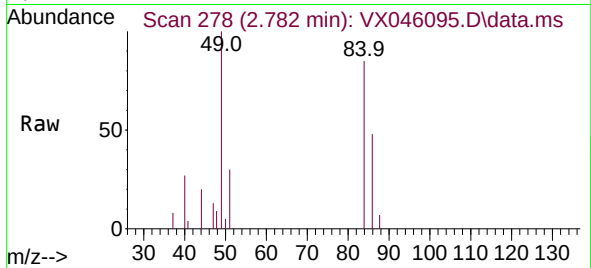




#20
Methylene Chloride
Concen: 2.294 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

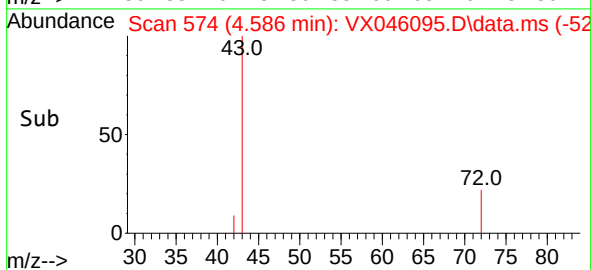
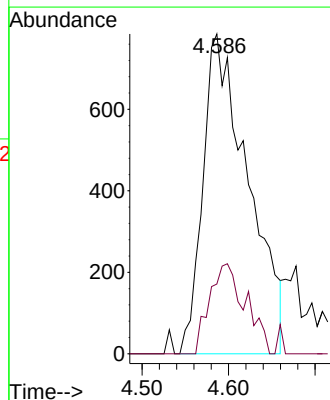
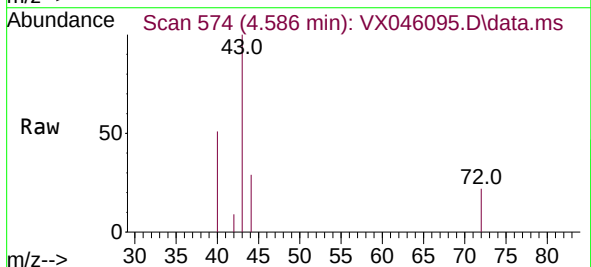
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

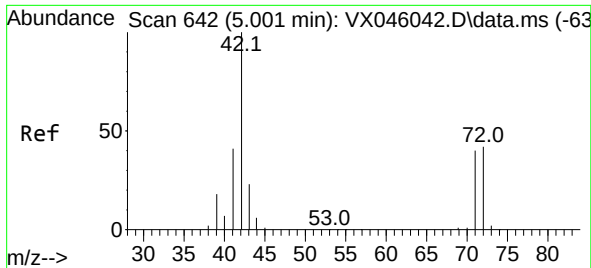
Tgt Ion: 84	Resp: 2093
Ion Ratio	Lower Upper
84 100	
49 117.8	113.9 170.9
51 35.8	33.5 50.3
86 56.8	53.8 80.8



#25
2-Butanone
Concen: 4.105 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 43	Resp: 2837		
Ion Ratio	Lower	Upper	
43 100			
72 21.8	18.4	27.6	





#29

Tetrahydrofuran

Concen: 0.252 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Instrument :

MSVOA_X

ClientSampleId :

WC-B-1

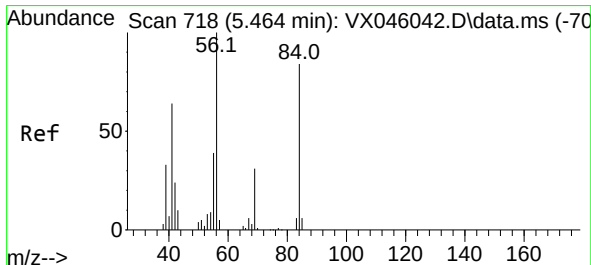
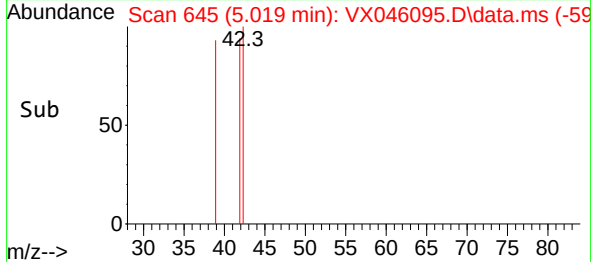
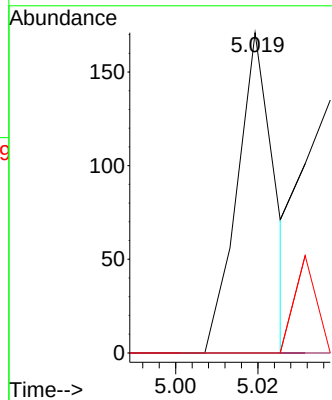
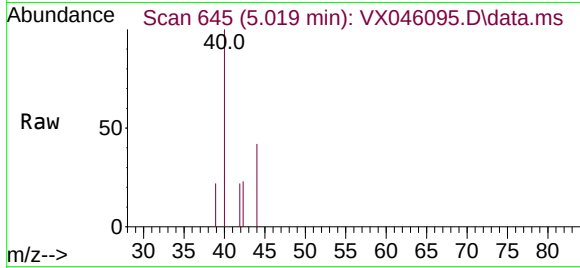
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.4 47.2#



#31

Cyclohexane

Concen: 1.329 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

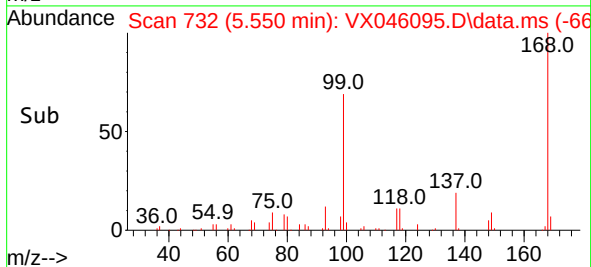
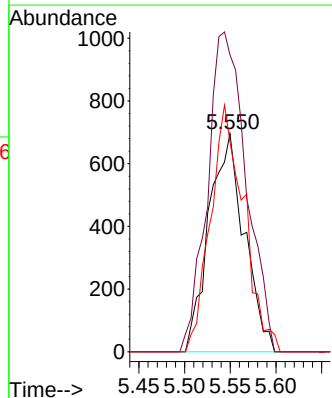
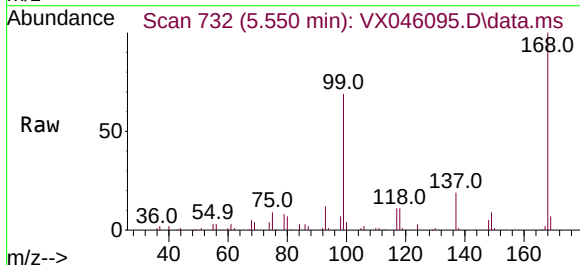
Tgt Ion: 56 Resp: 1880

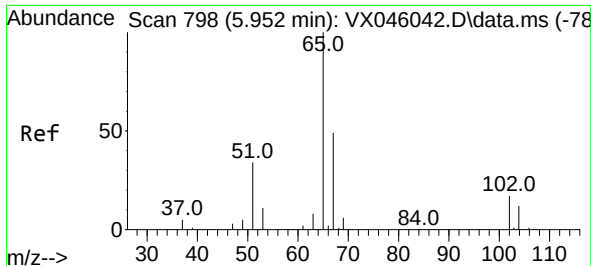
Ion Ratio Lower Upper

56 100

69 136.1 24.4 36.6#

84 96.3 66.9 100.3

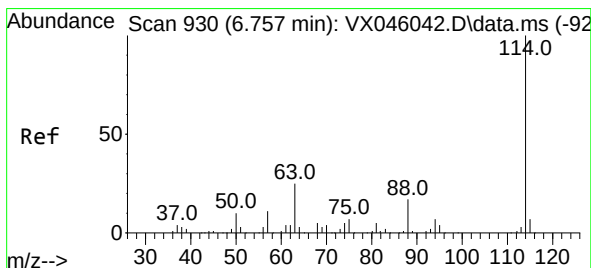
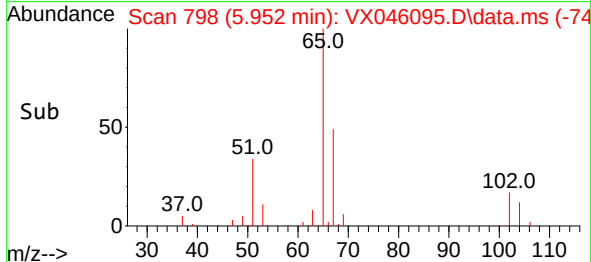
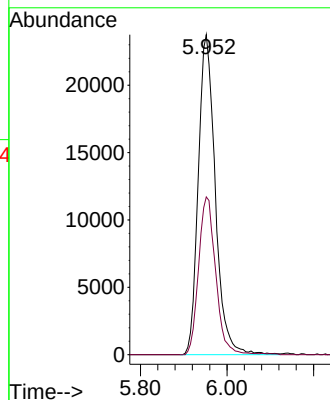
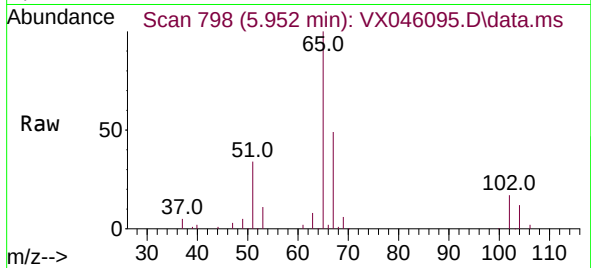




#33
 1,2-Dichloroethane-d4
 Concen: 54.529 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046095.D
 Acq: 08 May 2025 16:49

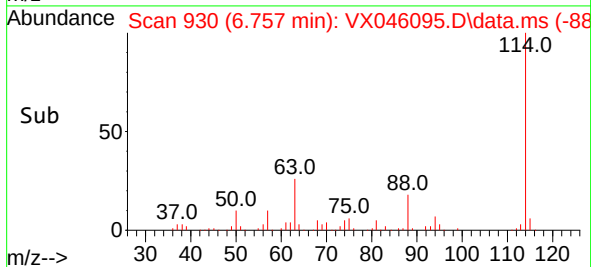
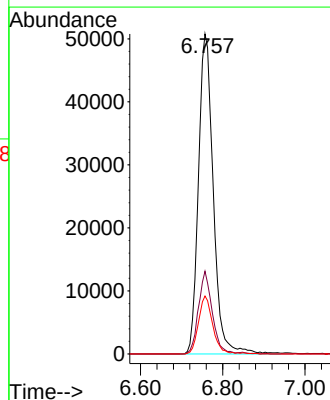
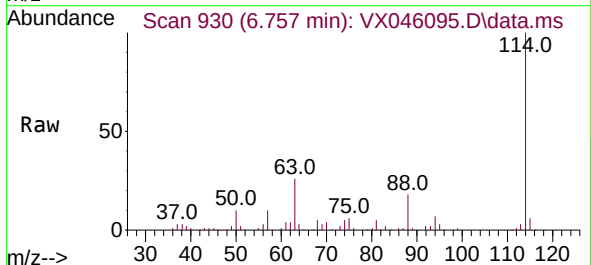
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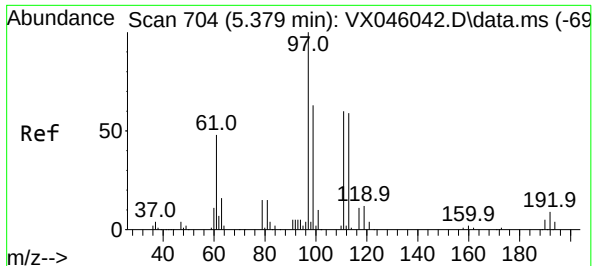
Tgt Ion: 65 Resp: 64746
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046095.D
 Acq: 08 May 2025 16:49

Tgt Ion: 114 Resp: 127040
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 18.1 0.0 33.6

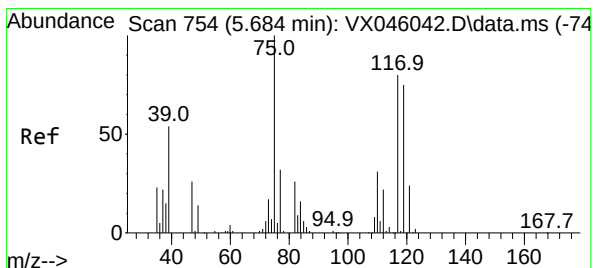
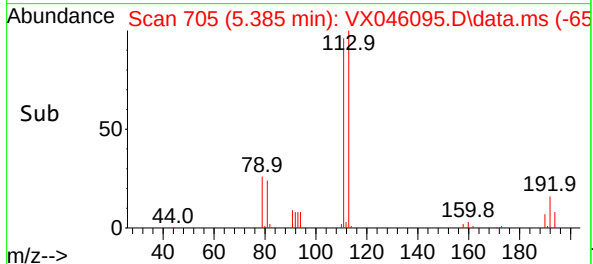
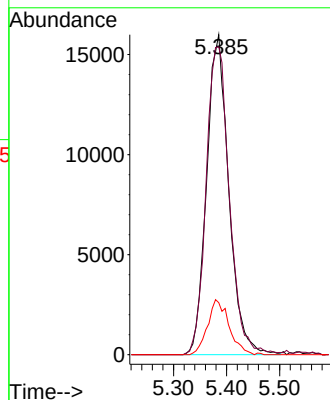
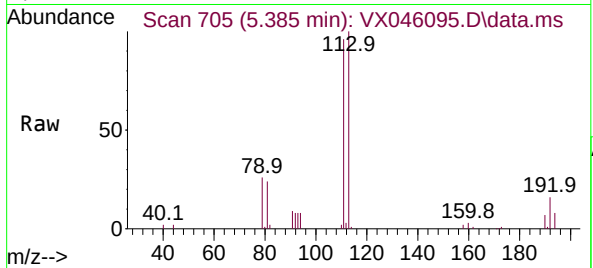




#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

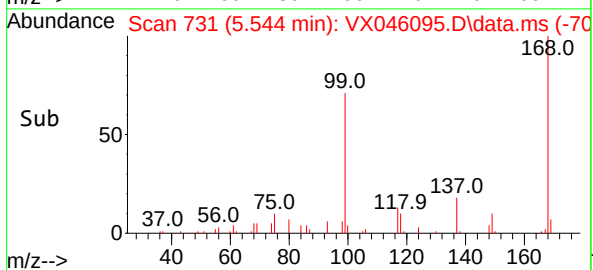
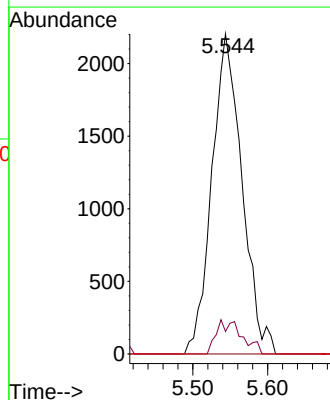
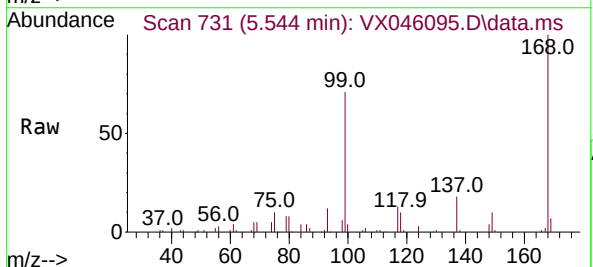
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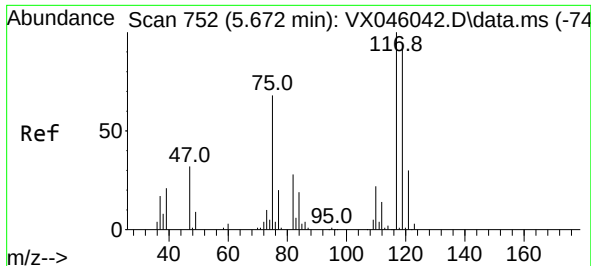
Tgt Ion:113 Resp: 46532
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

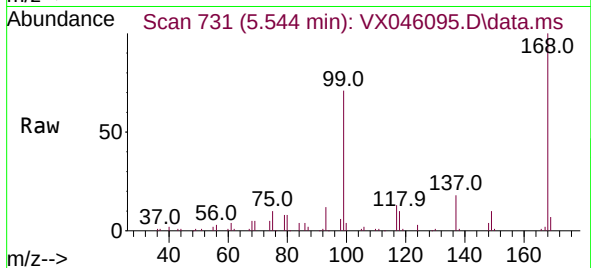
Tgt Ion: 75 Resp: 6175
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



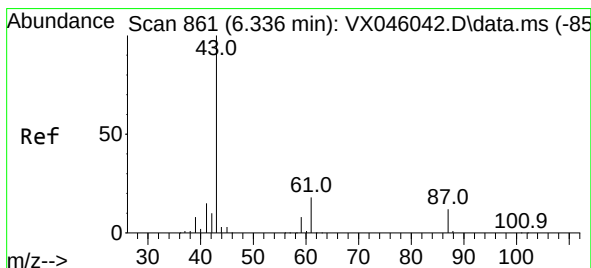
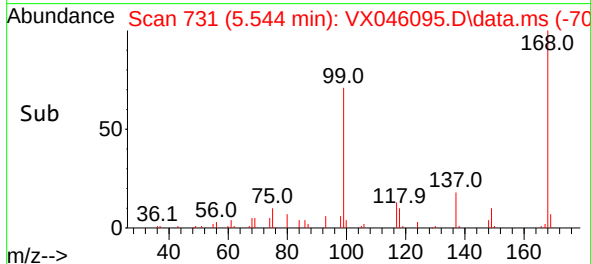
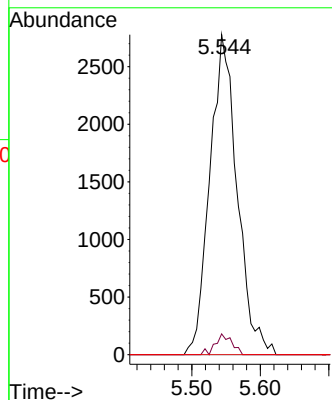


#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

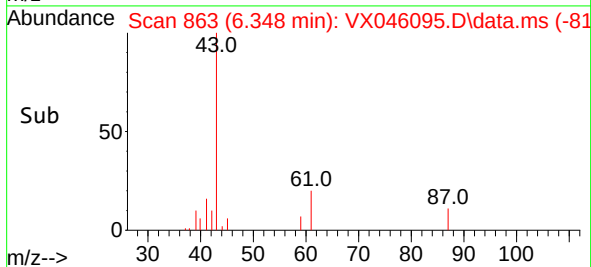
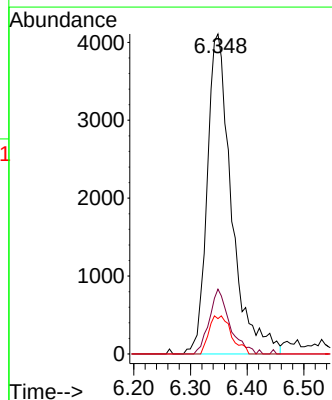
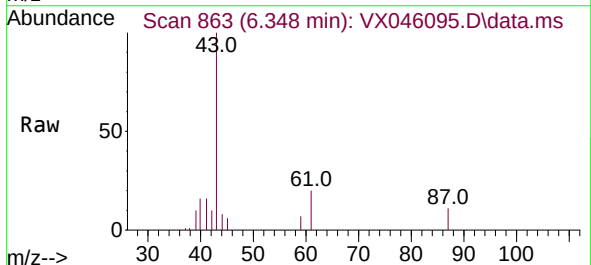


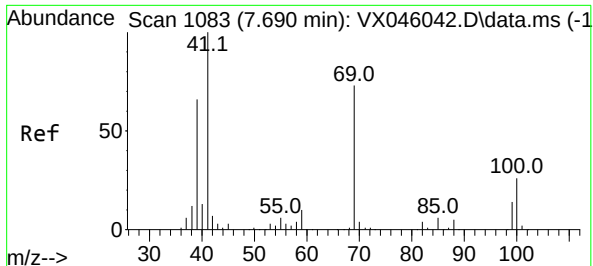
Tgt Ion:117 Resp: 7705
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 5.290 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 43 Resp: 12256
Ion Ratio Lower Upper
43 100
61 17.1 14.3 21.5
87 10.9 9.5 14.3

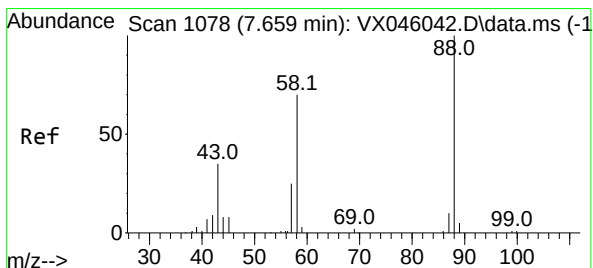
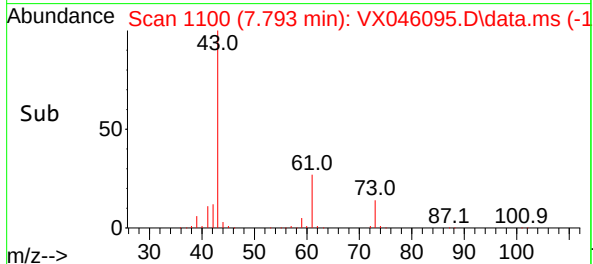
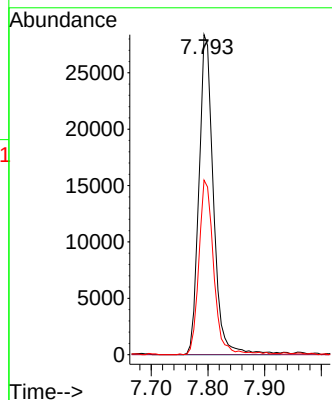
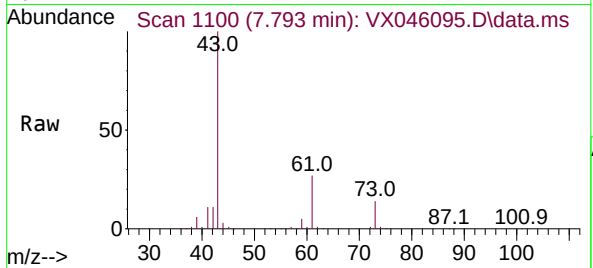




#48
Methyl methacrylate
Concen: 42.540 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

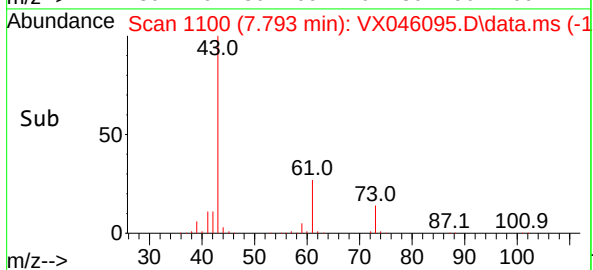
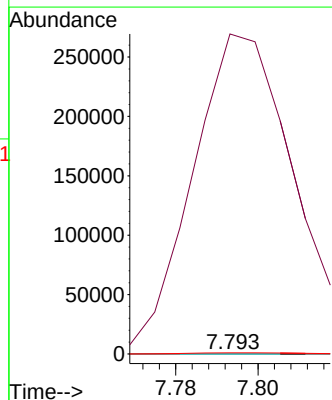
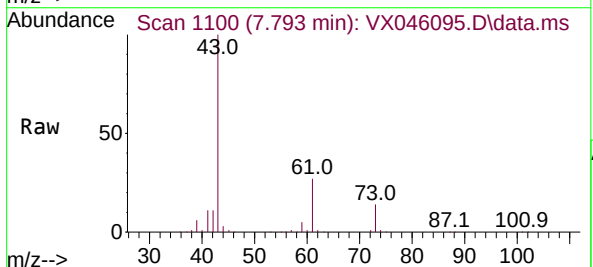
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

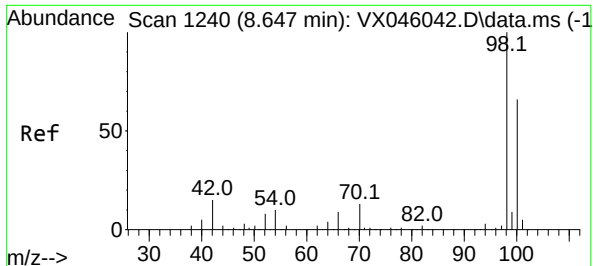
Tgt Ion: 41 Resp: 50333
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 55.7 51.7 77.5



#49
1,4-Dioxane
Concen: 0.935 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 2310838.1 33.4 50.2#
58 9404.8 58.6 88.0#

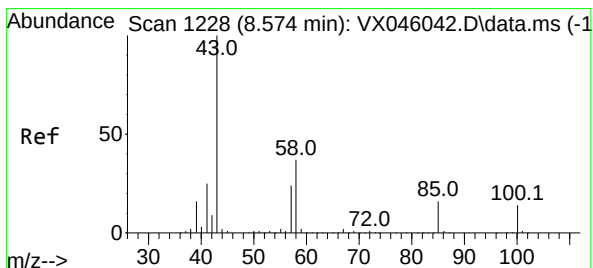
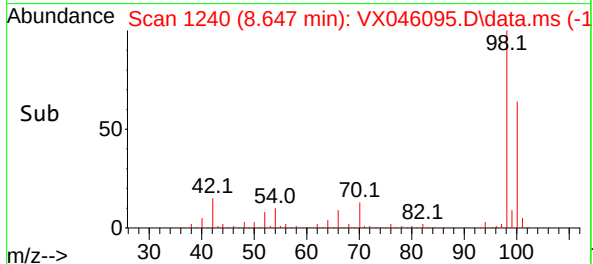
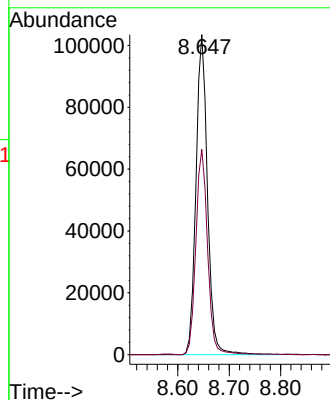
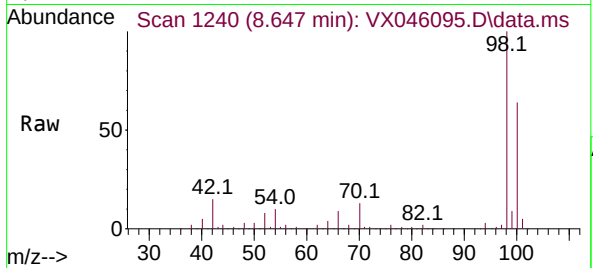




#50
Toluene-d8
Concen: 50.959 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

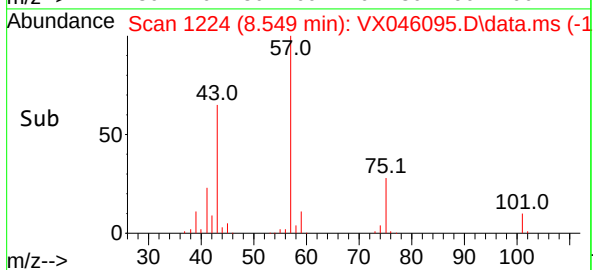
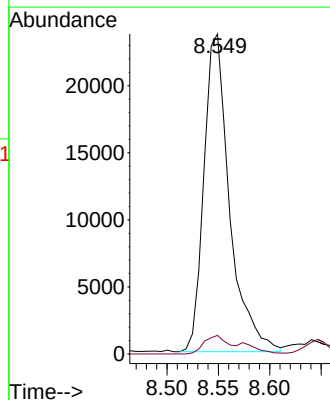
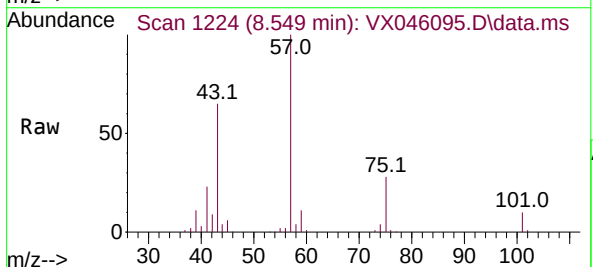
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

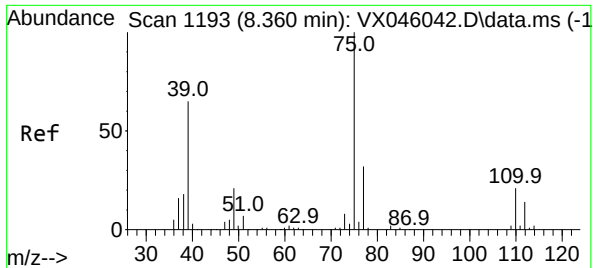
Tgt Ion: 98 Resp: 161352
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 26.849 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 43 Resp: 41289
Ion Ratio Lower Upper
43 100
58 5.6 28.9 43.3#

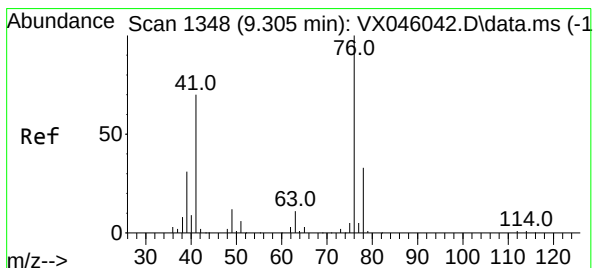
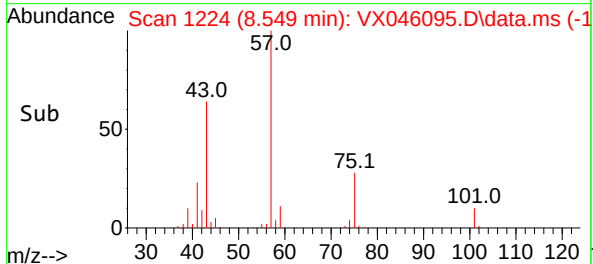
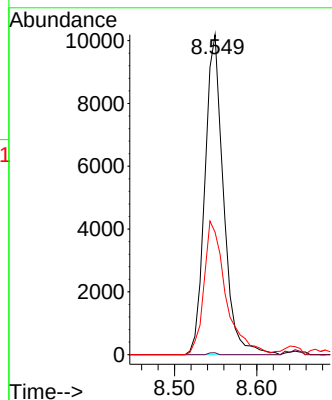
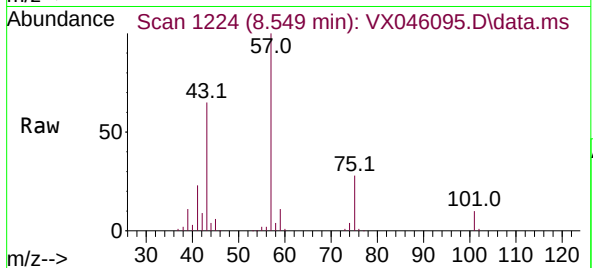




#54
cis-1,3-Dichloropropene
Concen: 11.705 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

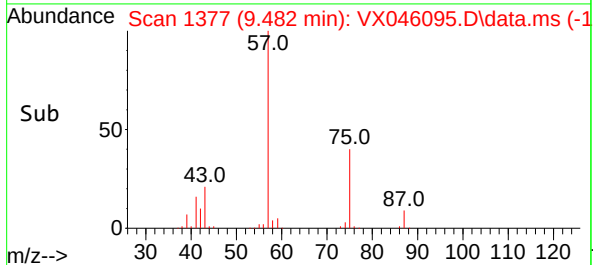
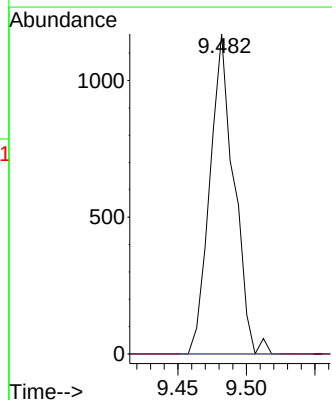
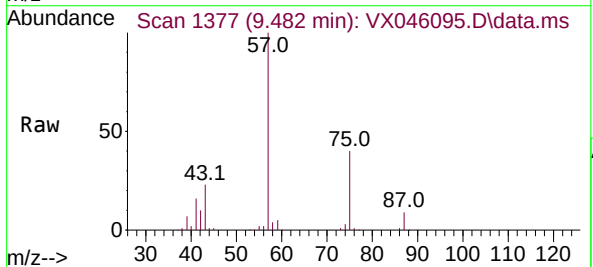
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

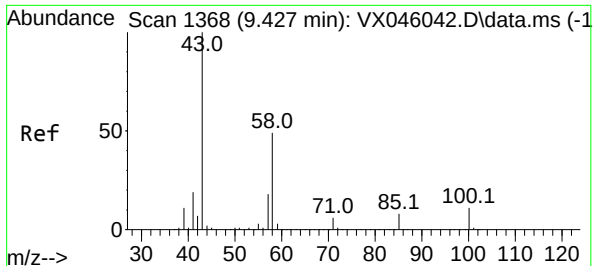
Tgt Ion: 75 Resp: 15991
Ion Ratio Lower Upper
75 100
77 0.6 25.4 38.0#
39 38.3 52.2 78.4#



#57
1,3-Dichloropropane
Concen: 0.919 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 76 Resp: 1436
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#

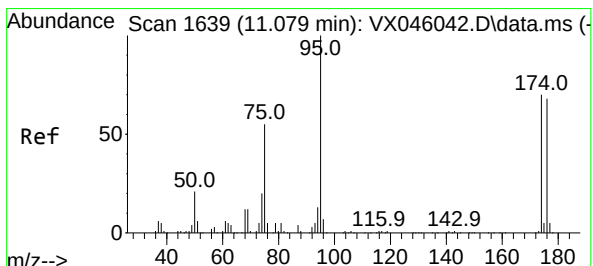
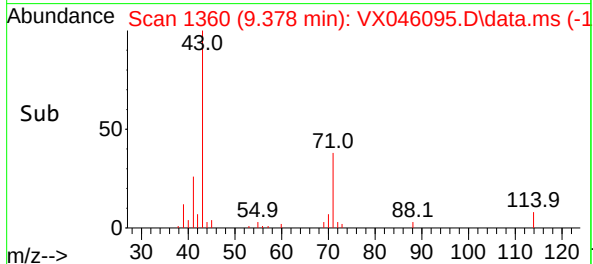
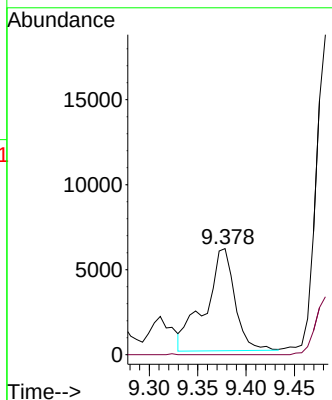
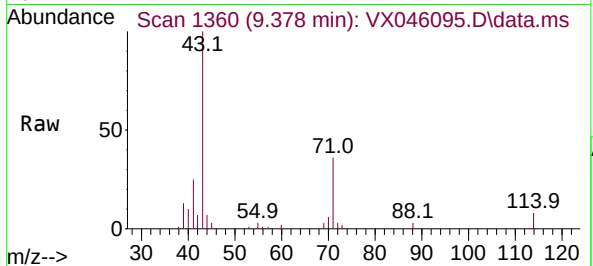




#59
2-Hexanone
Concen: 11.206 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

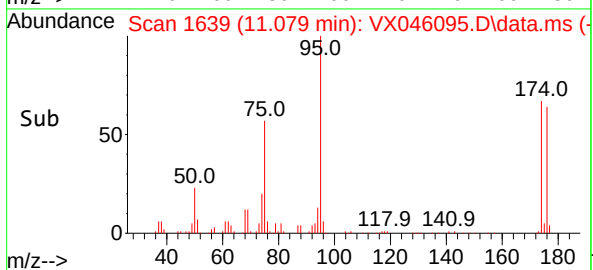
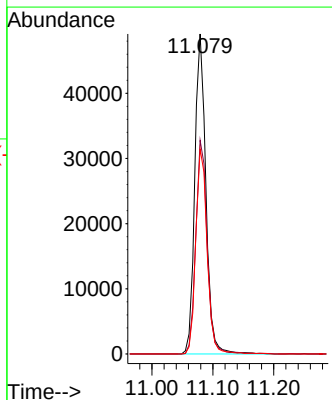
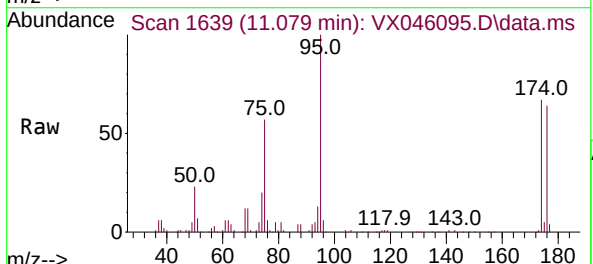
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

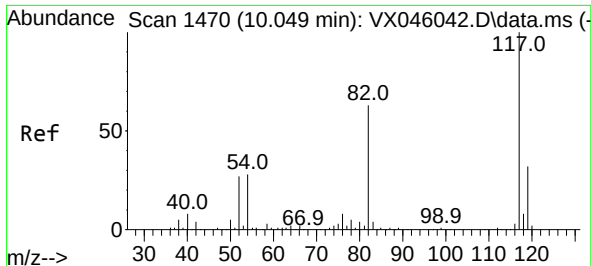
Tgt Ion: 43 Resp: 12749
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 51.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion: 95 Resp: 62126
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.3 0.0 131.4

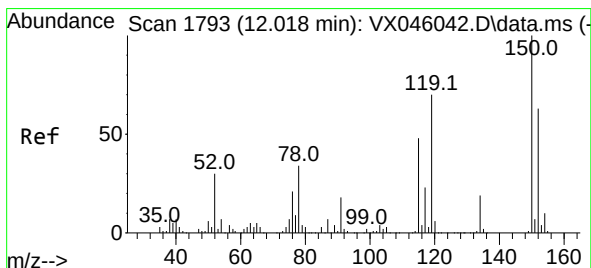
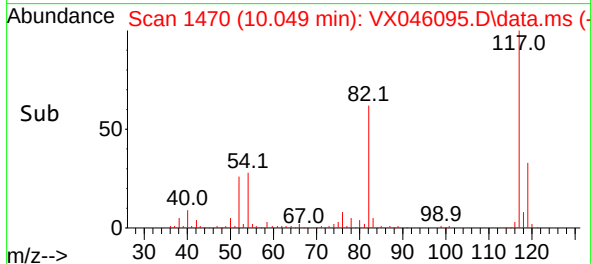
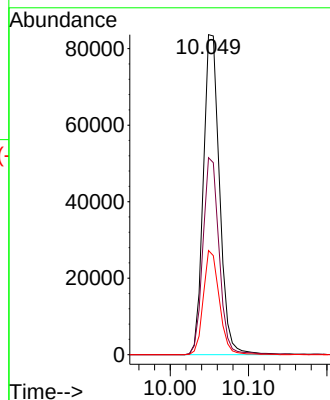
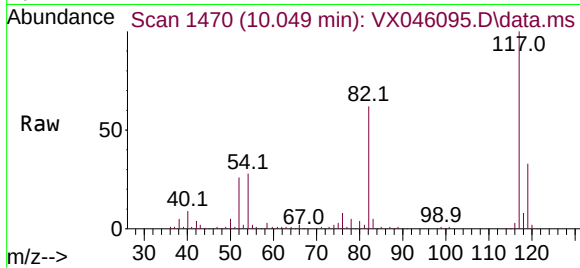




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

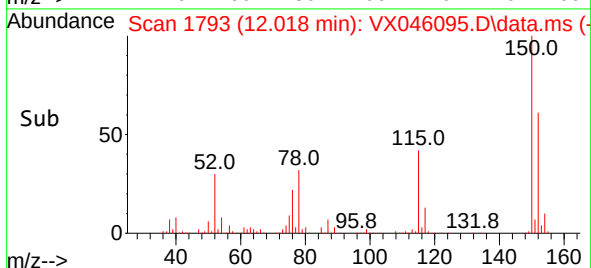
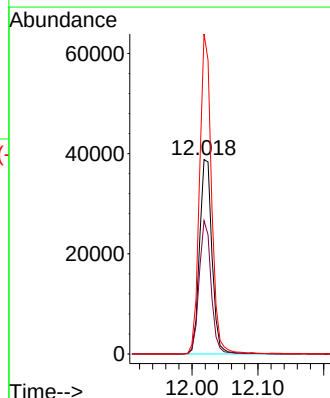
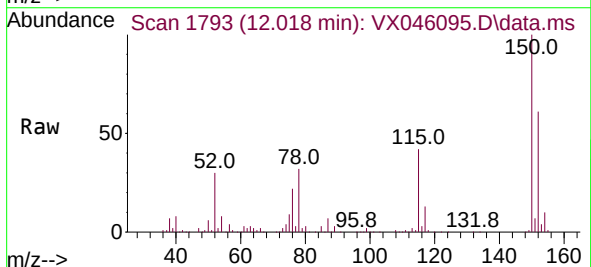
Instrument :
MSVOA_X
ClientSampleId :
WC-B-1

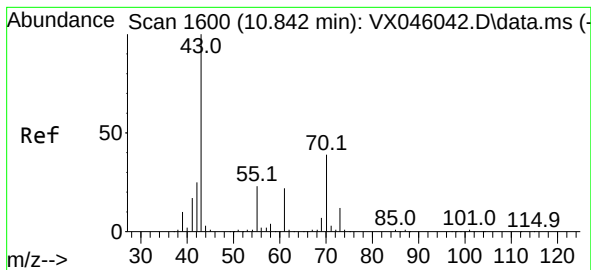
Tgt Ion:117 Resp: 120467
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046095.D
Acq: 08 May 2025 16:49

Tgt Ion:152 Resp: 51286
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.1 0.0 351.0





#74

N-amy1 acetate

Concen: 0.703 ug/l

RT: 10.780 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX046095.D

Acq: 08 May 2025 16:49

Instrument :

MSVOA_X

ClientSampleId :

WC-B-1

Tgt Ion: 43 Resp: 1388

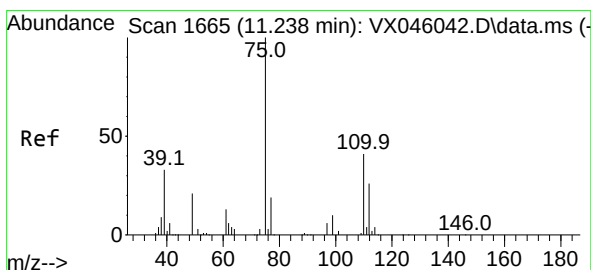
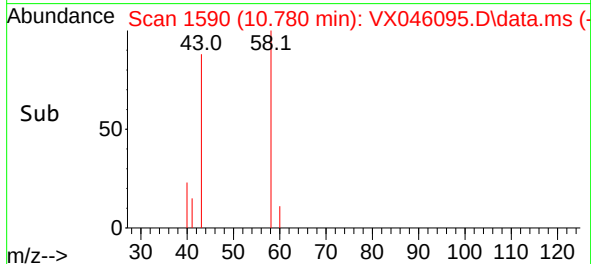
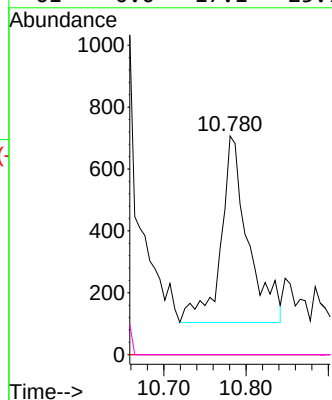
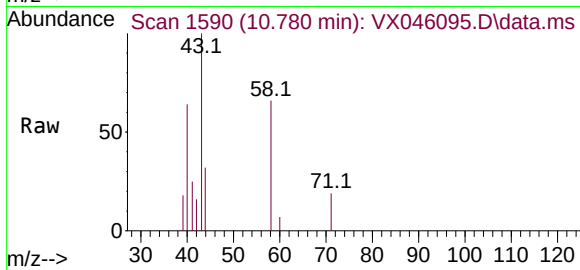
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 0.0 18.7 28.1#

61 0.0 17.1 25.7#



#76

1,2,3-Trichloropropane

Concen: 28.976 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046095.D

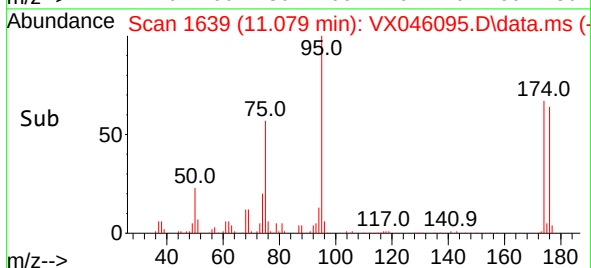
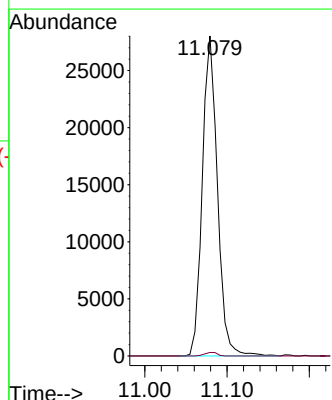
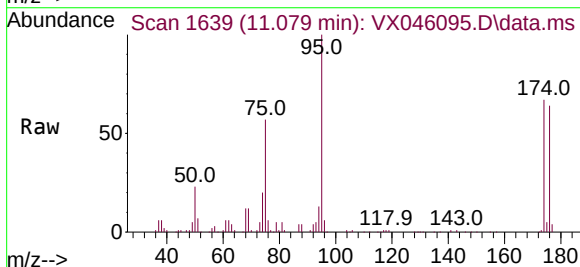
Acq: 08 May 2025 16:49

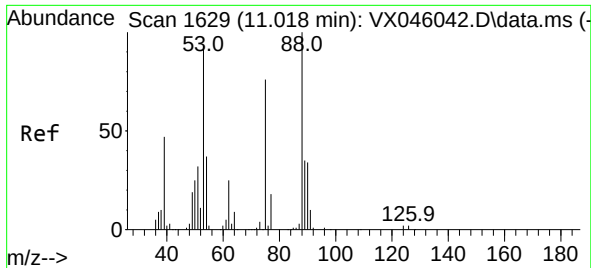
Tgt Ion: 75 Resp: 35770

Ion Ratio Lower Upper

75 100

77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.336 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046095.D
 Acq: 08 May 2025 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-B-1

Tgt Ion: 75 Resp: 35770
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

