

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009285.D
 Acq On : 02 May 2019 19:59
 Operator : JC/SP
 Sample : K2659-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW598-190429

Quant Time: May 03 02:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121920	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	5.50	113	90609	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	368688	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	118917	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	

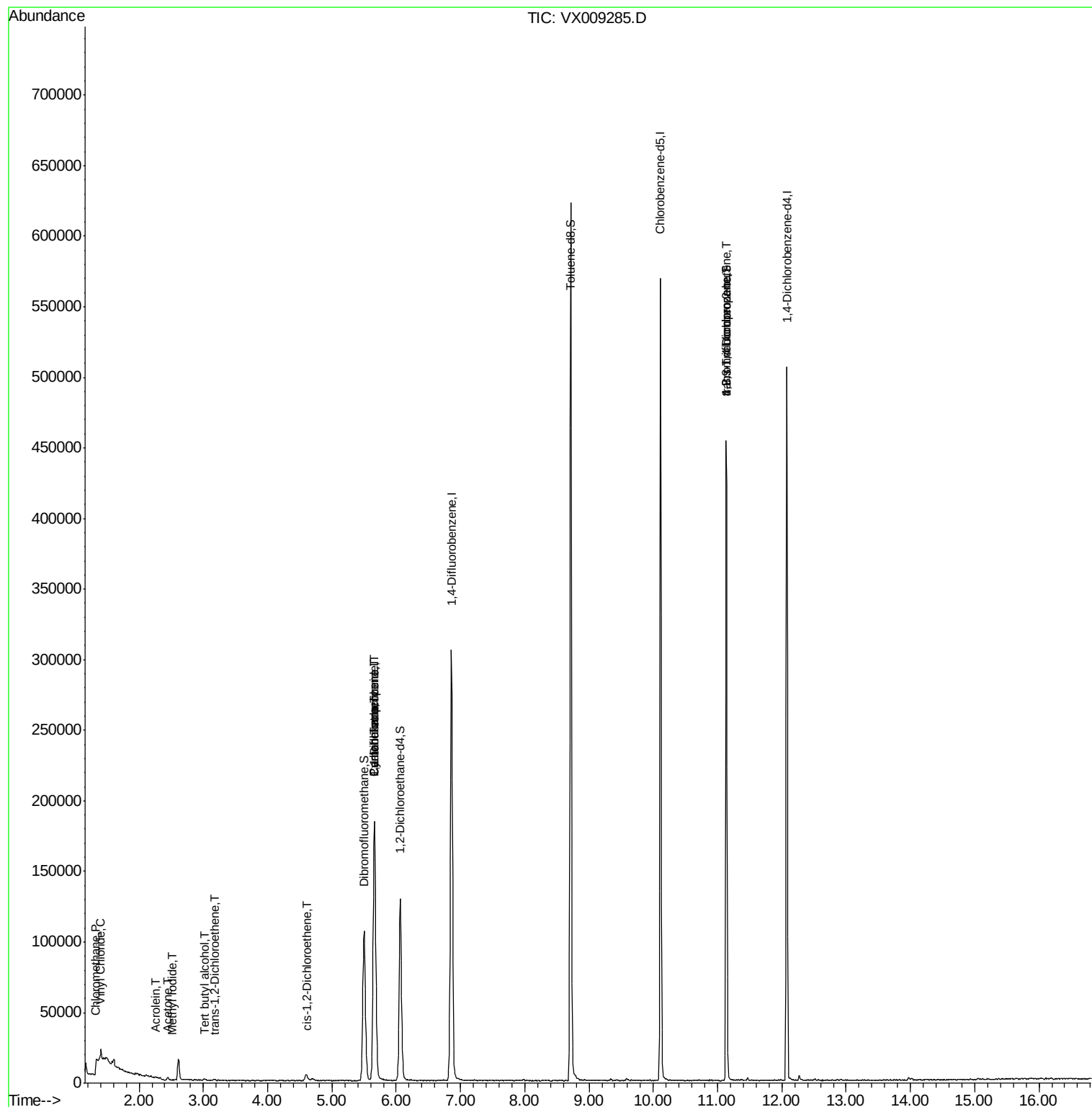
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	934	0.408	ug/l	99
4) Vinyl Chloride	1.40	62	5278	2.362	ug/l #	82
10) Methyl Iodide	2.51	142	27	4.606	ug/l #	1
11) Tert butyl alcohol	3.02	59	782	1.358	ug/l #	89
13) Acrolein	2.26	56	170	0.326	ug/l #	14
16) Acetone	2.45	43	2602	1.949	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	383	0.207	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	2514	1.136	ug/l	90
28) Bromochloromethane	5.02	49	42	Below Cal	#	20
31) Cyclohexane	5.67	56	4023	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14472	5.297	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17282	6.962	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	61175	25.256	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61175	64.621	ug/l #	10

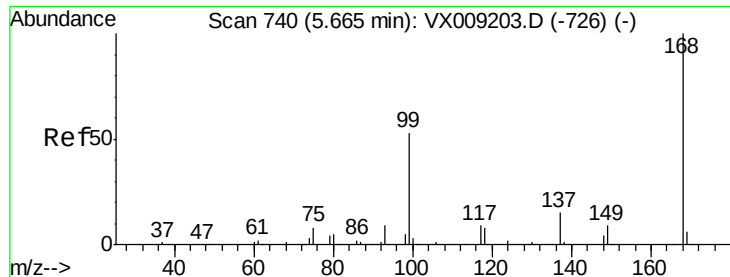
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

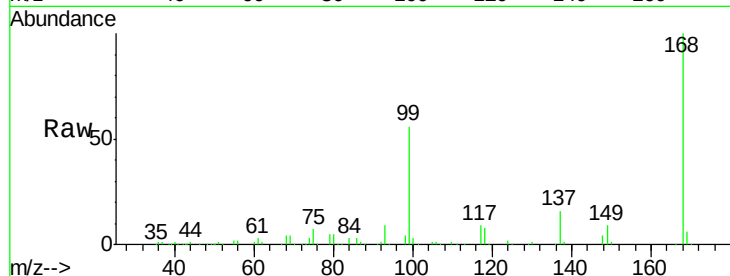
SS050MW598-190429

Tot Ion:168 Resp: 182175

Ion Ratio Lower Upper

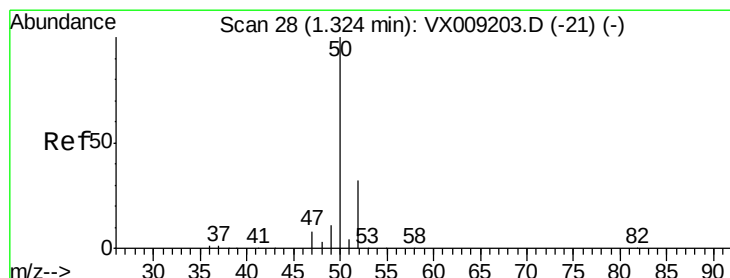
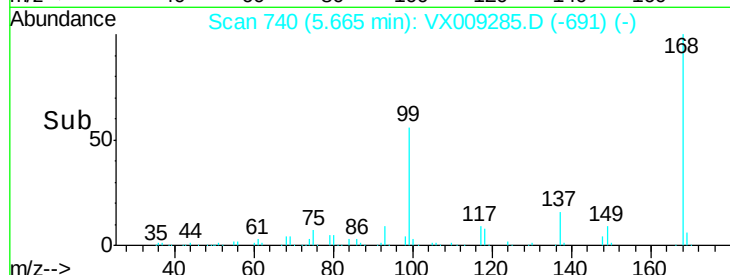
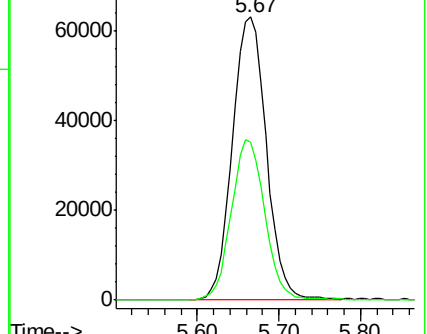
168 100

99 55.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.408 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009285.D

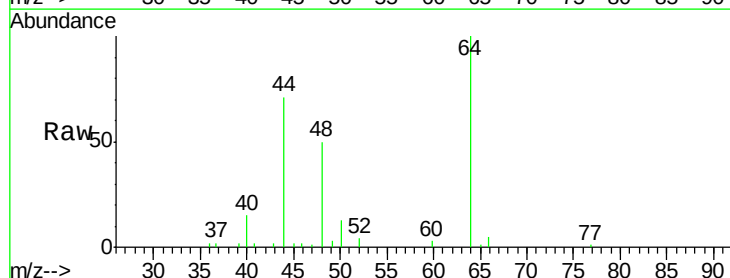
Acq: 02 May 2019 19:59

Tgt Ion: 50 Resp: 934

Ion Ratio Lower Upper

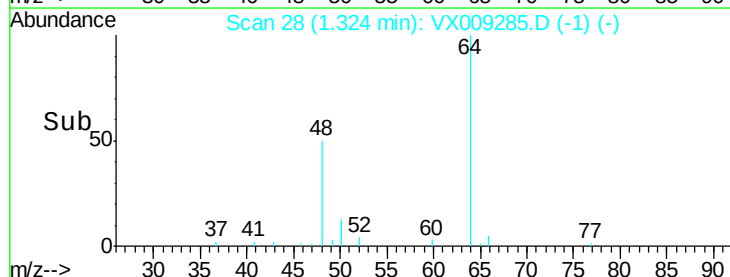
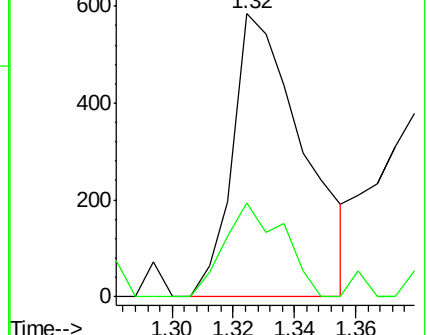
50 100

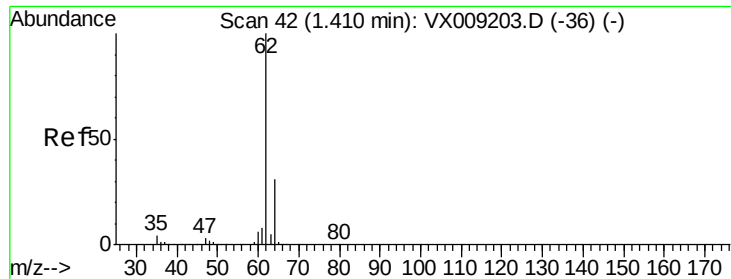
52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.362 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

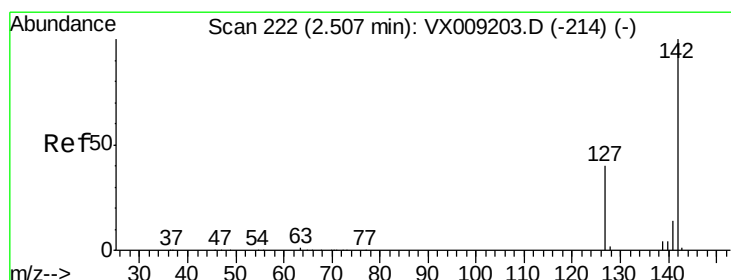
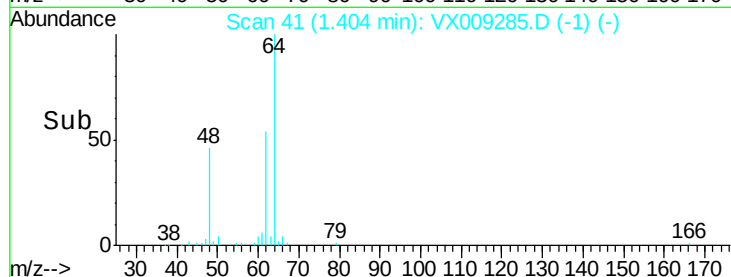
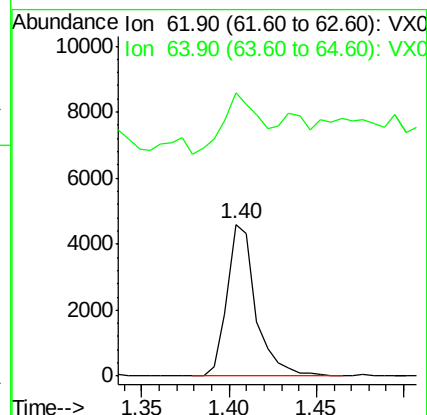
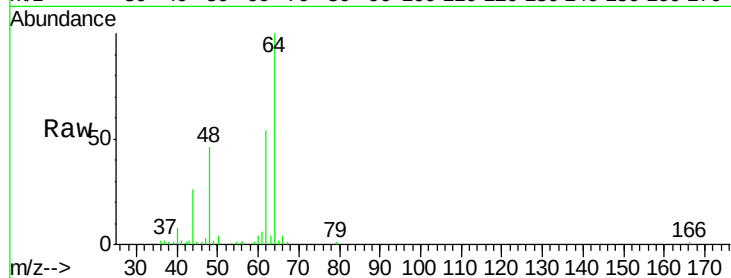
SS050MW598-190429

Tot Ion: 62 Resp: 5278

Ion Ratio Lower Upper

62 100

64 40.4 24.6 36.8#



#10

Methyl Iodide

Concen: 4.606 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

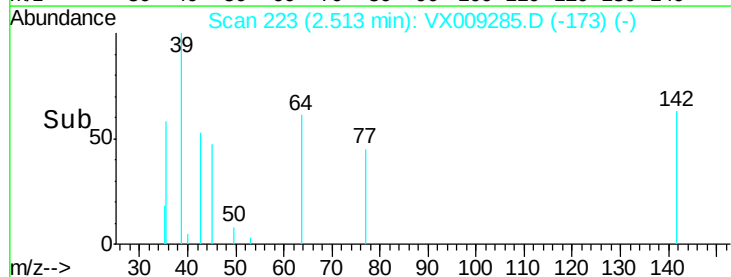
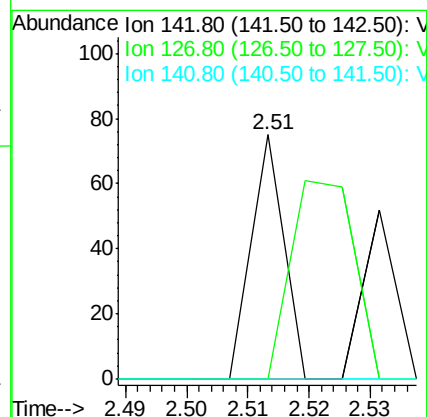
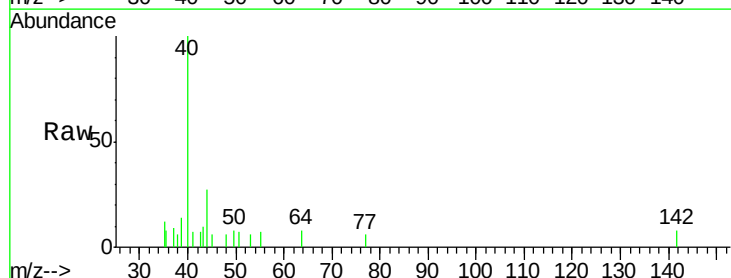
Tgt Ion: 142 Resp: 27

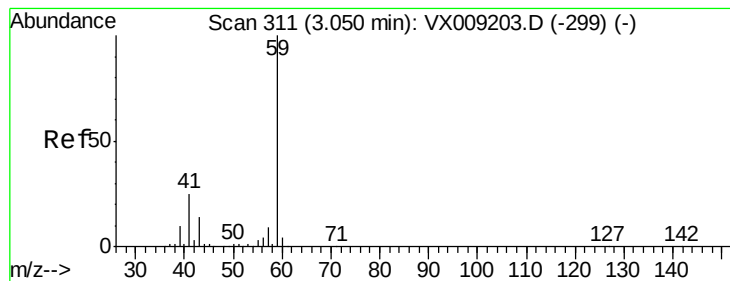
Ion Ratio Lower Upper

142 100

127 163.0 32.7 49.1#

141 0.0 11.5 17.3#



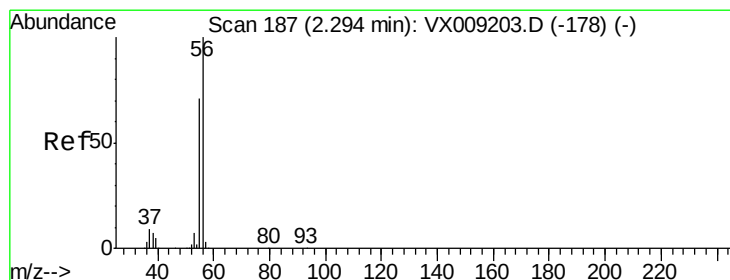
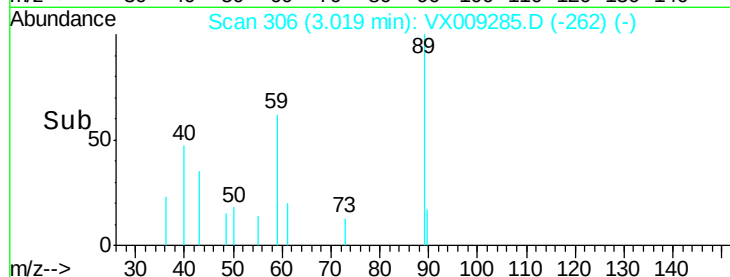
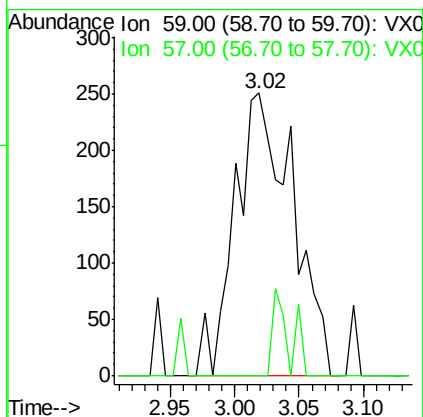
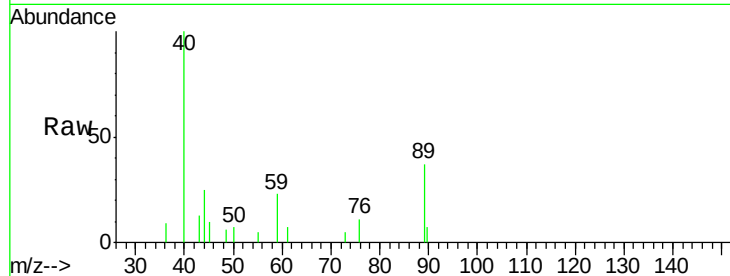


#11

Tert butyl alcohol
 Concen: 1.358 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW598-190429

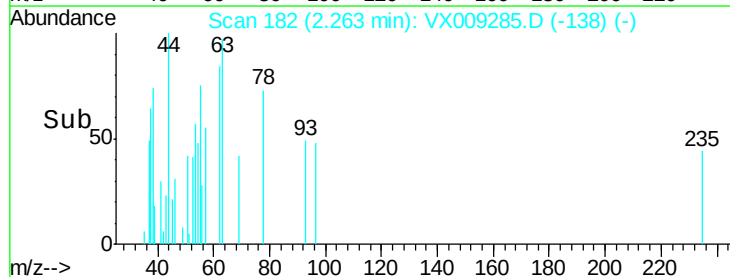
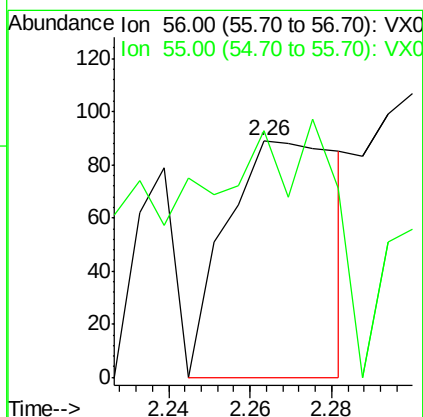
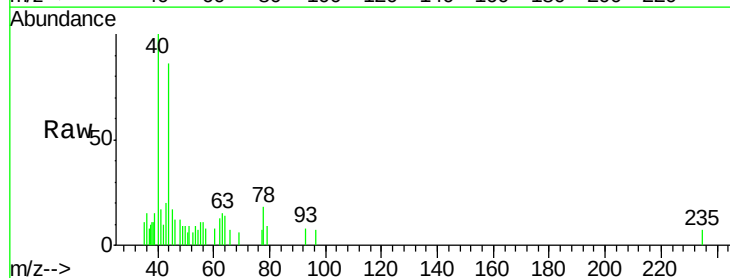
Tot Ion: 59 Resp: 782
 Ion Ratio Lower Upper
 59 100
 57 6.1 8.2 12.2#

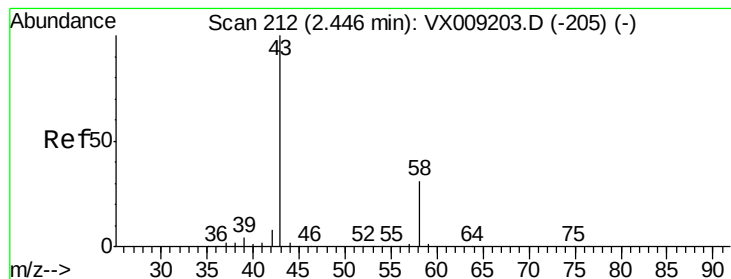


#13

Acrolein
 Concen: 0.326 ug/l
 RT: 2.26 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Tgt Ion: 56 Resp: 170
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.6 85.0#





#16

Acetone

Concen: 1.949 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

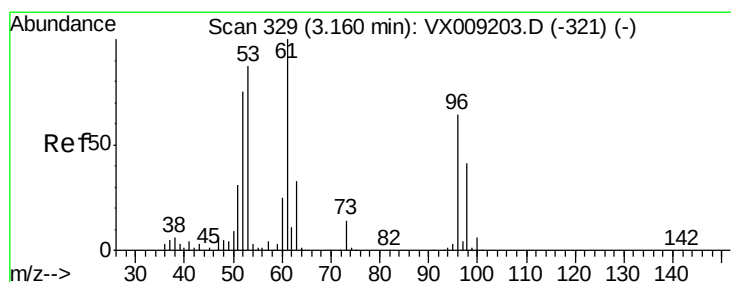
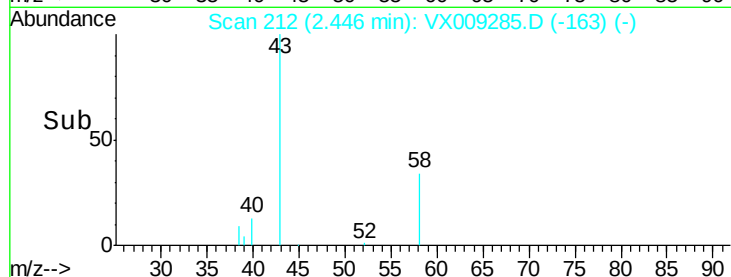
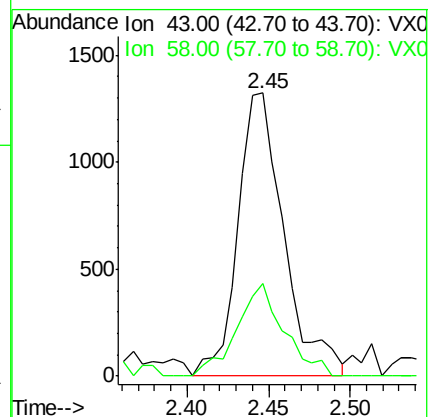
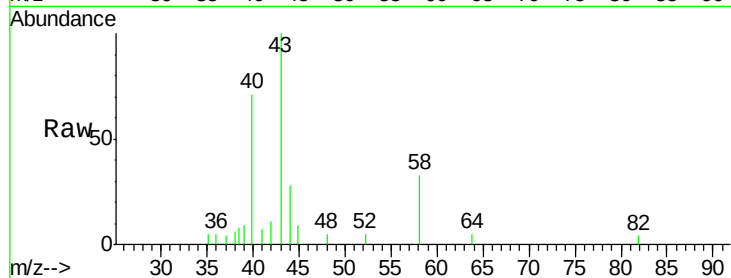
SS050MW598-190429

Tot Ion: 43 Resp: 2602

Ion Ratio Lower Upper

43 100

58 32.7 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 0.207 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

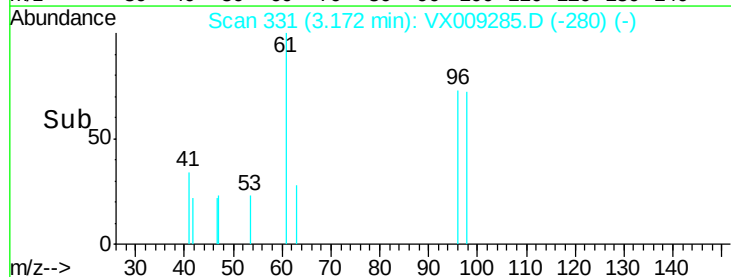
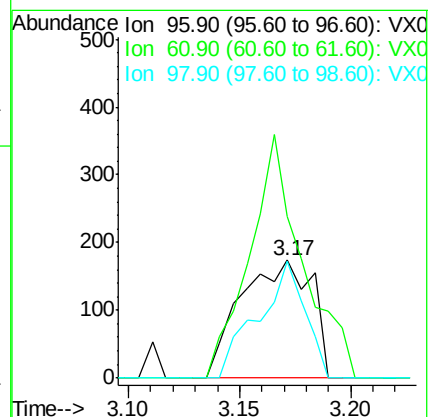
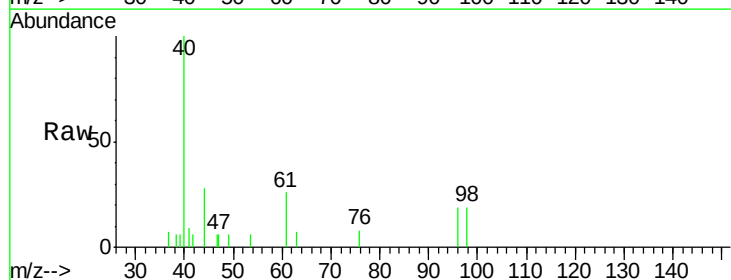
Tgt Ion: 96 Resp: 383

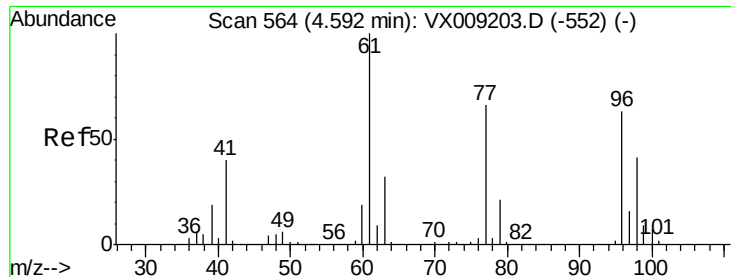
Ion Ratio Lower Upper

96 100

61 136.8 124.5 186.7

98 98.9 50.4 75.6#



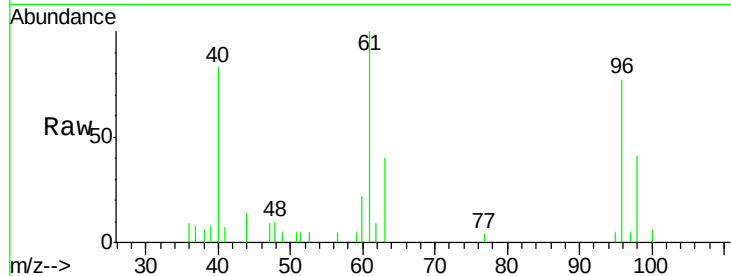


#27

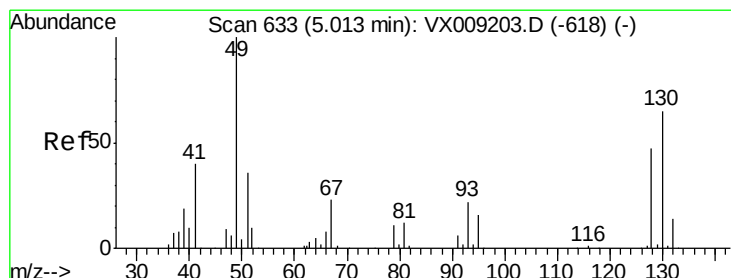
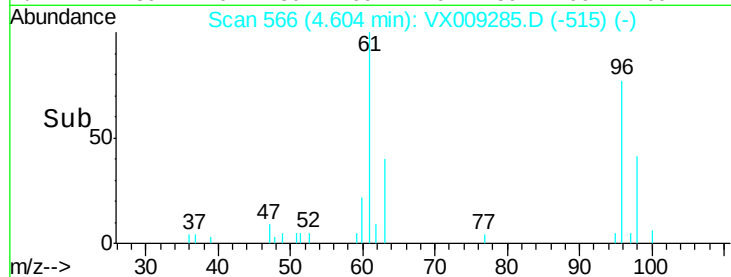
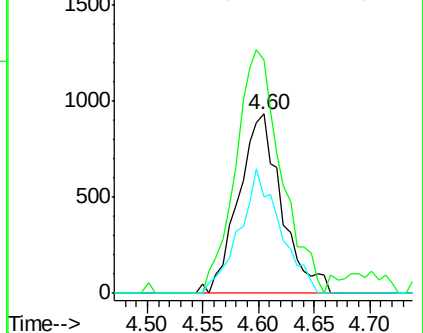
cis-1,2-Dichloroethene
 Concen: 1.136 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW598-190429

Tot Ion: 96 Resp: 2514
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 324.0
 98 65.8 0.0 130.4



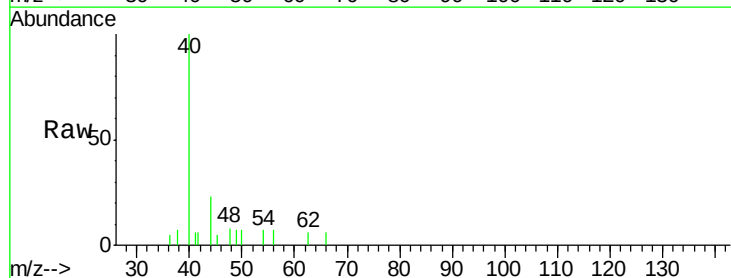
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



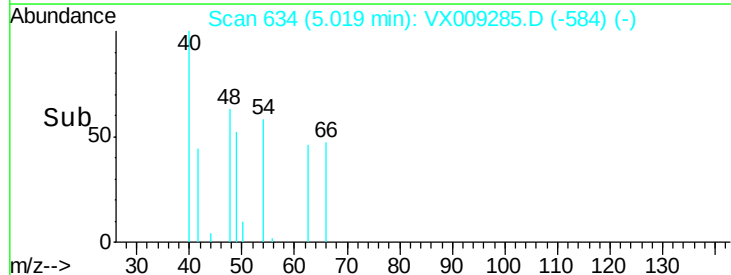
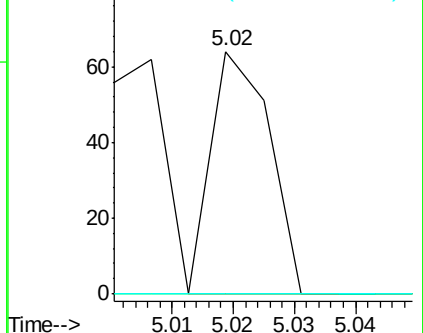
#28

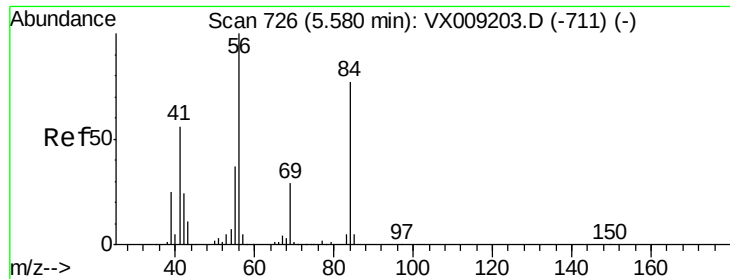
Bromochloromethane
 Concen: Below Cal
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Tgt Ion: 49 Resp: 42
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

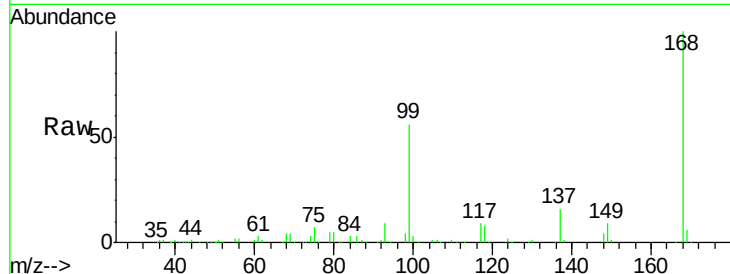




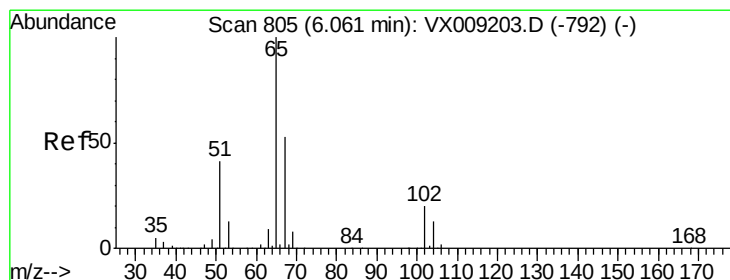
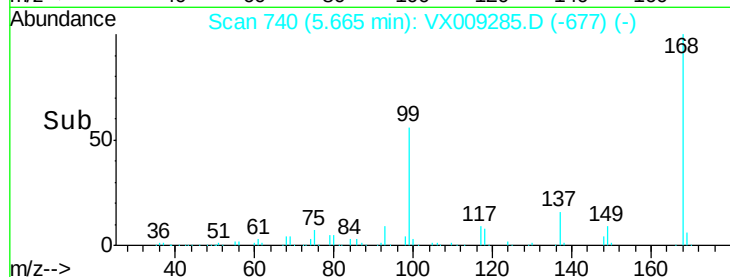
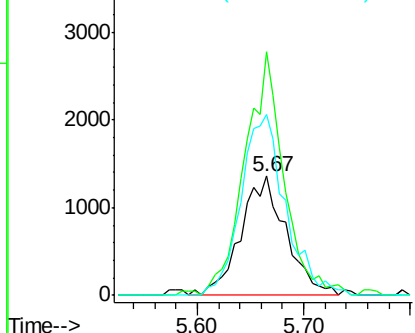
#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009285.D
Acq: 02 May 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :
SS050MW598-190429

Tot Ion: 56 Resp: 4023
Ion Ratio Lower Upper
56 100
69 200.4 23.4 35.0#
84 151.8 61.9 92.9#

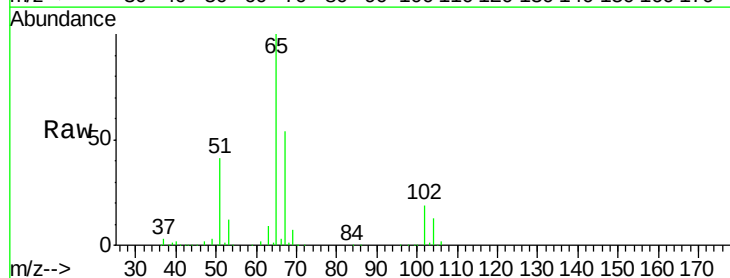


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

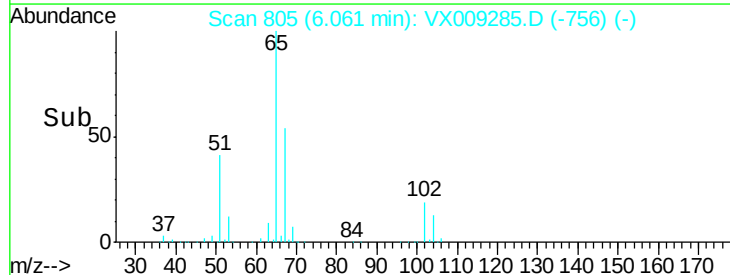
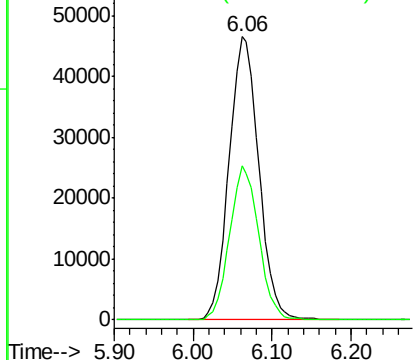


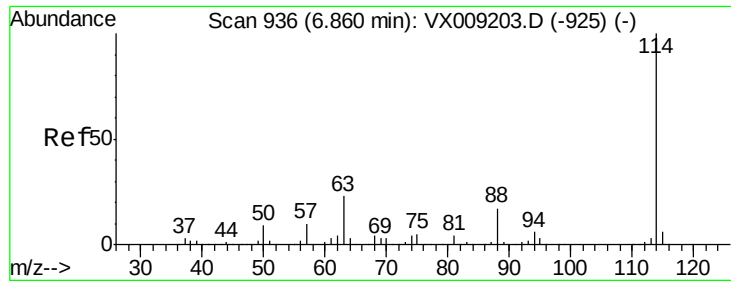
#33
1,2-Dichloroethane-d4
Concen: 49.025 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009285.D
Acq: 02 May 2019 19:59

Tgt Ion: 65 Resp: 121920
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

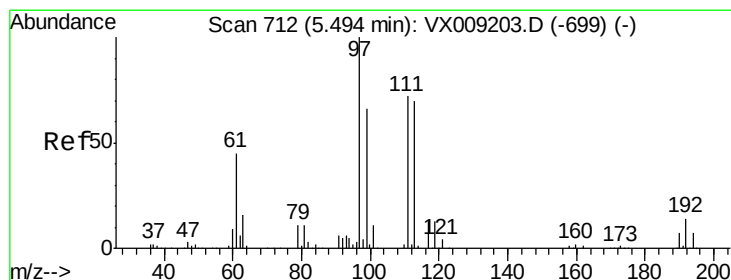
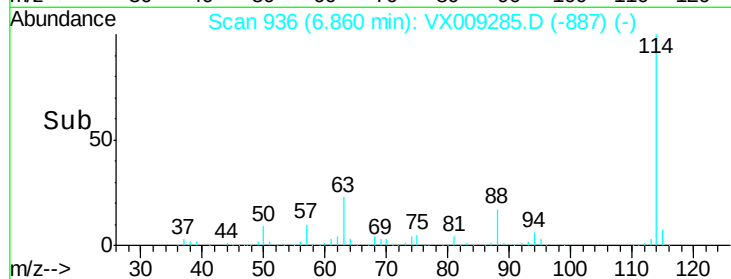
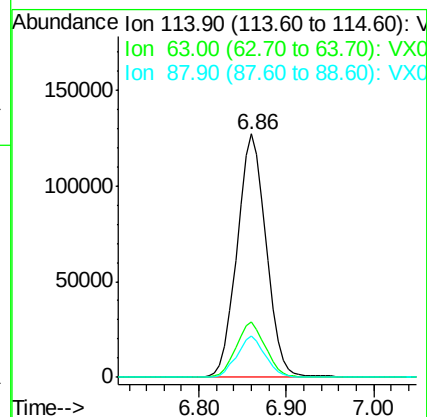
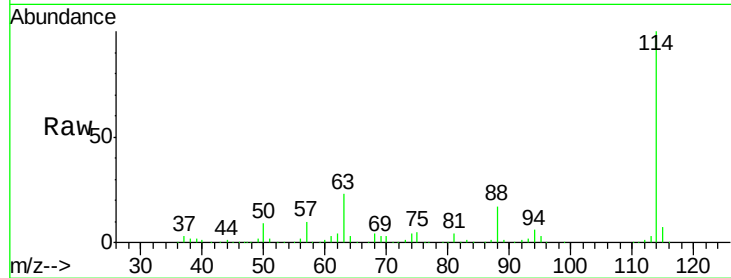




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

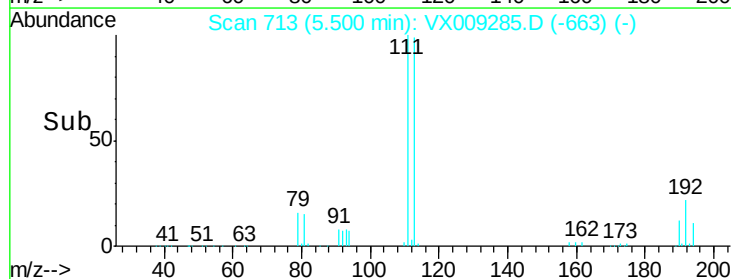
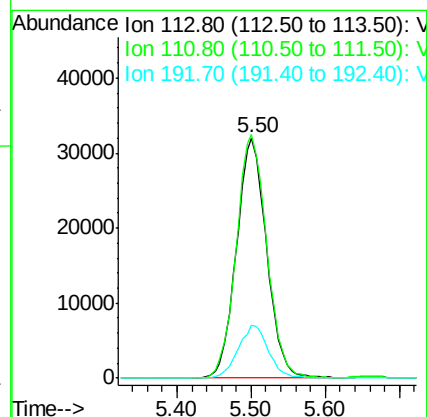
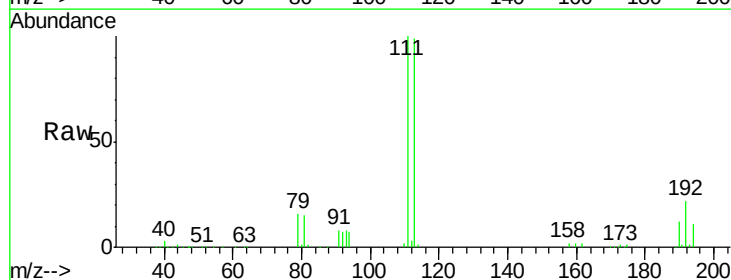
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW598-190429

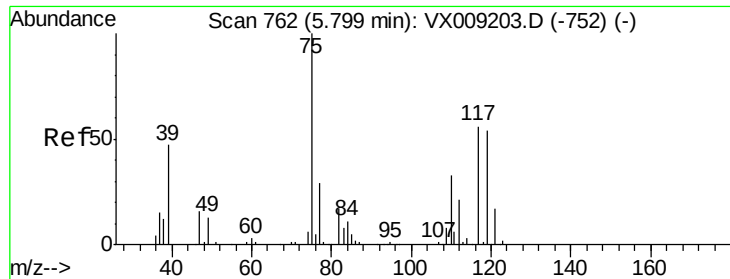
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.8	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 49.029 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	21.9	17.0	25.6

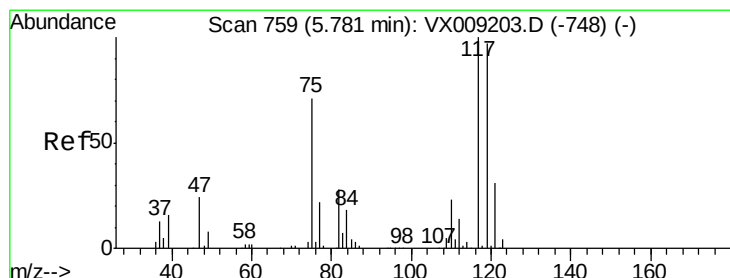
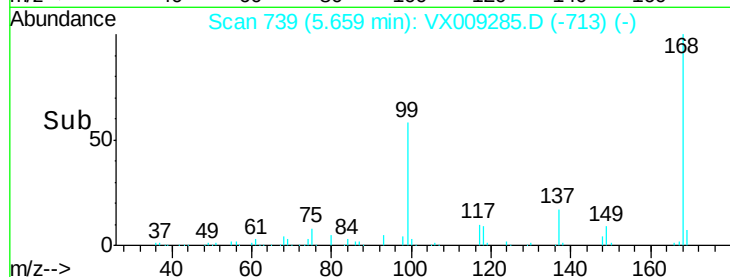
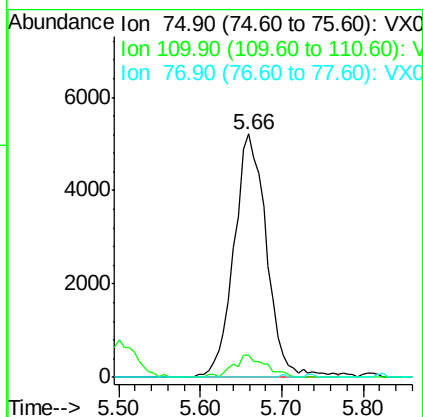
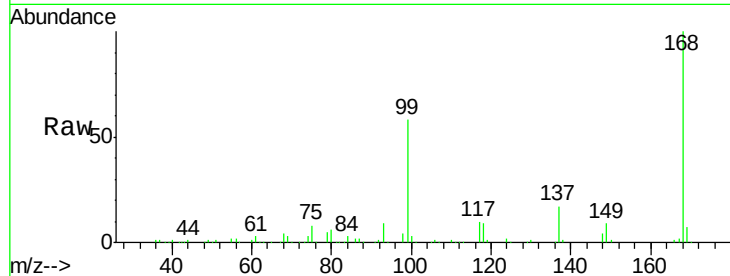




#36
 1,1-Dichloropropene
 Concen: 5.297 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

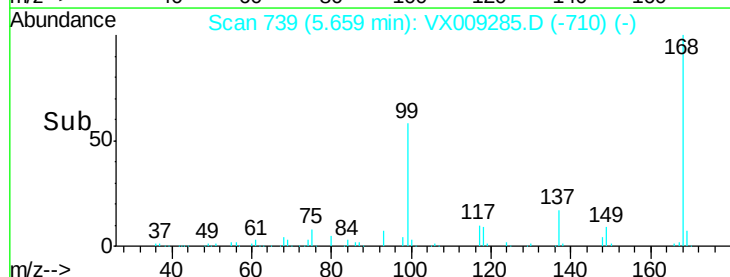
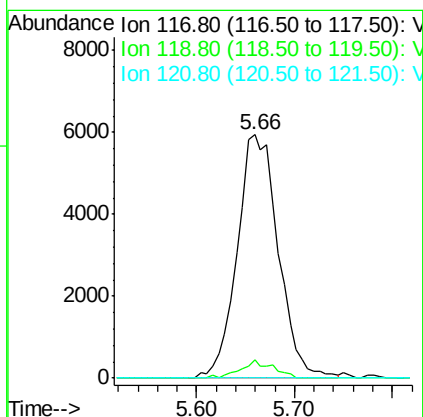
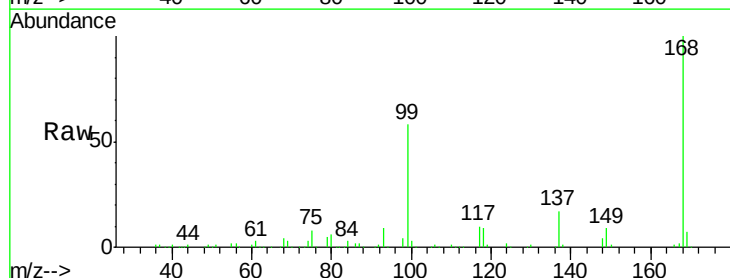
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW598-190429

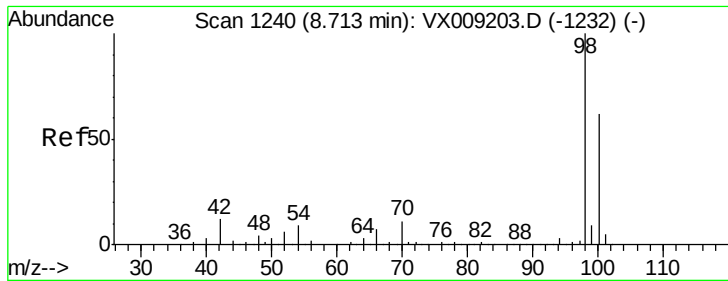
Tot Ion: 75 Resp: 14472
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.962 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009285.D
 Acq: 02 May 2019 19:59

Tgt Ion:117 Resp: 17282
 Ion Ratio Lower Upper
 117 100
 119 7.4 77.5 116.3#
 121 0.0 24.7 37.1#

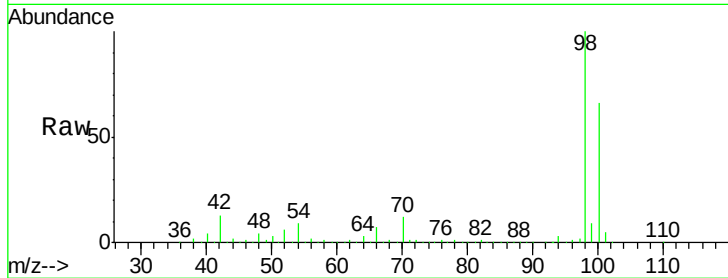




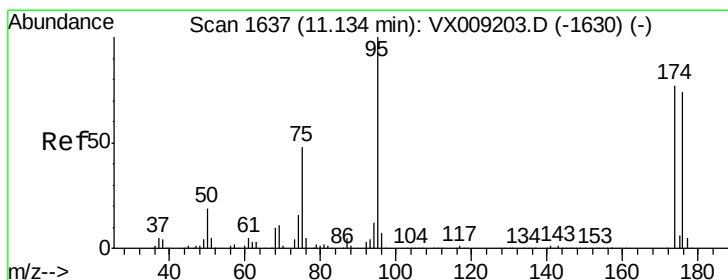
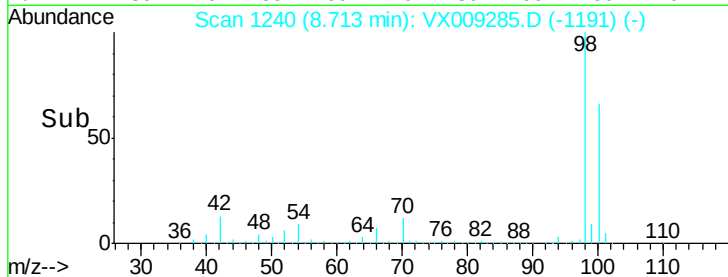
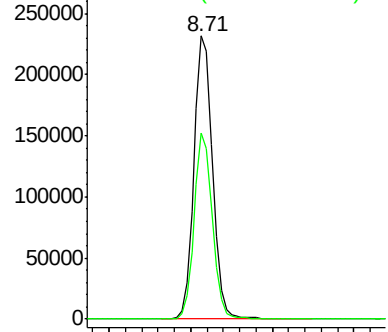
#50
Toluene-d8
Concen: 49.415 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009285.D
Acq: 02 May 2019 19:59

Instrument :
MSVOA_X
ClientSampleId :
SS050MW598-190429

Tot Ion: 98 Resp: 368688
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8

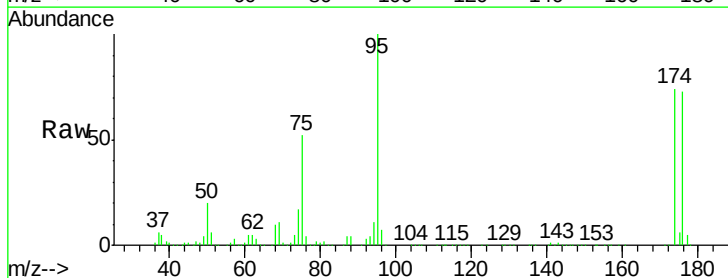


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

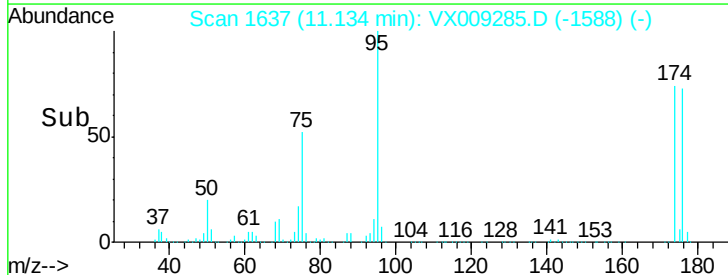
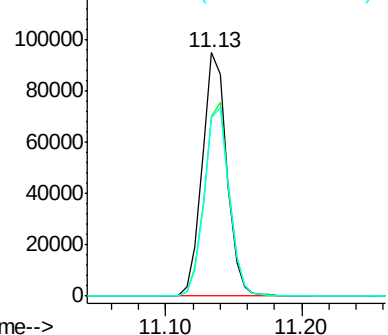


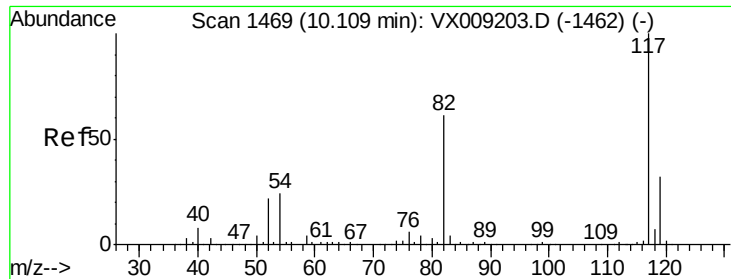
#62
4-Bromofluorobenzene
Concen: 43.863 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009285.D
Acq: 02 May 2019 19:59

Tgt Ion: 95 Resp: 118917
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.6
176 79.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

SS050MW598-190429

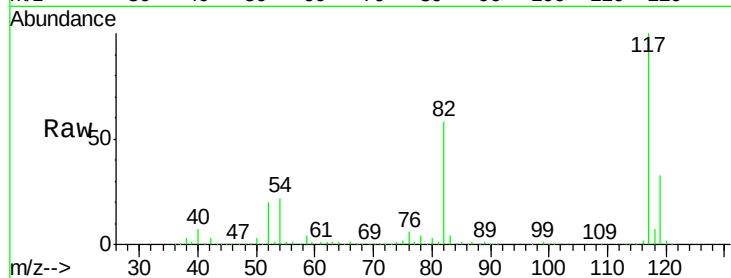
Tot Ion:117 Resp: 253504

Ion Ratio Lower Upper

117 100

82 57.6 48.8 73.2

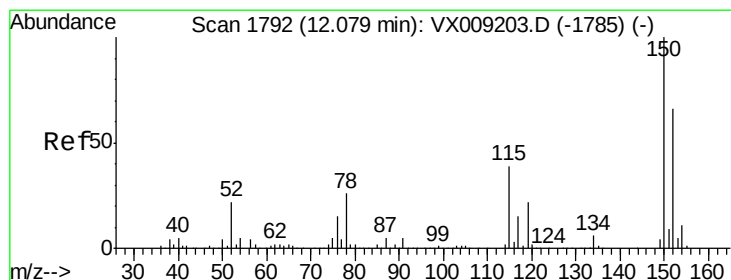
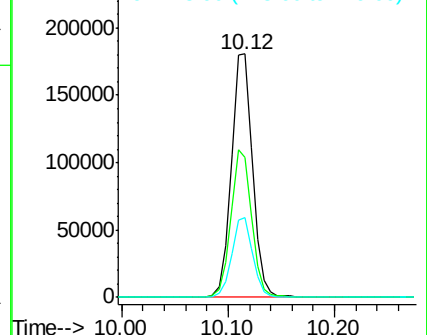
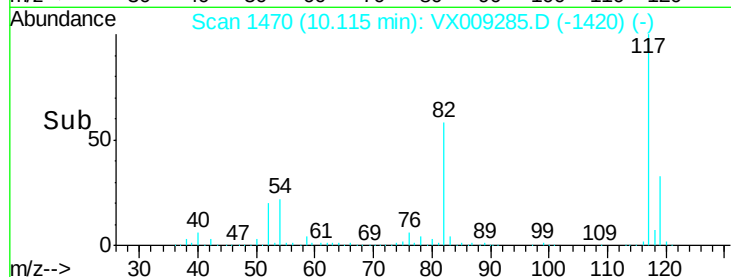
119 32.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

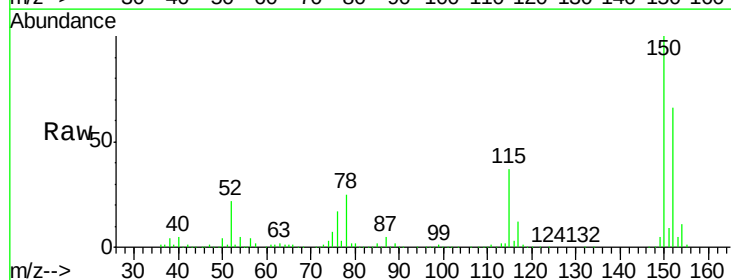
Tgt Ion:152 Resp: 104422

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

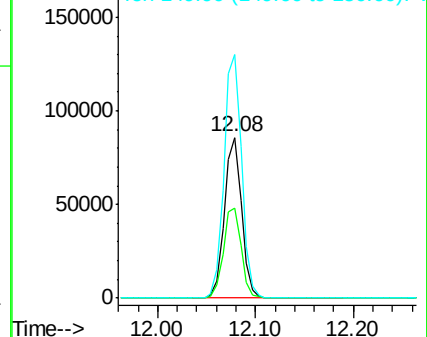
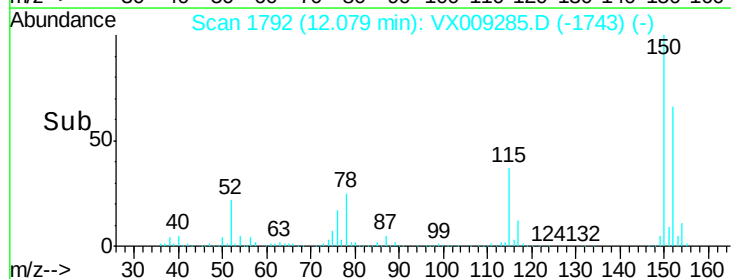
150 155.4 0.0 346.4

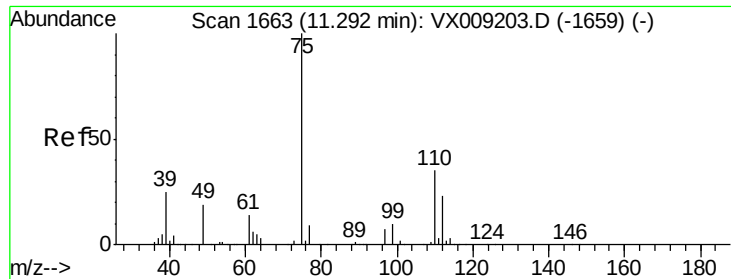


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.256 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

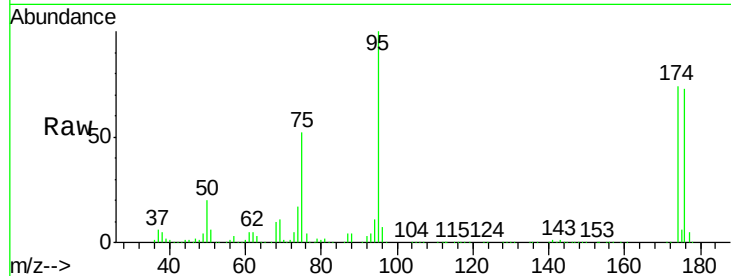
SS050MW598-190429

Tot Ion: 75 Resp: 61175

Ion Ratio Lower Upper

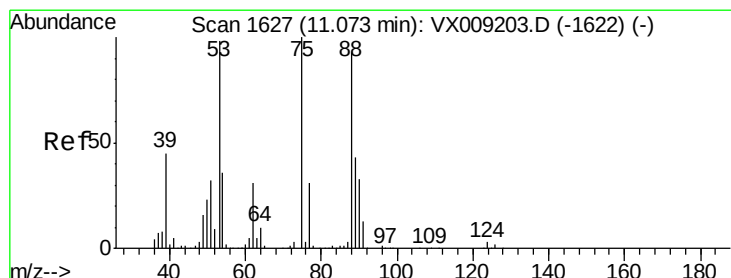
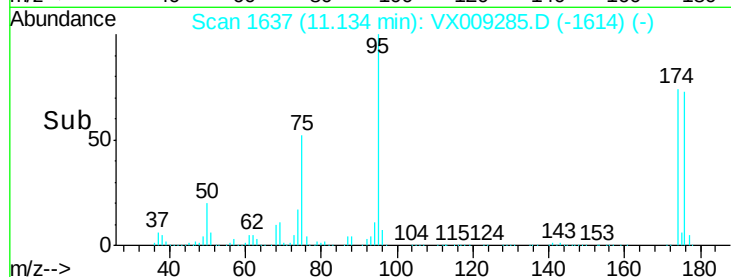
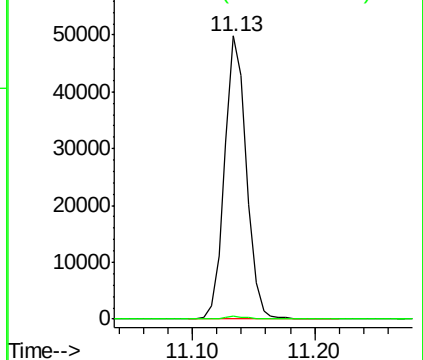
75 100

77 1.2 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.621 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009285.D

Acq: 02 May 2019 19:59

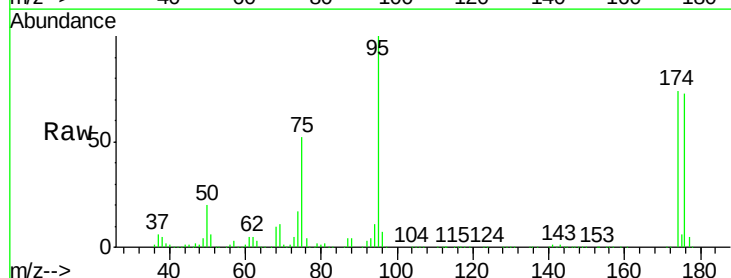
Tgt Ion: 75 Resp: 61175

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

