

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006644.D
 Acq On : 19 Dec 2018 18:31
 Operator : JC/MD
 Sample : J6479-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Dec 20 04:03:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	629413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	930800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438120	50.00	ug/l	0.00

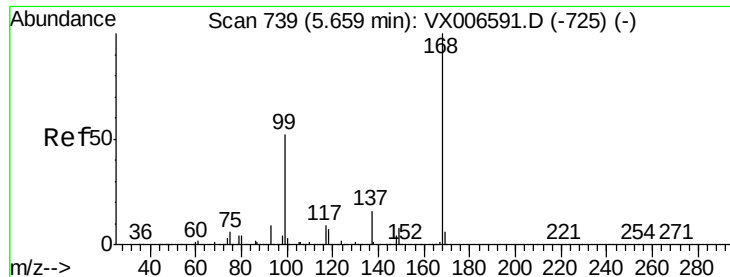
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	355324	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	5.51	113	303403	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.71	98	1213861	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	435900	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.45	85	5791	1.006	ug/l	95
4) Vinyl Chloride	1.41	62	116676	18.009	ug/l	99
5) Bromomethane	1.65	94	579	Below Cal		98
6) Chloroethane	1.73	64	288141	64.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2000	0.337	ug/l #	43
11) Tert butyl alcohol	3.06	59	15541	10.266	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	723762	128.700	ug/l	98
13) Acrolein	2.32	56	352	0.345	ug/l #	13
16) Acetone	2.45	43	2271	0.729	ug/l #	70
20) Methylene Chloride	2.86	84	10339	1.604	ug/l	88
24) 1,1-Dichloroethane	3.70	63	352631	34.111	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	120567	17.538	ug/l	91
28) Bromochloromethane	5.02	49	465	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	1907	0.660	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	44109	5.261	ug/l #	49
38) Carbon Tetrachloride	5.67	117	61000	7.486	ug/l #	14
39) Methylcyclohexane	7.46	83	4264	0.386	ug/l	91
40) Benzene	6.15	78	15723	0.617	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53301	6.138	ug/l	98
43) Isopropyl Acetate	6.37	43	90840	6.842	ug/l #	62
44) Trichloroethene	7.21	130	8239	1.068	ug/l	98
48) Methyl methacrylate	7.74	41	5442	0.806	ug/l #	47
49) 1,4-Dioxane	7.74	88	313270	1788.943	ug/l	95
51) 4-Methyl-2-Pentanone	8.71	43	4335	0.513	ug/l #	1
60) Dibromochloromethane	9.62	129	32	2.329	ug/l	75
69) o-Xylene	10.70	106	5200	0.415	ug/l	94
71) Bromoform	10.77	173	104	4.477	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	208167	25.567	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.13	75	208167	75.453	ug/l #	26
90) Hexachloroethane	12.58	117	266	3.353	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

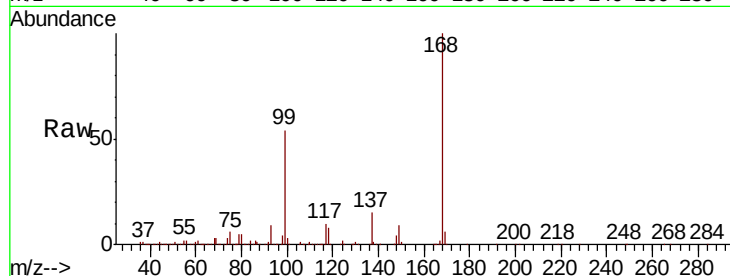
MW-1

Tot Ion:168 Resp: 629413

Ion Ratio Lower Upper

168 100

99 53.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006644.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006644.D (-690) (-)

5.67

250000

200000

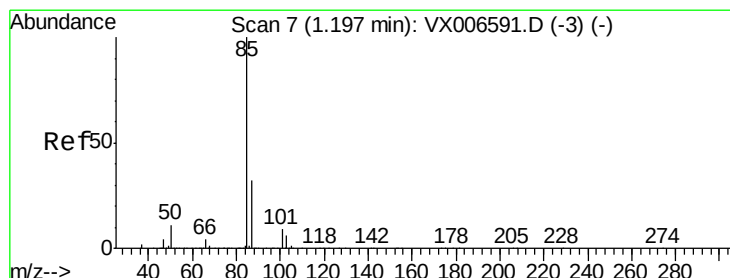
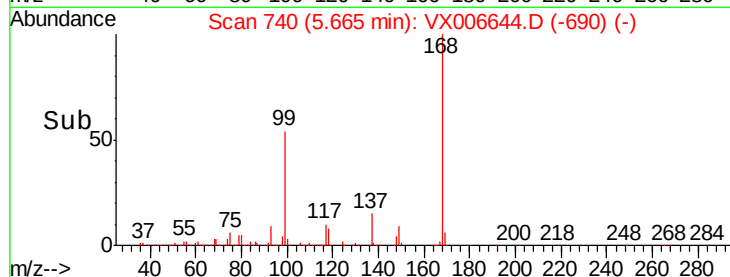
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.006 ug/l

RT: 1.45 min Scan# 49

Delta R.T. 0.26 min

Lab File: VX006644.D

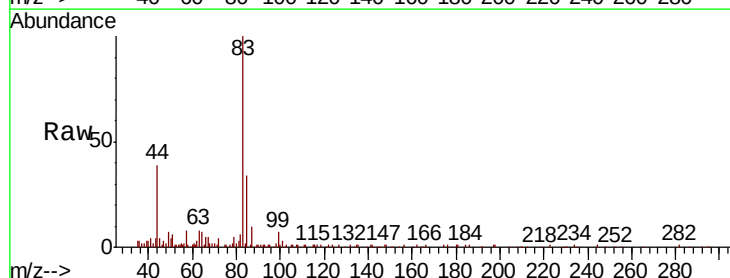
Acq: 19 Dec 2018 18:31

Tgt Ion: 85 Resp: 5791

Ion Ratio Lower Upper

85 100

87 28.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006644.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006644.D (-1) (-)

1.45

5000

4000

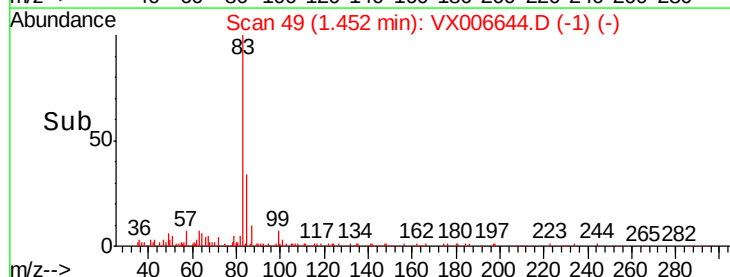
3000

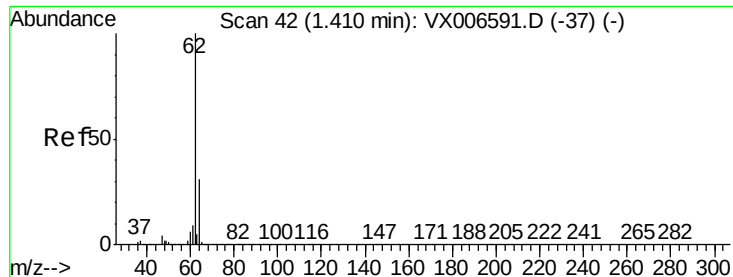
2000

1000

0

Time--> 1.40 1.42 1.44 1.46 1.48





#4

Vinyl Chloride

Concen: 18.009 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

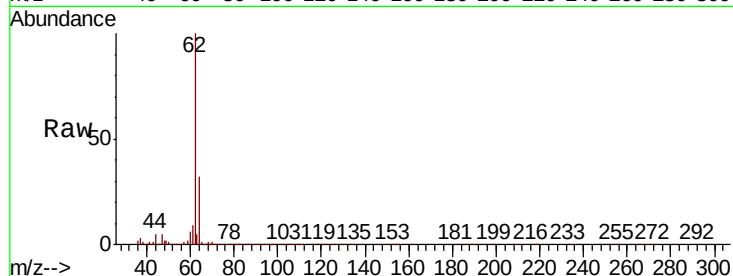
MW-1

Tot Ion: 62 Resp: 116676

Ion Ratio Lower Upper

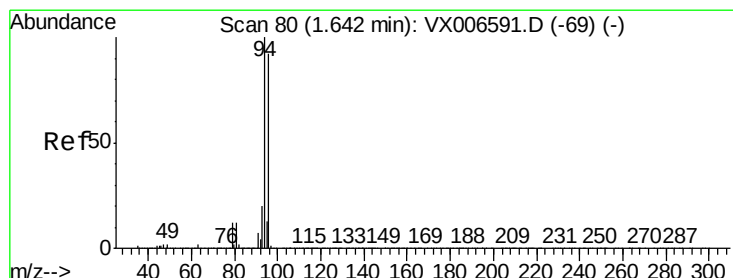
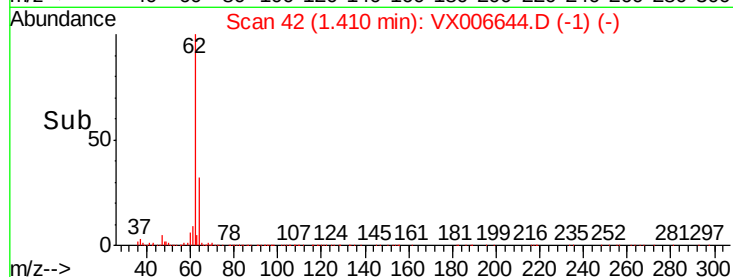
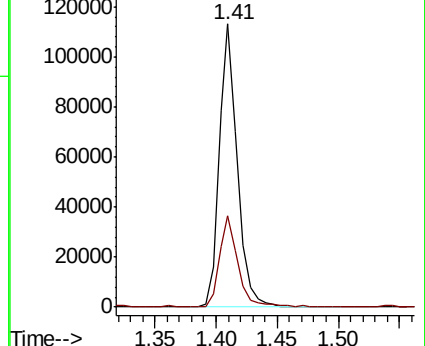
62 100

64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006644.D

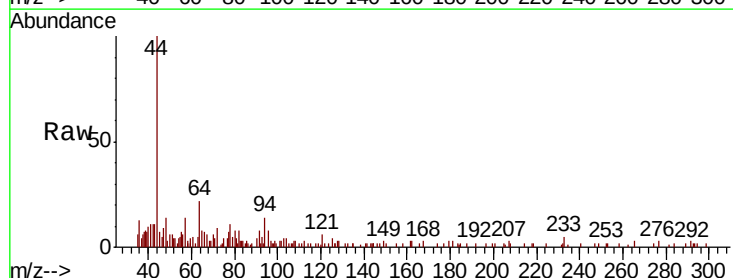
Acq: 19 Dec 2018 18:31

Tgt Ion: 94 Resp: 579

Ion Ratio Lower Upper

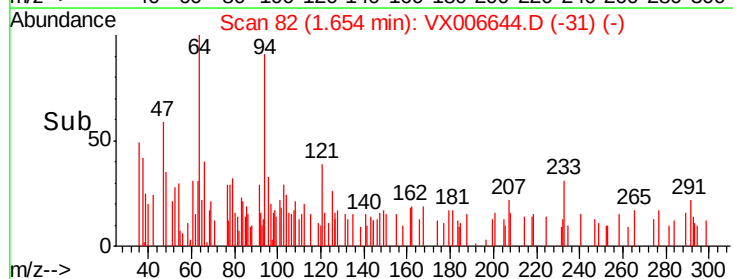
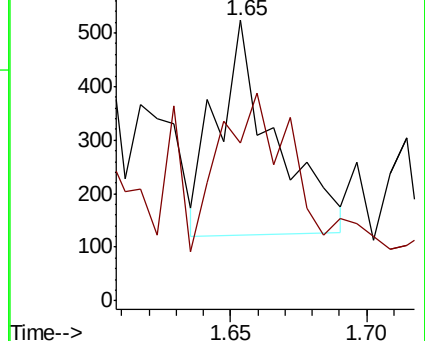
94 100

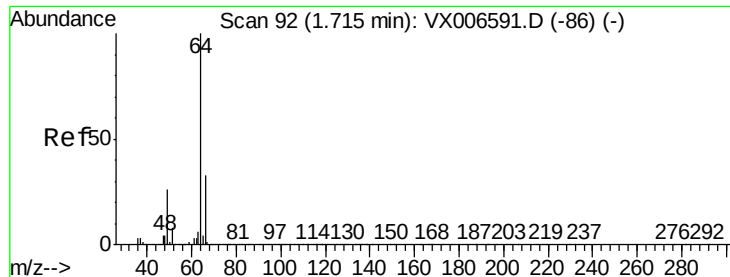
96 90.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 64.230 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

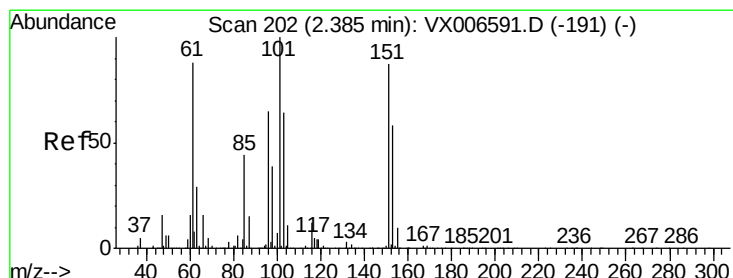
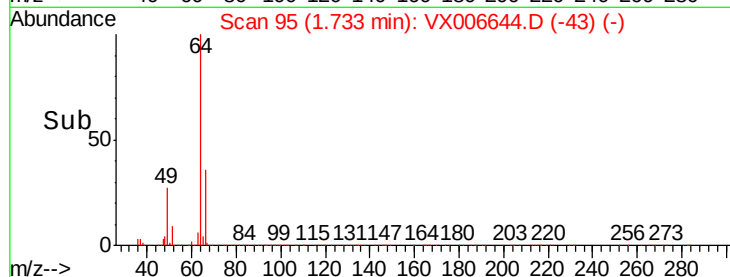
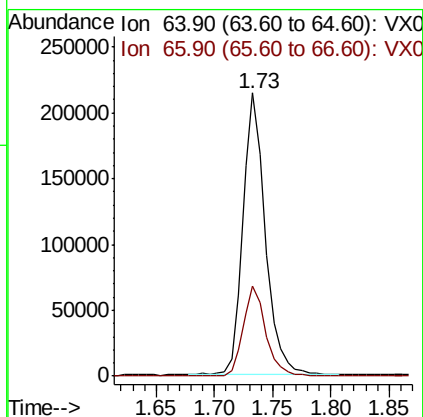
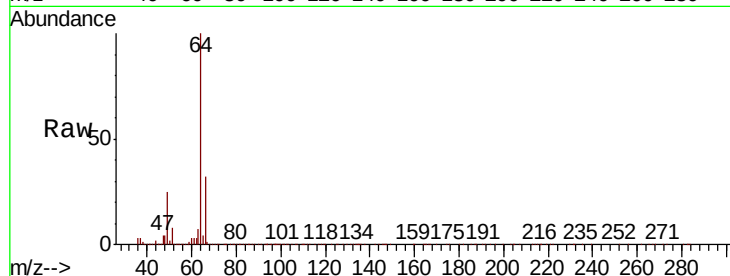
MW-1

Tot Ion: 64 Resp: 288141

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.337 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

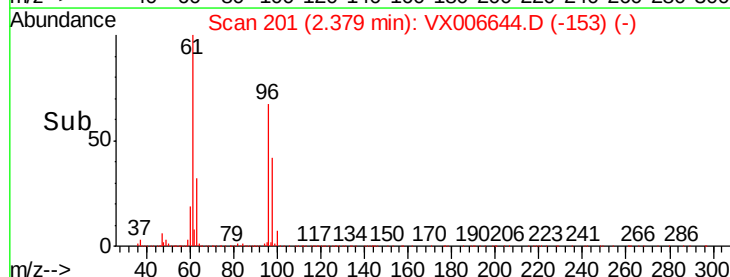
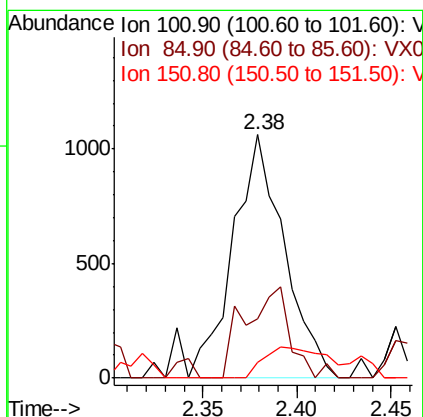
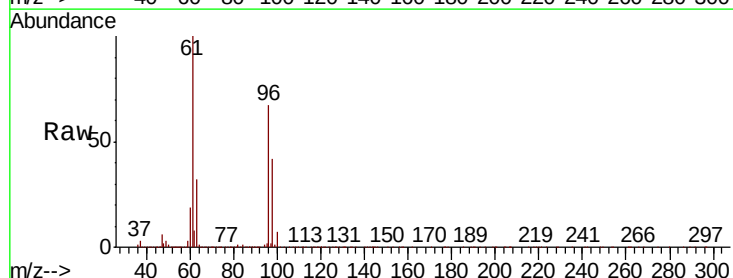
Tgt Ion: 101 Resp: 2000

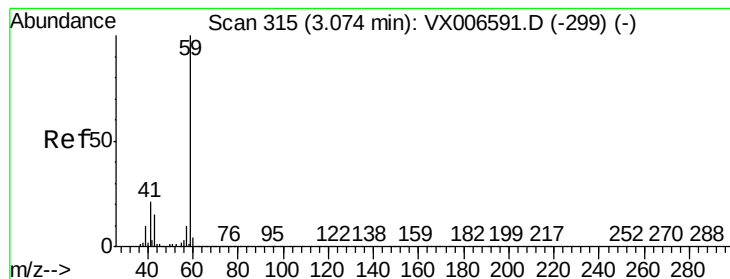
Ion Ratio Lower Upper

101 100

85 33.4 35.1 52.7#

151 15.0 68.9 103.3#



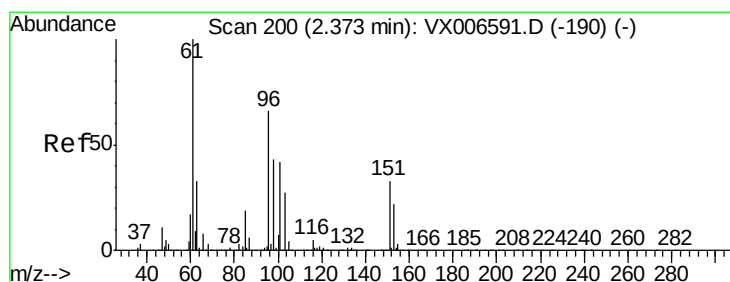
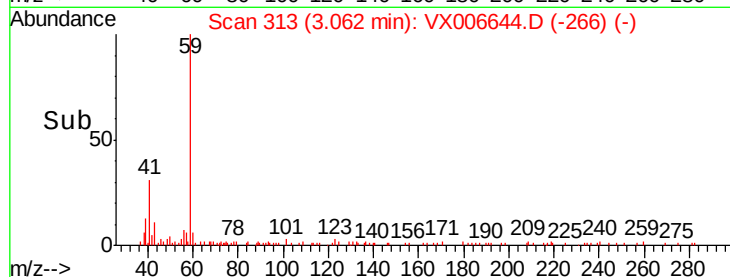
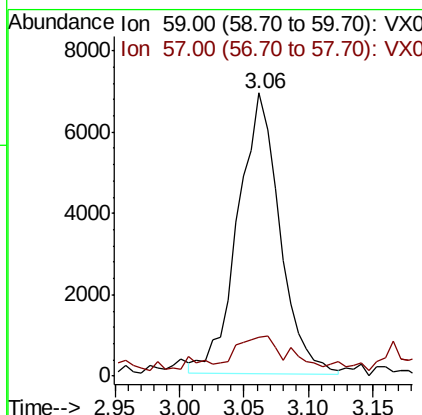
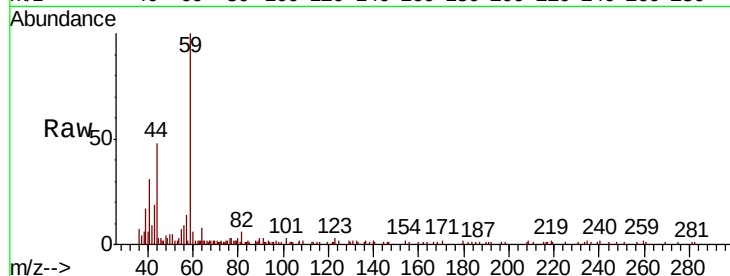


#11

Tert butyl alcohol
Concen: 10.266 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
MW-1

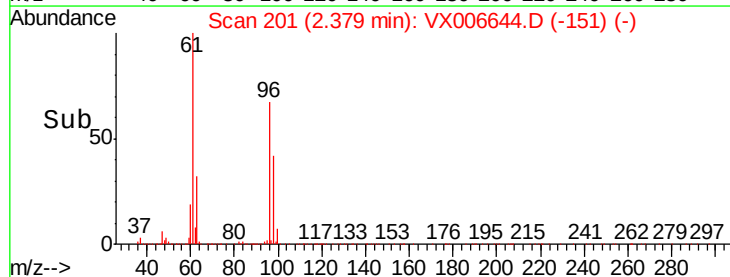
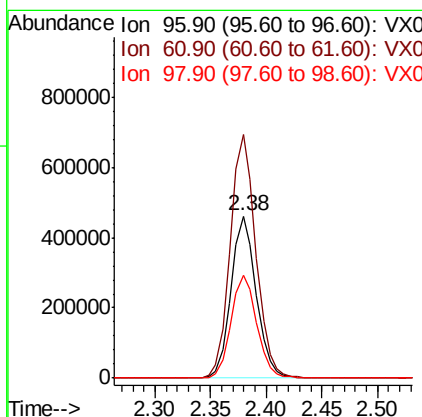
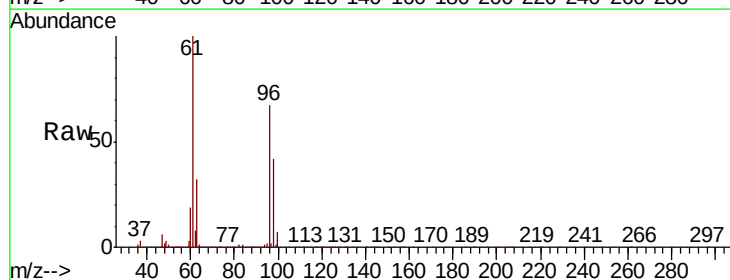
Tot Ion: 59 Resp: 15541
Ion Ratio Lower Upper
59 100
57 8.3 8.5 12.7#

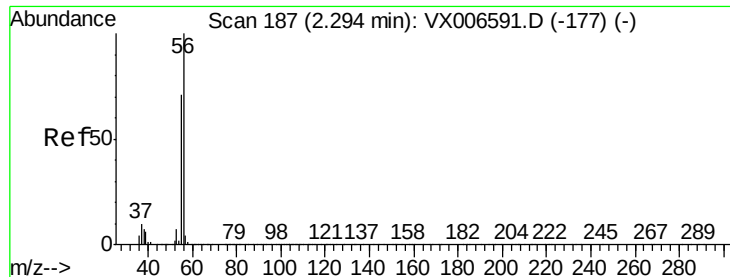


#12

1,1-Dichloroethene
Concen: 128.700 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion: 96 Resp: 723762
Ion Ratio Lower Upper
96 100
61 150.0 121.4 182.2
98 63.5 51.9 77.9





#13

Acrolein

Concen: 0.345 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

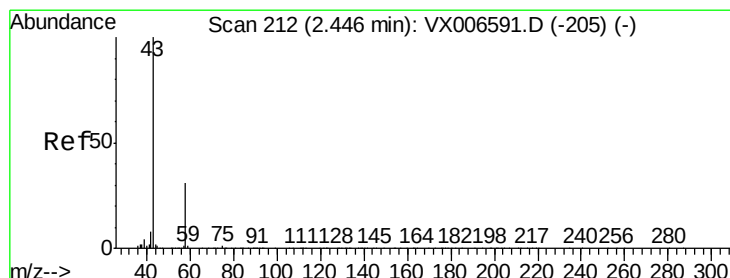
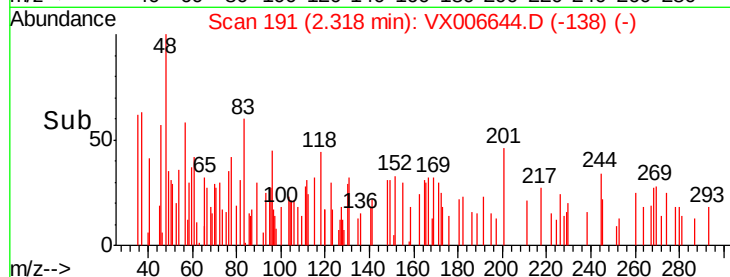
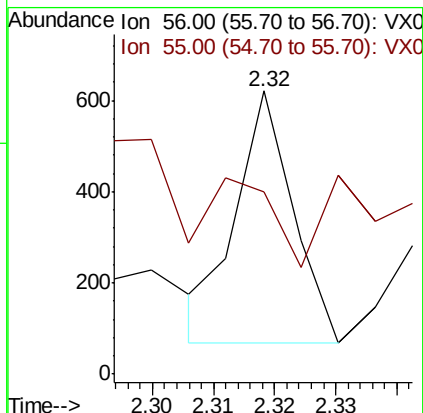
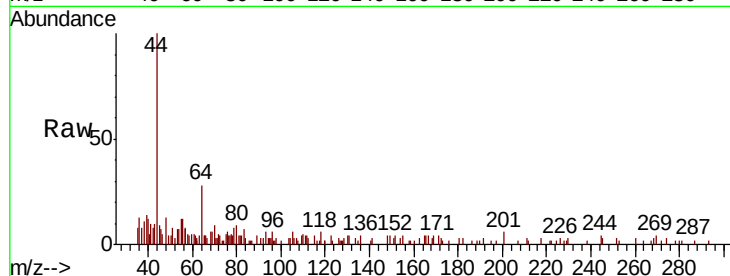
MW-1

Tot Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#16

Acetone

Concen: 0.729 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006644.D

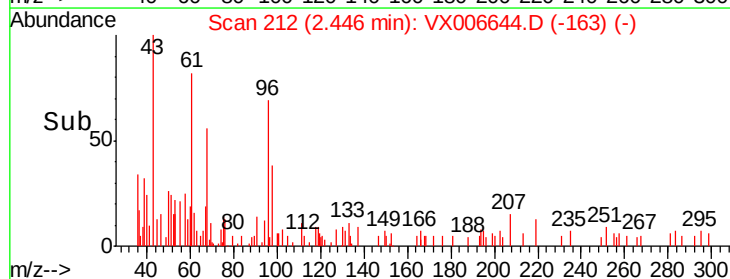
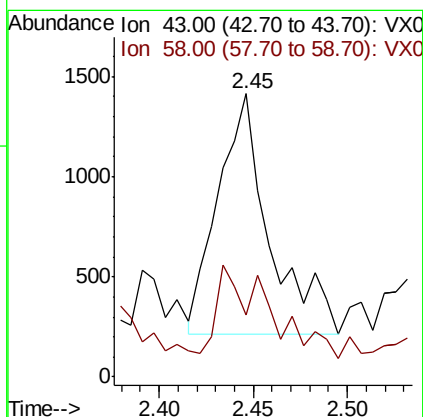
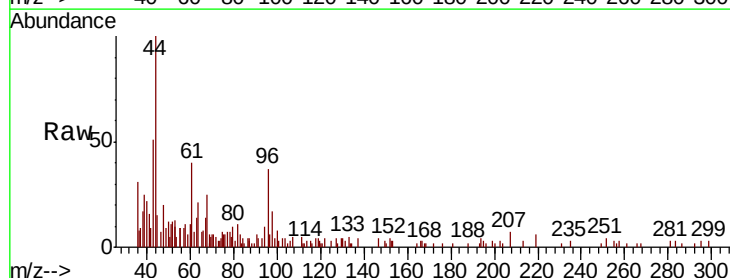
Acq: 19 Dec 2018 18:31

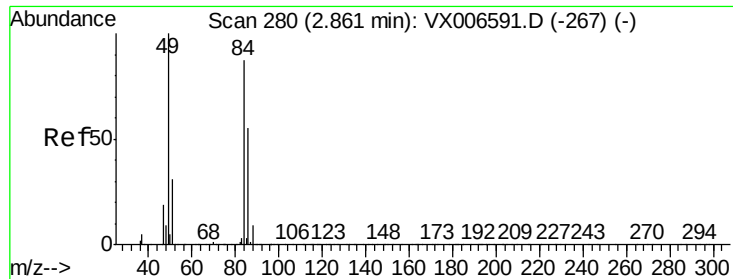
Tgt Ion: 43 Resp: 2271

Ion Ratio Lower Upper

43 100

58 14.7 25.0 37.6#

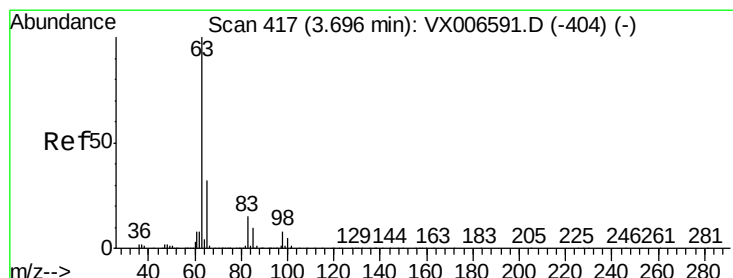
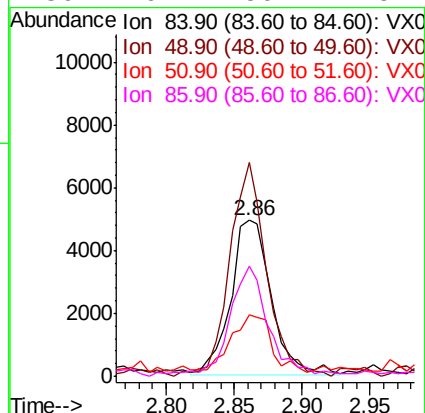
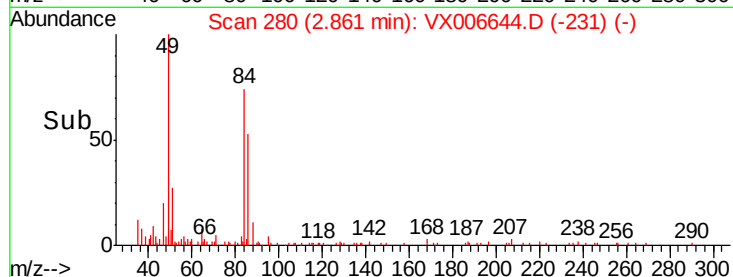
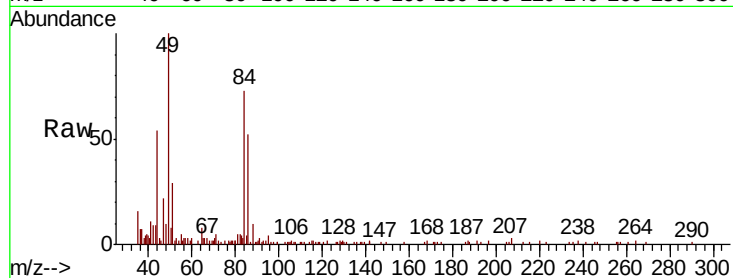




#20
Methylene Chloride
Concen: 1.604 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

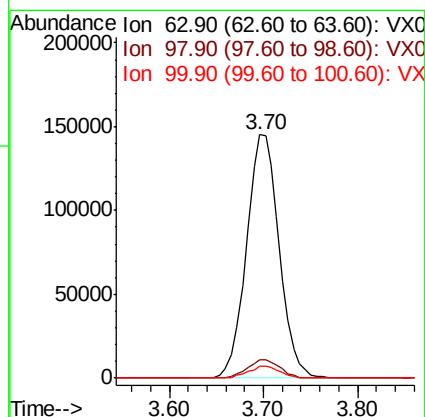
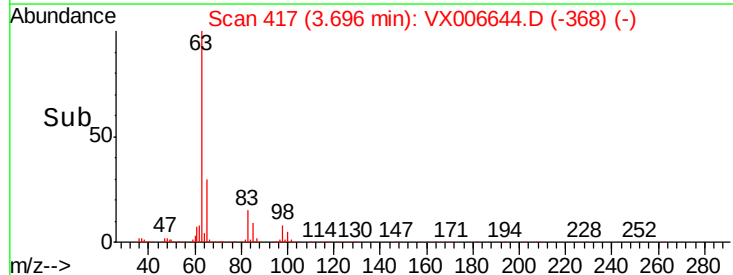
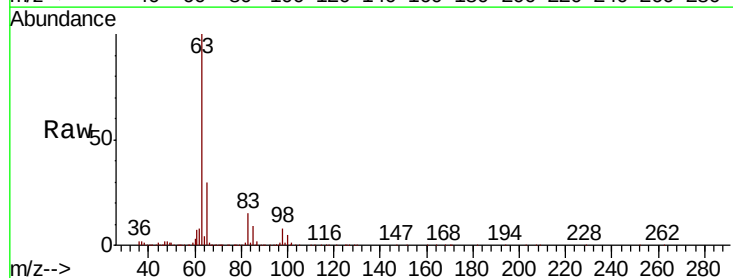
Instrument :
MSVOA_X
ClientSampled :
MW-1

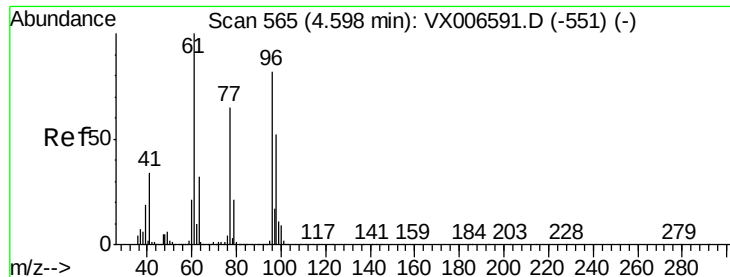
Tot Ion:	84	Resp:	10339
Ion	Ratio	Lower	Upper
84	100		
49	133.9	91.8	137.6
51	35.9	28.5	42.7
86	70.1	50.2	75.2



#24
1,1-Dichloroethane
Concen: 34.111 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:	63	Resp:	352631
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.5
100	4.8	2.4	7.2



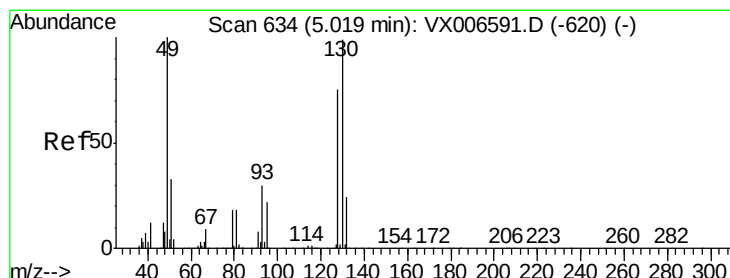
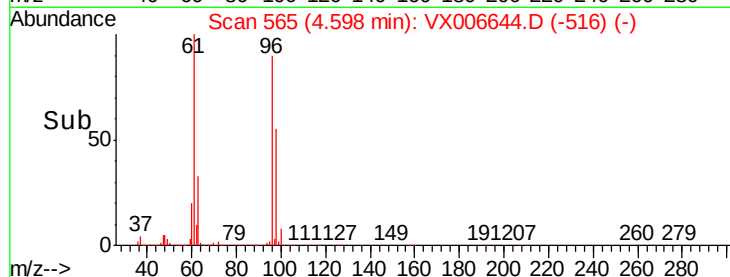
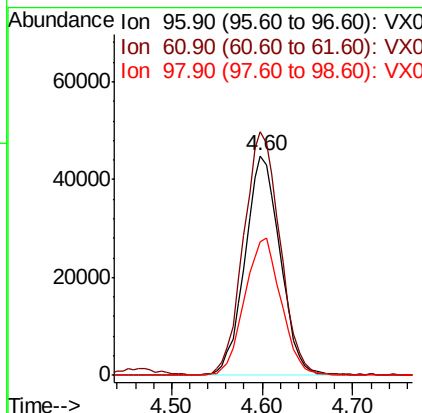
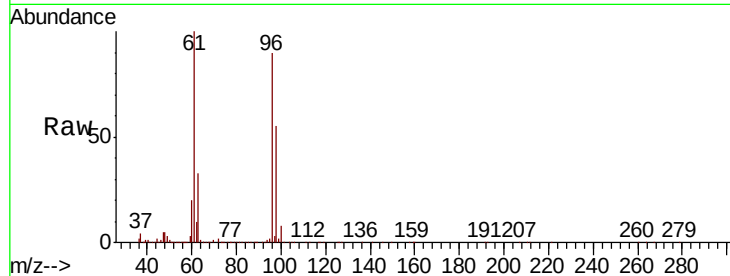


#27

cis-1,2-Dichloroethene
Concen: 17.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
MW-1

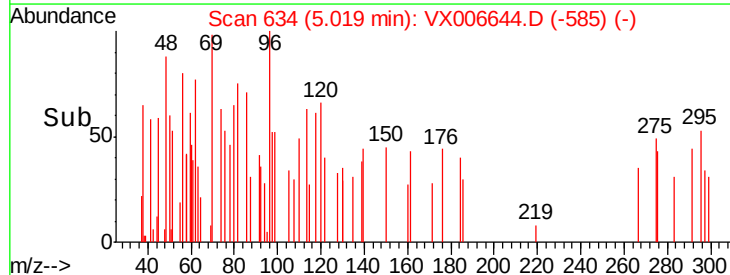
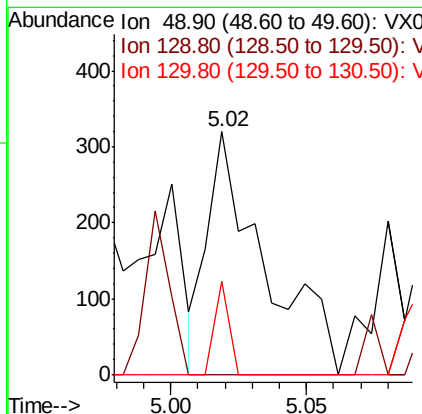
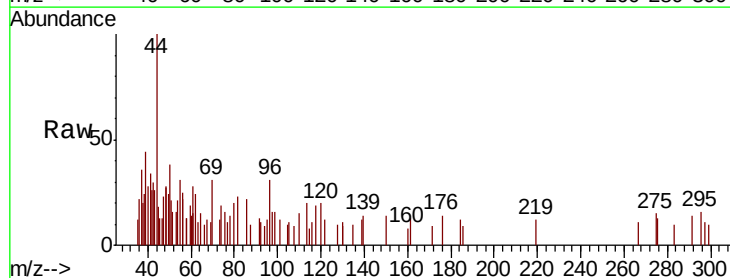
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	258.6
98	65.0	0.0	132.0

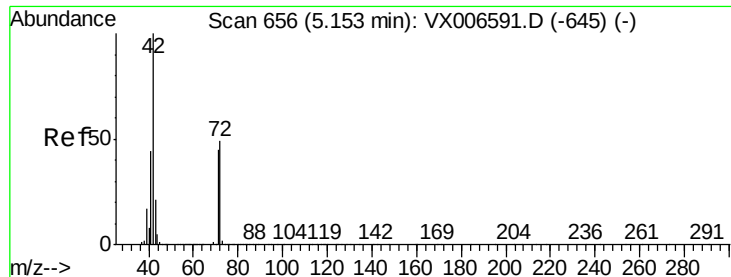


#28

Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	9.7	77.7	116.5#





#29

Tetrahydrofuran

Concen: 0.660 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

MW-1

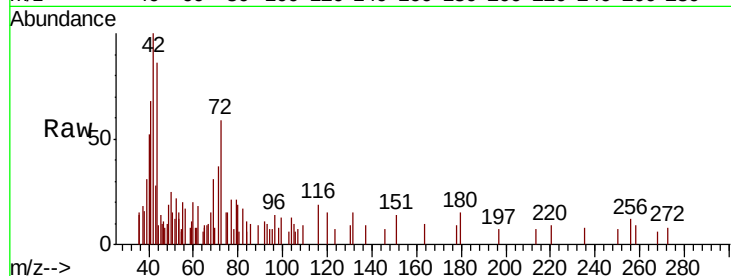
Tot Ion: 42 Resp: 1907

Ion Ratio Lower Upper

42 100

72 61.5 38.9 58.3#

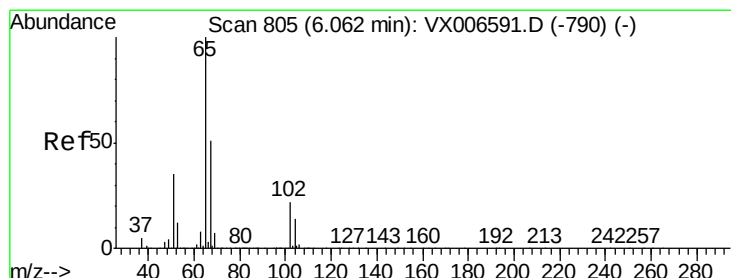
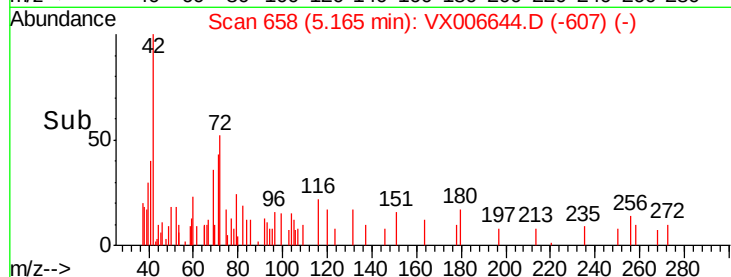
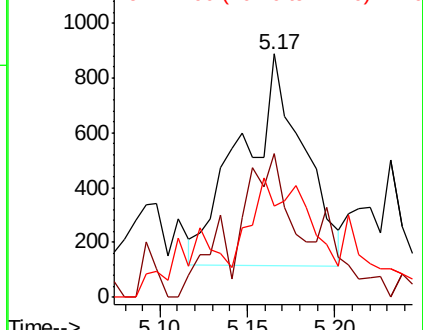
71 42.5 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.380 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006644.D

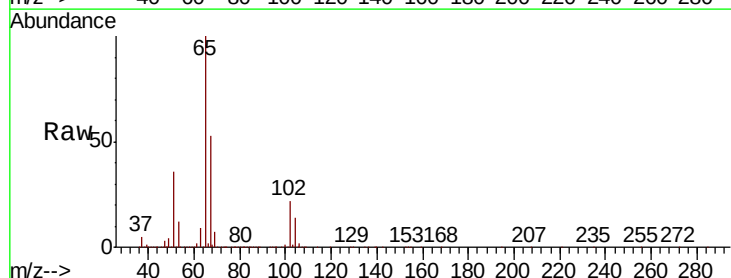
Acq: 19 Dec 2018 18:31

Tgt Ion: 65 Resp: 355324

Ion Ratio Lower Upper

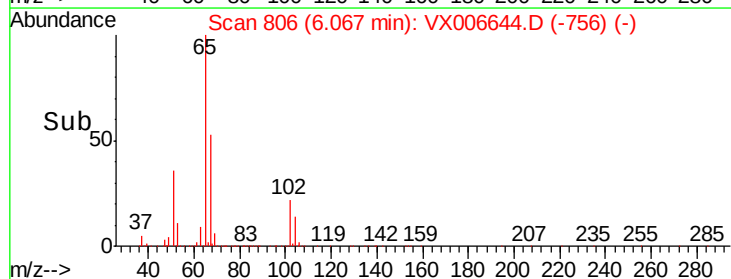
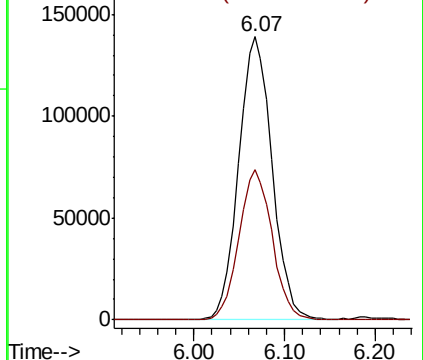
65 100

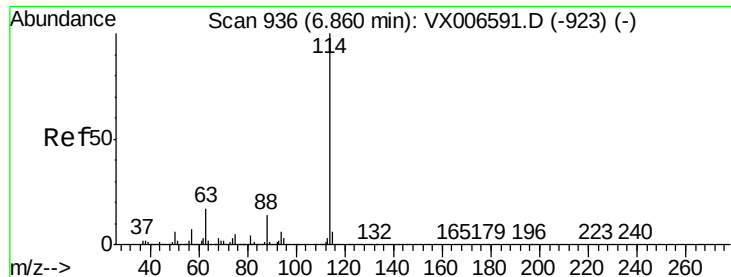
67 52.8 0.0 105.0



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: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

MW-1

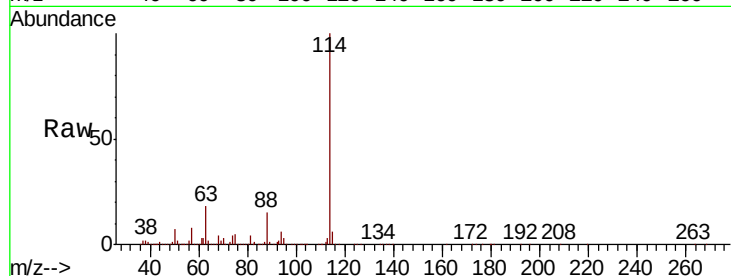
Tot Ion:114 Resp: 1012297

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

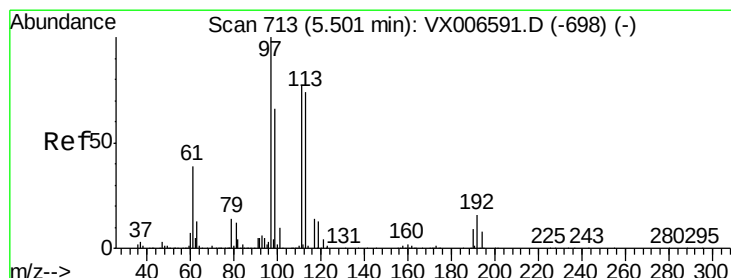
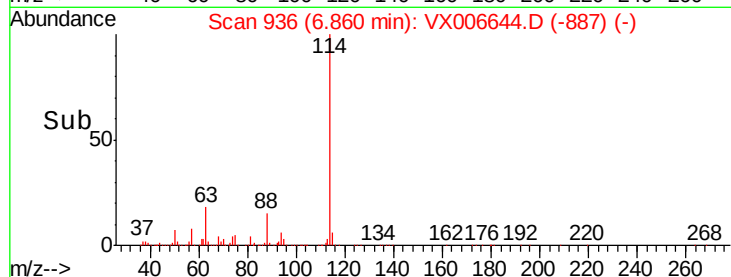
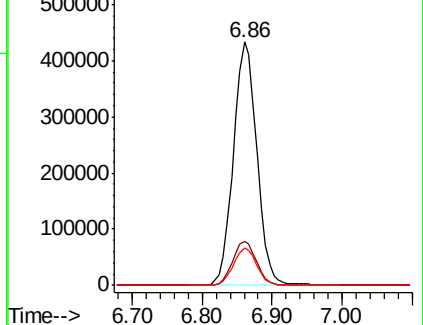
88 15.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.395 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

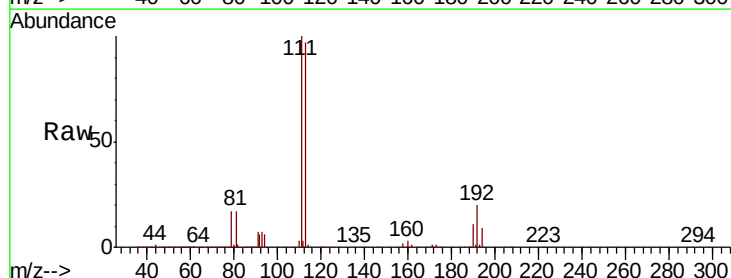
Tgt Ion:113 Resp: 303403

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

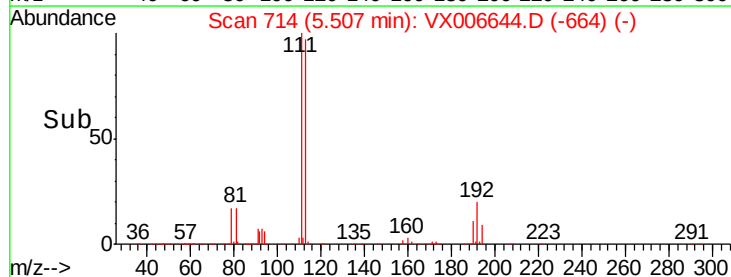
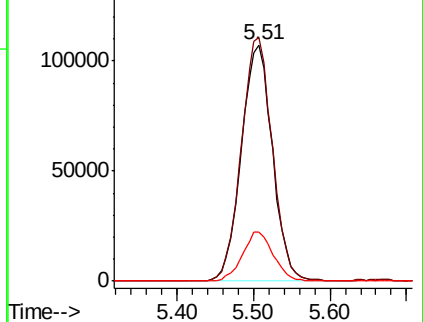
192 20.7 16.7 25.1

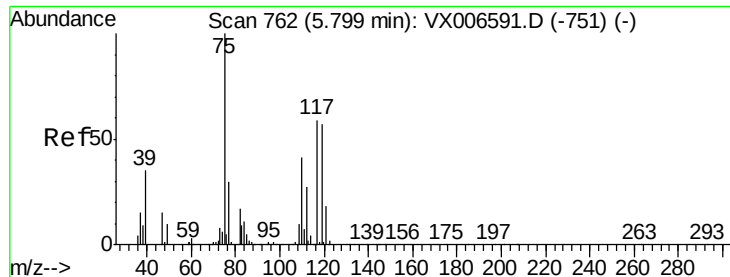


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.261 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

MW-1

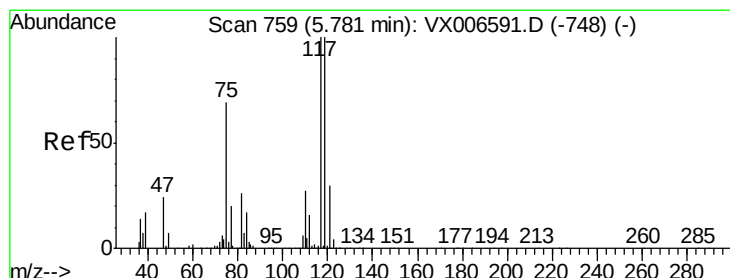
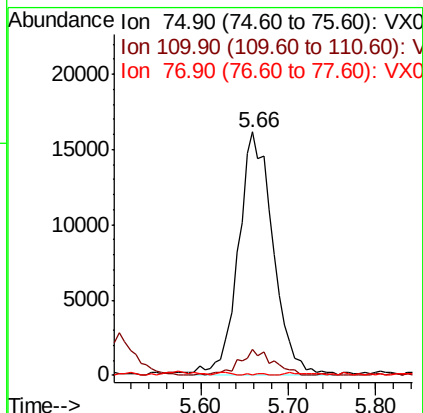
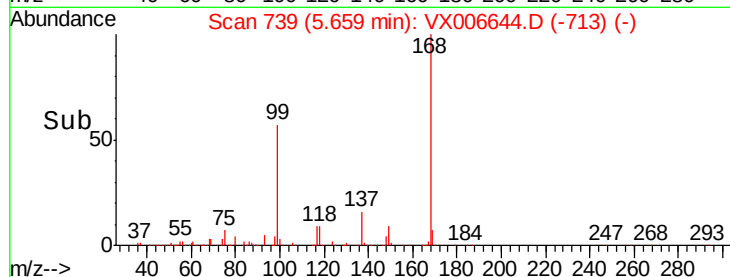
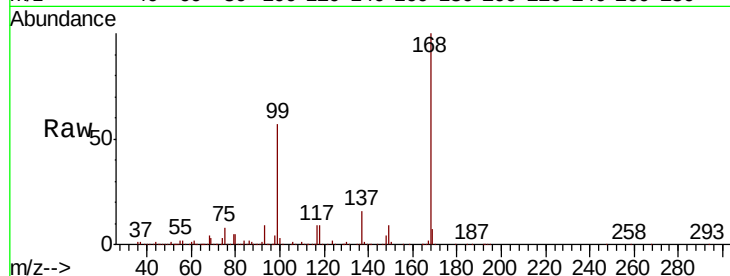
Tot Ion: 75 Resp: 44109

Ion Ratio Lower Upper

75 100

110 10.5 20.2 60.5#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.486 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

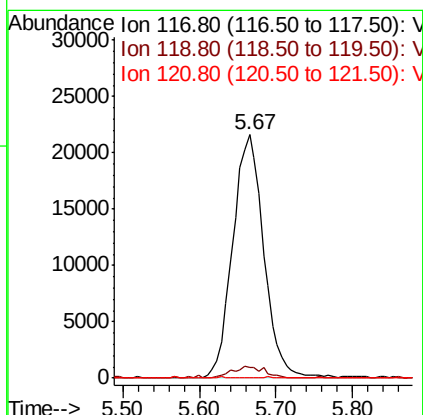
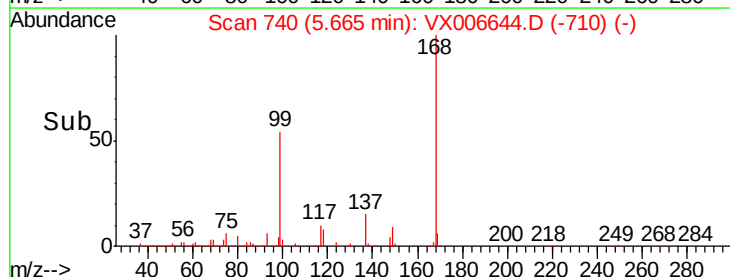
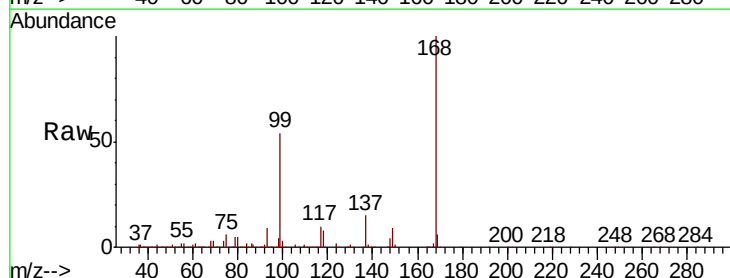
Tgt Ion: 117 Resp: 61000

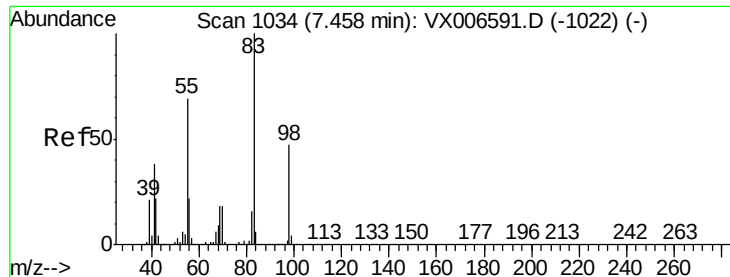
Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

121 0.0 24.0 36.0#





#39

Methylvlcyclohexane

Concen: 0.386 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

MW-1

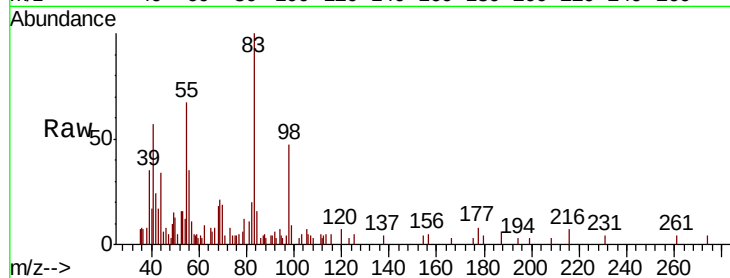
Tot Ion: 83 Resp: 4264

Ion Ratio Lower Upper

83 100

55 56.3 54.9 82.3

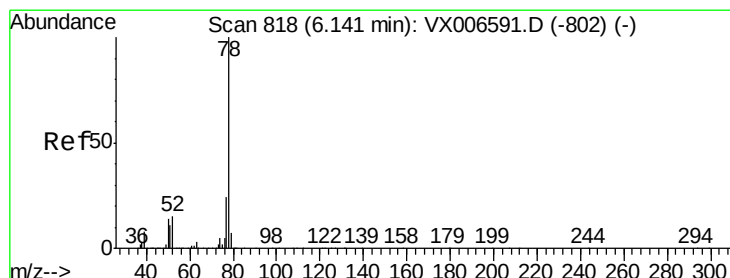
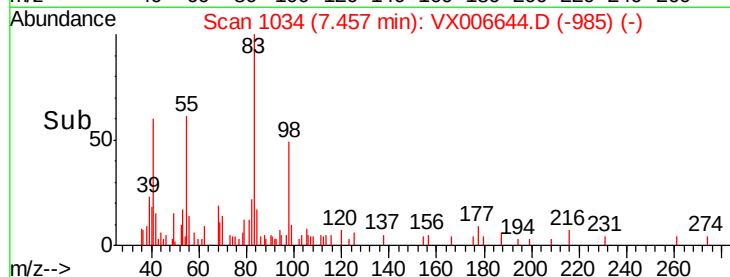
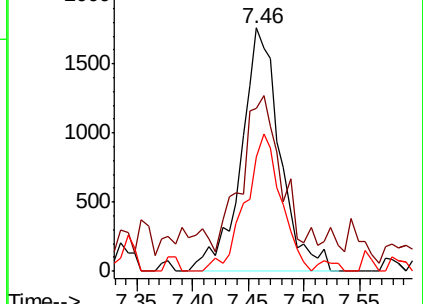
98 46.7 37.9 56.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.617 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006644.D

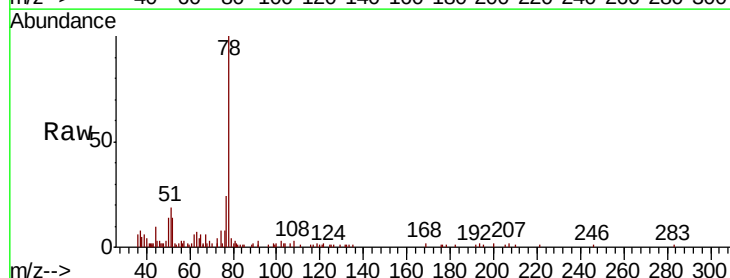
Acq: 19 Dec 2018 18:31

Tgt Ion: 78 Resp: 15723

Ion Ratio Lower Upper

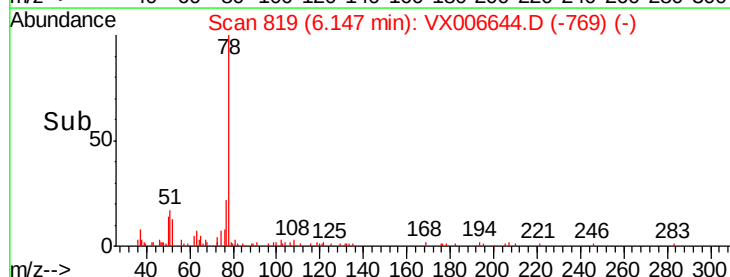
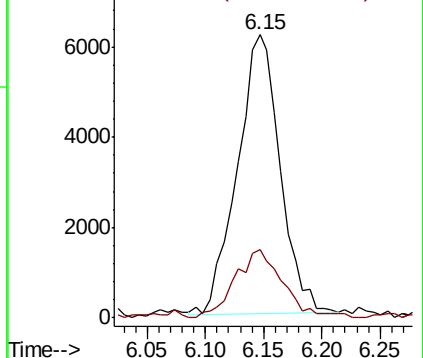
78 100

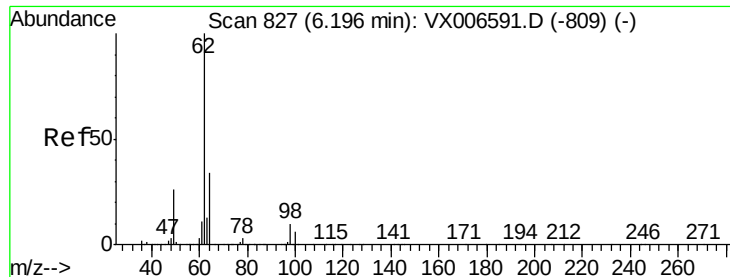
77 24.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 6.138 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

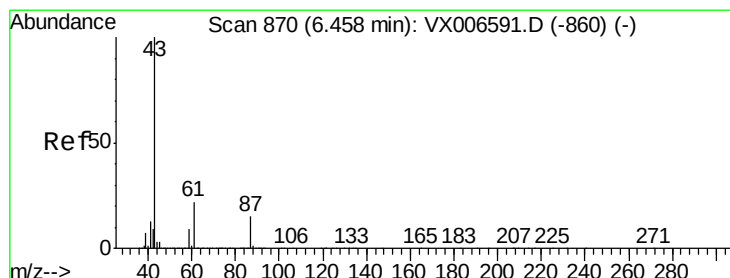
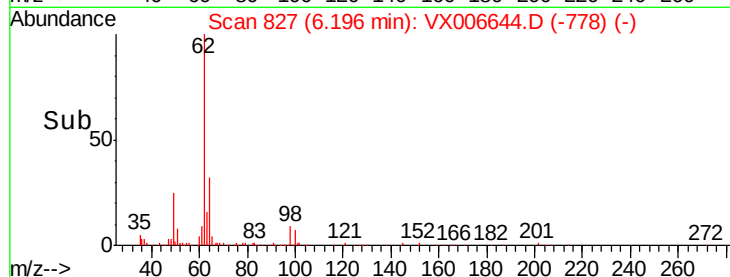
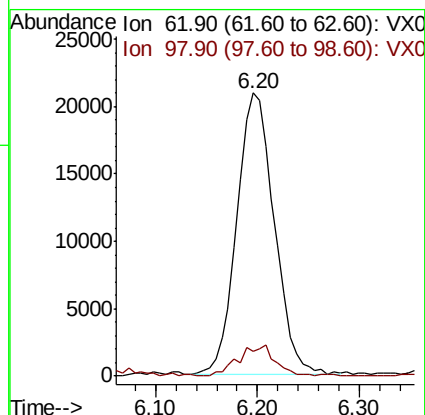
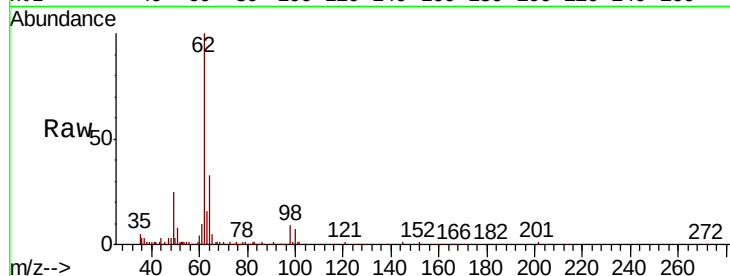
MW-1

Tot Ion: 62 Resp: 53301

Ion Ratio Lower Upper

62 100

98 10.7 0.0 20.2



#43

Isopropyl Acetate

Concen: 6.842 ug/l

RT: 6.37 min Scan# 856

Delta R.T. -0.09 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

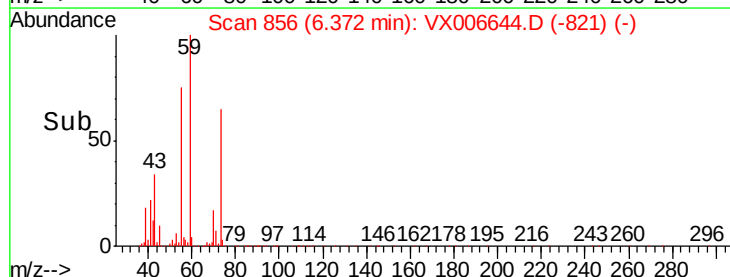
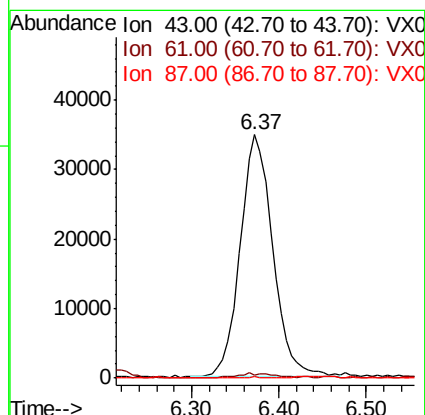
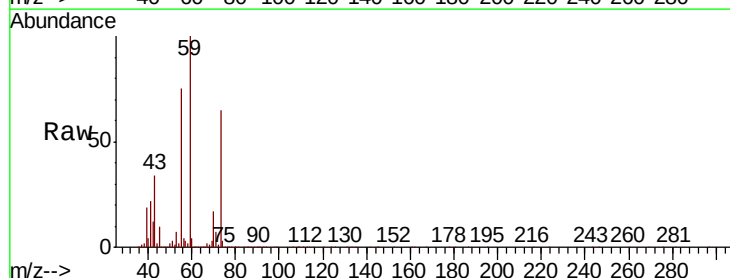
Tgt Ion: 43 Resp: 90840

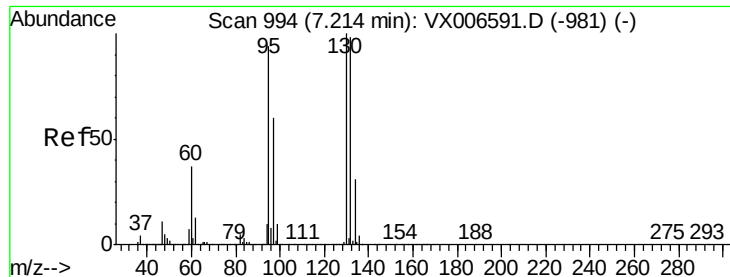
Ion Ratio Lower Upper

43 100

61 2.3 16.8 25.2#

87 0.1 12.4 18.6#





#44

Trichloroethene

Concen: 1.068 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

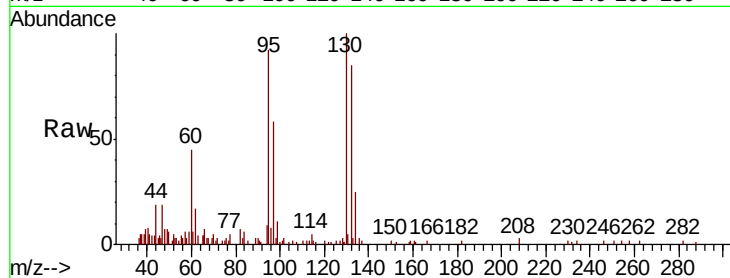
MW-1

Tot Ion:130 Resp: 8239

Ion Ratio Lower Upper

130 100

95 92.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

4000

3000

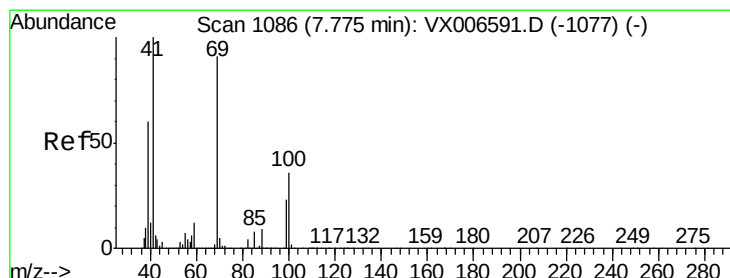
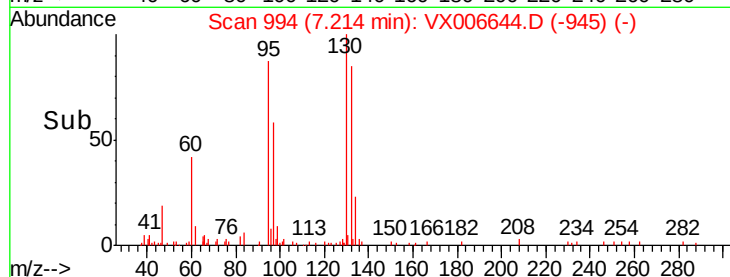
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#48

Methyl methacrylate

Concen: 0.806 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.03 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

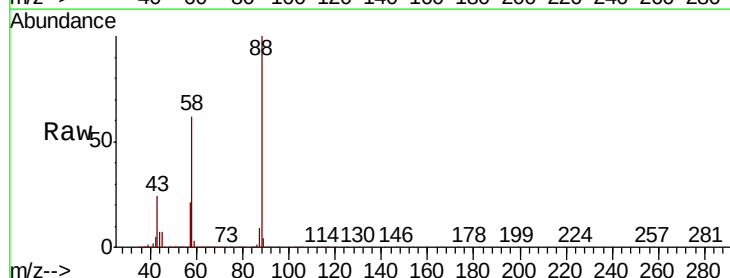
Tgt Ion: 41 Resp: 5442

Ion Ratio Lower Upper

41 100

69 28.2 72.4 108.6#

39 33.9 45.8 68.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.74

3000

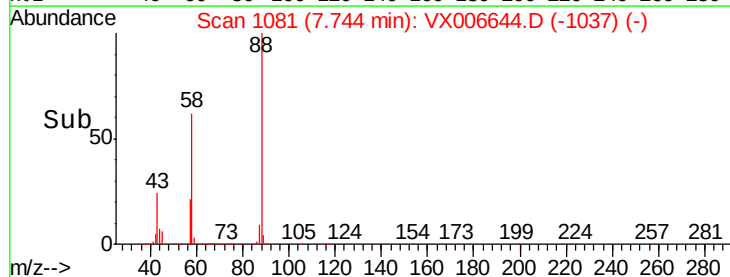
2000

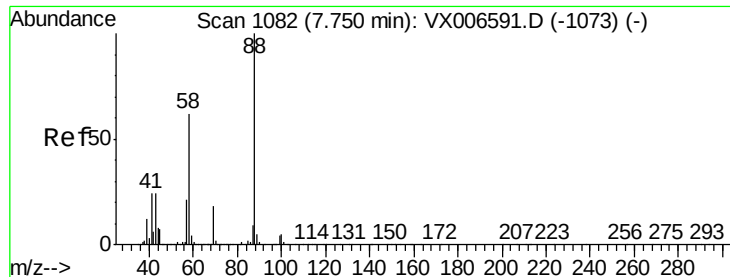
1000

0

7.65 7.70 7.75 7.80 7.85

Time-->





#49

1,4-Dioxane

Concen: 1788.943 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

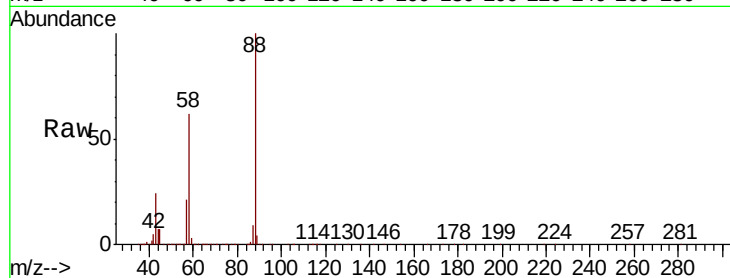
MSVOA_X

ClientSampleId :

MW-1

Tot Ion: 88 Resp: 313270

Ion	Ratio	Lower	Upper
88	100		
43	23.7	22.2	33.4
58	61.0	51.0	76.4

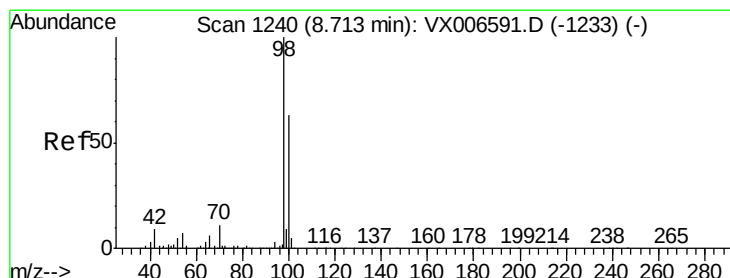
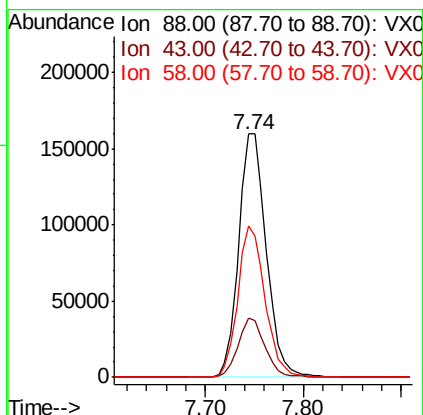
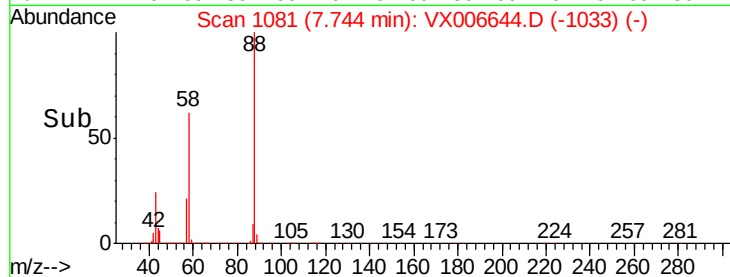


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.296 ug/l

RT: 8.71 min Scan# 1240

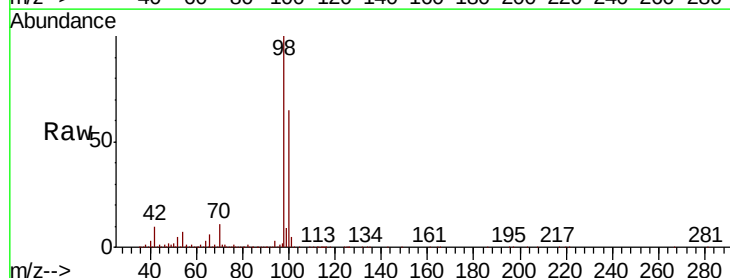
Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Tgt Ion: 98 Resp: 1213861

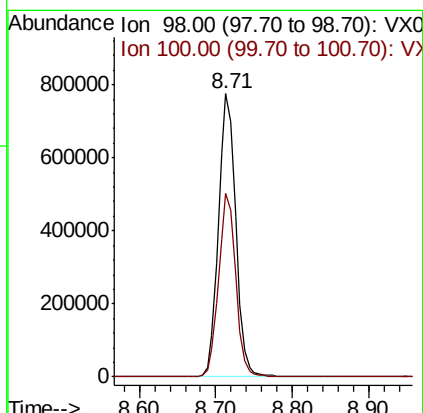
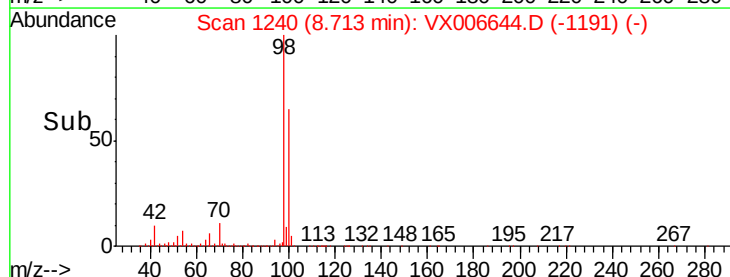
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

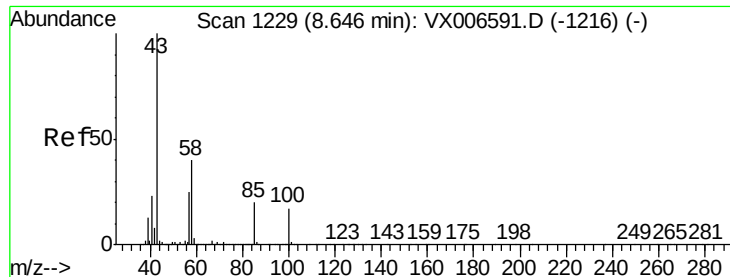


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

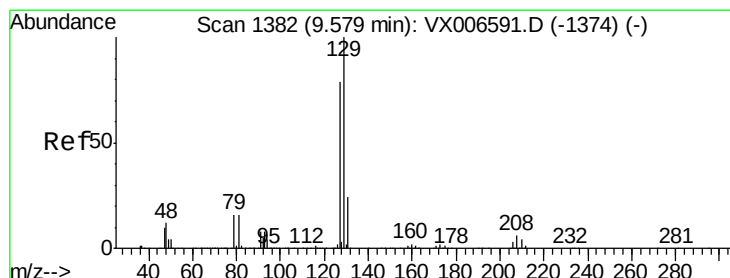
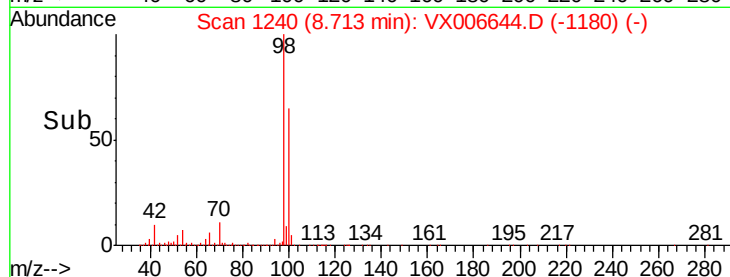
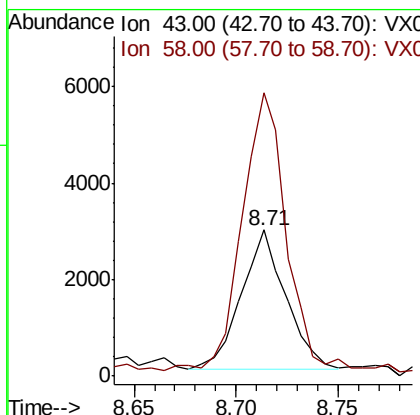
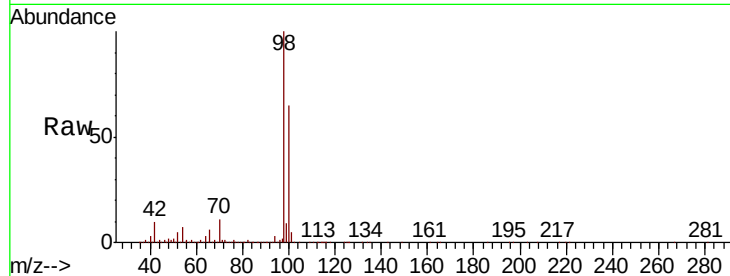




#51
 4-Methyl-2-Pentanone
 Concen: 0.513 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.07 min
 Lab File: VX006644.D
 Acq: 19 Dec 2018 18:31

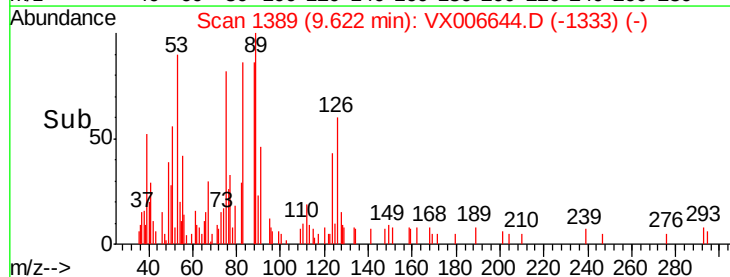
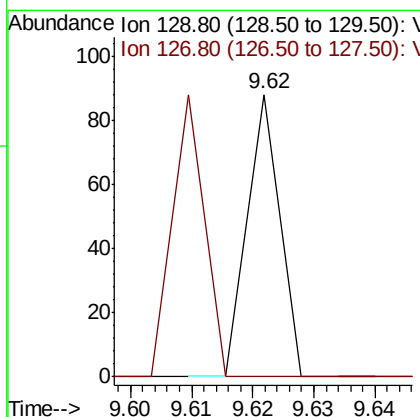
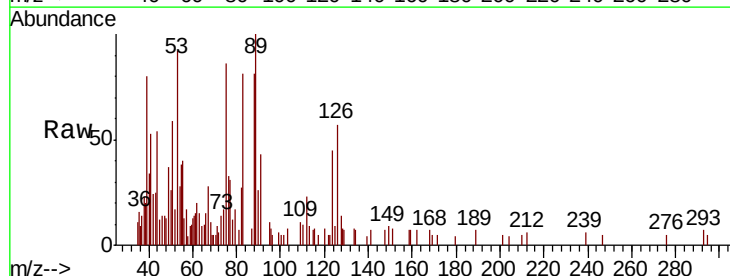
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

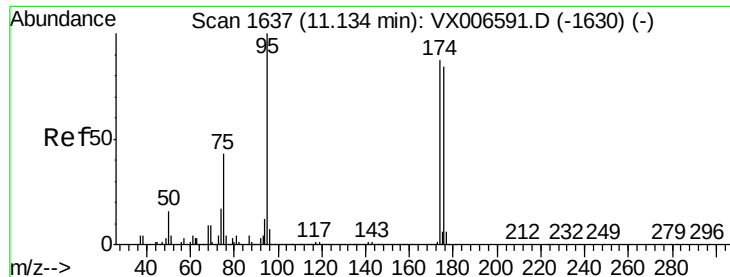
Tot Ion: 43 Resp: 4335
 Ion Ratio Lower Upper
 43 100
 58 200.8 31.8 47.6#



#60
 Dibromochloromethane
 Concen: 2.329 ug/l
 RT: 9.62 min Scan# 1389
 Delta R.T. 0.04 min
 Lab File: VX006644.D
 Acq: 19 Dec 2018 18:31

Tgt Ion: 129 Resp: 32
 Ion Ratio Lower Upper
 129 100
 127 100.0 39.3 117.8

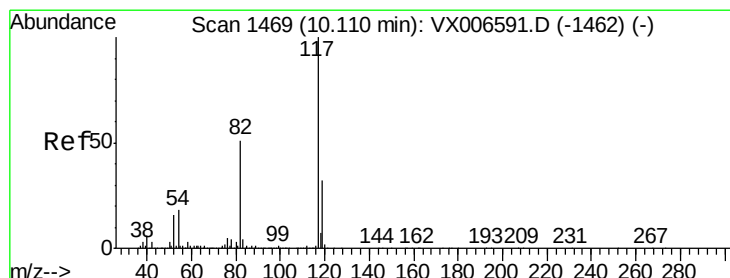
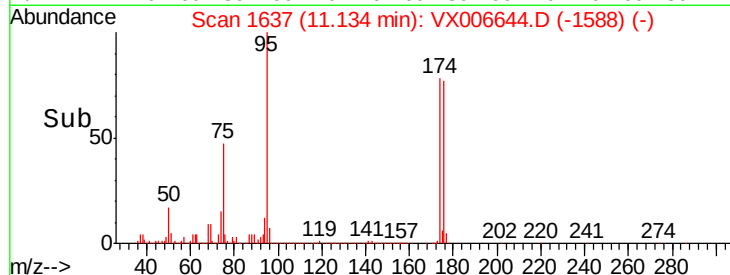
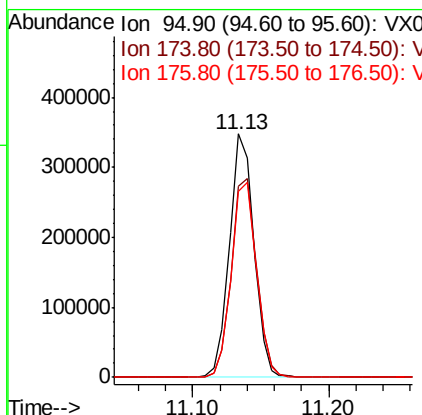
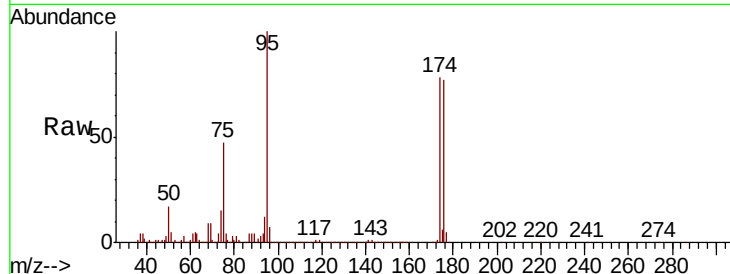




#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

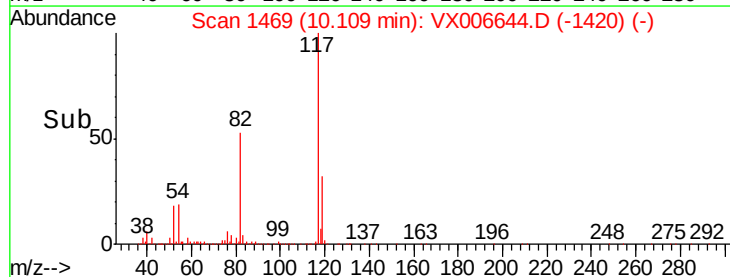
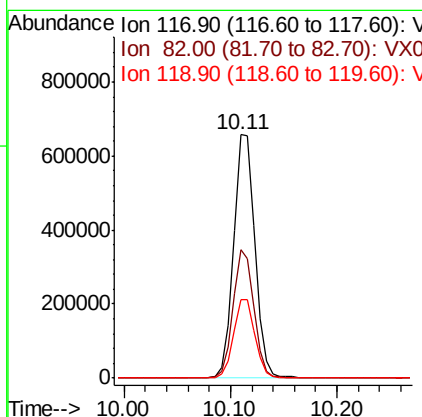
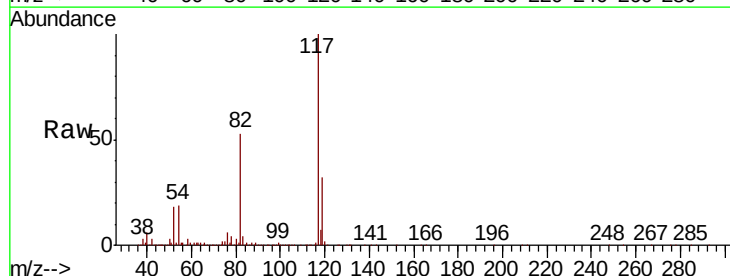
Instrument :
MSVOA_X
ClientSampleId :
MW-1

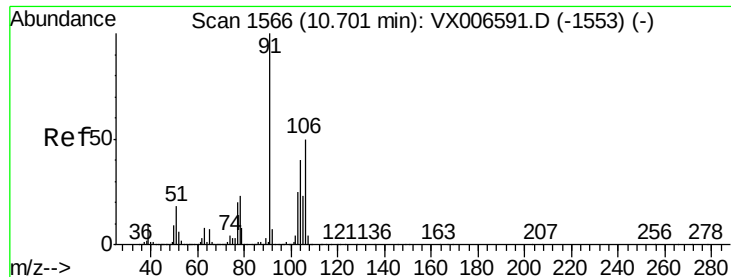
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	182.2
176	83.0	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.0	61.6
119	32.4	25.4	38.0

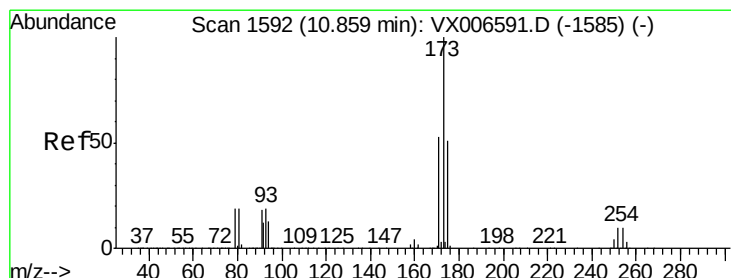
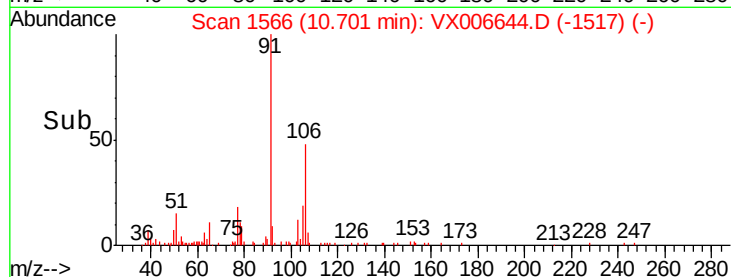
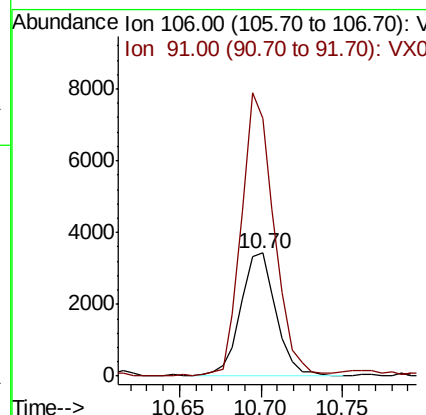
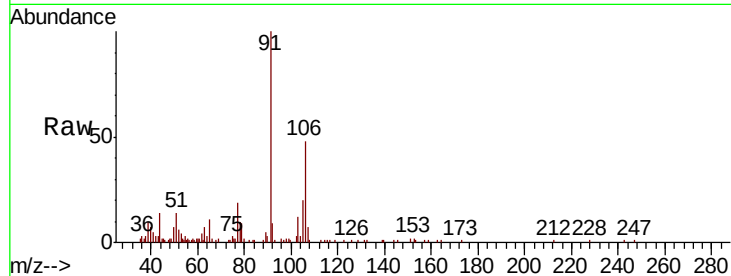




#69
o-Xylene
Concen: 0.415 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

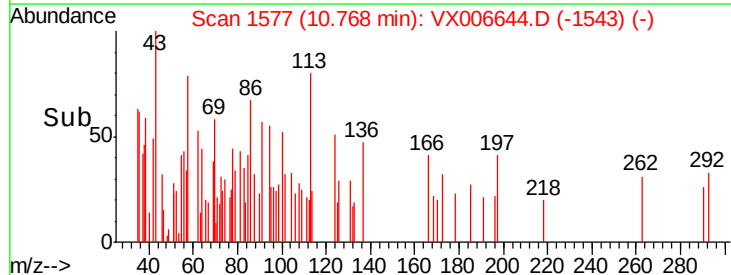
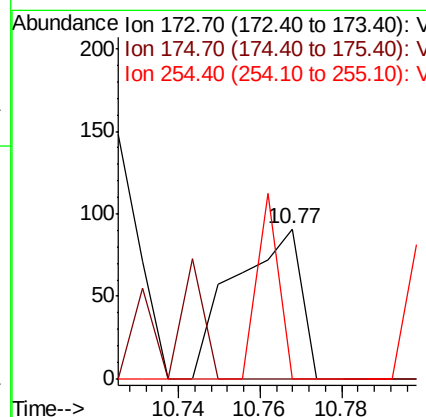
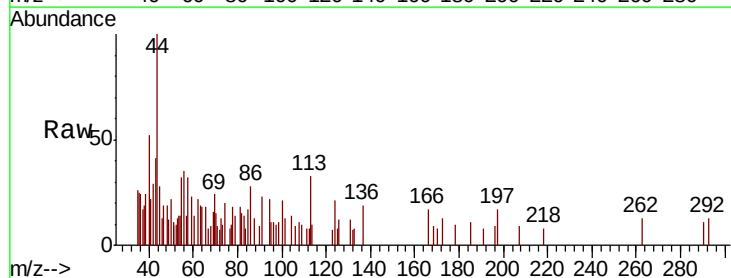
Instrument :
MSVOA_X
ClientSampleId :
MW-1

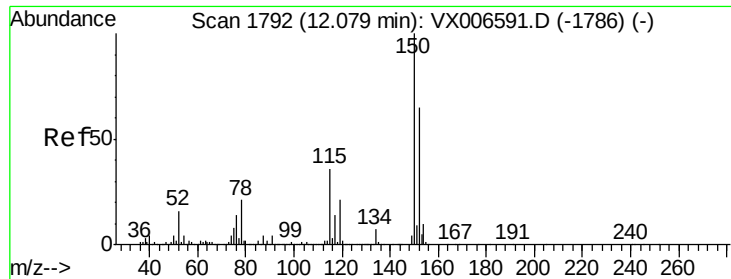
Tot Ion:106 Resp: 5200
Ion Ratio Lower Upper
106 100
91 211.9 101.3 303.7



#71
Bromoform
Concen: 4.477 ug/l
RT: 10.77 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VX006644.D
Acq: 19 Dec 2018 18:31

Tgt Ion:173 Resp: 104
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 39.4 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

MW-1

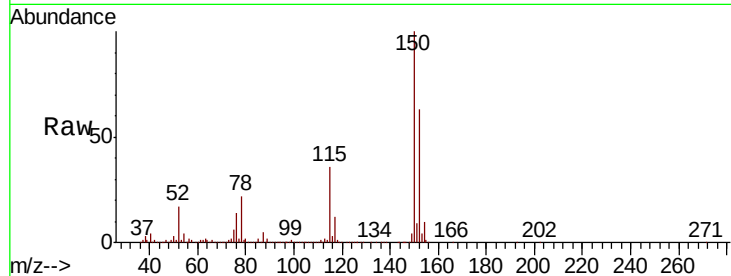
Tot Ion:152 Resp: 438120

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.2

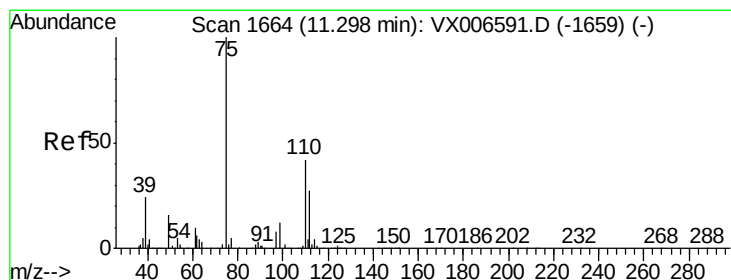
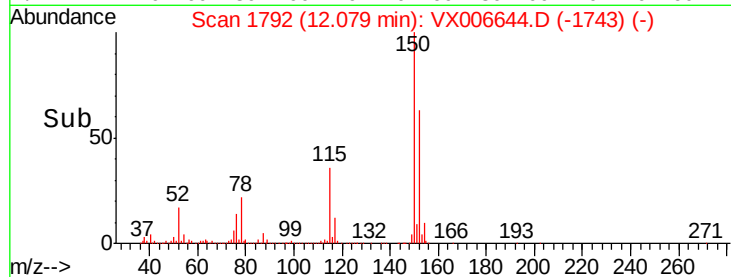
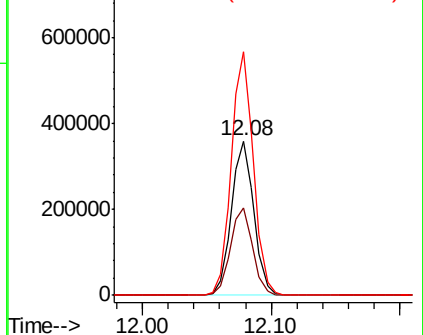
150 156.1 0.0 344.8



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: 25.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006644.D

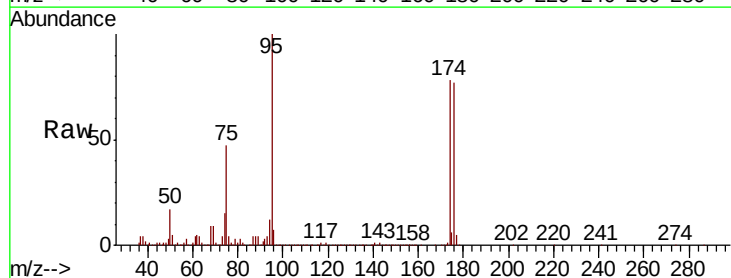
Acq: 19 Dec 2018 18:31

Tgt Ion: 75 Resp: 208167

Ion Ratio Lower Upper

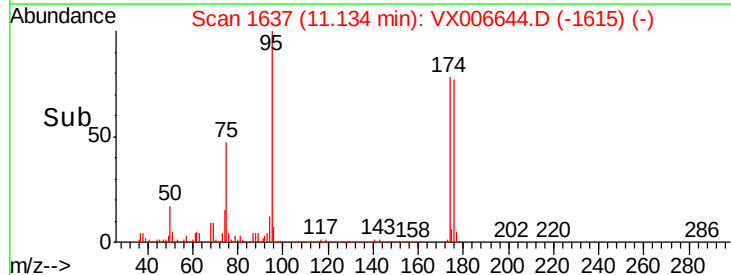
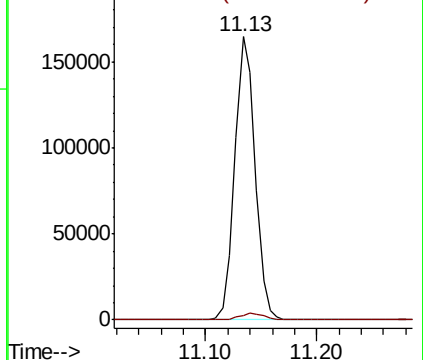
75 100

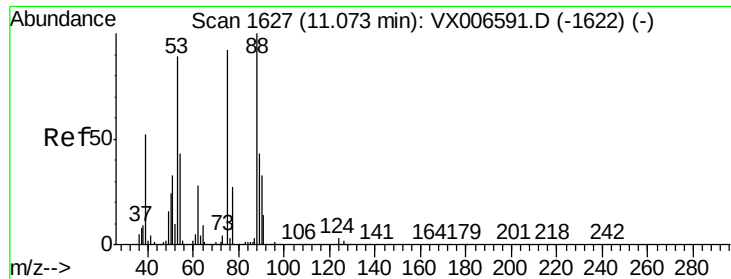
77 2.9 18.5 55.5#



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: 75.453 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006644.D

Acq: 19 Dec 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

MW-1

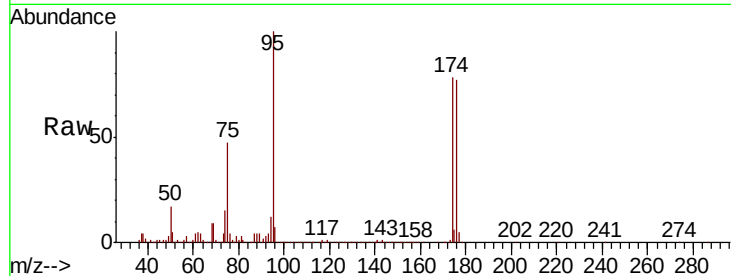
Tot Ion: 75 Resp: 208167

Ion Ratio Lower Upper

75 100

53 5.5 79.7 119.5#

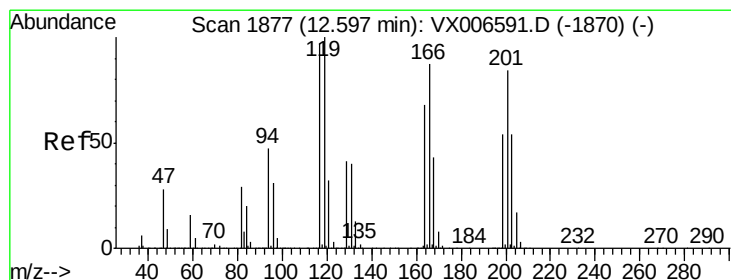
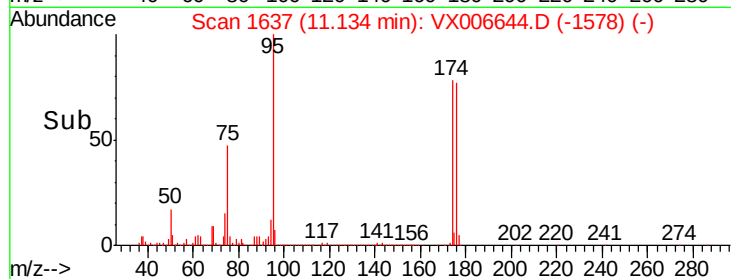
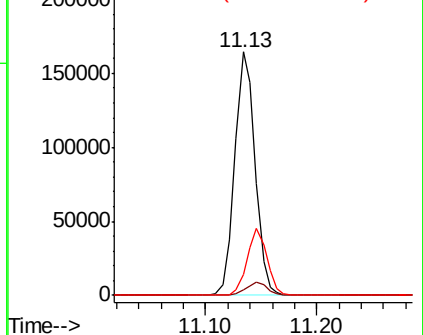
89 27.1 38.0 57.0#



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



#90

Hexachloroethane

Concen: 3.353 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006644.D

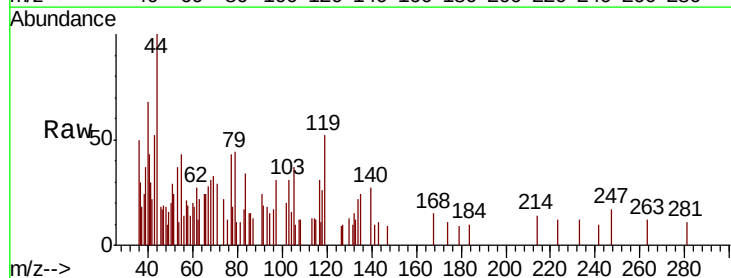
Acq: 19 Dec 2018 18:31

Tgt Ion: 117 Resp: 266

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

