

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002638.D
 Acq On : 16 Jun 2018 10:43
 Operator : JC/MD
 Sample : J3479-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Quant Time: Jun 18 06:09:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190518	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150709	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	115446	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.72	98	450917	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	171511	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds						Qvalue
5) Bromomethane	1.65	94	1253	0.72	ug/l	90
6) Chloroethane	1.68	64	516	0.27	ug/l #	63
10) Methyl Iodide	2.51	142	1396	5.54	ug/l	90
11) Tert butyl alcohol	3.07	59	16400	23.75	ug/l	97
13) Acrolein	2.31	56	110	7.19	ug/l #	14
16) Acetone	2.45	43	4516	3.07	ug/l	98
18) Methyl Acetate	2.79	43	1688	0.43	ug/l #	83
25) 2-Butanone	4.71	43	2486	1.28	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1916	0.71	ug/l #	1
29) Tetrahydrofuran	5.18	42	523	0.41	ug/l #	40
36) 1,1-Dichloropropene	5.67	75	15638	4.69	ug/l #	51
38) Carbon Tetrachloride	5.67	117	20248	6.10	ug/l #	16
40) Benzene	6.15	78	34590	3.46	ug/l	99
52) Toluene	8.79	92	1483	0.23	ug/l	87
53) t-1,3-Dichloropropene	8.20	75	29	2.40	ug/l #	43
54) cis-1,3-Dichloropropene	9.13	75	20	3.22	ug/l #	70
60) Dibromochloromethane	9.34	129	176	3.82	ug/l #	11
65) Chlorobenzene	10.15	112	4574663	615.09	ug/l	96
71) Bromoform	10.87	173	615	5.08	ug/l #	88
76) 1,2,3-Trichloropropane	11.14	75	90970	25.30	ug/l #	33
79) 2-Chlorotoluene	11.43	91	2493	0.29	ug/l #	56
81) trans-1,4-Dichloro-2-buten	11.14	75	90970	78.38	ug/l #	7
86) p-Isopropyltoluene	12.24	119	4252	0.36	ug/l	88
87) 1,3-Dichlorobenzene	12.03	146	443395	68.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1379835	208.31	ug/l	99
90) Hexachloroethane	12.54	117	622	2.95	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	10926695	1667.65	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	383	0.49	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	27169	5.71	ug/l	97
95) Naphthalene	13.84	128	4144	0.32	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	20547	4.30	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

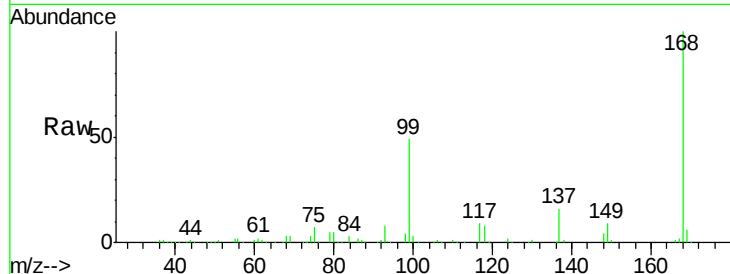
SS003RW114R-180611

Tot Ion:168 Resp: 219767

Ion Ratio Lower Upper

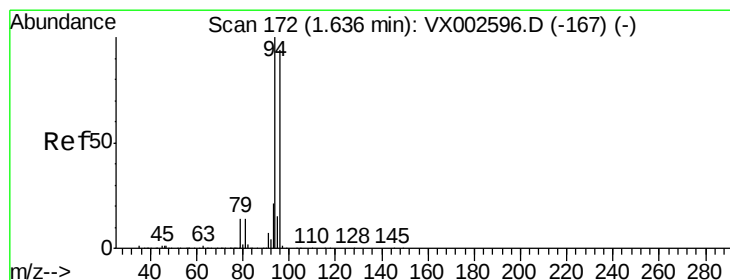
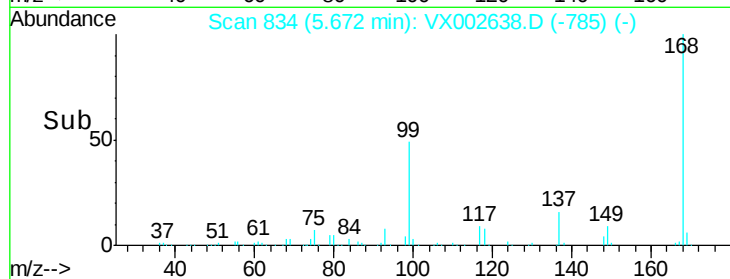
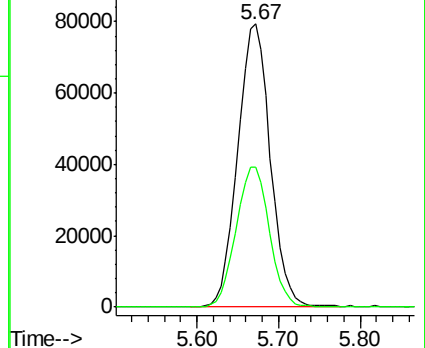
168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.72 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002638.D

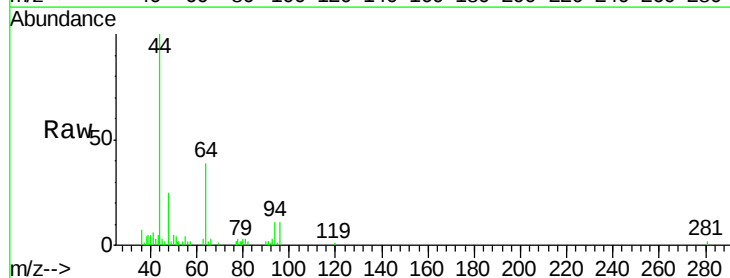
Acq: 16 Jun 2018 10:43

Tgt Ion: 94 Resp: 1253

Ion Ratio Lower Upper

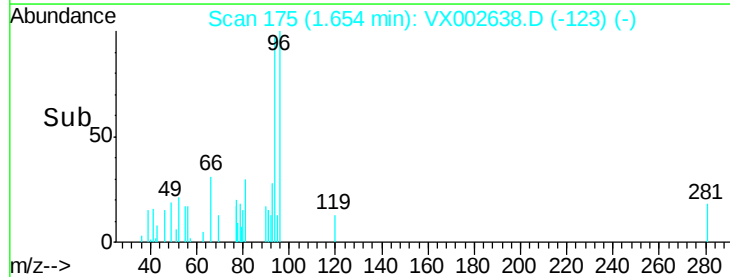
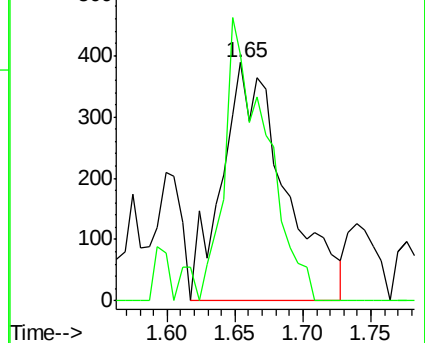
94 100

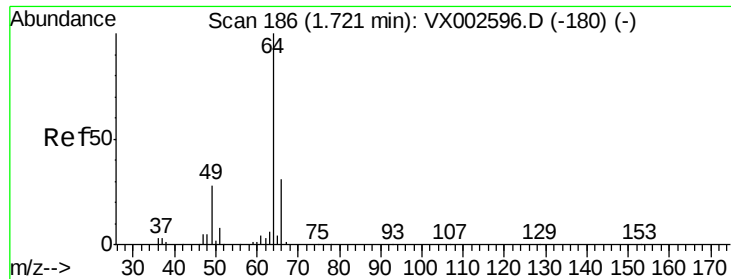
96 103.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.27 ug/l

RT: 1.68 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

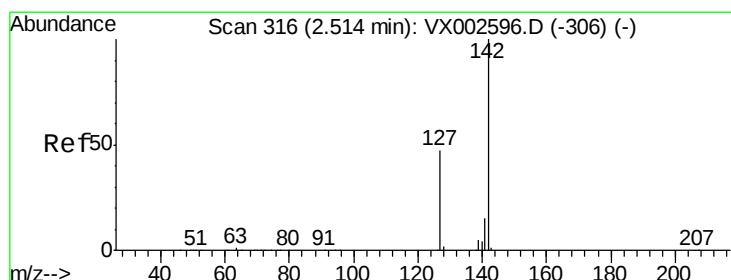
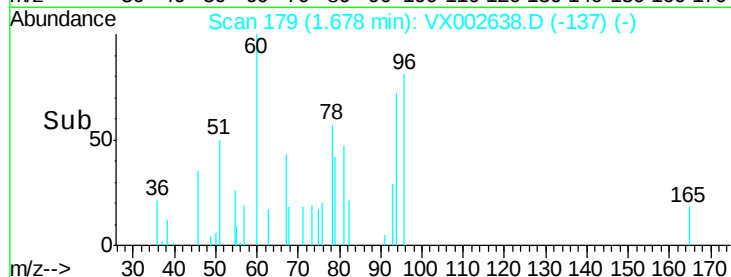
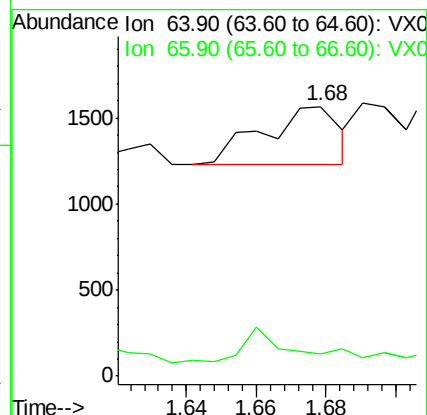
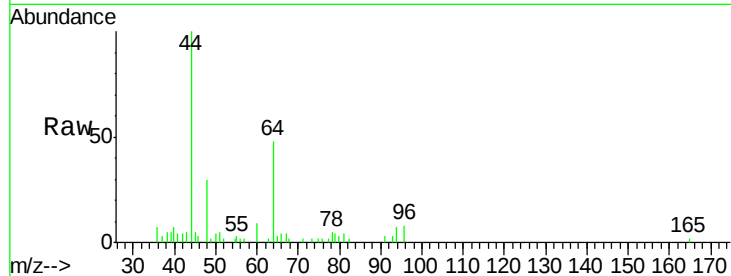
SS003RW114R-180611

Tot Ion: 64 Resp: 516

Ion Ratio Lower Upper

64 100

66 11.3 25.5 38.3#



#10

Methyl Iodide

Concen: 5.54 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

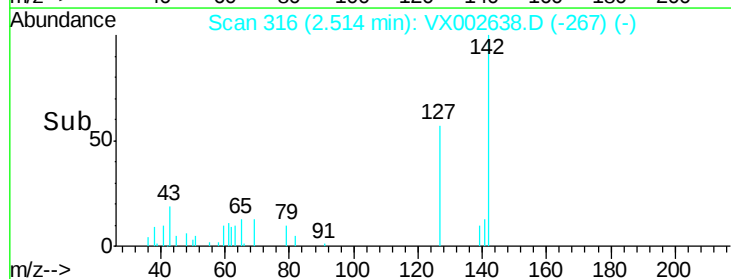
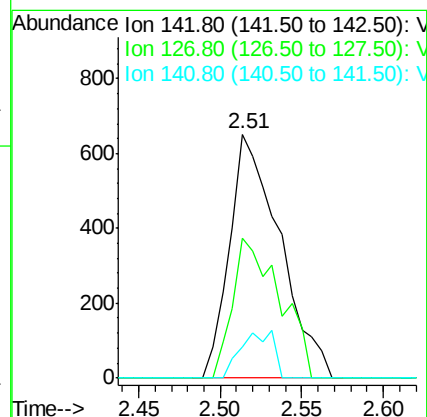
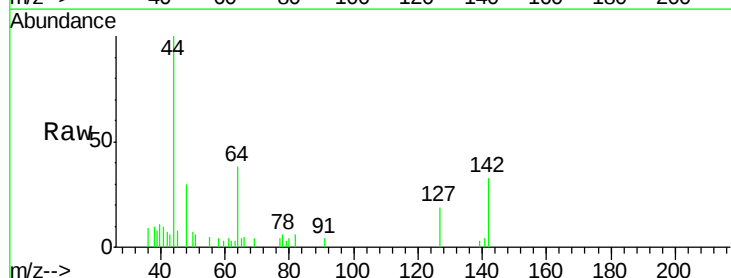
Tgt Ion:142 Resp: 1396

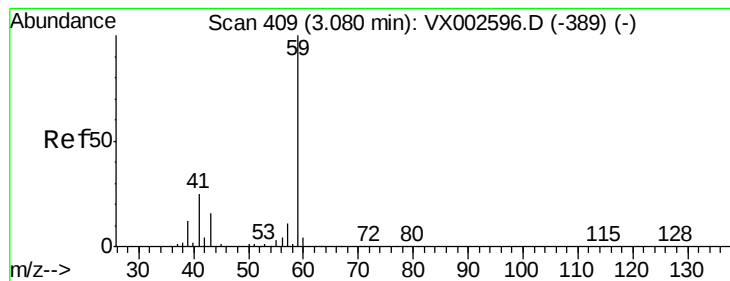
Ion Ratio Lower Upper

142 100

127 53.9 36.6 55.0

141 12.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 23.75 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

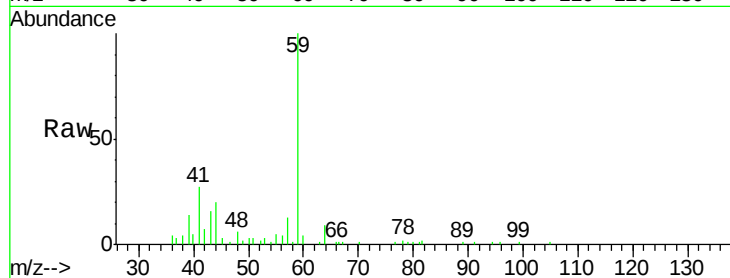
SS003RW114R-180611

Tot Ion: 59 Resp: 16400

Ion Ratio Lower Upper

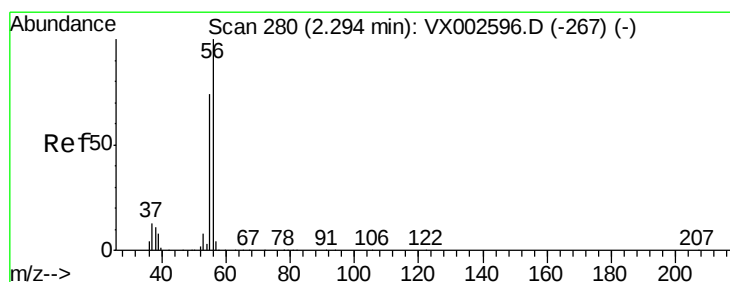
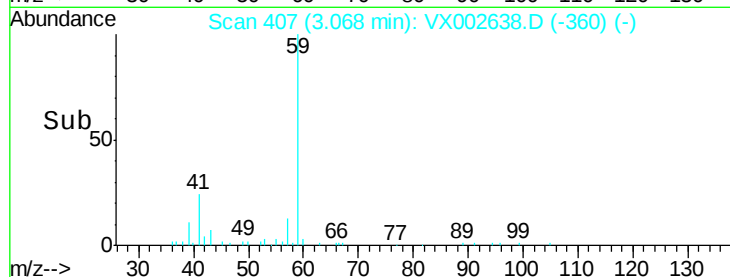
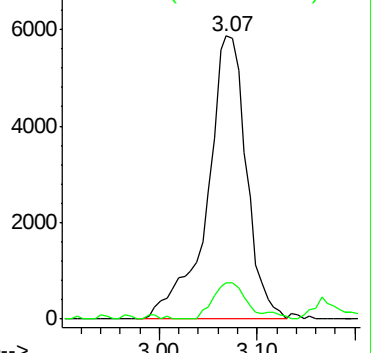
59 100

57 11.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 7.19 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002638.D

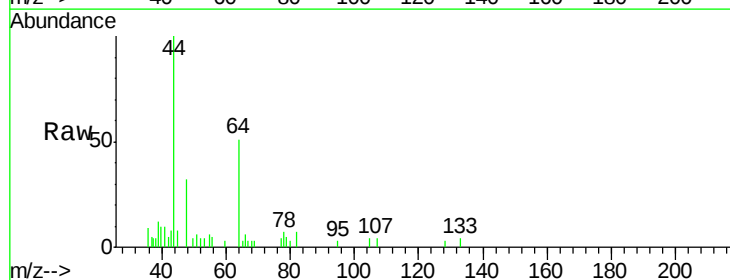
Acq: 16 Jun 2018 10:43

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

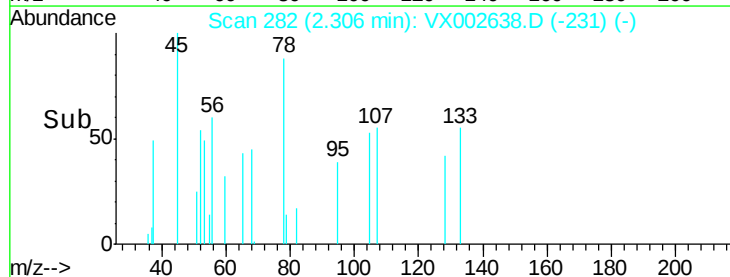
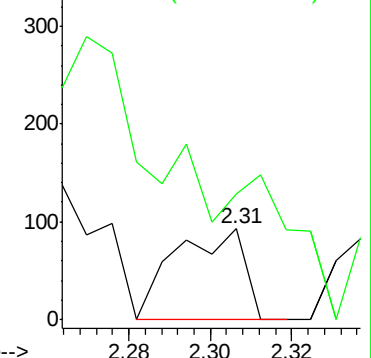
56 100

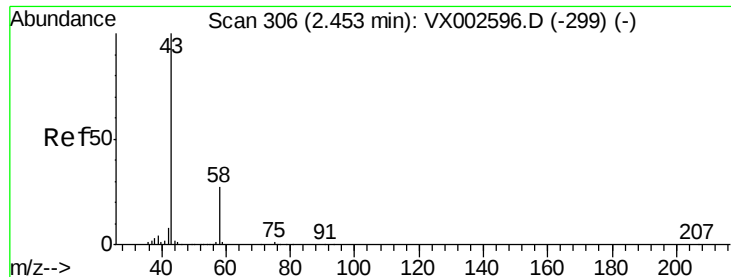
55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

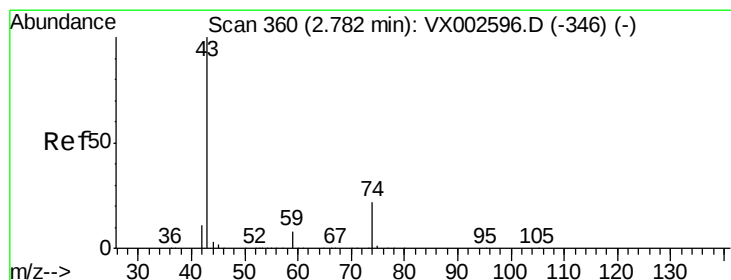
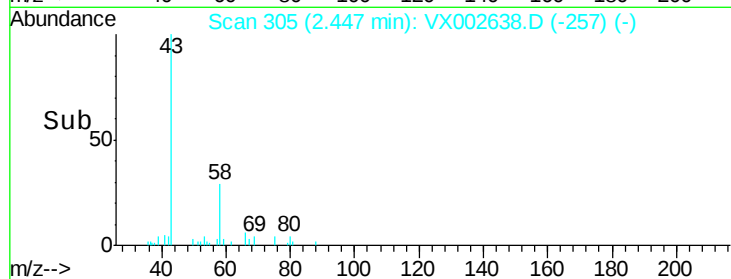
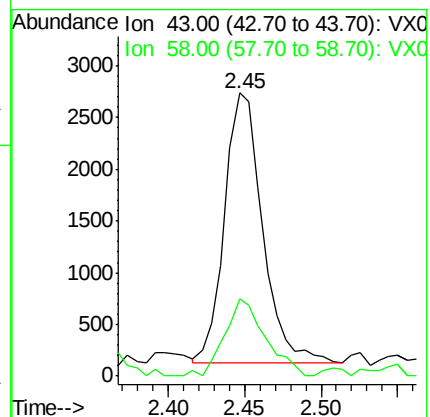
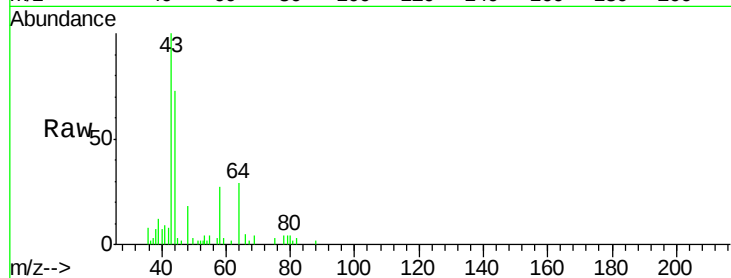
SS003RW114R-180611

Tot Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

58 26.7 22.1 33.1



#18

Methyl Acetate

Concen: 0.43 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX002638.D

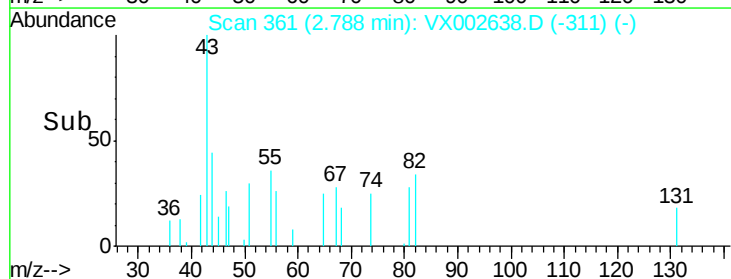
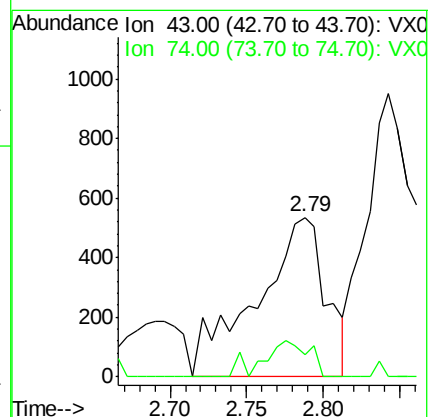
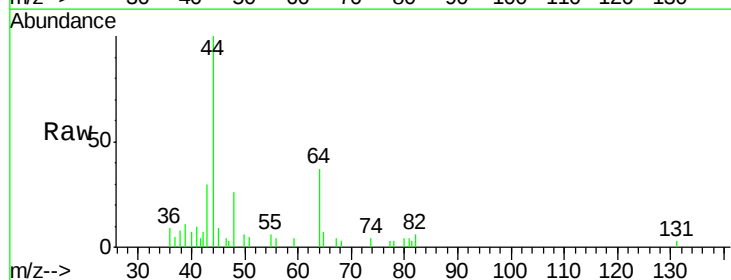
Acq: 16 Jun 2018 10:43

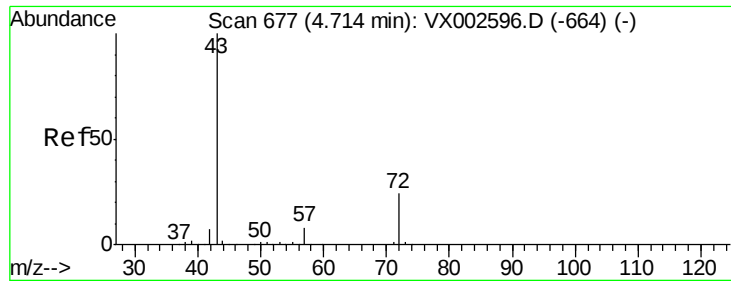
Tgt Ion: 43 Resp: 1688

Ion Ratio Lower Upper

43 100

74 13.2 16.7 25.1#





#25

2-Butanone

Concen: 1.28 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

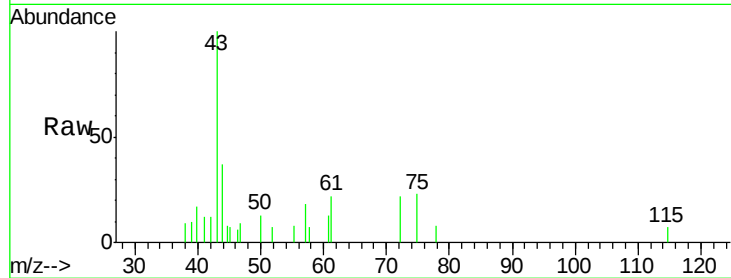
SS003RW114R-180611

Tot Ion: 43 Resp: 2486

Ion Ratio Lower Upper

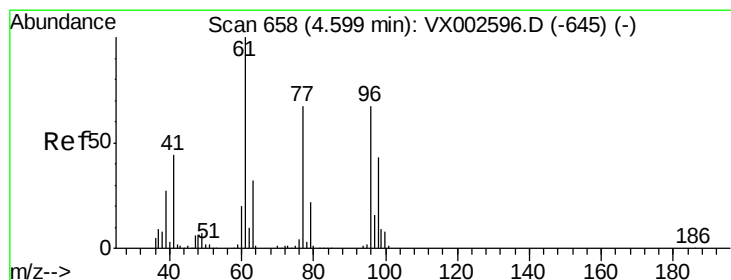
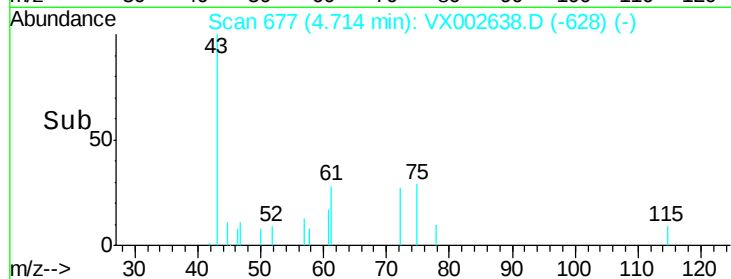
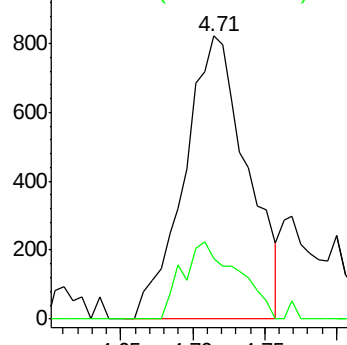
43 100

72 21.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.71 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

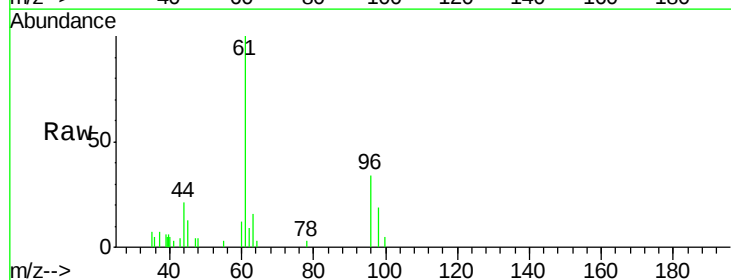
Tgt Ion: 96 Resp: 1916

Ion Ratio Lower Upper

96 100

61 352.5 0.0 330.2#

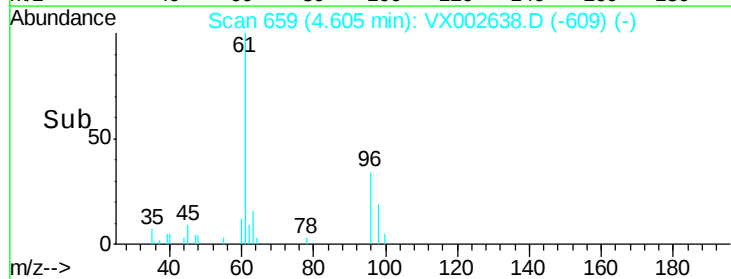
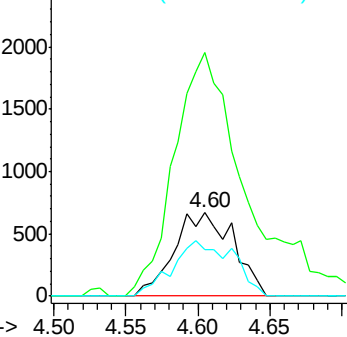
98 67.9 0.0 130.2

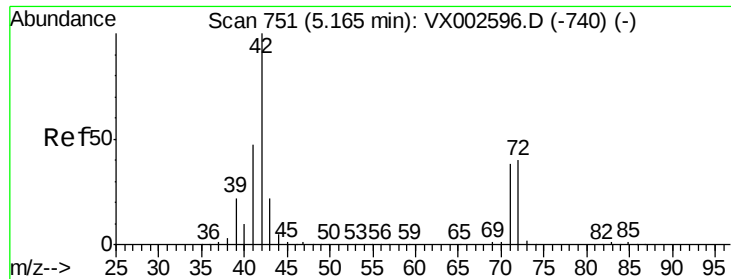


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

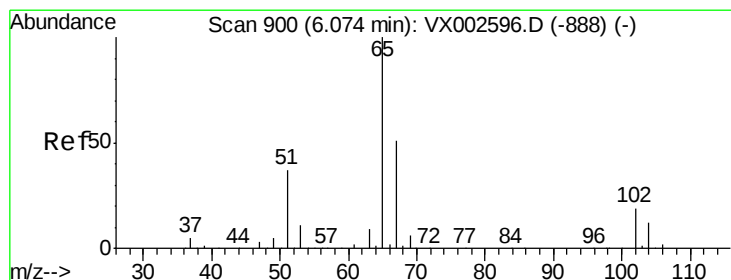
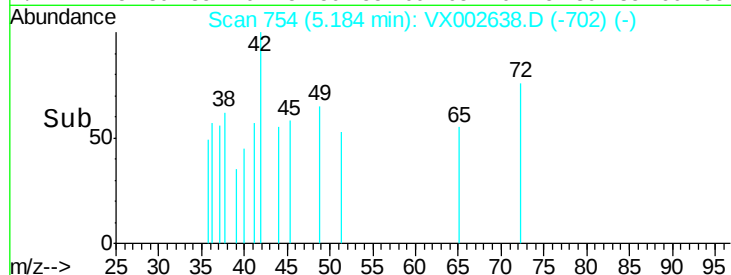
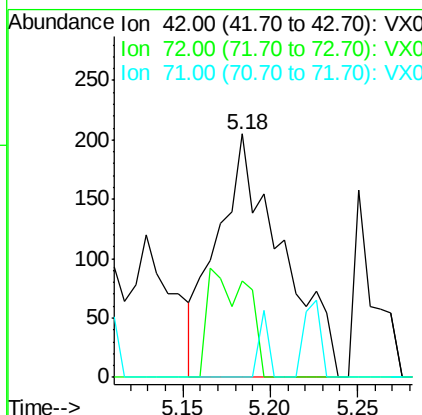
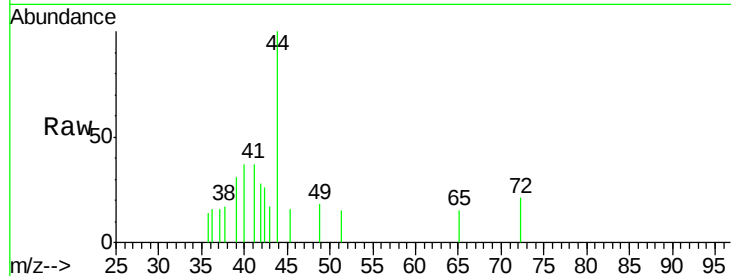




#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

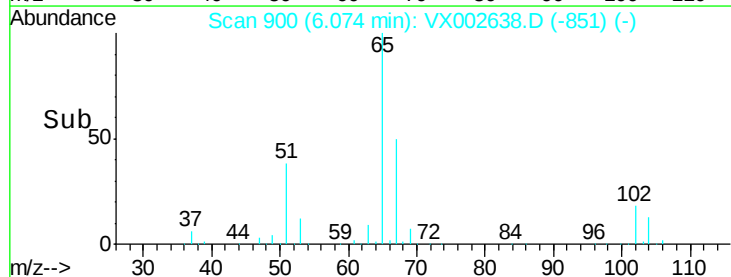
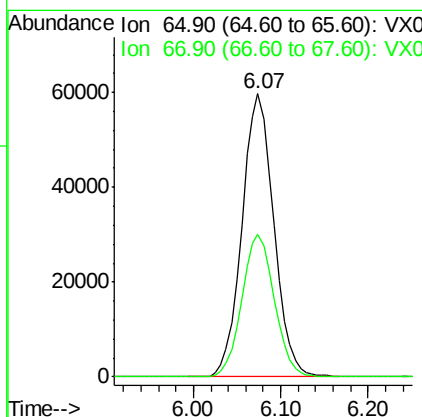
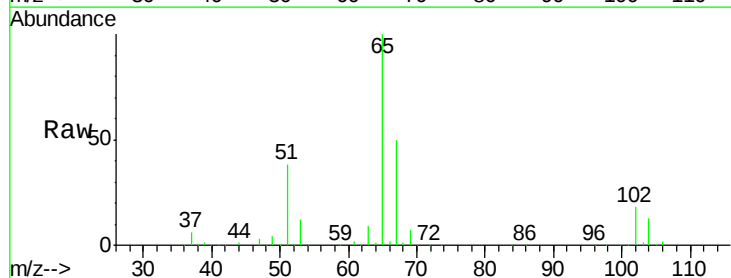
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611

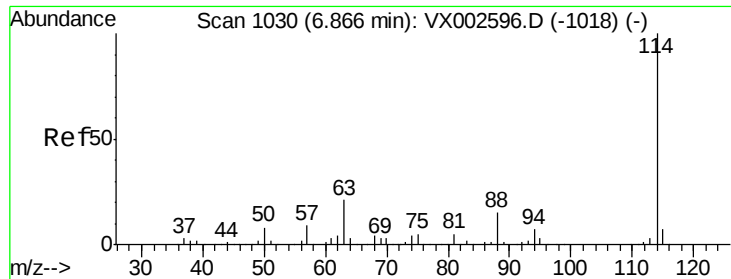
Tot Ion: 42 Resp: 523
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 4.0 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 45.13 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Tgt Ion: 65 Resp: 150709
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.6

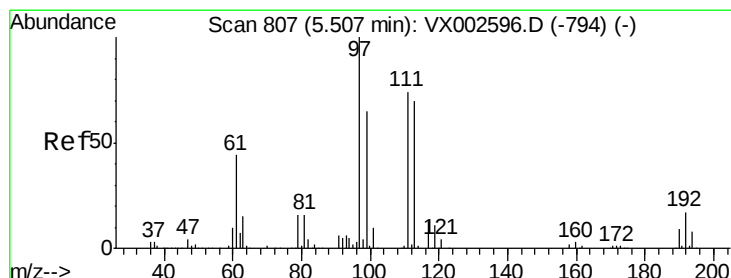
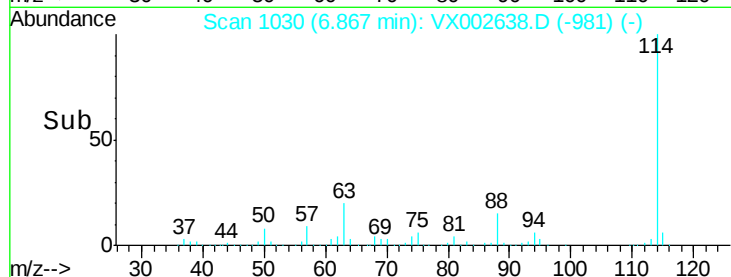
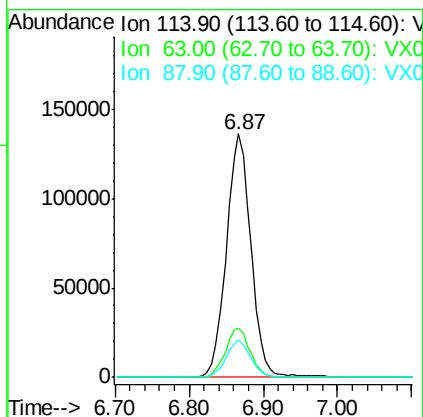
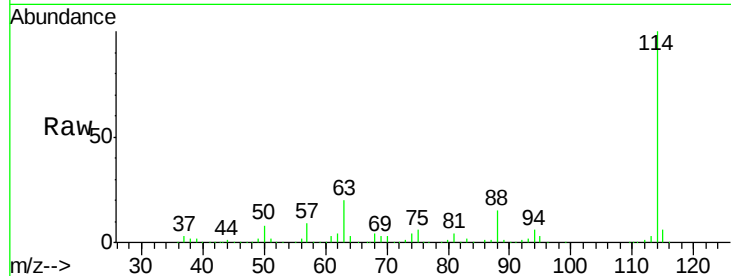




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

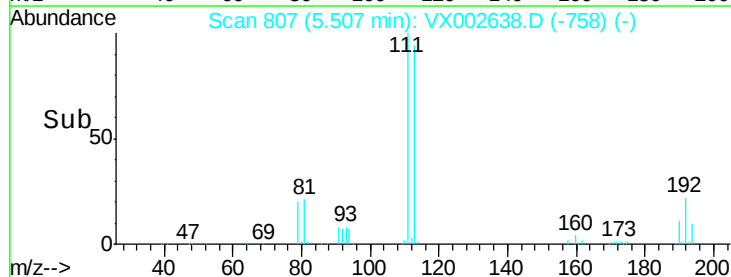
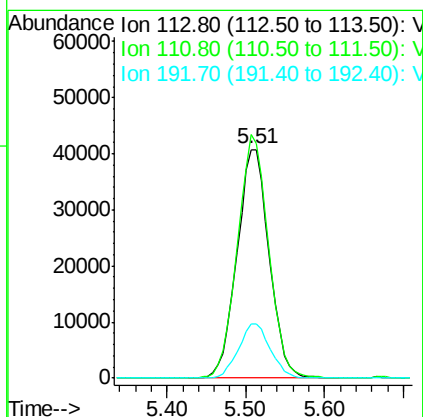
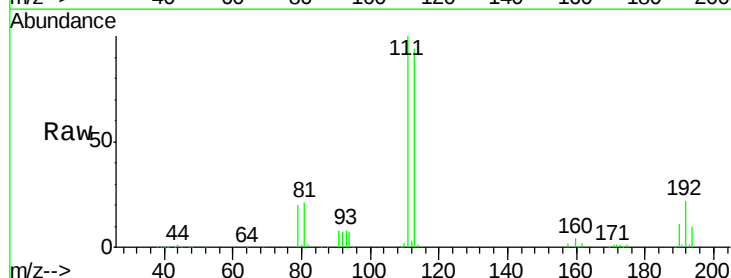
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

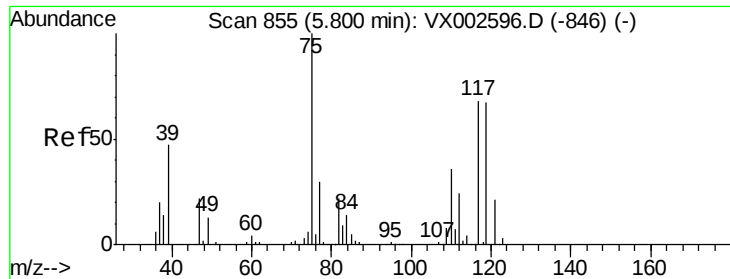
Tot Ion:114 Resp: 313813
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.4 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 46.09 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Tgt Ion:113 Resp: 115446
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 23.5 19.1 28.7

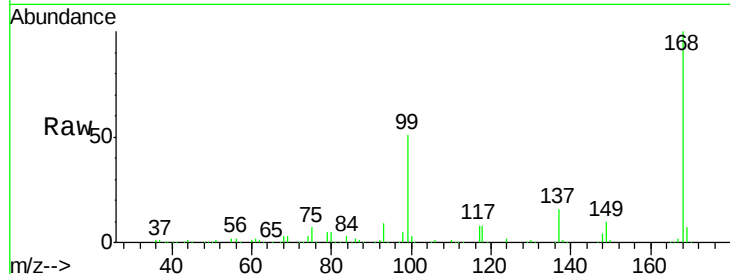




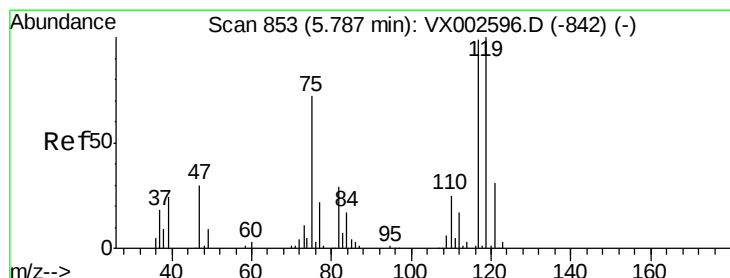
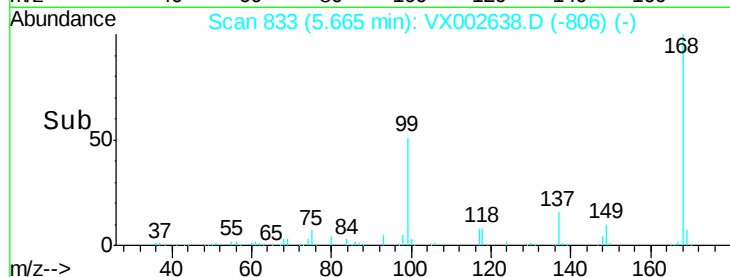
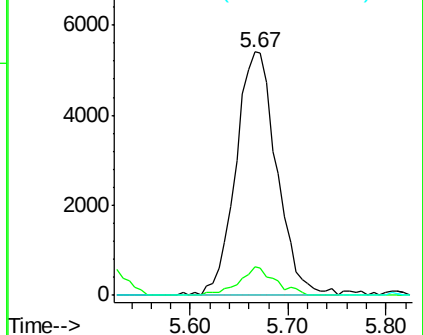
#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	24.3	36.5#

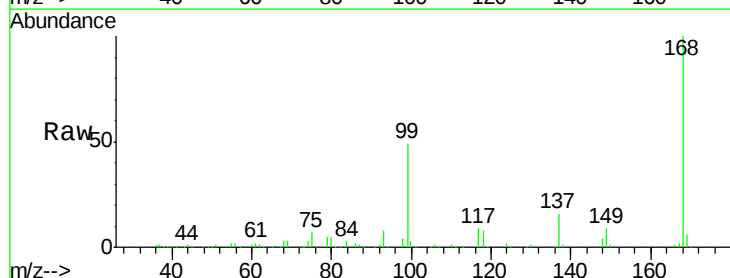


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

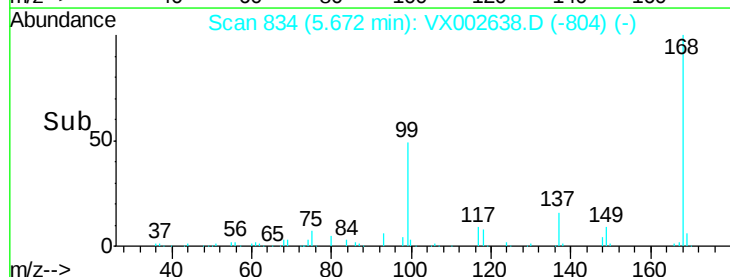
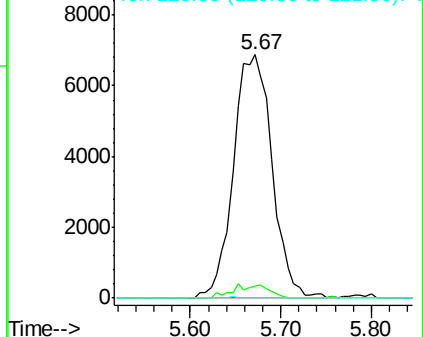


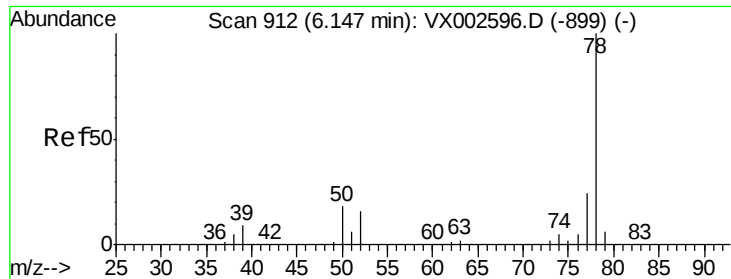
#38
 Carbon Tetrachloride
 Concen: 6.10 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.0#
121	0.0	24.4	36.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 3.46 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

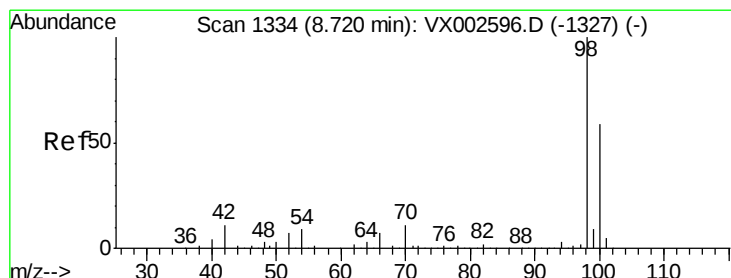
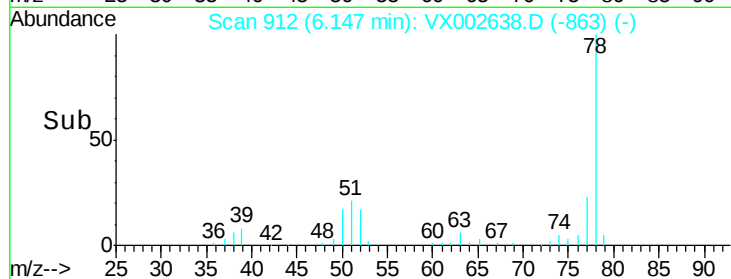
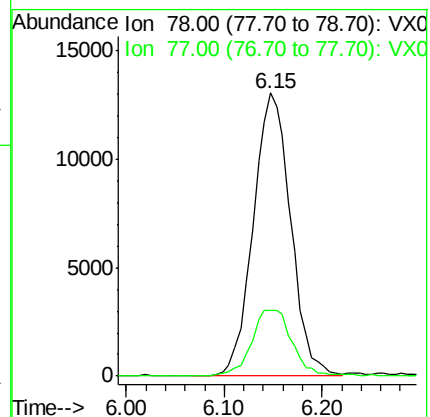
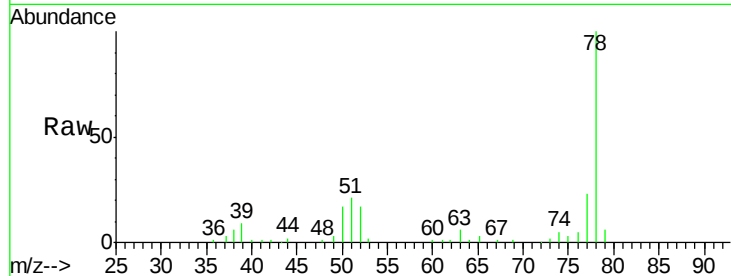
SS003RW114R-180611

Tot Ion: 78 Resp: 34590

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7



#50

Toluene-d8

Concen: 47.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002638.D

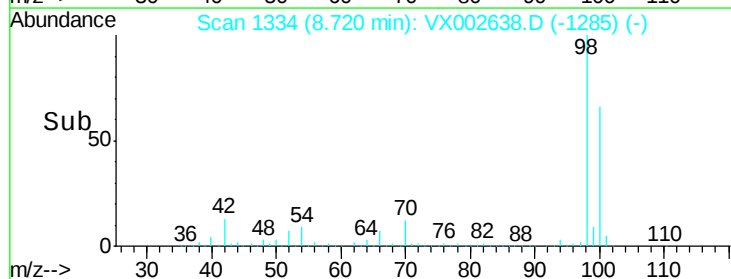
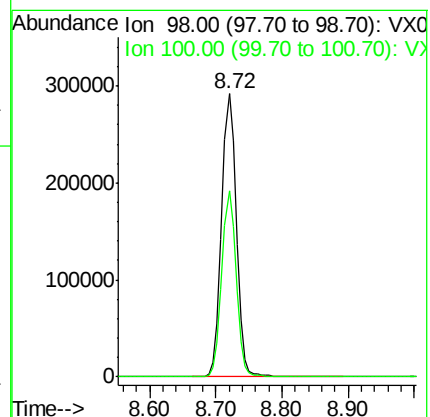
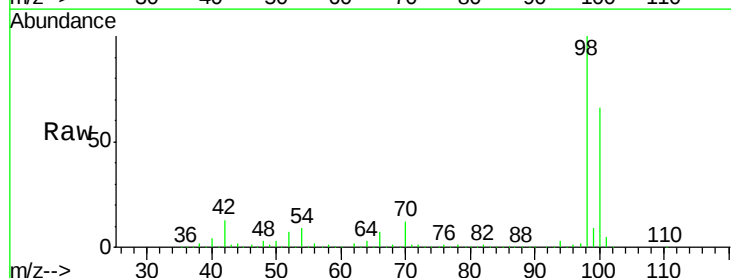
Acq: 16 Jun 2018 10:43

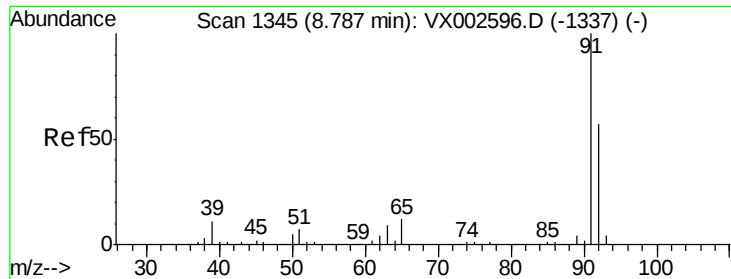
Tgt Ion: 98 Resp: 450917

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#52

Toluene

Concen: 0.23 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

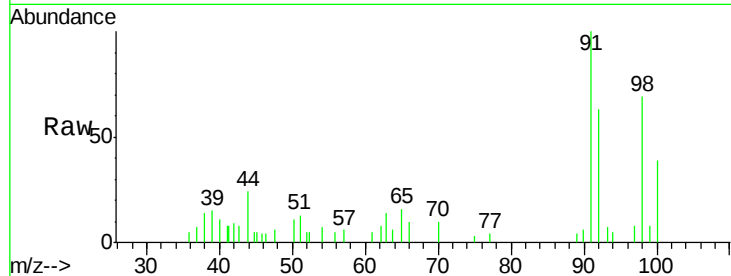
SS003RW114R-180611

Tot Ion: 92 Resp: 1483

Ion Ratio Lower Upper

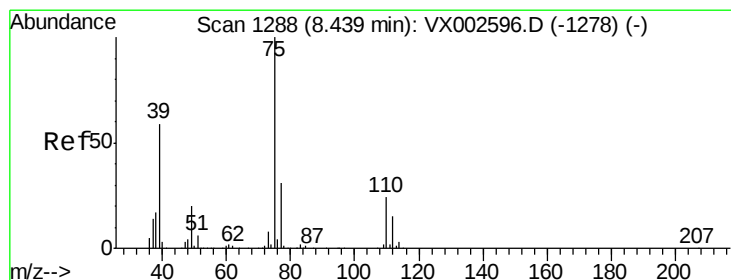
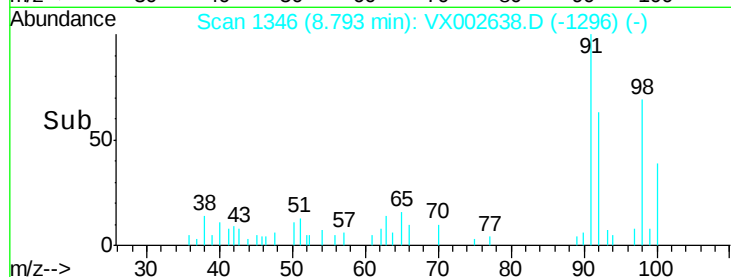
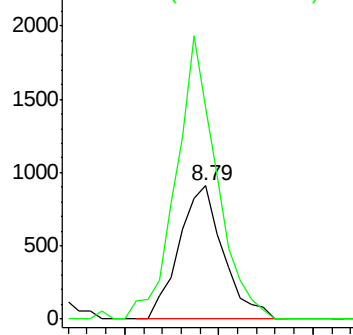
92 100

91 194.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.20 min Scan# 1248

Delta R.T. -0.24 min

Lab File: VX002638.D

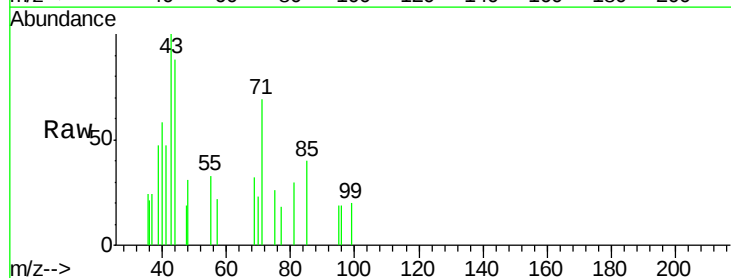
Acq: 16 Jun 2018 10:43

Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

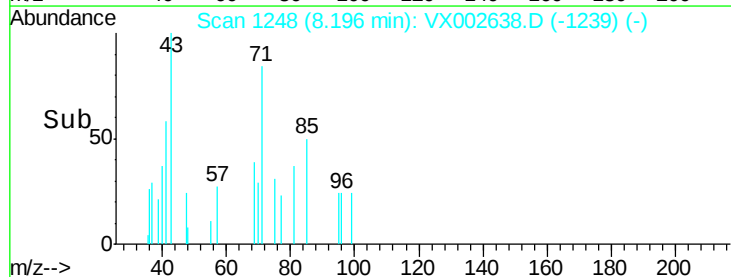
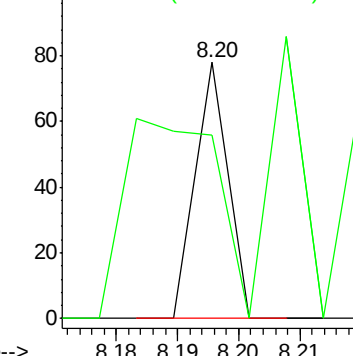
75 100

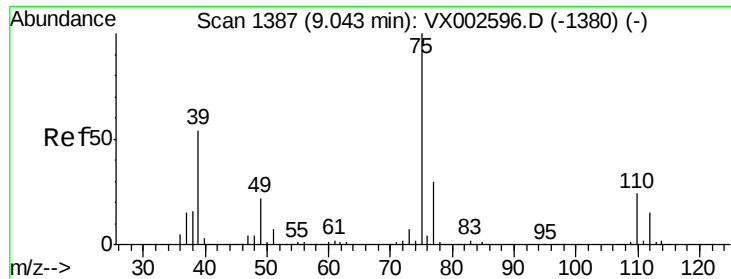
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



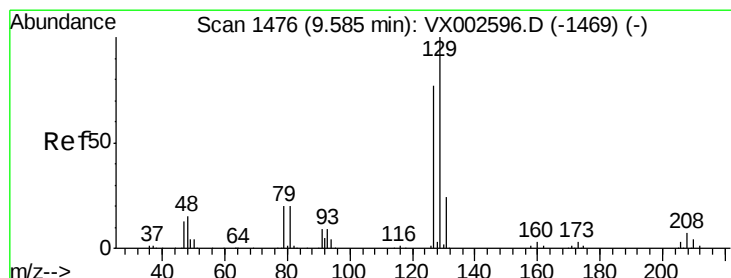
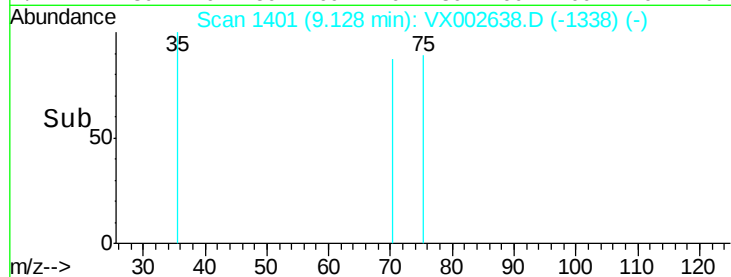
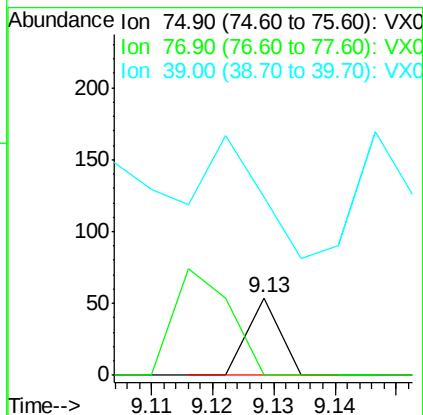
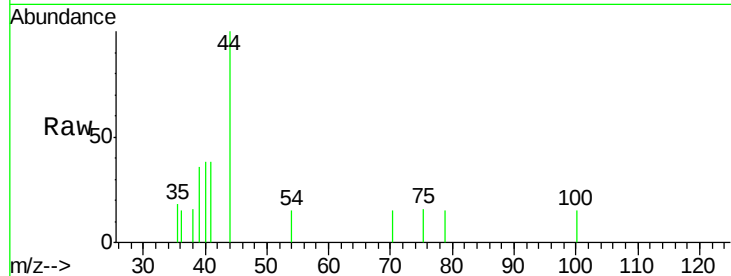


#54

cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.13 min Scan# 1401
Delta R.T. 0.09 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611

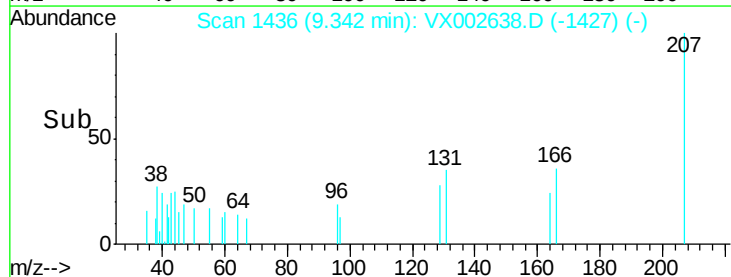
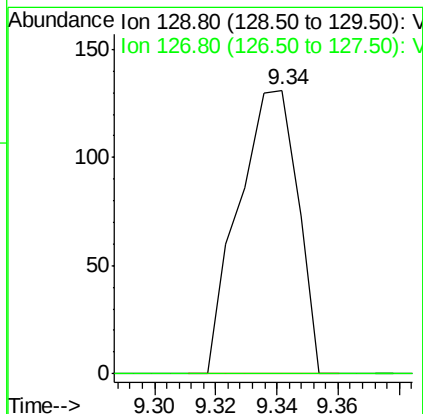
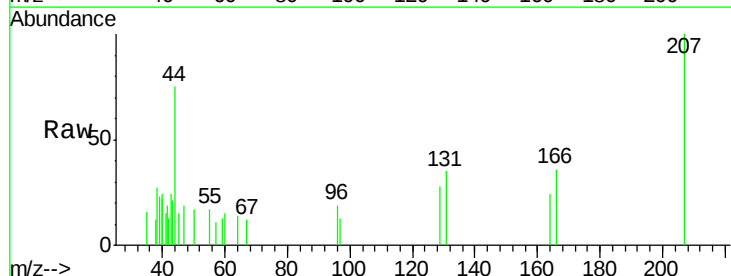
Tot Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 63.0 42.4 63.6

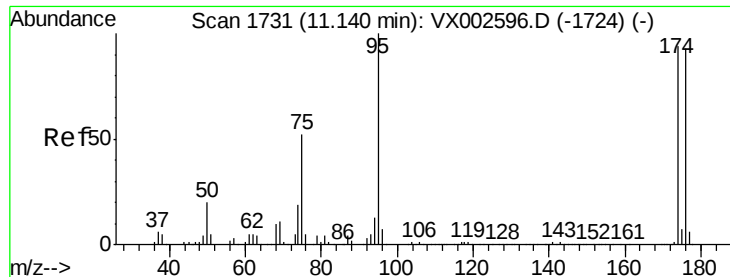


#60

Dibromochloromethane
Concen: 3.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Tgt Ion: 129 Resp: 176
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

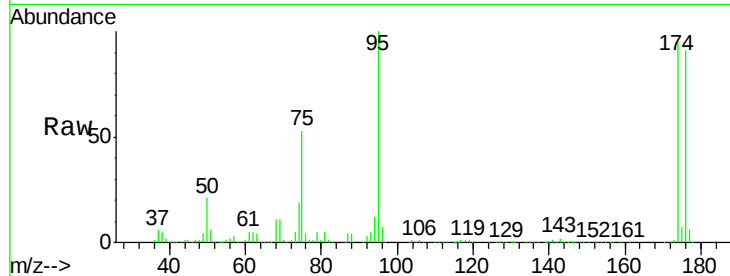




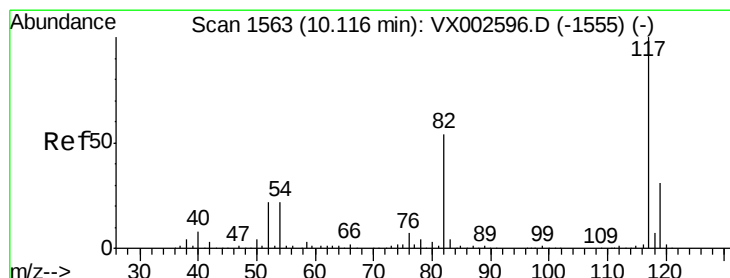
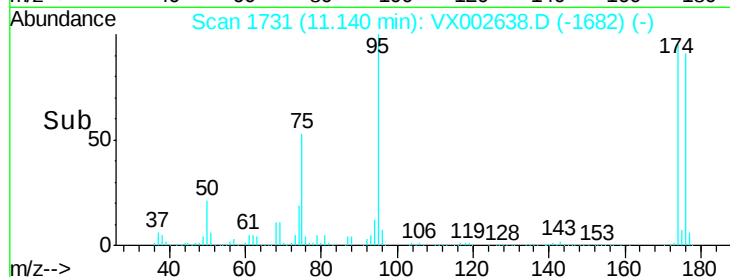
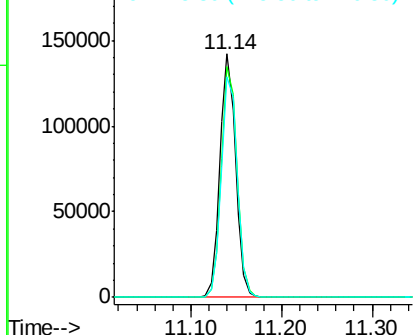
#62
4-Bromofluorobenzene
Concen: 47.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-180611

Tot Ion: 95 Resp: 171511
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 92.8 0.0 181.0

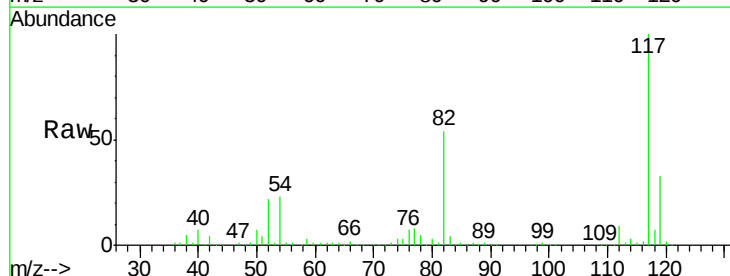


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

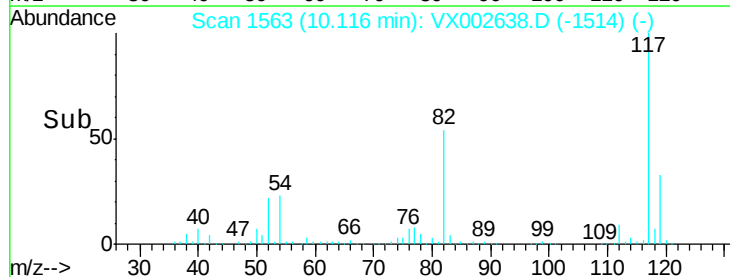
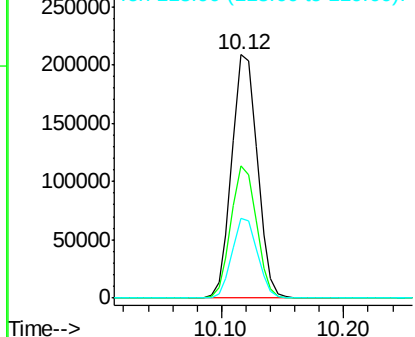


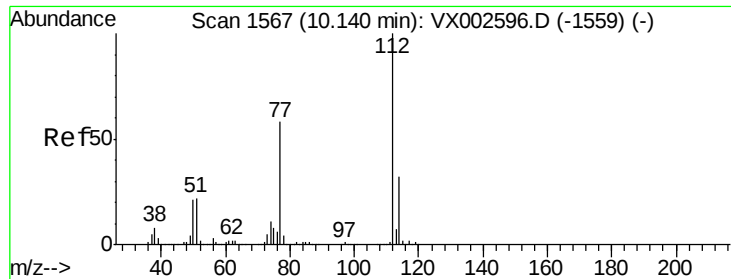
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002638.D
Acq: 16 Jun 2018 10:43

Tgt Ion: 117 Resp: 302845
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
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





#65

Chlorobenzene

Concen: 615.09 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

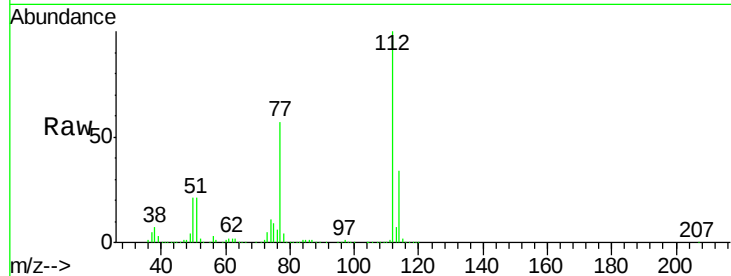
SS003RW114R-180611

Tot Ion:112 Resp: 4574663

Ion Ratio Lower Upper

112 100

114 33.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

4000000

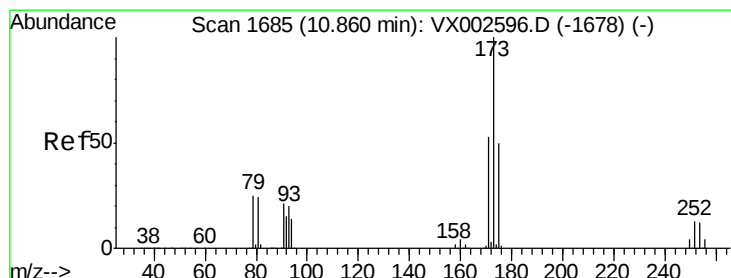
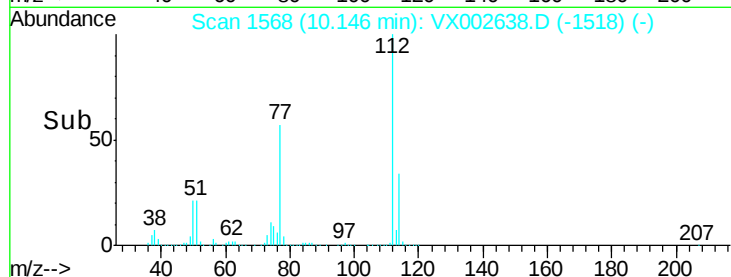
3000000

2000000

1000000

0

Time--> 10.00 10.20 10.40



#71

Bromoform

Concen: 5.08 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

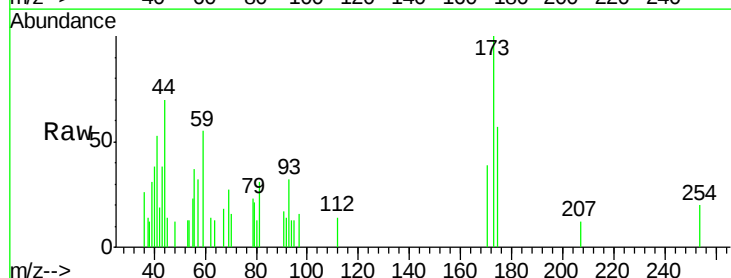
Tgt Ion:173 Resp: 615

Ion Ratio Lower Upper

173 100

175 57.9 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.87

600

500

400

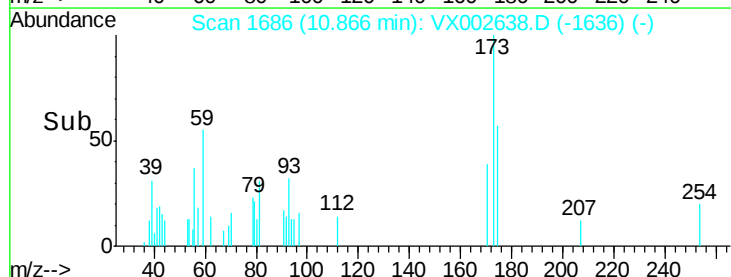
300

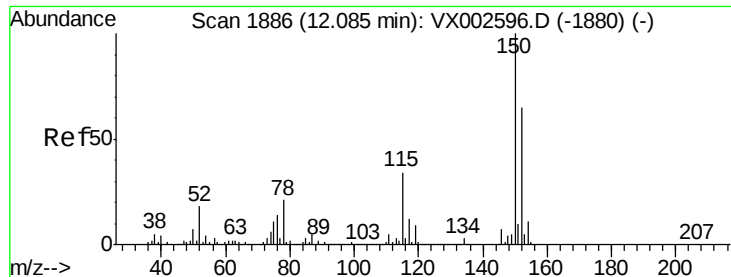
200

100

0

Time--> 10.85 10.90





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611

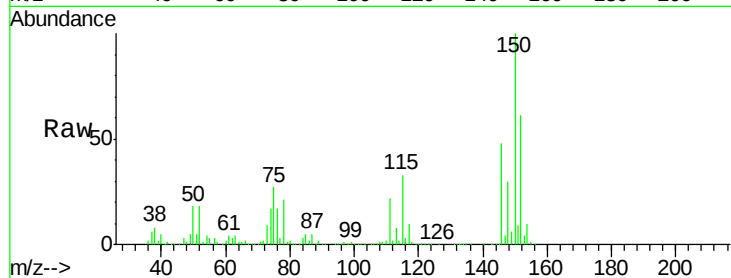
Tot Ion:152 Resp: 190518

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

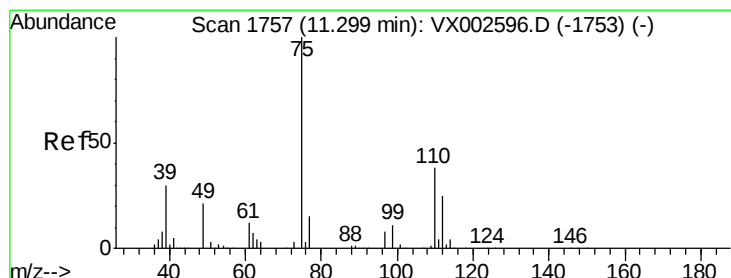
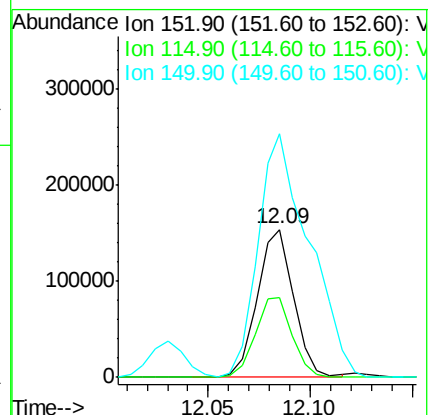
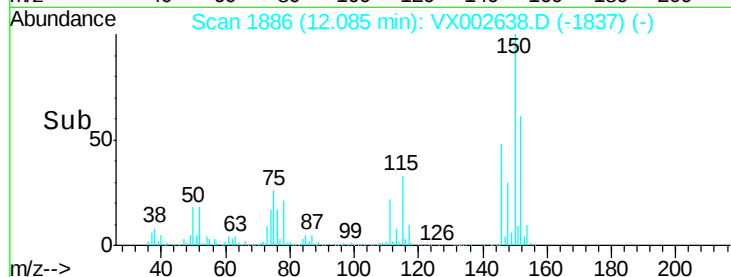
150 231.3 0.0 347.2



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: 25.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002638.D

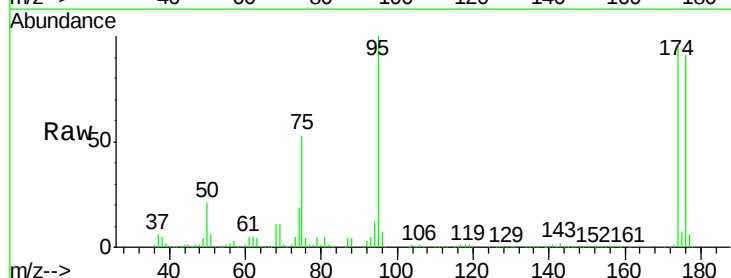
Acq: 16 Jun 2018 10:43

Tgt Ion: 75 Resp: 90970

Ion Ratio Lower Upper

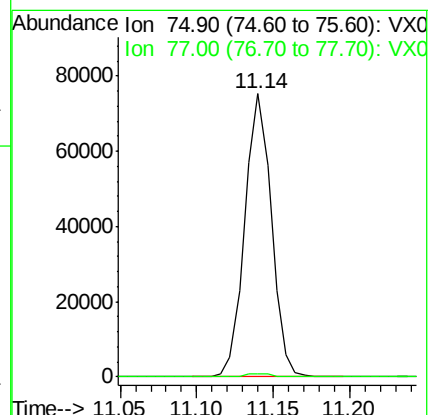
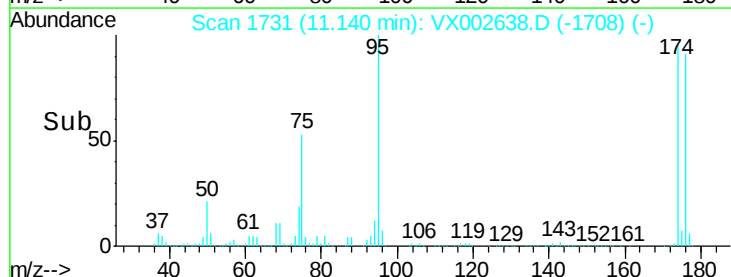
75 100

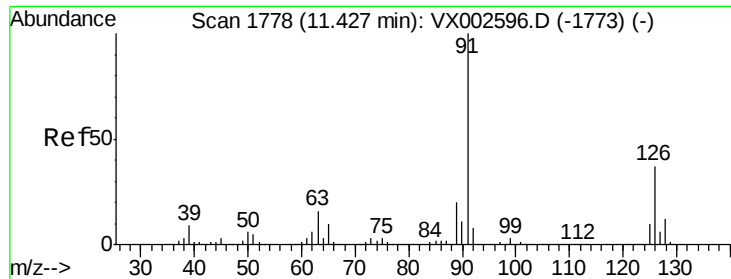
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#79

2-Chlorotoluene

Concen: 0.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

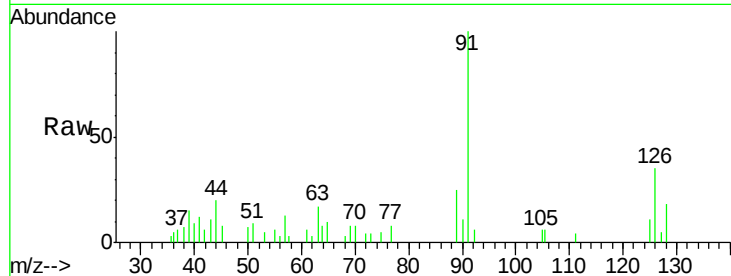
SS003RW114R-180611

Tot Ion: 91 Resp: 2493

Ion Ratio Lower Upper

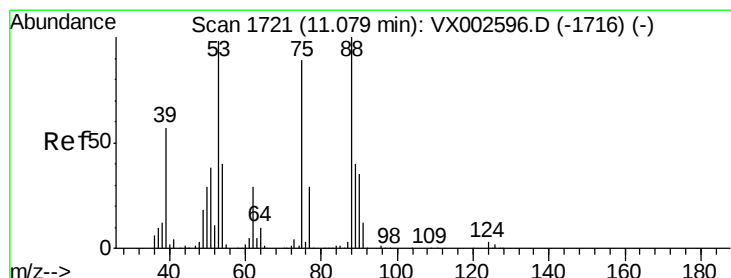
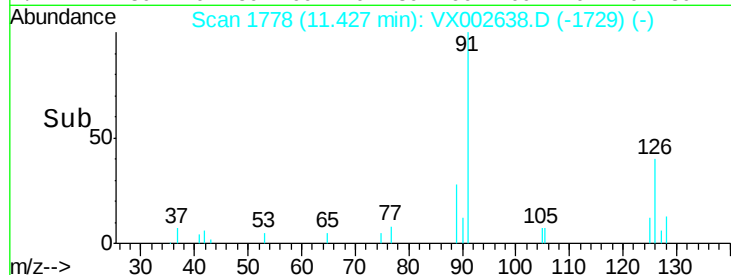
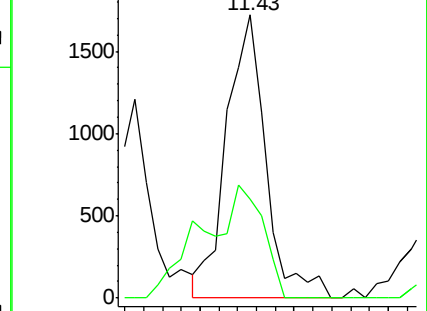
91 100

126 61.2 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 78.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

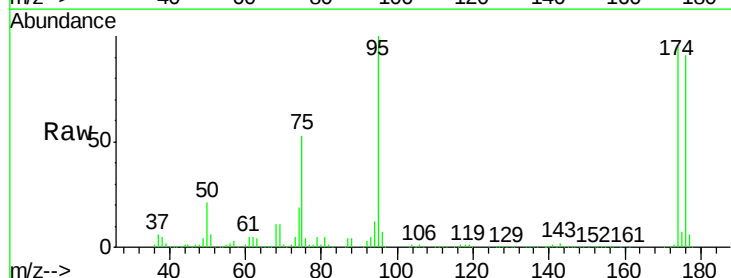
Tgt Ion: 75 Resp: 90970

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

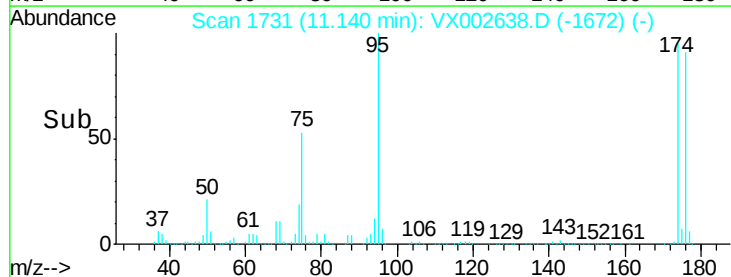
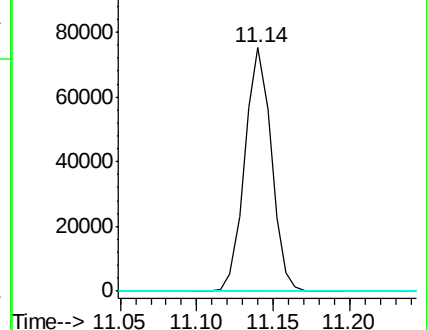
89 0.0 38.2 57.2#

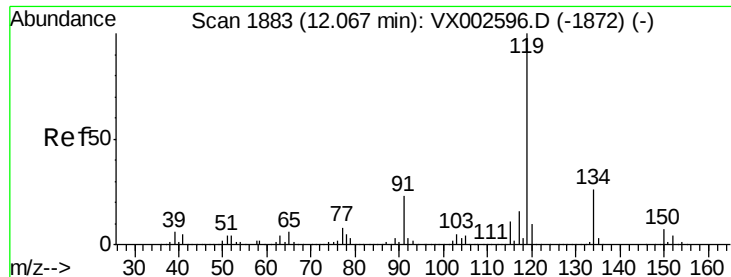


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

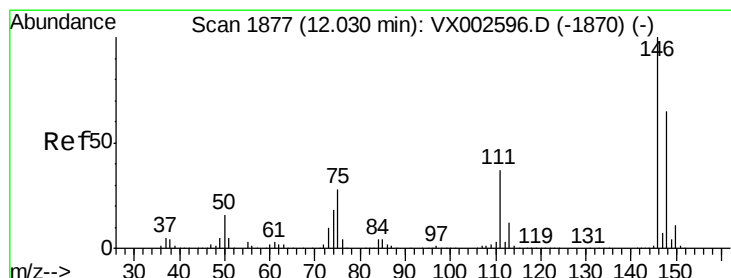
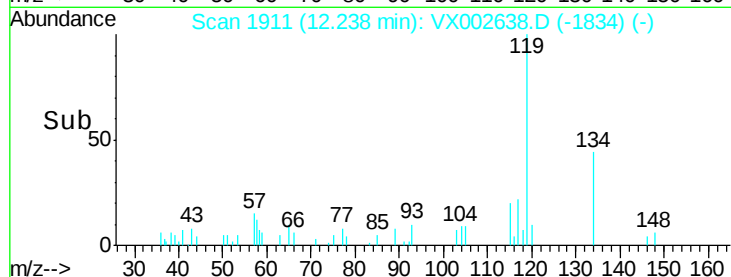
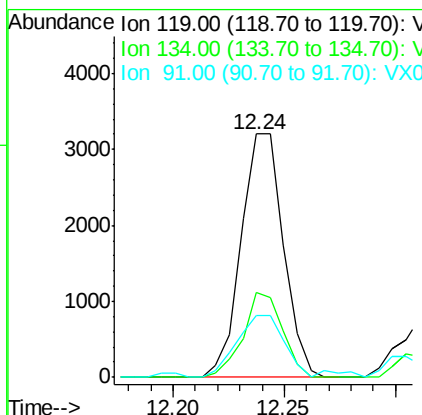
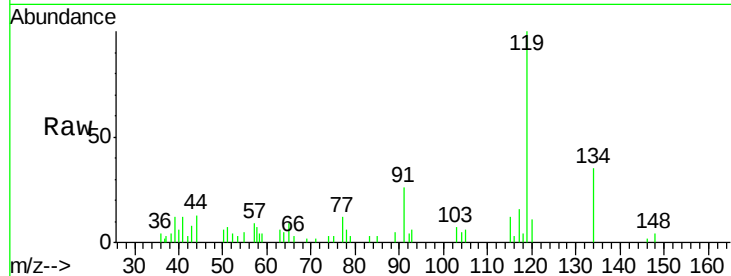




#86
 p-Isopropyltoluene
 Concen: 0.36 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

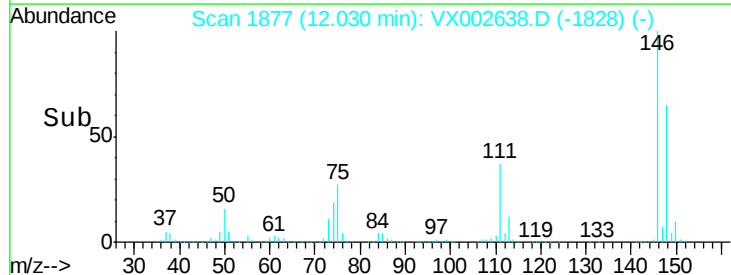
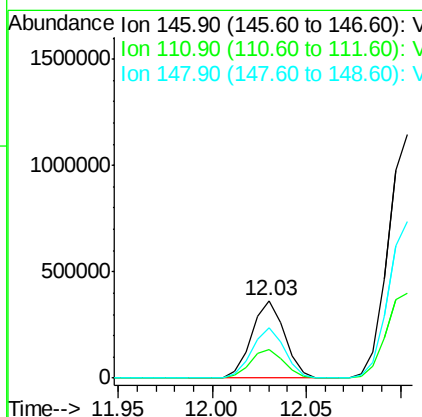
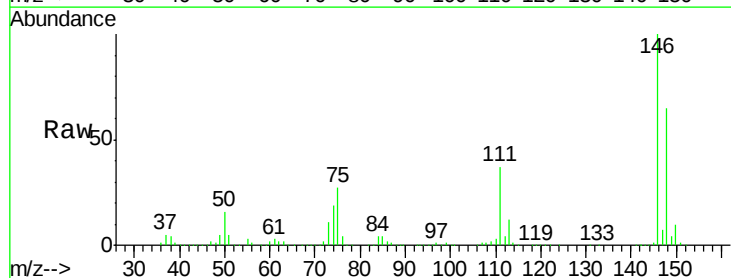
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

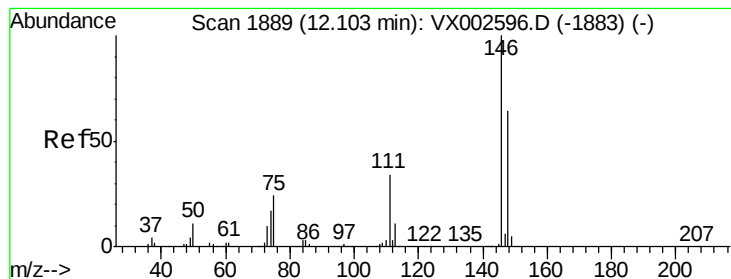
Tot Ion:119 Resp: 4252
 Ion Ratio Lower Upper
 119 100
 134 32.3 13.4 40.1
 91 30.3 11.9 35.7



#87
 1,3-Dichlorobenzene
 Concen: 68.11 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Tgt Ion:146 Resp: 443395
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 65.1 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 208.31 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611

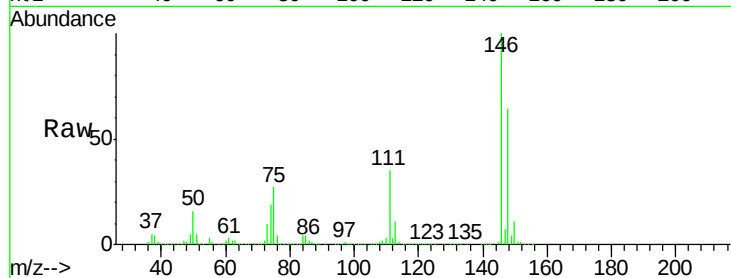
Tot Ion:146 Resp: 1379835

Ion Ratio Lower Upper

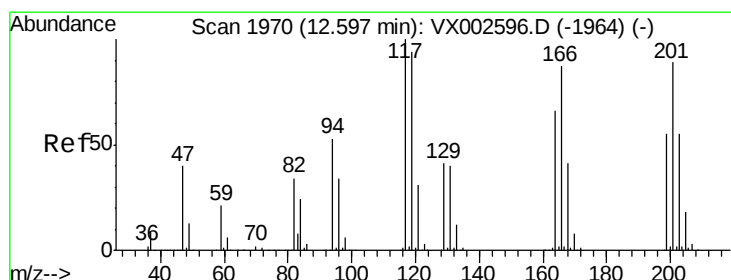
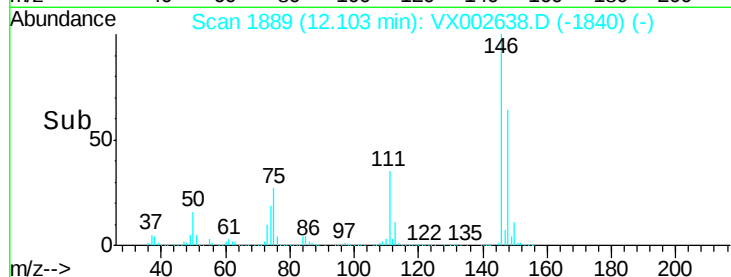
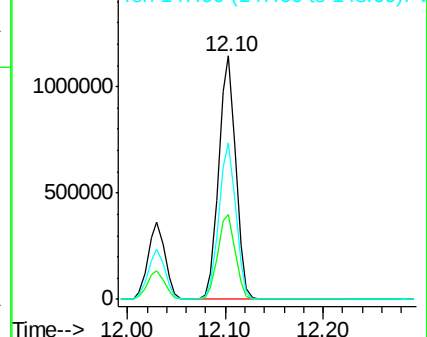
146 100

111 35.8 18.7 56.1

148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 2.95 ug/l

RT: 12.54 min Scan# 1961

Delta R.T. -0.05 min

Lab File: VX002638.D

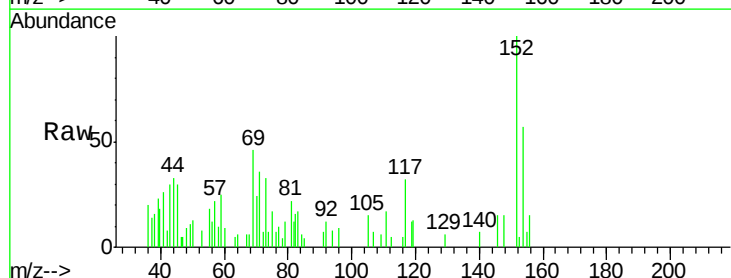
Acq: 16 Jun 2018 10:43

Tgt Ion:117 Resp: 622

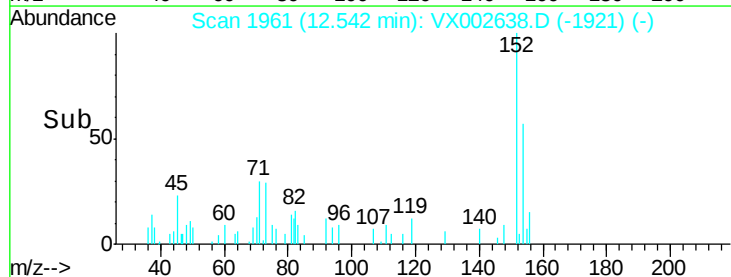
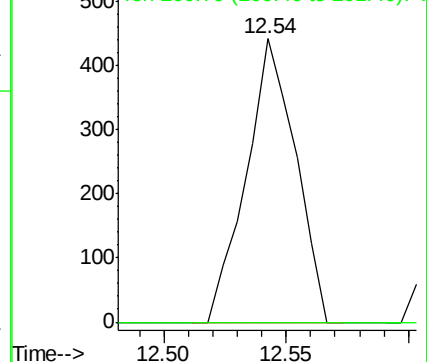
Ion Ratio Lower Upper

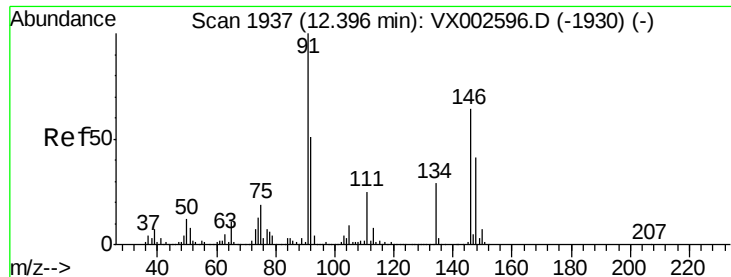
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1667.65 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-180611

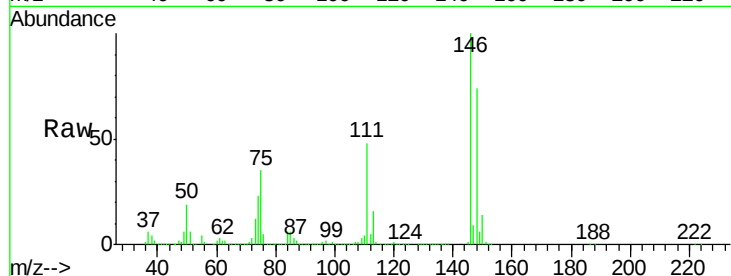
Tot Ion:146 Resp:10926695

Ion Ratio Lower Upper

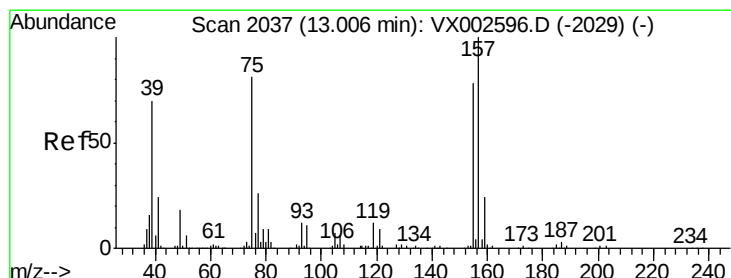
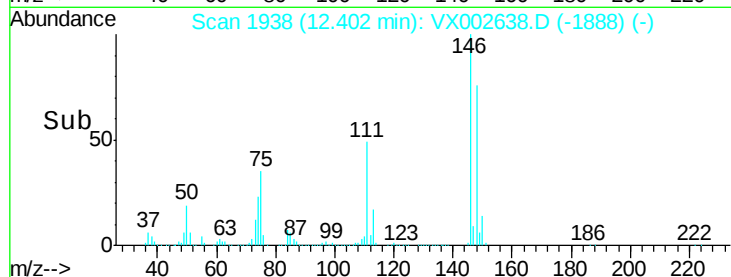
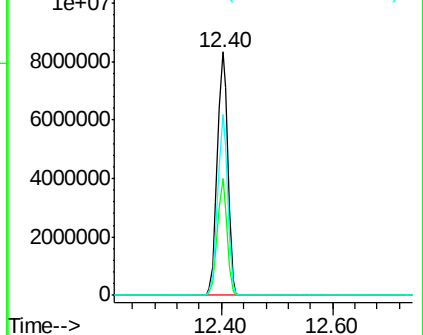
146 100

111 43.7 19.4 58.1

148 70.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.49 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002638.D

Acq: 16 Jun 2018 10:43

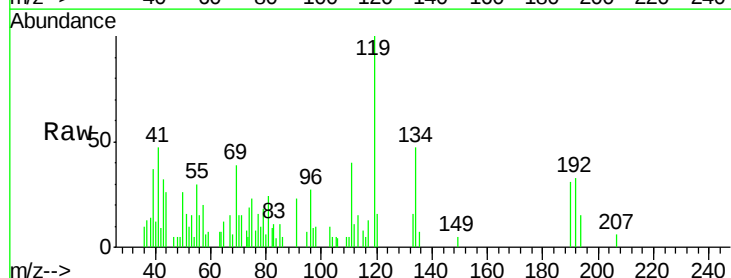
Tgt Ion: 75 Resp: 383

Ion Ratio Lower Upper

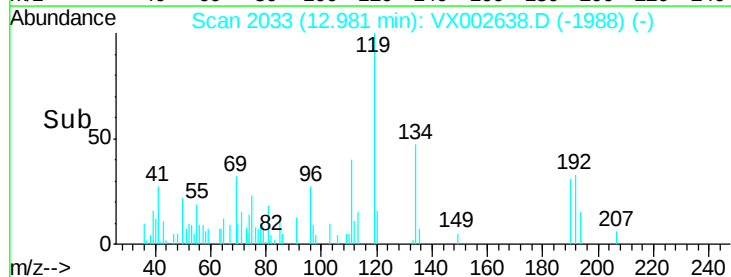
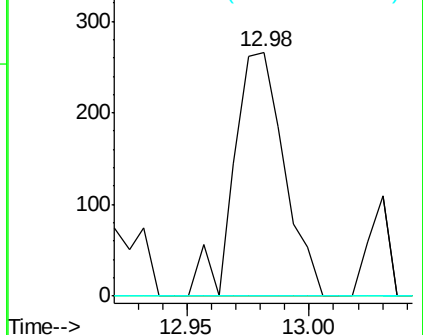
75 100

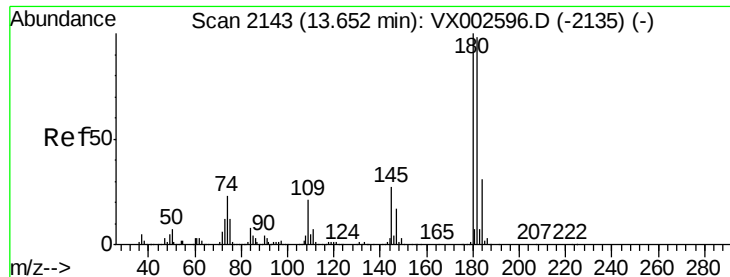
155 0.0 45.8 137.4#

157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

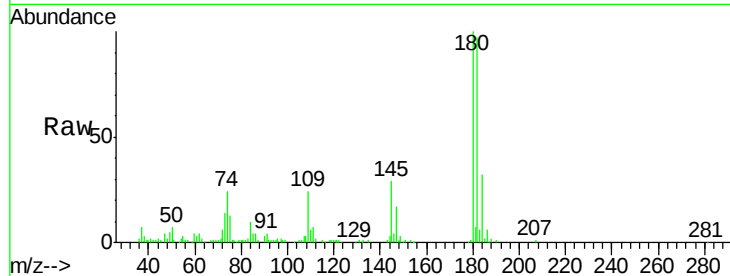




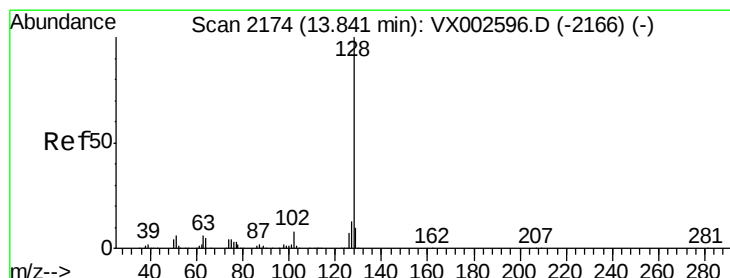
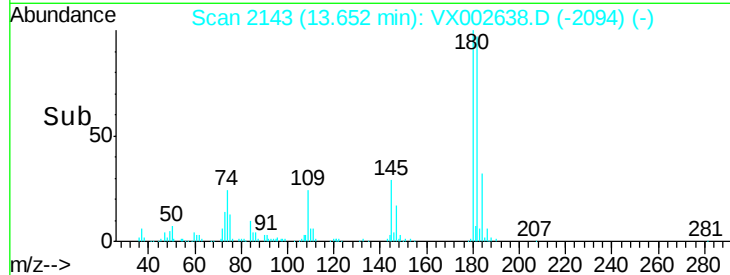
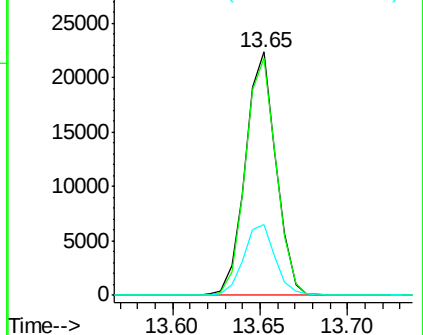
#93
 1,2,4-Trichlorobenzene
 Concen: 5.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Tot Ion:180 Resp: 27169
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.7 143.1
 145 30.1 14.1 42.4

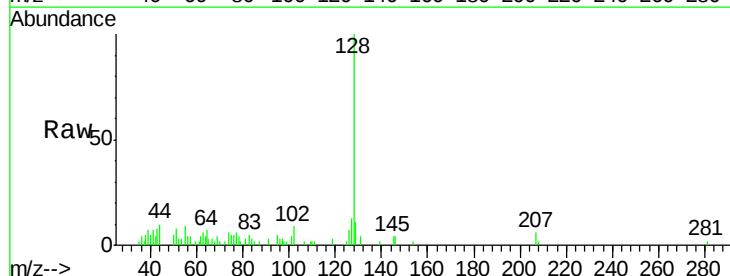


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

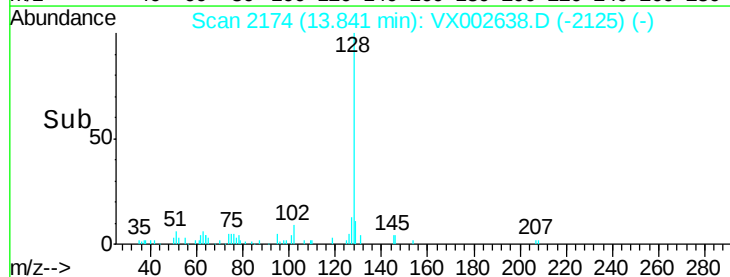
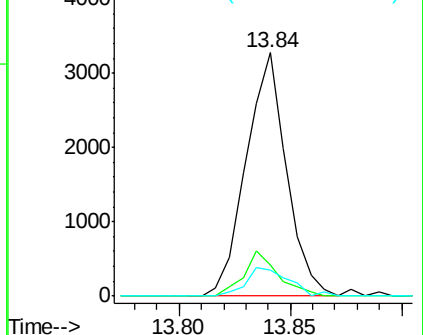


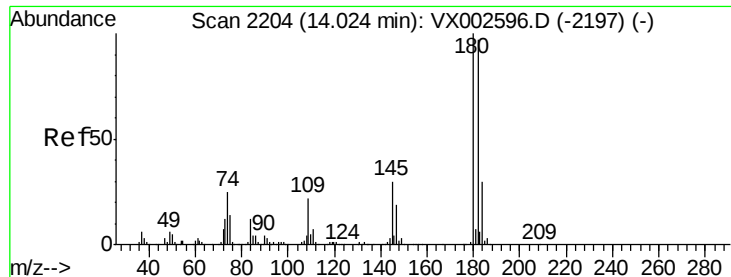
#95
 Naphthalene
 Concen: 0.32 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Tgt Ion:128 Resp: 4144
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.4 15.6#
 129 12.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.30 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002638.D
 Acq: 16 Jun 2018 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611

Tot Ion:180 Resp: 20547
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.0 144.0
 145 31.6 14.8 44.3

