

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000740.D
 Acq On : 08 Apr 2018 19:03
 Operator : JC/MD
 Sample : J2216-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Apr 09 06:43:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	312910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	156942	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
35) Dibromofluoromethane	5.51	113	136039	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.73	98	494638	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.15	95	202232	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	4798	0.75	ug/l	# 44
5) Bromomethane	1.62	94	65	Below	Cal	# 2
6) Chloroethane	1.86	64	381	0.24	ug/l	# 43
8) Diethyl Ether	2.19	74	19	Below	Cal	# 1
10) Methyl Iodide	2.53	142	217	5.43	ug/l	# 94
11) Tert butyl alcohol	3.07	59	2139	3.51	ug/l	# 86
13) Acrolein	2.29	56	104	0.39	ug/l	# 14
14) Allyl chloride	2.73	41	1111	0.25	ug/l	# 67
16) Acetone	2.45	43	2383	2.12	ug/l	98
17) Carbon Disulfide	2.57	76	15850	1.74	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	46908	5.75	ug/l	99
20) Methylene Chloride	2.86	84	563	Below	Cal	# 87
25) 2-Butanone	4.72	43	757	0.39	ug/l	96
31) Cyclohexane	5.59	56	3840	Below	Cal	90
36) 1,1-Dichloropropene	5.68	75	18467	4.99	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	26154	6.03	ug/l	# 16
39) Methylcyclohexane	7.47	83	4710	Below	Cal	96
40) Benzene	6.16	78	9481099	910.40	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84054	20.46	ug/l	76
43) Isopropyl Acetate	6.47	43	2373	0.34	ug/l	# 62
49) 1,4-Dioxane	7.77	88	2132	30.68	ug/l	94
52) Toluene	8.79	92	65474	9.43	ug/l	100
55) 1,1,2-Trichloroethane	9.17	97	626	0.22	ug/l	# 35
65) Chlorobenzene	10.15	112	2195	0.26	ug/l	98
67) Ethyl Benzene	10.26	91	1862497	133.96	ug/l	100
68) m/p-Xylenes	10.37	106	93396	17.17	ug/l	99
69) o-Xylene	10.71	106	111932	20.97	ug/l	100
70) Styrene	10.71	104	9490	1.05	ug/l	# 1
73) Isopropylbenzene	11.02	105	352198	24.38	ug/l	99
74) N-amyl acetate	6.47	43	2373	0.34	ug/l	# 58
76) 1,2,3-Trichloropropane	11.15	75	98071	23.85	ug/l	# 33
78) n-propylbenzene	11.37	91	92737	5.59	ug/l	99
79) 2-Chlorotoluene	11.68	91	15560	1.57	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	12378	0.99	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000740.D
 Acq On : 08 Apr 2018 19:03
 Operator : JC/MD
 Sample : J2216-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Apr 09 06:43:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

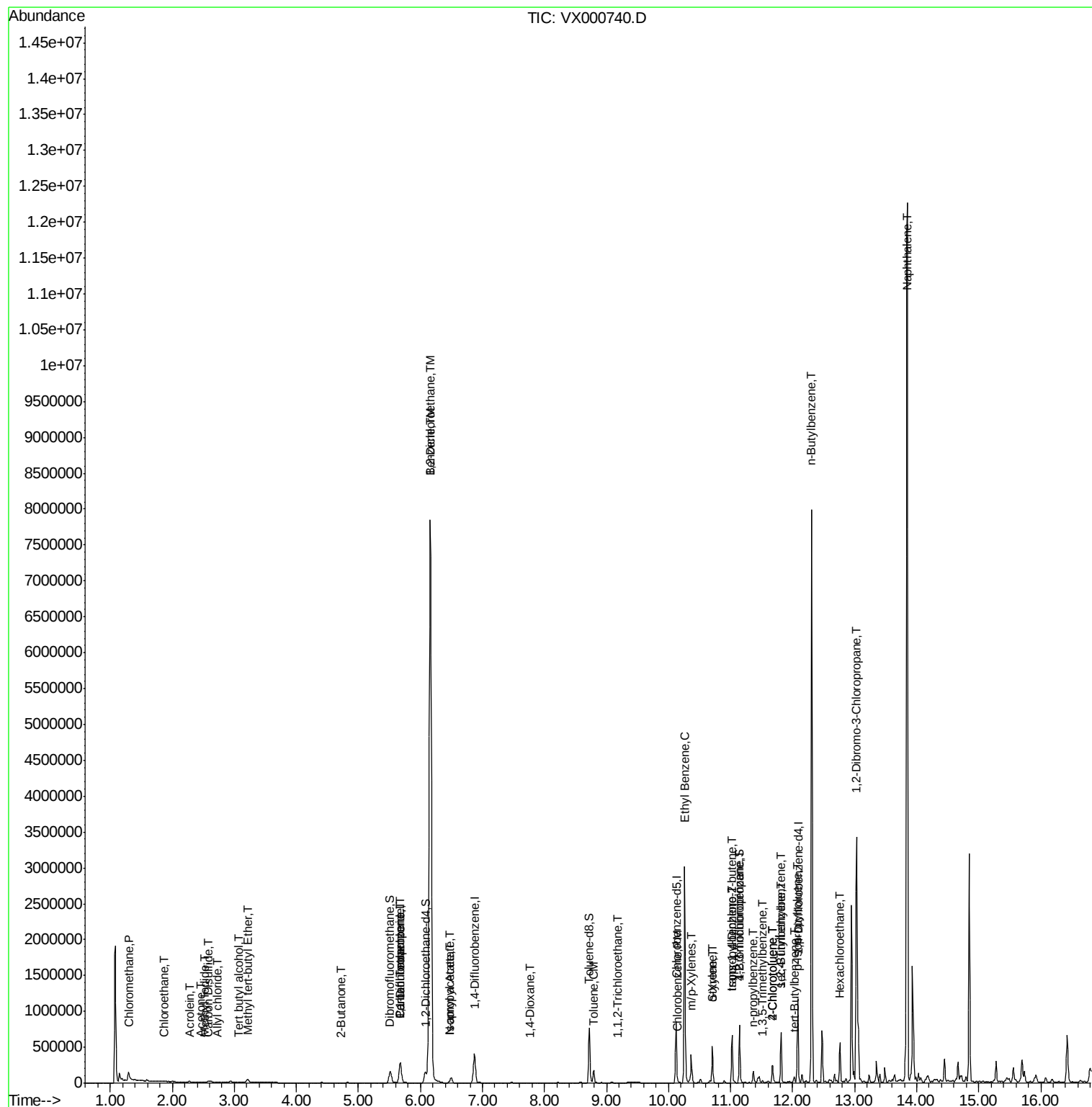
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.02	75	4209	2.67	ug/l #	73
82) 4-Chlorotoluene	11.68	91	16036	1.35	ug/l	82
83) tert-Butylbenzene	12.03	119	13622	1.06	ug/l	76
84) 1,2,4-Trimethylbenzene	11.81	105	317712	24.52	ug/l	99
85) sec-Butylbenzene	11.81	105	317712	21.17	ug/l #	55
86) p-Isopropyltoluene	12.07	119	14678	1.05	ug/l #	76
89) n-Butylbenzene	12.30	91	507889	40.51	ug/l #	42
90) Hexachloroethane	12.76	117	235460	92.39	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.03	75	62795	55.64	ug/l #	1
95) Naphthalene	13.85	128	8033348	481.16	ug/l	98

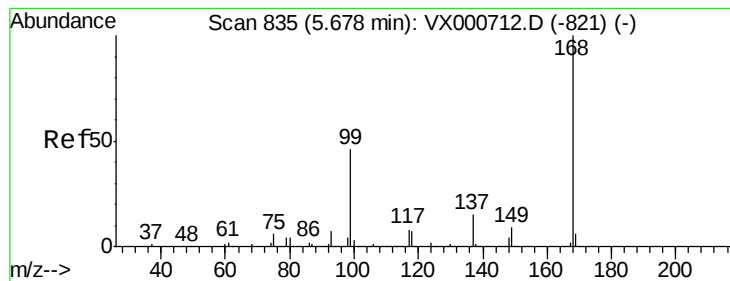
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
Data File : VX000740.D
Acq On : 08 Apr 2018 19:03
Operator : JC/MD
Sample : J2216-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Time: Apr 09 06:43:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

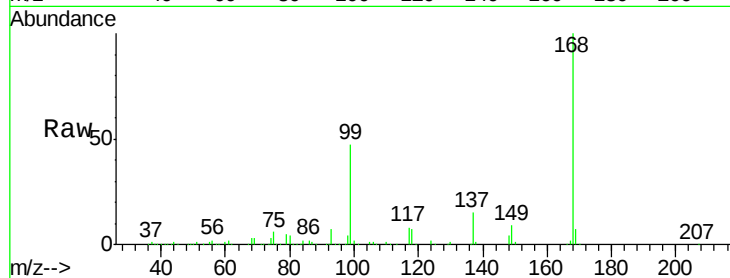
QNWP8-MW27S-GW

Tgt Ion:168 Resp: 312910

Ion Ratio Lower Upper

168 100

99 46.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

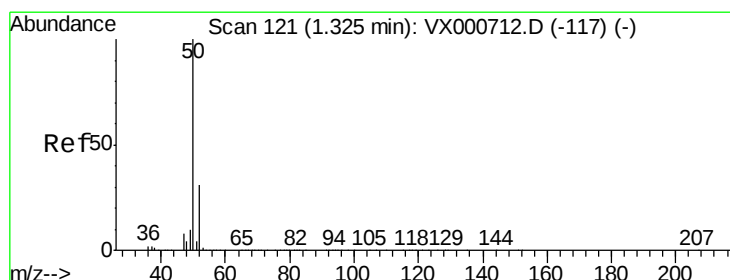
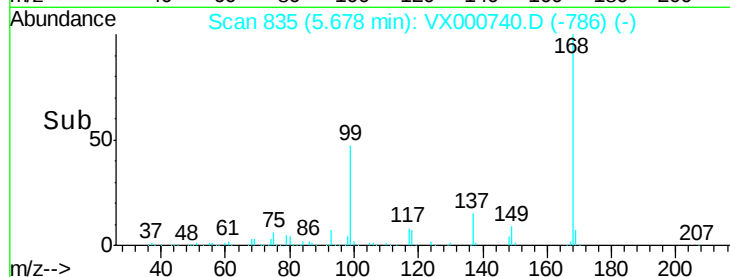
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.75 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX000740.D

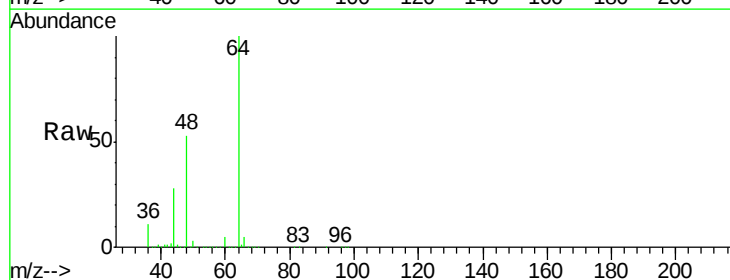
Acq: 08 Apr 2018 19:03

Tgt Ion: 50 Resp: 4798

Ion Ratio Lower Upper

50 100

52 0.0 24.9 37.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.30

2000

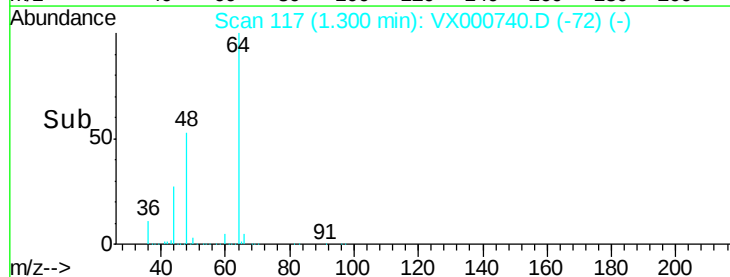
1500

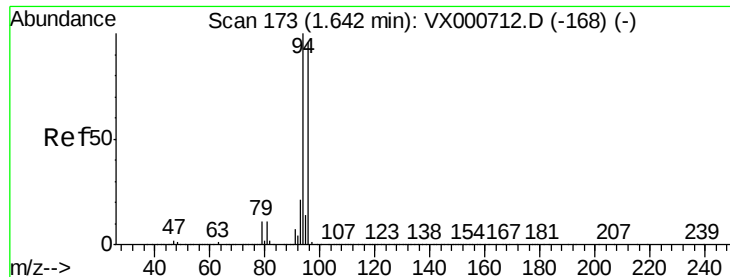
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.02 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

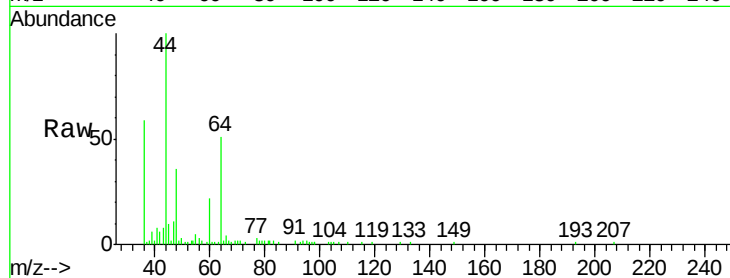
QNWP8-MW27S-GW

Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

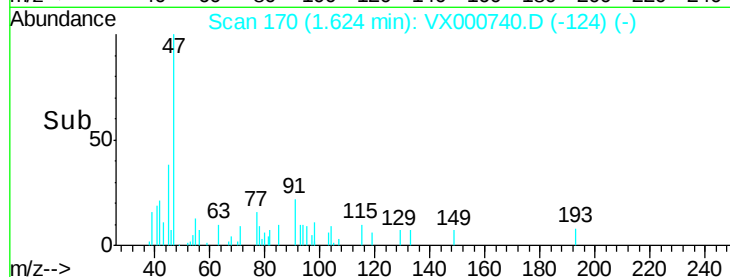
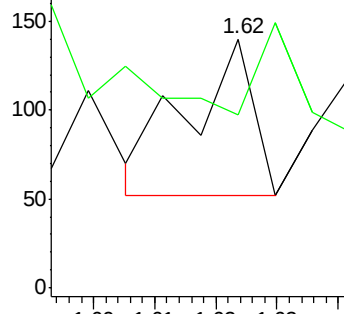
94 100

96 0.0 76.5 114.7#

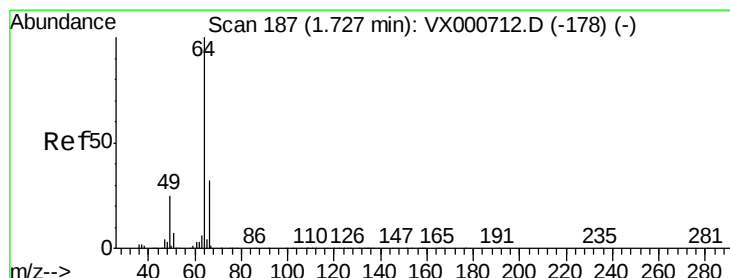


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.86 min Scan# 208

Delta R.T. 0.13 min

Lab File: VX000740.D

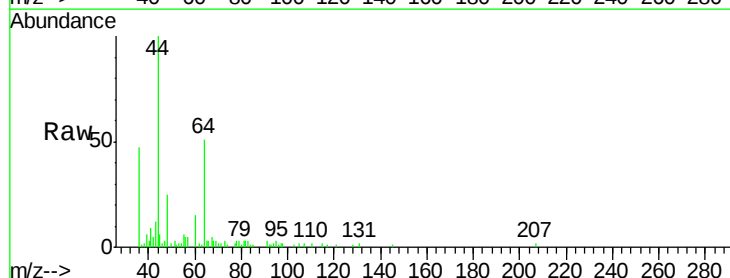
Acq: 08 Apr 2018 19:03

Tgt Ion: 64 Resp: 381

Ion Ratio Lower Upper

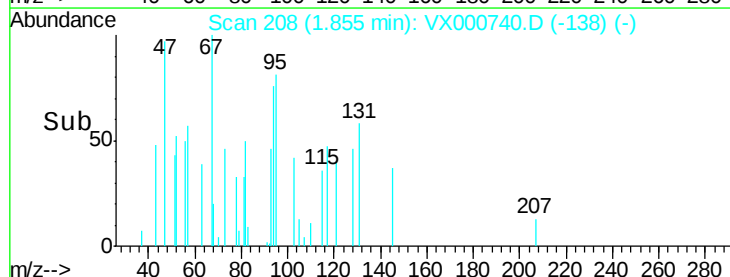
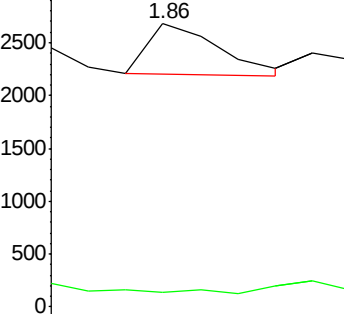
64 100

66 0.0 25.4 38.2#

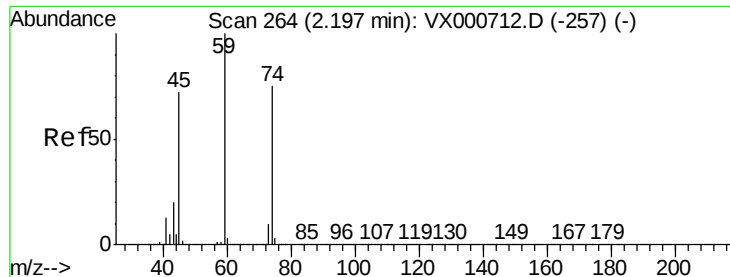


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

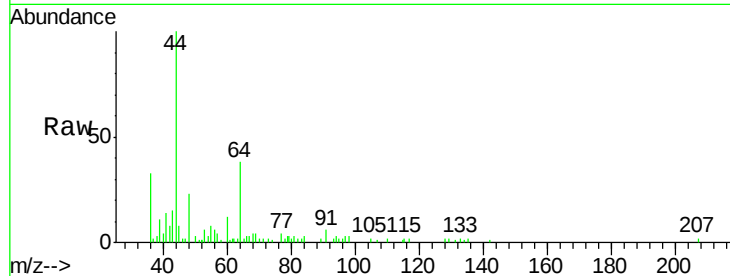
QNWP8-MW27S-GW

Tgt Ion: 74 Resp: 19

Ion Ratio Lower Upper

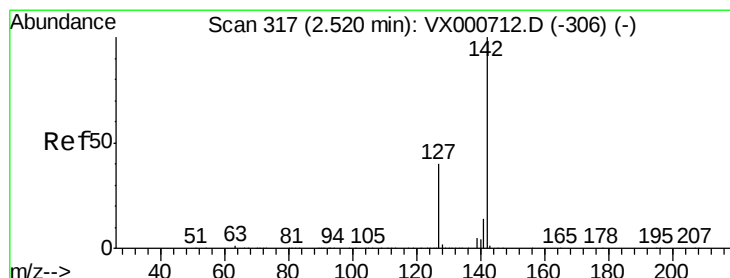
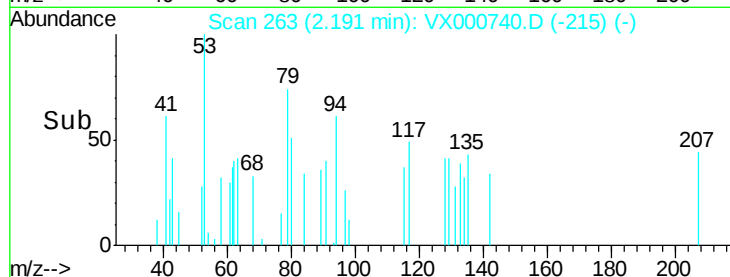
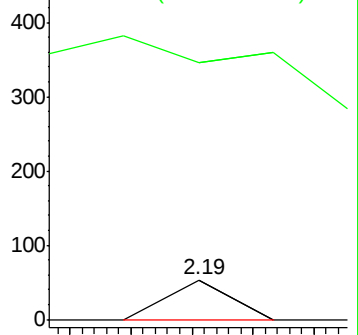
74 100

45 0.0 48.4 145.3#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 5.43 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

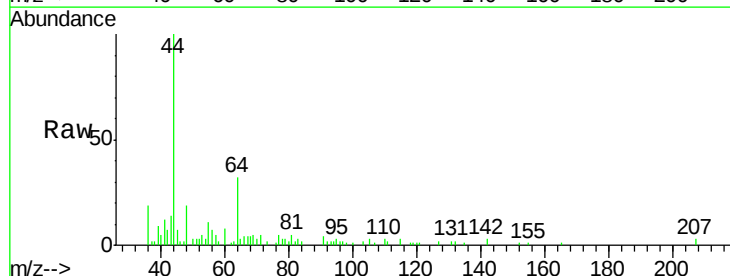
Tgt Ion: 142 Resp: 217

Ion Ratio Lower Upper

142 100

127 39.6 33.9 50.9

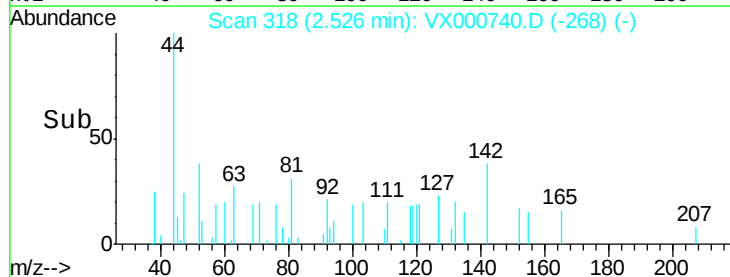
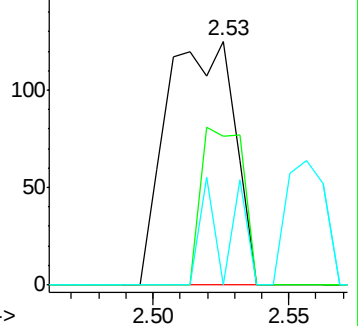
141 18.4 11.4 17.0#

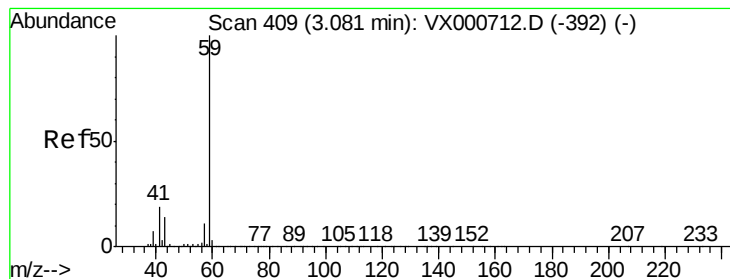


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



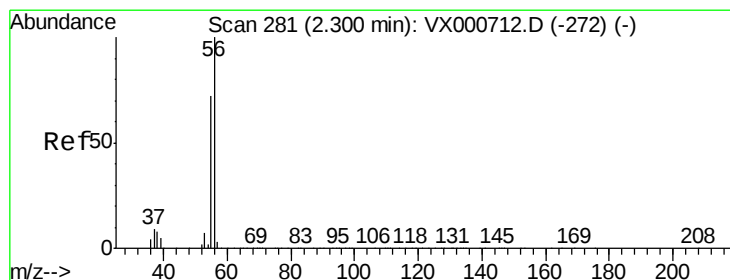
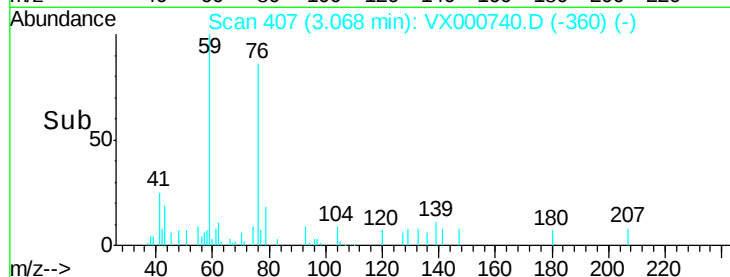
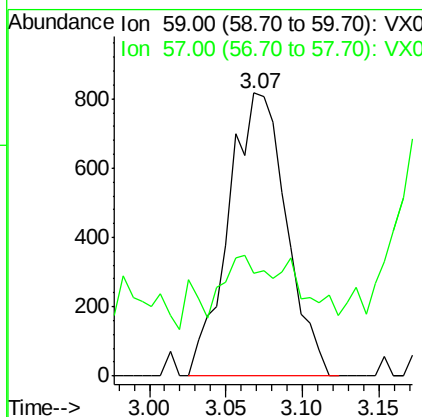
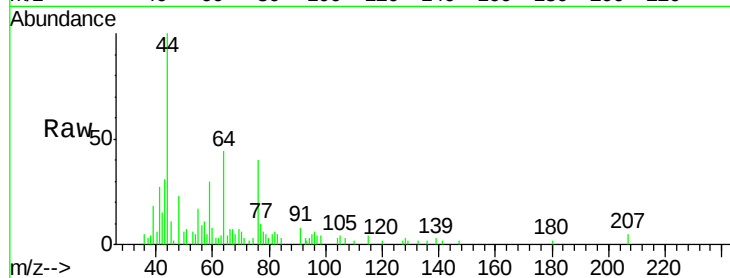


#11

Tert butyl alcohol
Concen: 3.51 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

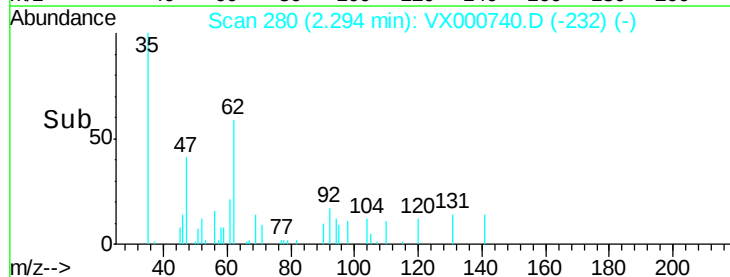
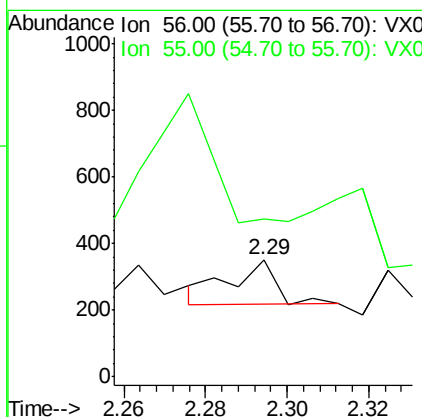
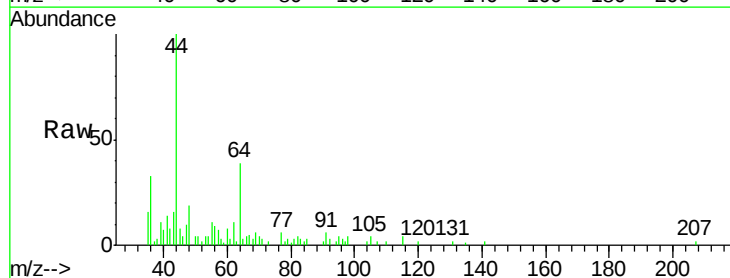
Tgt Ion: 59 Resp: 2139
Ion Ratio Lower Upper
59 100
57 15.8 8.4 12.6#

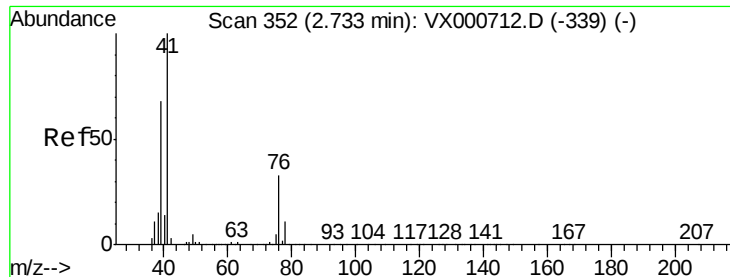


#13

Acrolein
Concen: 0.39 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.2#

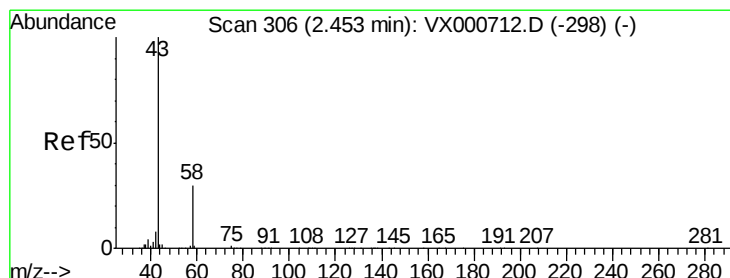
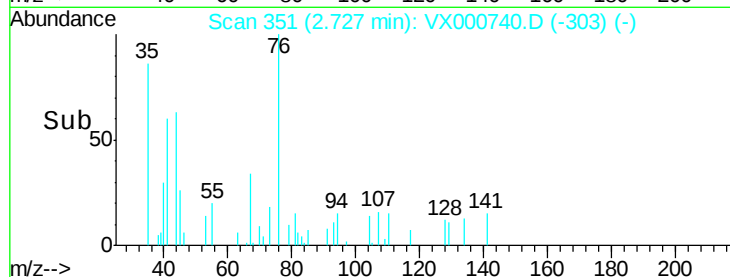
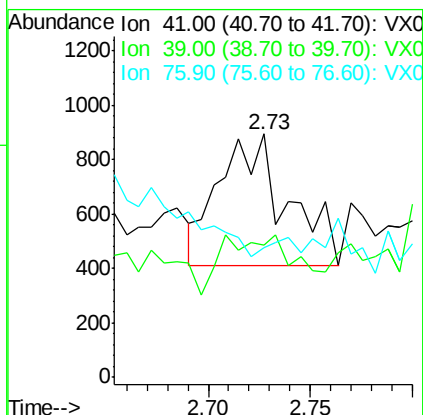
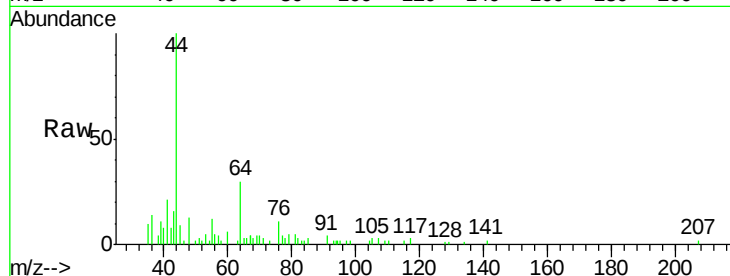




#14
 Allyl chloride
 Concen: 0.25 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

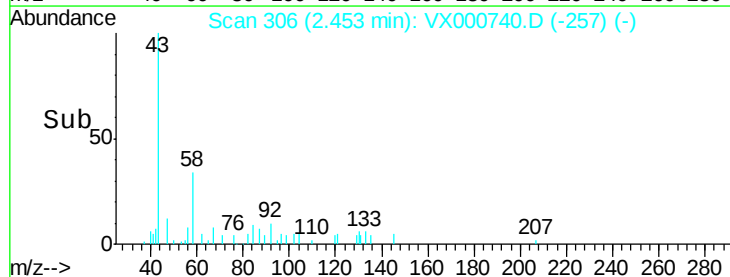
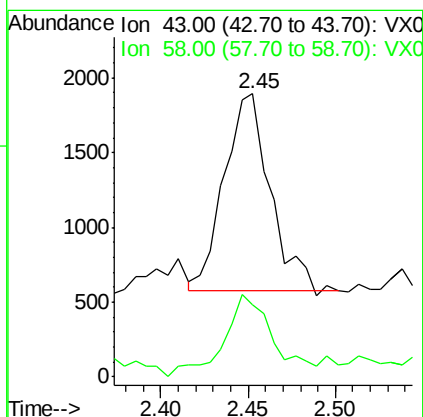
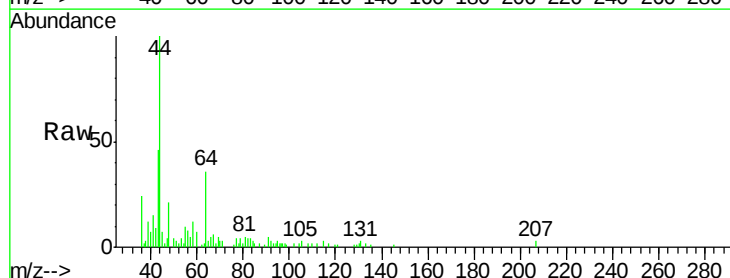
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

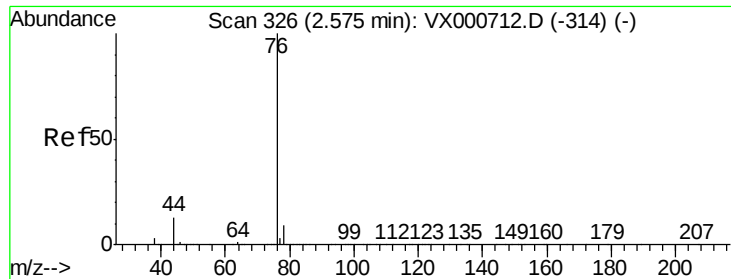
Tgt Ion: 41 Resp: 1111
 Ion Ratio Lower Upper
 41 100
 39 49.3 52.4 78.6#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 2.12 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Tgt Ion: 43 Resp: 2383
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.0 36.0





#17

Carbon Disulfide

Concen: 1.74 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

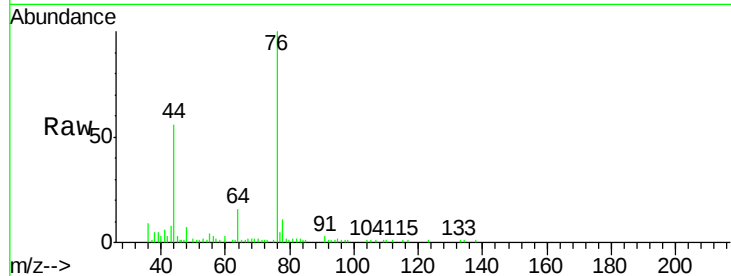
QNWP8-MW27S-GW

Tgt Ion: 76 Resp: 15850

Ion Ratio Lower Upper

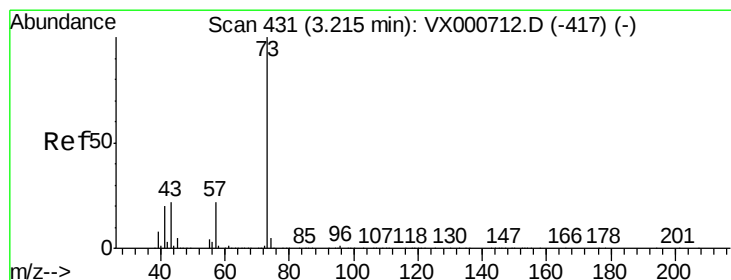
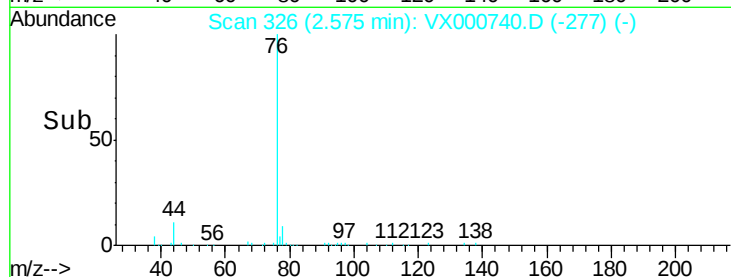
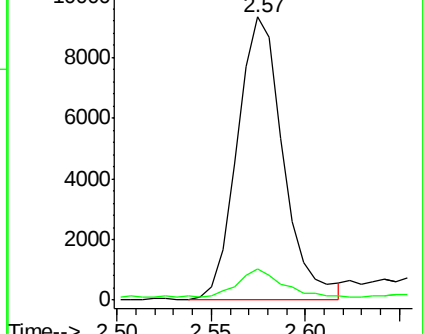
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 5.75 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000740.D

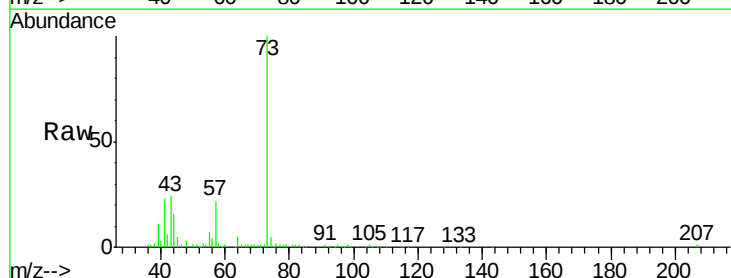
Acq: 08 Apr 2018 19:03

Tgt Ion: 73 Resp: 46908

Ion Ratio Lower Upper

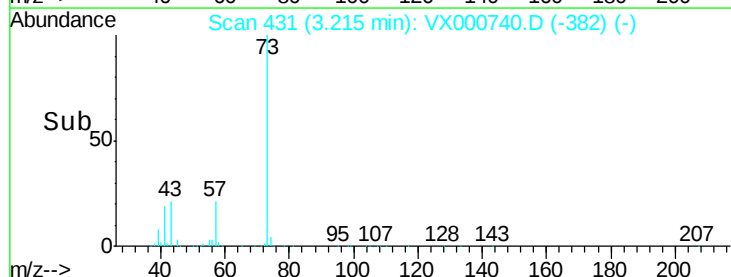
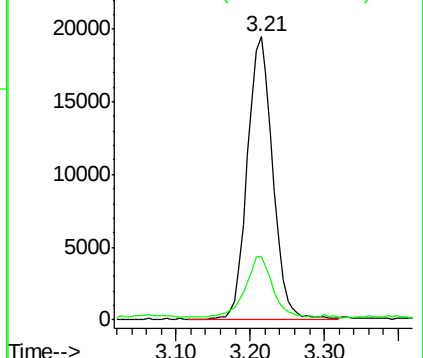
73 100

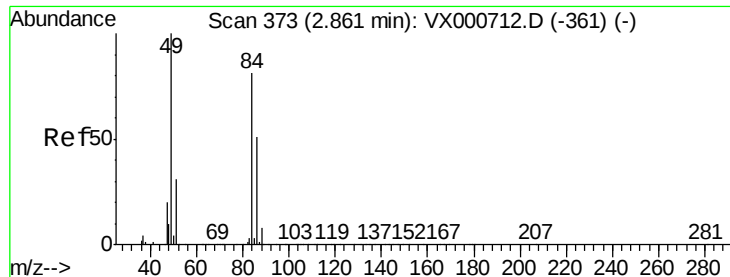
57 21.3 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

Tgt Ion: 84 Resp: 563

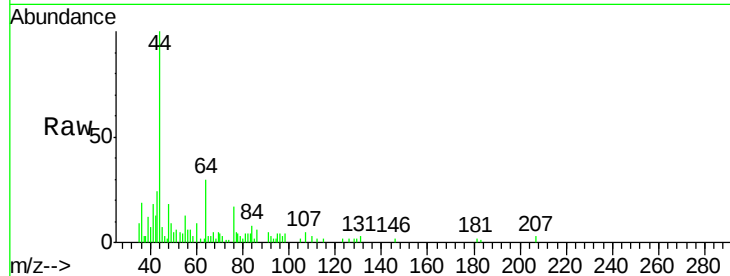
Ion Ratio Lower Upper

84 100

49 131.3 98.6 148.0

51 43.0 30.8 46.2

86 86.3 50.8 76.2#

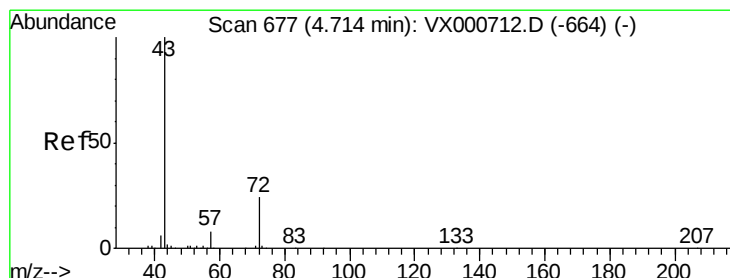
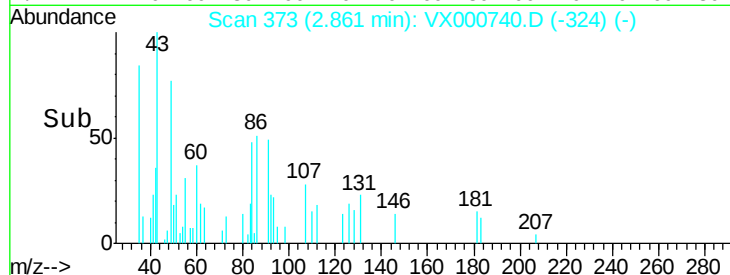
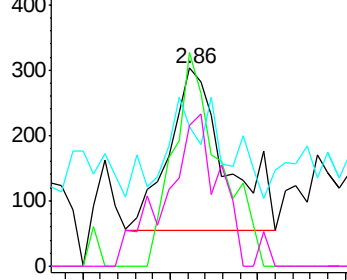


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.39 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000740.D

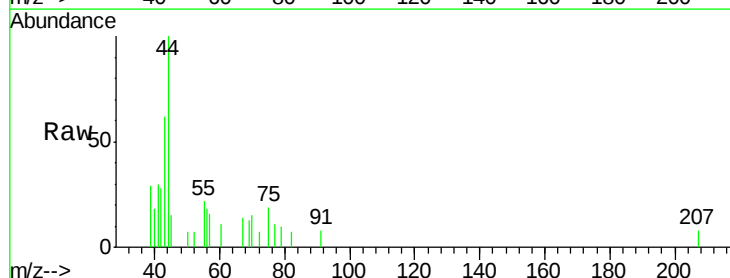
Acq: 08 Apr 2018 19:03

Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

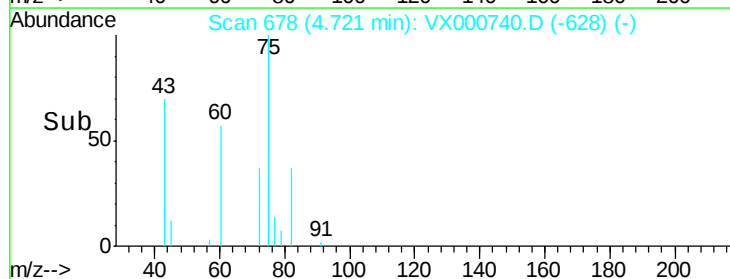
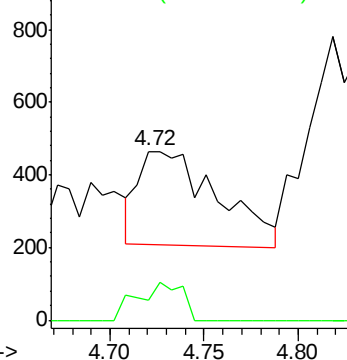
43 100

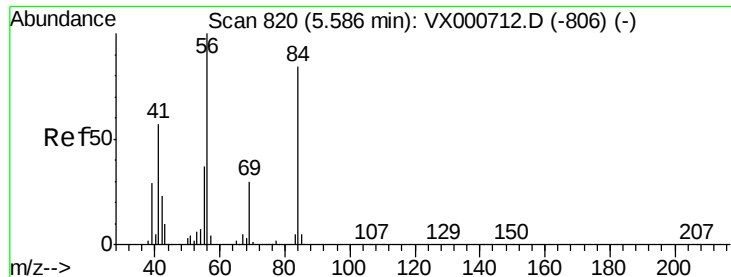
72 25.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

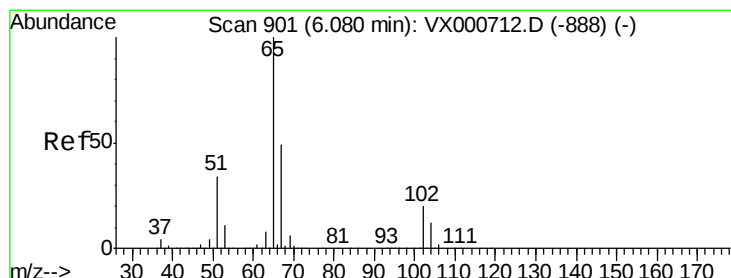
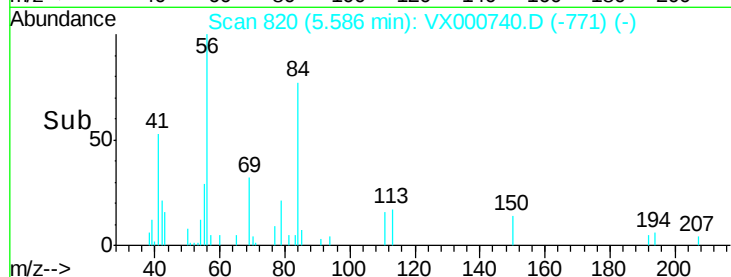
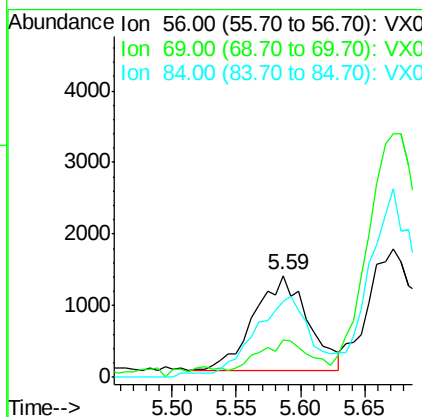
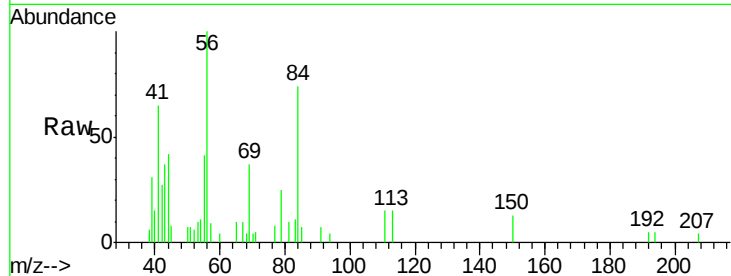




#31
Cyclohexane
Concen: Below Cal
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

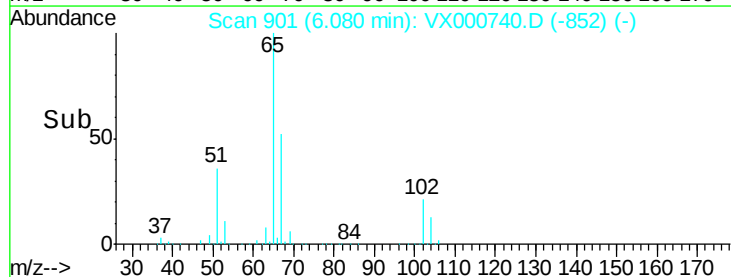
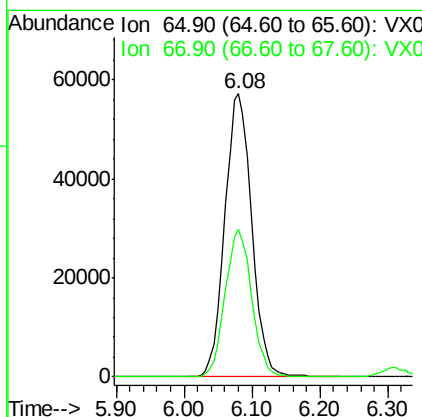
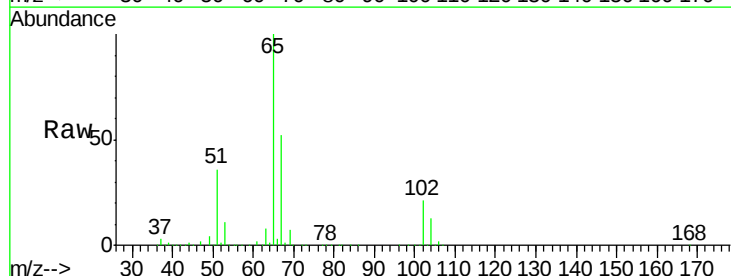
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

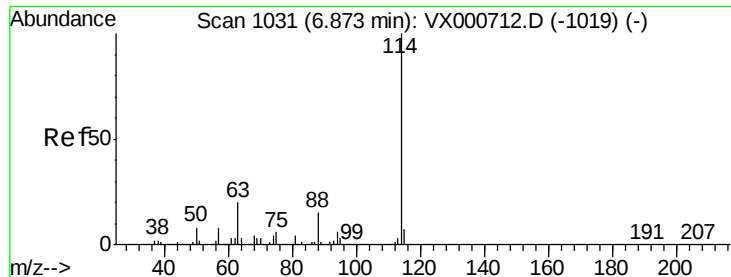
Tgt Ion: 56 Resp: 3840
Ion Ratio Lower Upper
56 100
69 34.3 23.8 35.6
84 74.9 67.4 101.2



#33
1,2-Dichloroethane-d4
Concen: 43.86 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion: 65 Resp: 156942
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

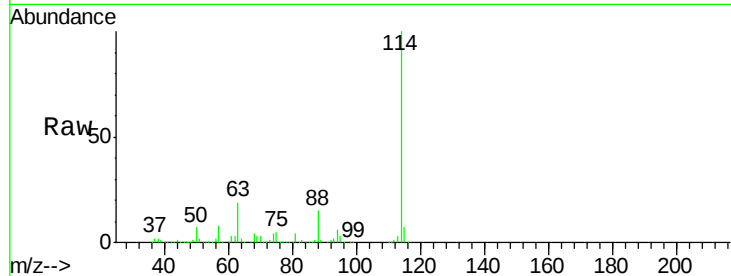
Tgt Ion:114 Resp: 432304

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.2 0.0 30.6



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

250000

200000

150000

100000

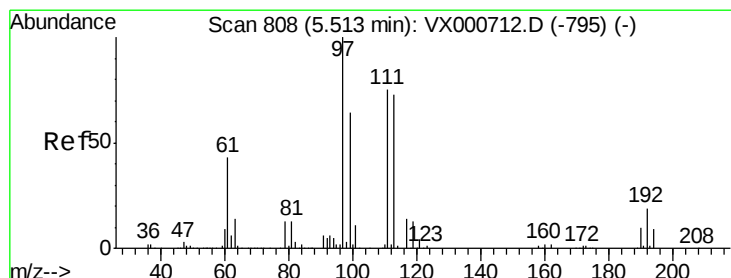
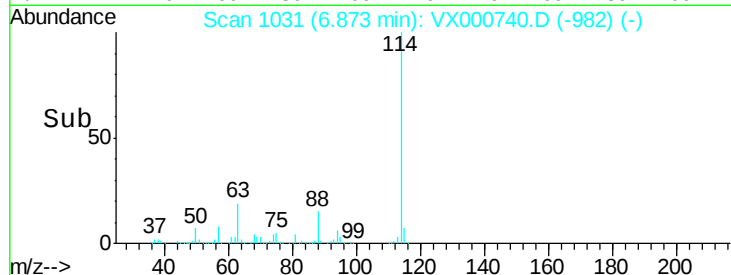
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

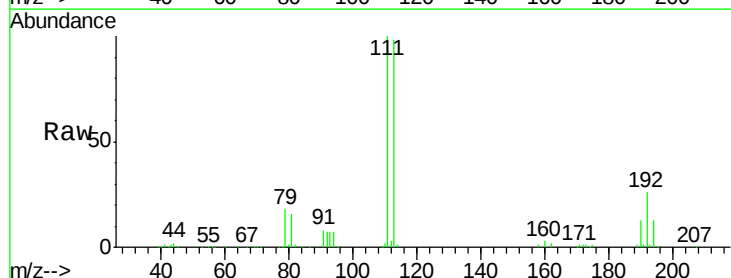
Tgt Ion:113 Resp: 136039

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

192 25.8 20.0 30.0



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

60000

50000

40000

30000

20000

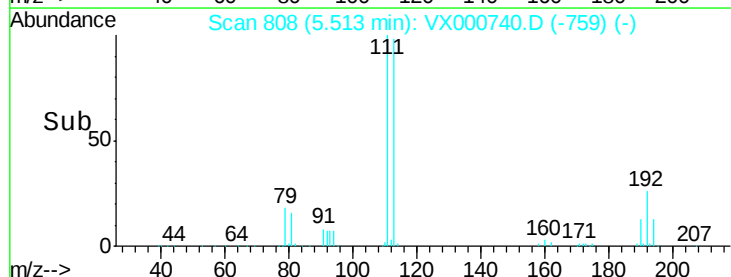
10000

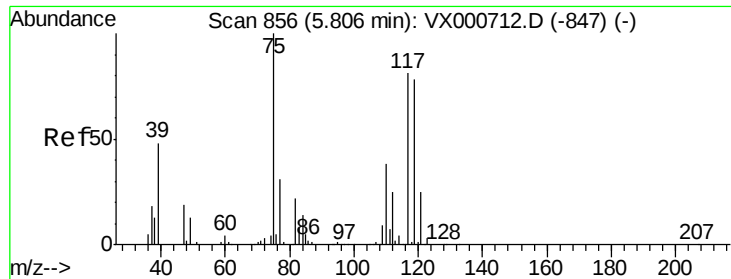
0

5.51

5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 4.99 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

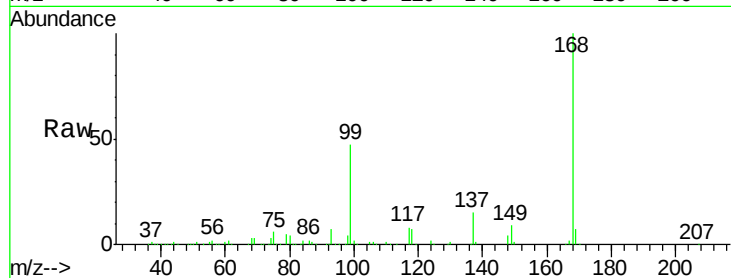
Tgt Ion: 75 Resp: 18467

Ion Ratio Lower Upper

75 100

110 9.8 18.6 56.0#

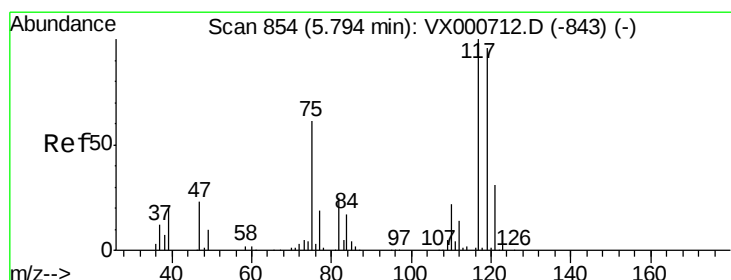
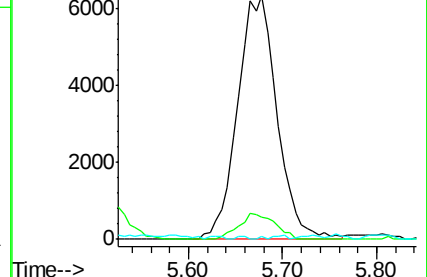
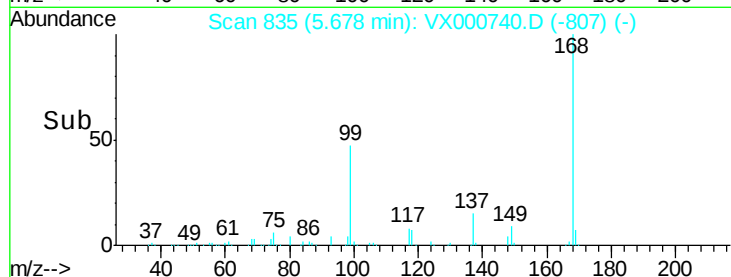
77 0.0 24.6 37.0#



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: 6.03 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

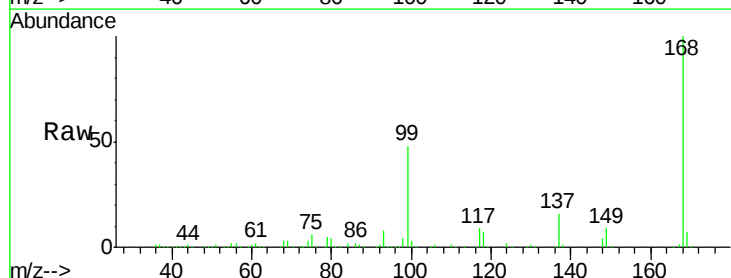
Tgt Ion: 117 Resp: 26154

Ion Ratio Lower Upper

117 100

119 5.3 76.7 115.1#

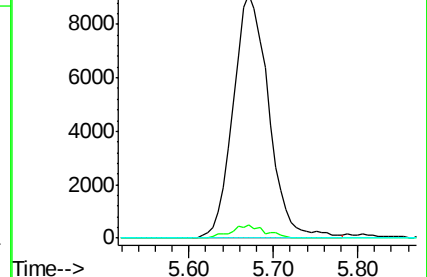
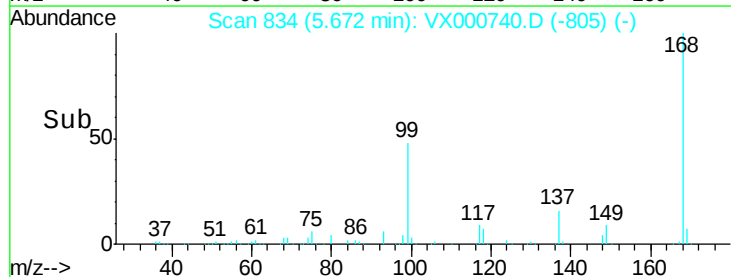
121 0.0 24.7 37.1#

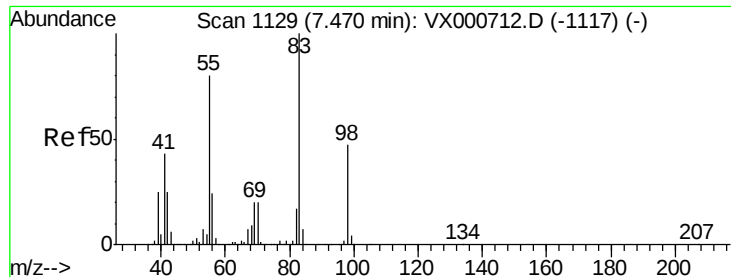


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

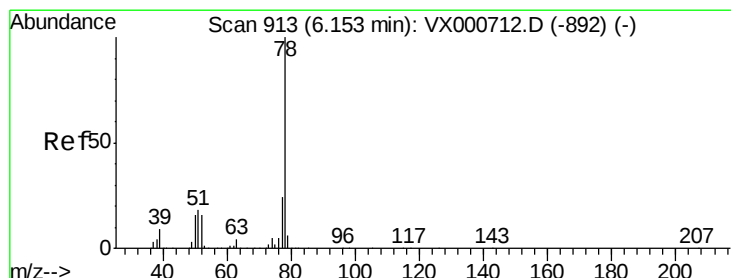
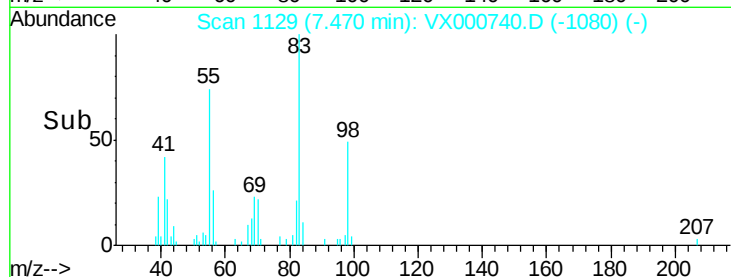
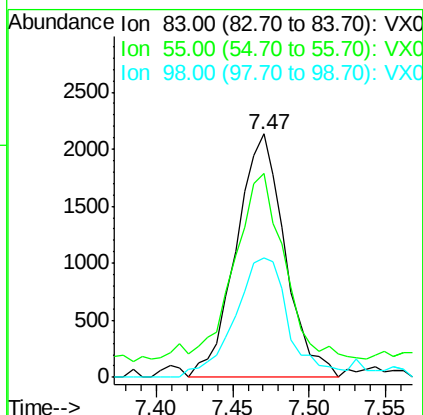
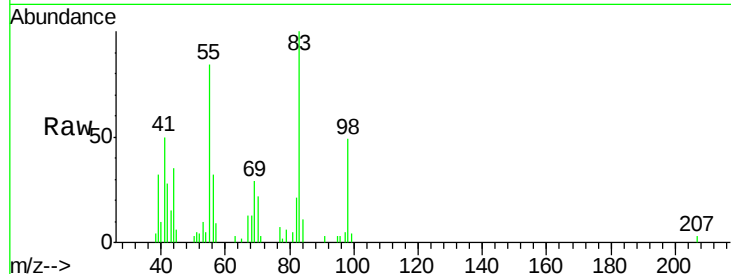




#39
Methylcyclohexane
Concen: Below Cal
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

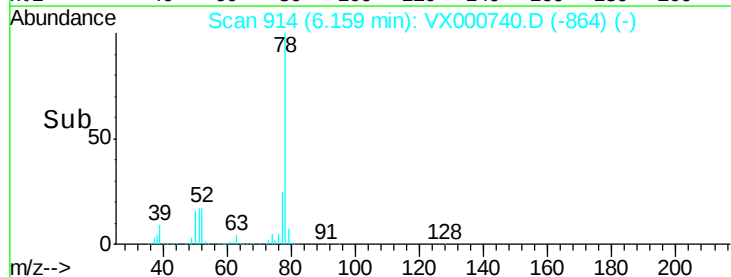
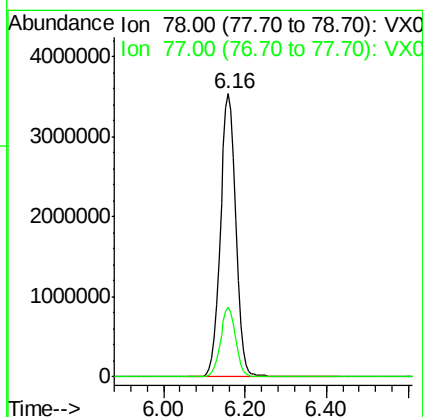
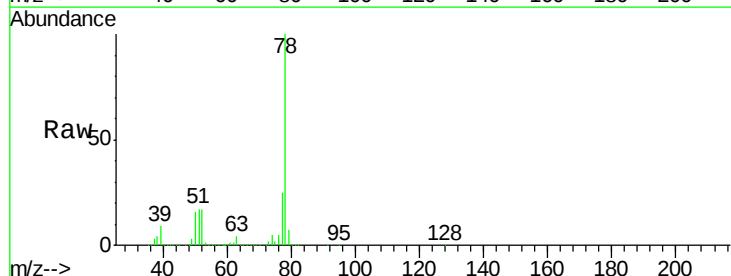
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

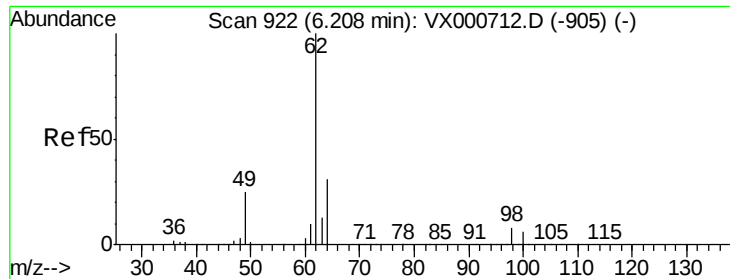
Tgt Ion: 83 Resp: 4710
Ion Ratio Lower Upper
83 100
55 74.4 63.7 95.5
98 45.9 37.2 55.8



#40
Benzene
Concen: 910.40 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion: 78 Resp: 9481099
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#42

1,2-Dichloroethane

Concen: 20.46 ug/l

RT: 6.16 min Scan# 914

Delta R.T. -0.05 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

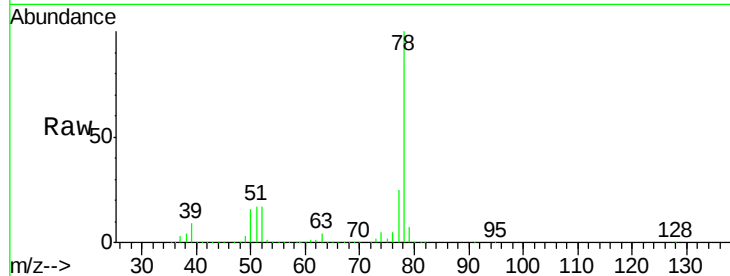
QNWP8-MW27S-GW

Tgt Ion: 62 Resp: 84054

Ion Ratio Lower Upper

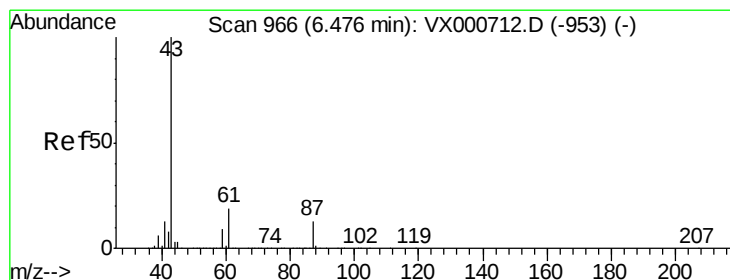
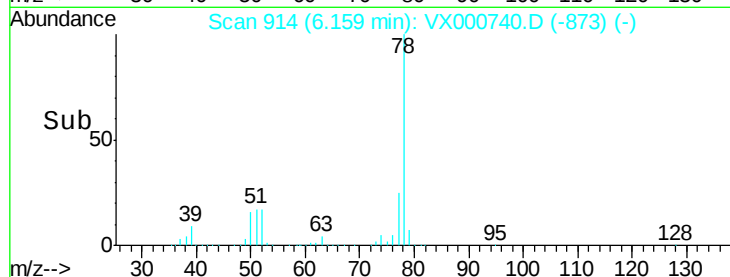
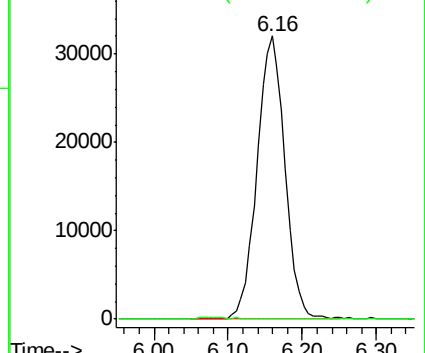
62 100

98 0.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

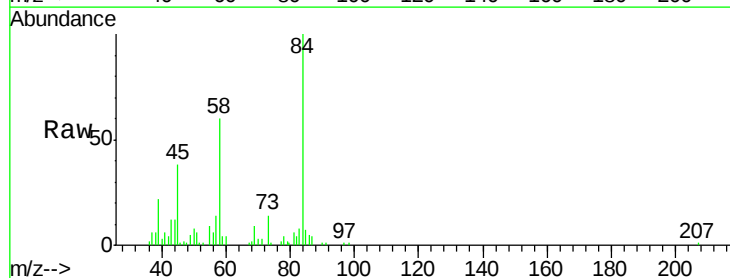
Tgt Ion: 43 Resp: 2373

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

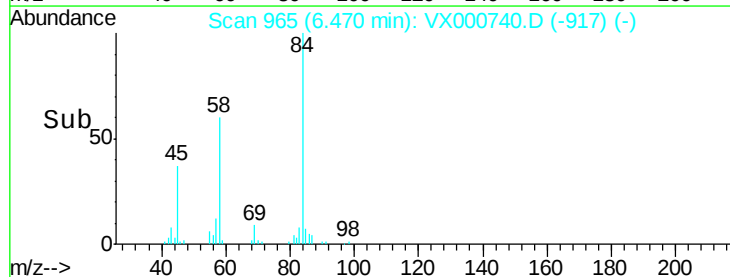
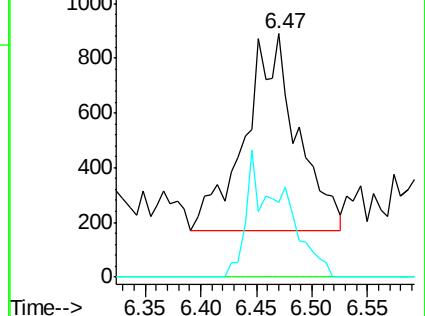
87 0.0 10.4 15.6#

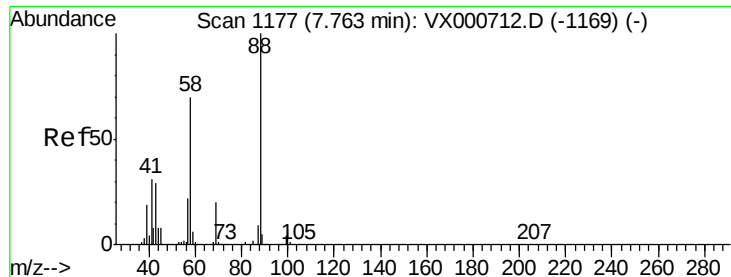


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

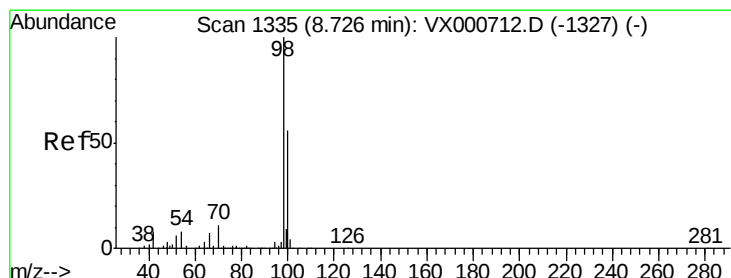
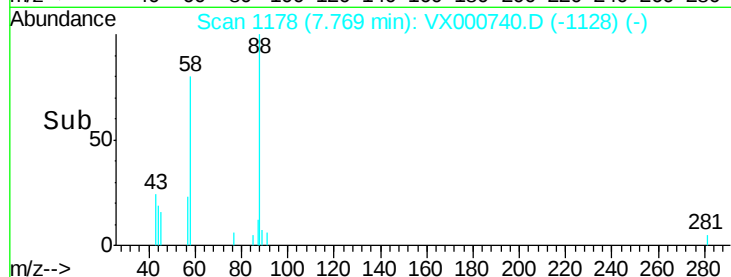
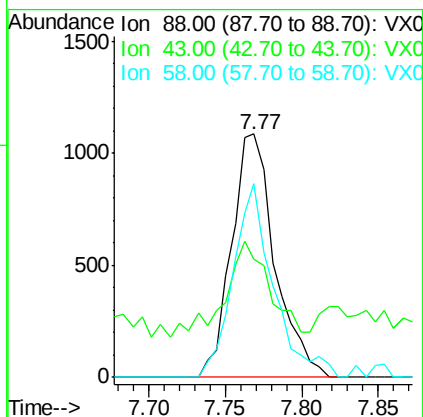
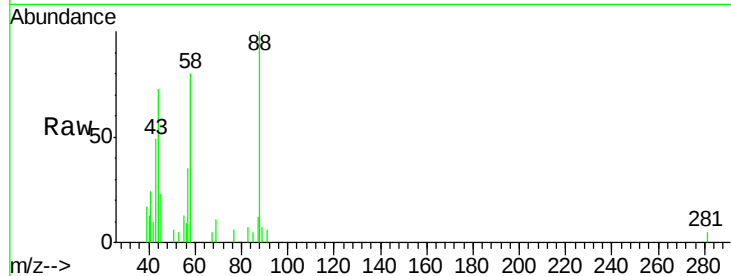




#49
 1,4-Dioxane
 Concen: 30.68 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

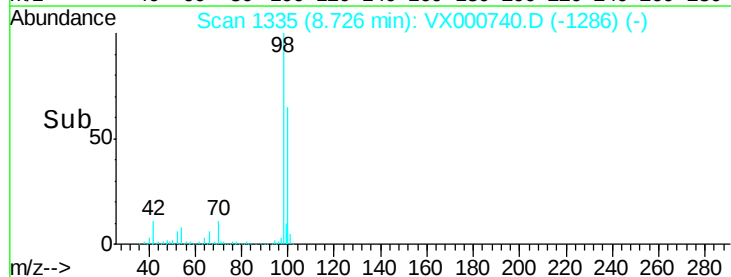
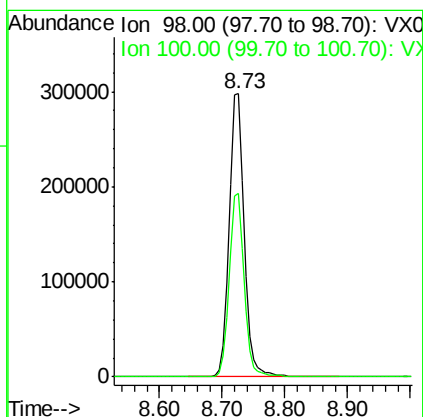
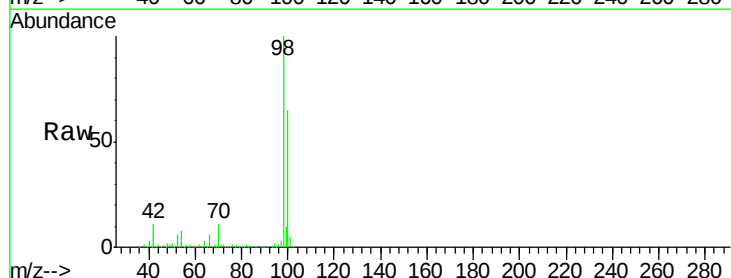
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

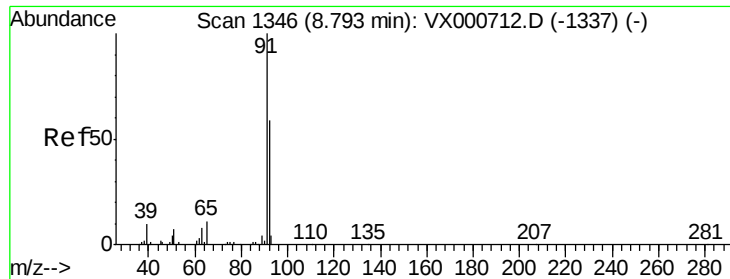
Tgt Ion: 88 Resp: 2132
 Ion Ratio Lower Upper
 88 100
 43 41.1 27.9 41.9
 58 74.2 57.0 85.4



#50
 Toluene-d8
 Concen: 46.71 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Tgt Ion: 98 Resp: 494638
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.6 78.8





#52

Toluene

Concen: 9.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

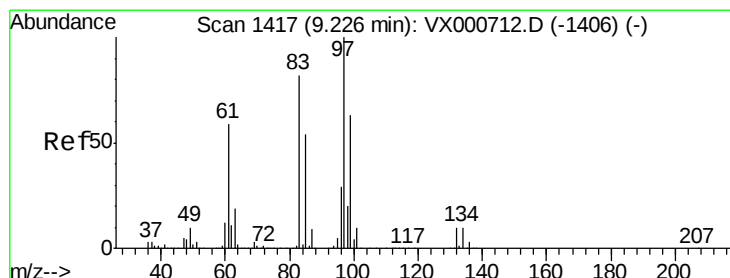
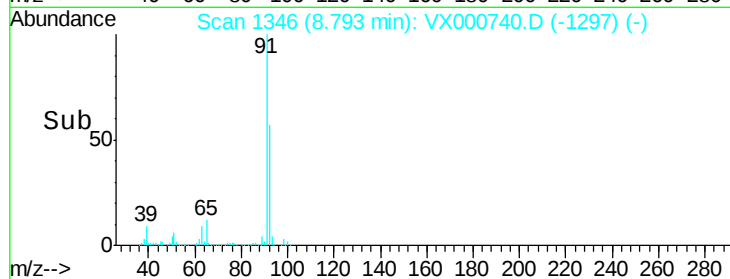
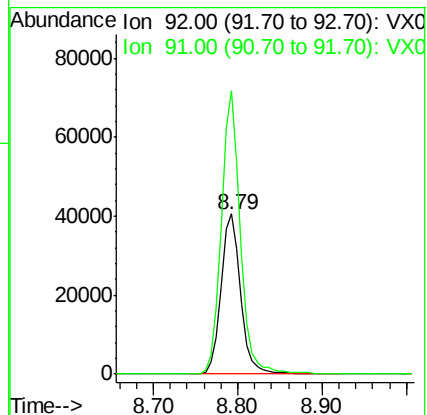
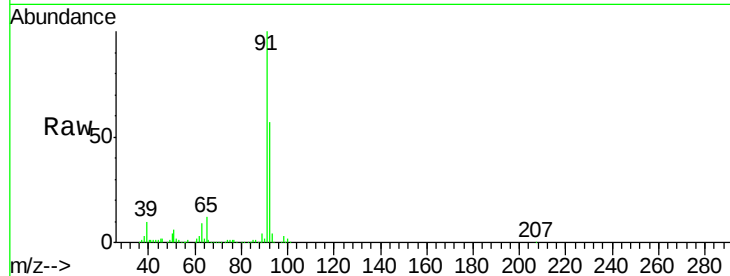
QNWP8-MW27S-GW

Tgt Ion: 92 Resp: 65474

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 0.22 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Tgt Ion: 97 Resp: 626

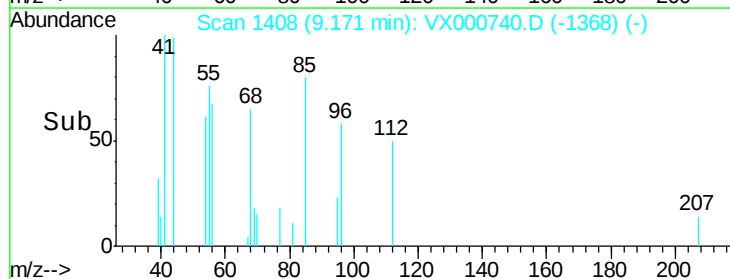
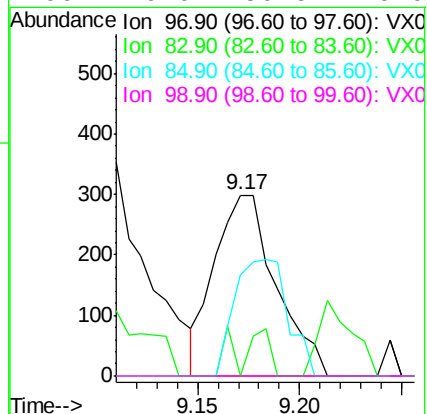
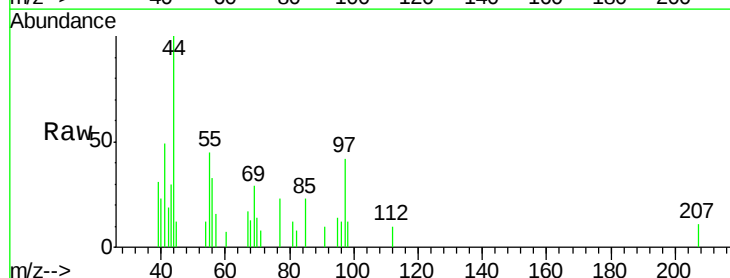
Ion Ratio Lower Upper

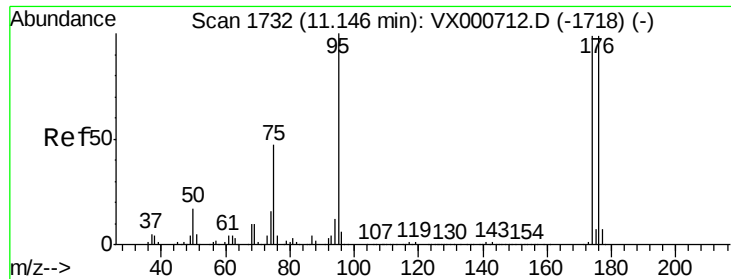
97 100

83 0.0 65.7 98.5#

85 55.5 42.8 64.2

99 0.0 50.6 76.0#





#62

4-Bromofluorobenzene

Concen: 45.98 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

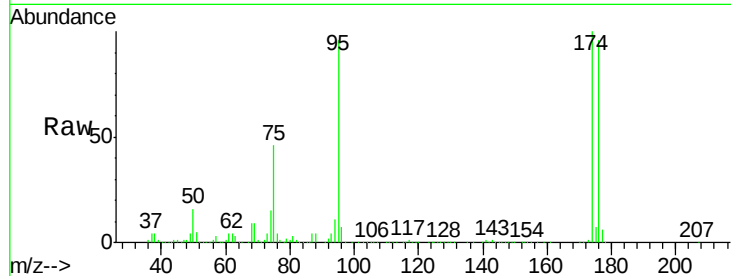
Tgt Ion: 95 Resp: 202232

Ion Ratio Lower Upper

95 100

174 98.5 0.0 191.6

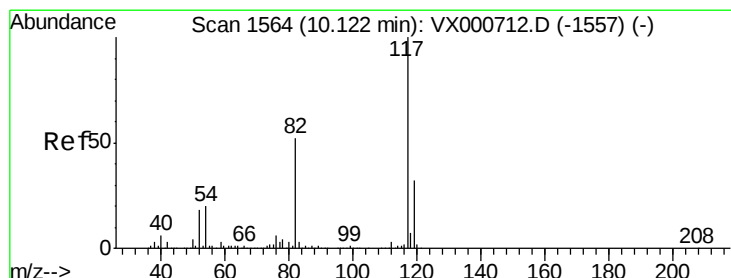
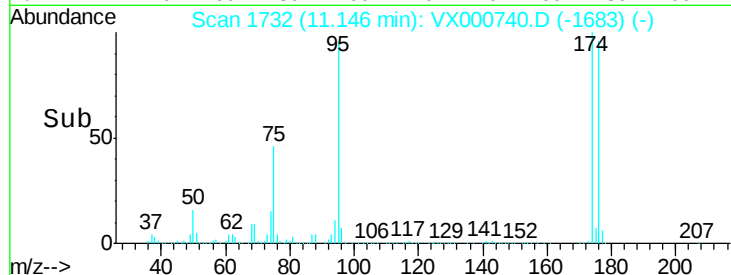
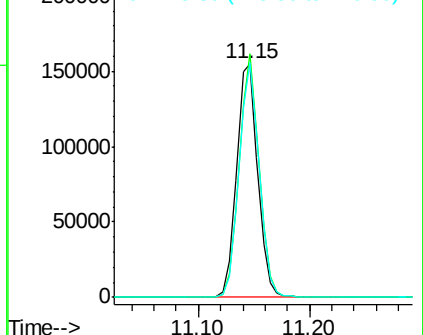
176 96.2 0.0 187.0



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# 1564

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

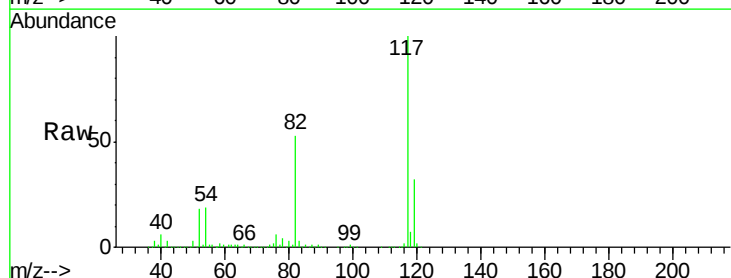
Tgt Ion: 117 Resp: 402698

Ion Ratio Lower Upper

117 100

82 52.6 41.9 62.9

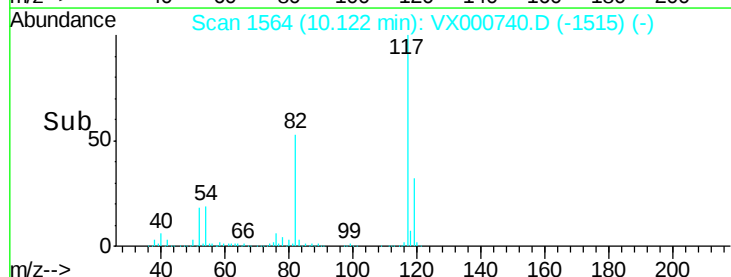
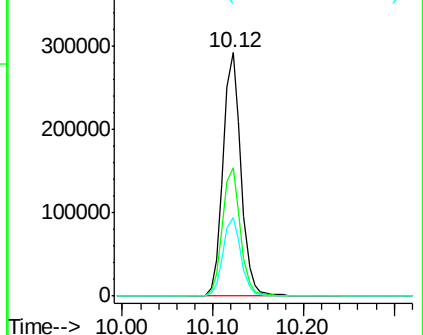
119 32.4 25.8 38.8

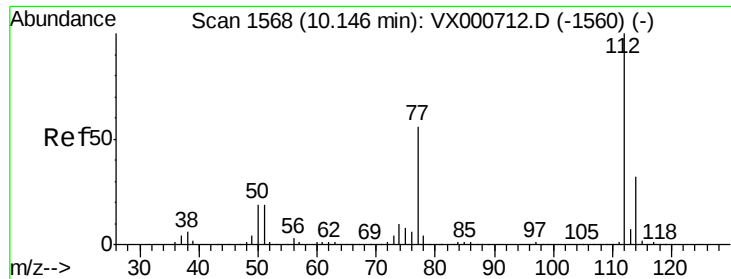


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.26 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

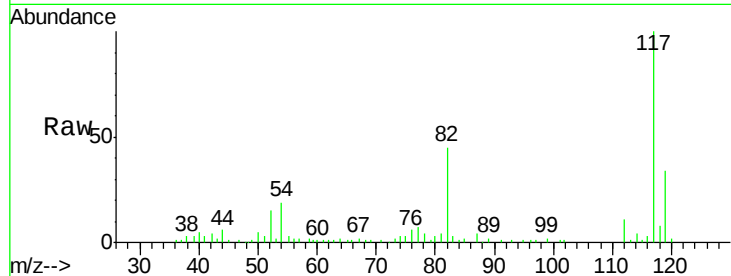
QNWP8-MW27S-GW

Tgt Ion: 112 Resp: 2195

Ion Ratio Lower Upper

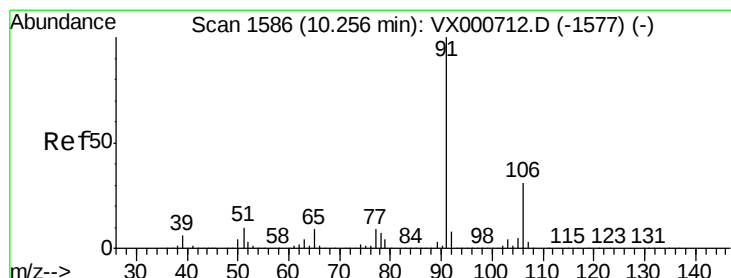
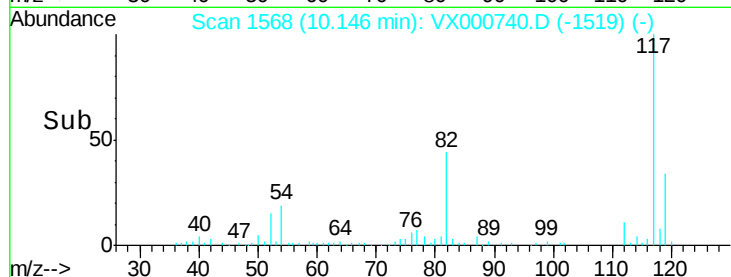
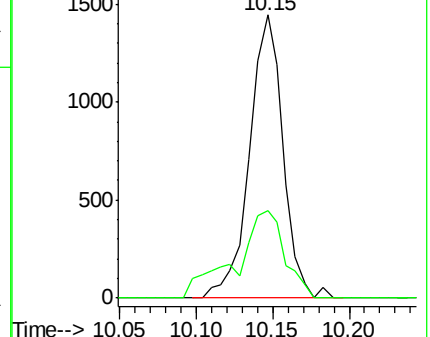
112 100

114 30.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 133.96 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000740.D

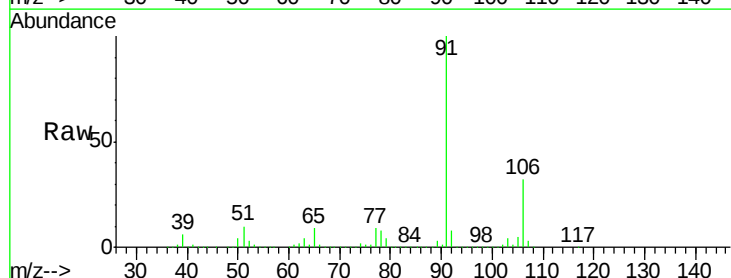
Acq: 08 Apr 2018 19:03

Tgt Ion: 91 Resp: 1862497

Ion Ratio Lower Upper

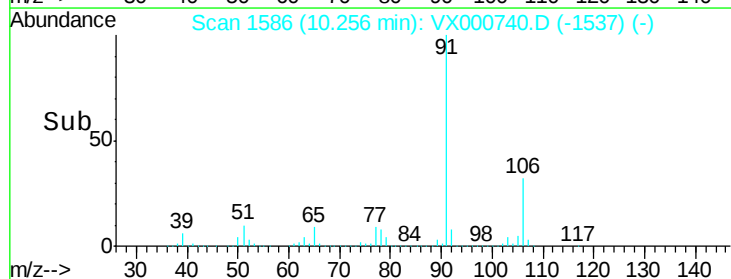
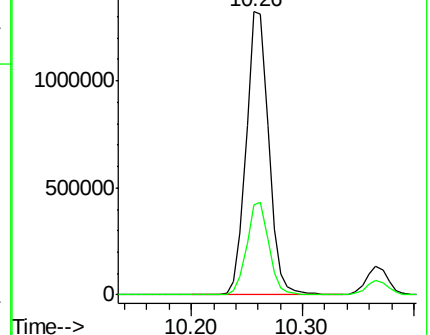
91 100

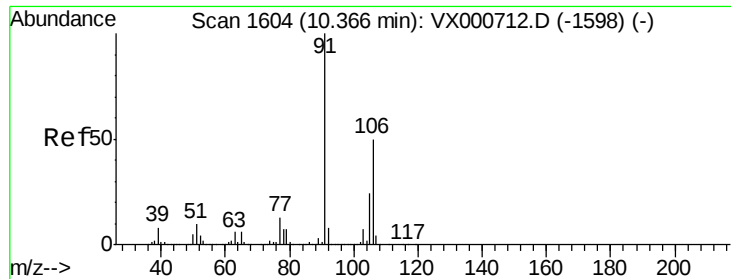
106 31.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

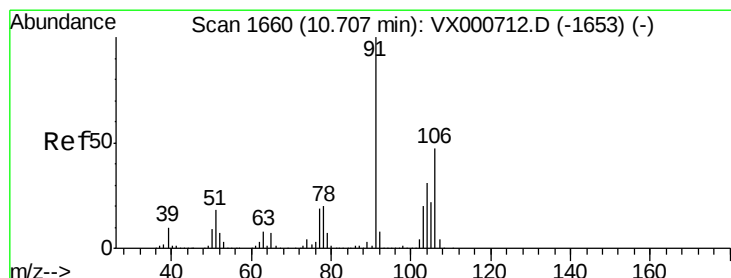
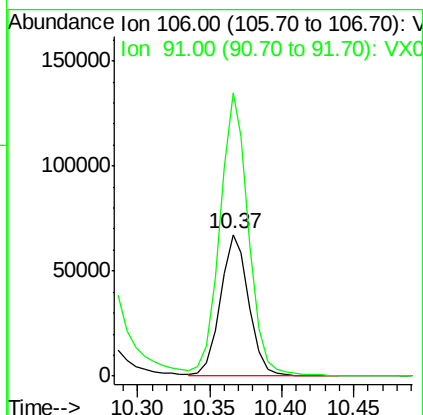
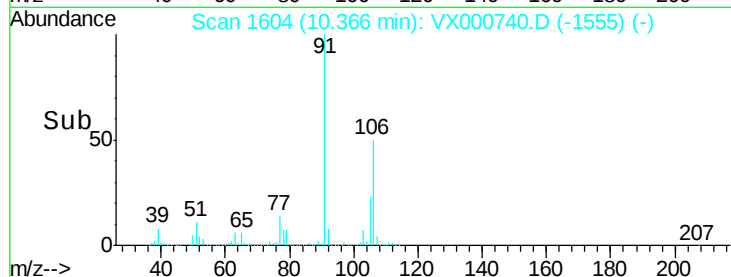
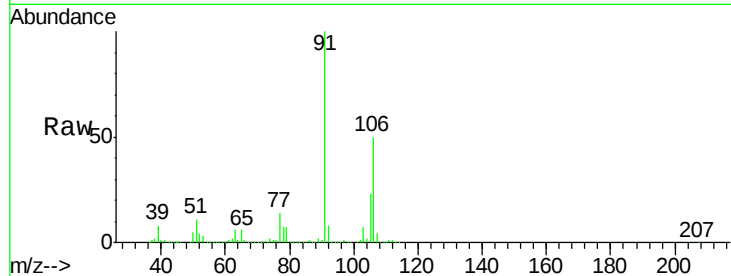




#68
m/p-Xylenes
Concen: 17.17 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

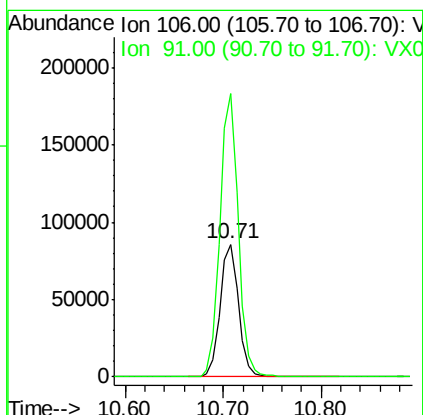
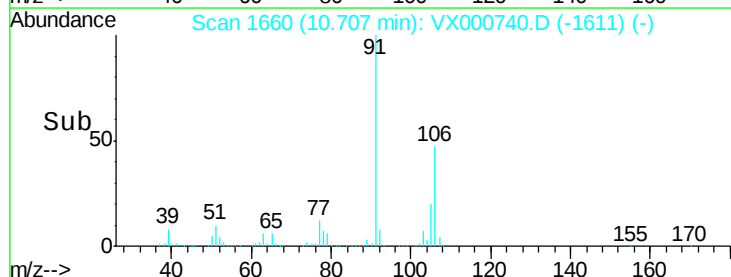
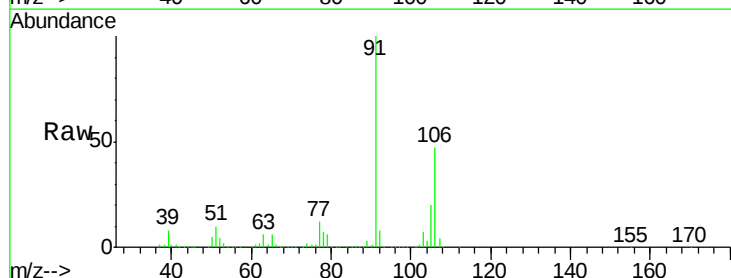
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

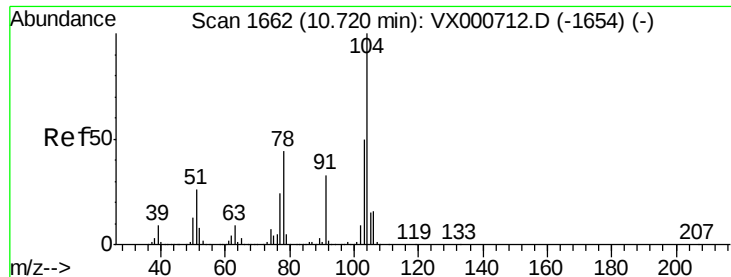
Tgt Ion:106 Resp: 93396
Ion Ratio Lower Upper
106 100
91 201.0 159.7 239.5



#69
o-Xylene
Concen: 20.97 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion:106 Resp: 111932
Ion Ratio Lower Upper
106 100
91 212.2 106.1 318.3

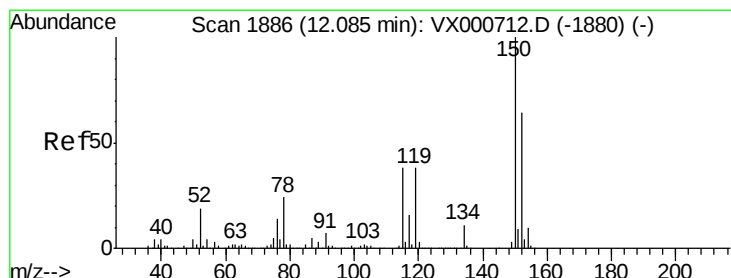
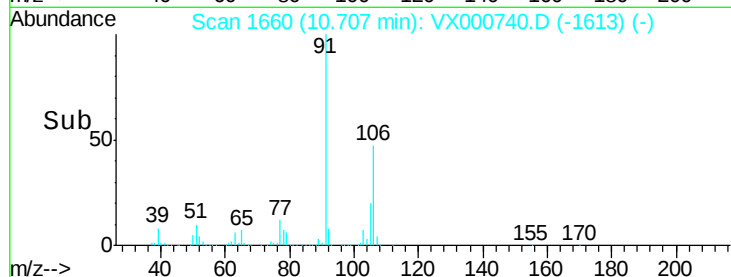
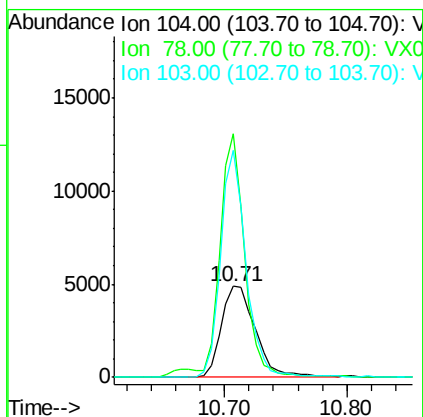
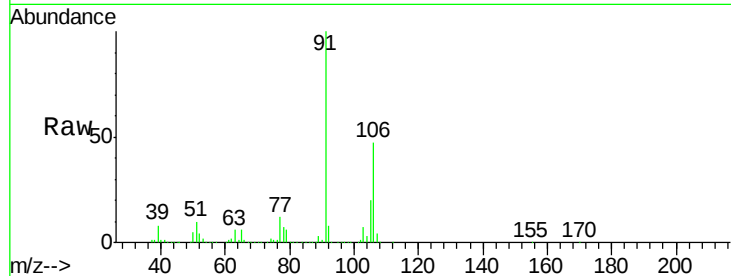




#70
Styrene
Concen: 1.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

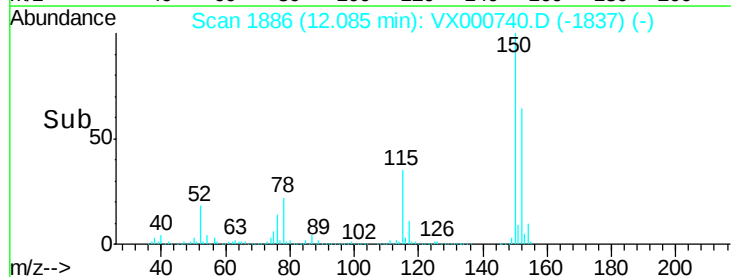
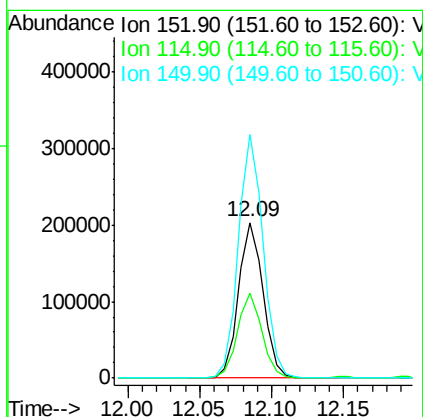
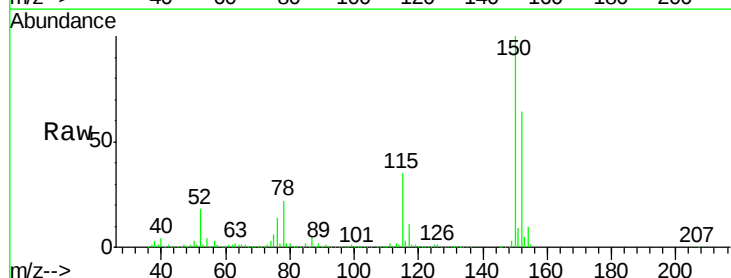
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

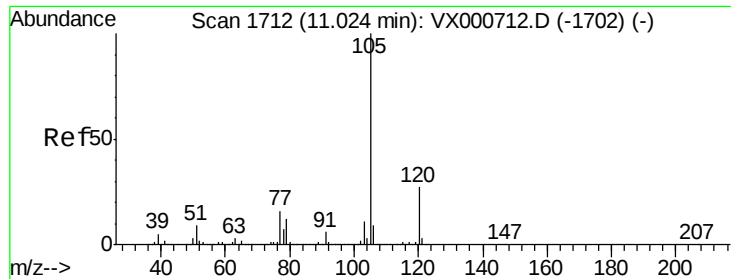
Tgt Ion:104 Resp: 9490
Ion Ratio Lower Upper
104 100
78 188.5 39.8 59.6#
103 183.9 44.1 66.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion:152 Resp: 241661
Ion Ratio Lower Upper
152 100
115 53.9 37.7 113.1
150 157.4 0.0 345.0





#73

Isopropylbenzene

Concen: 24.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

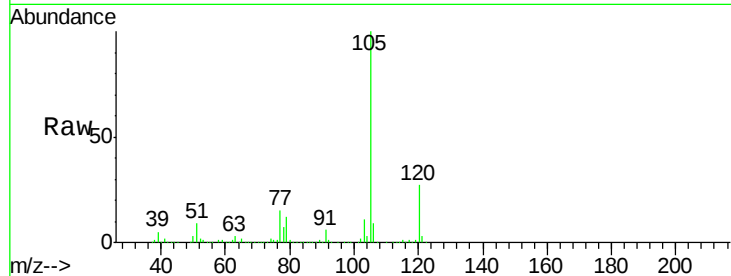
QNWP8-MW27S-GW

Tgt Ion: 105 Resp: 352198

Ion Ratio Lower Upper

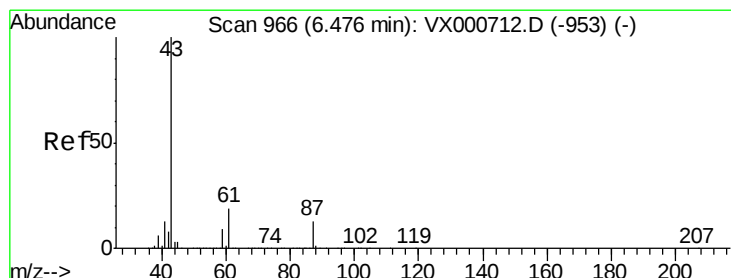
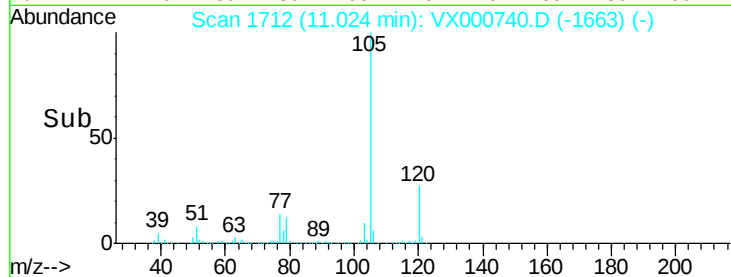
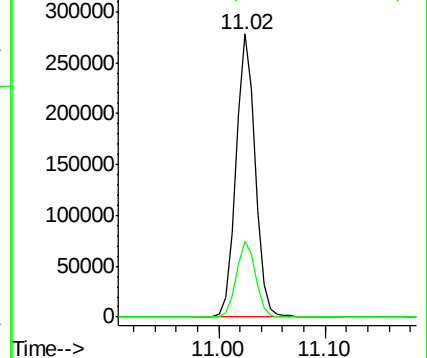
105 100

120 27.0 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Tgt Ion: 43 Resp: 2373

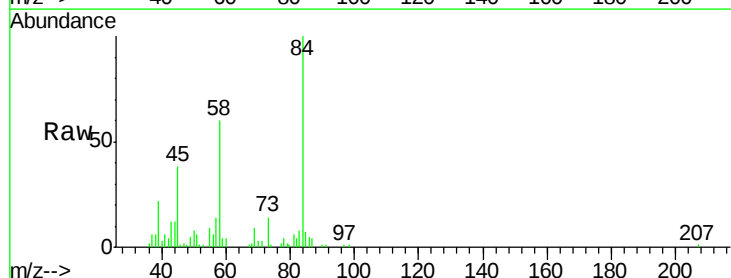
Ion Ratio Lower Upper

43 100

70 19.4 0.0 0.0#

55 76.6 0.0 0.0#

61 0.0 15.4 23.0#

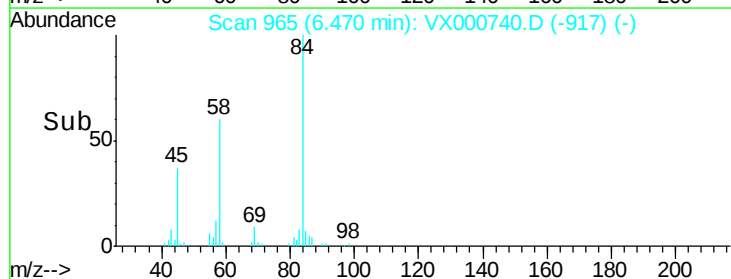
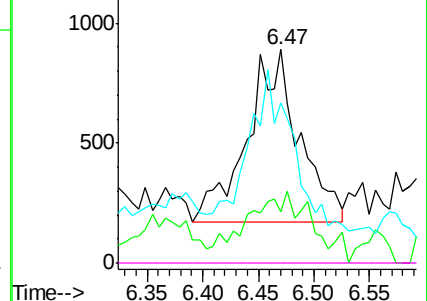


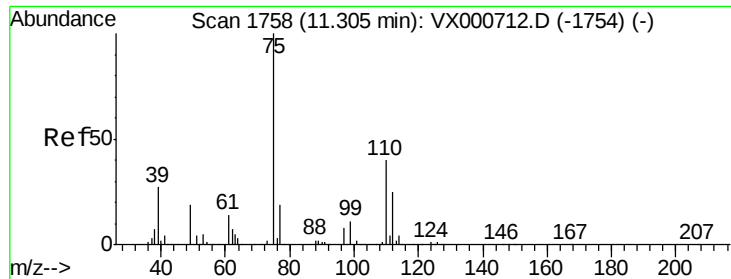
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.85 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

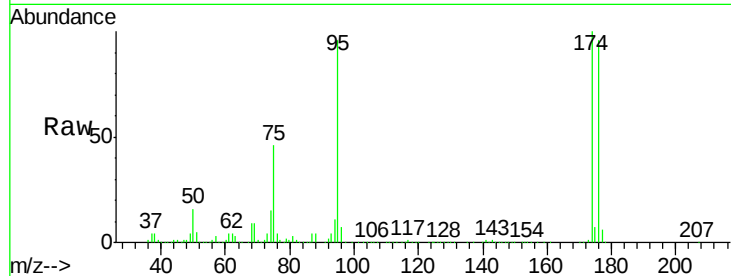
QNWP8-MW27S-GW

Tgt Ion: 75 Resp: 98071

Ion Ratio Lower Upper

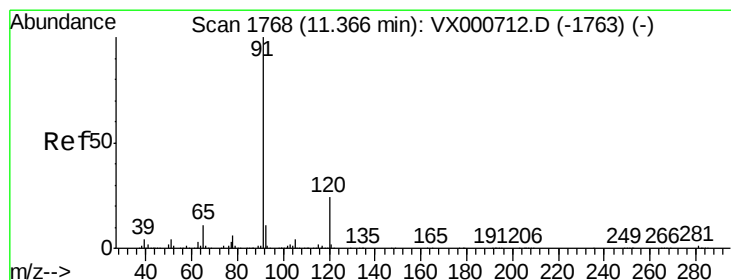
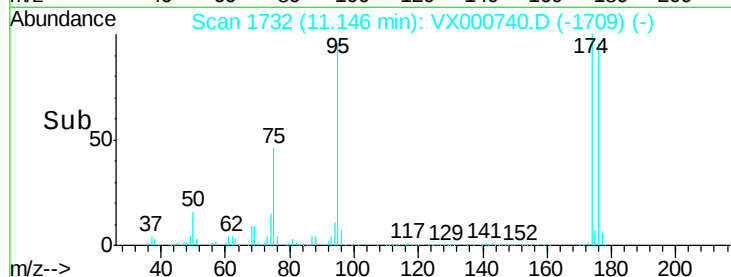
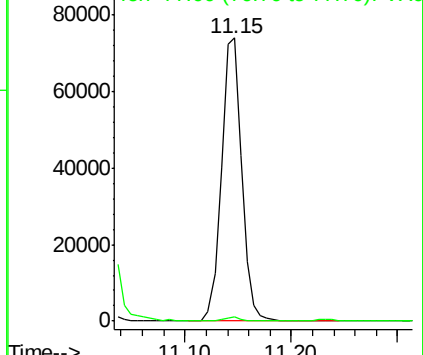
75 100

77 0.0 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 5.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000740.D

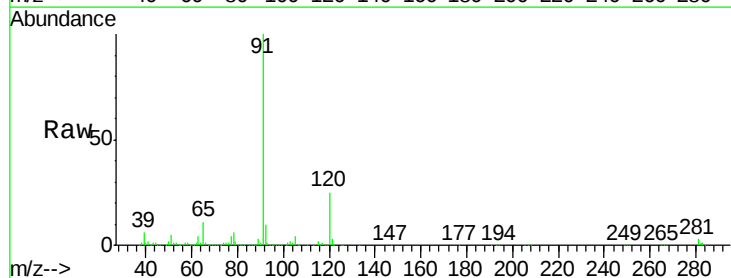
Acq: 08 Apr 2018 19:03

Tgt Ion: 91 Resp: 92737

Ion Ratio Lower Upper

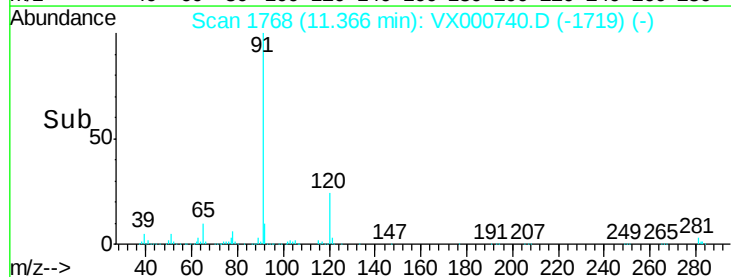
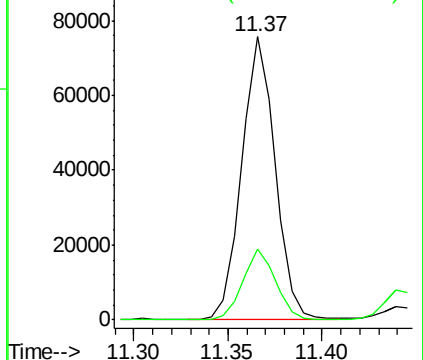
91 100

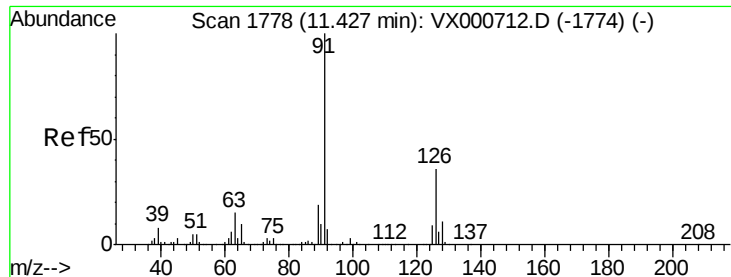
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.57 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. 0.25 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

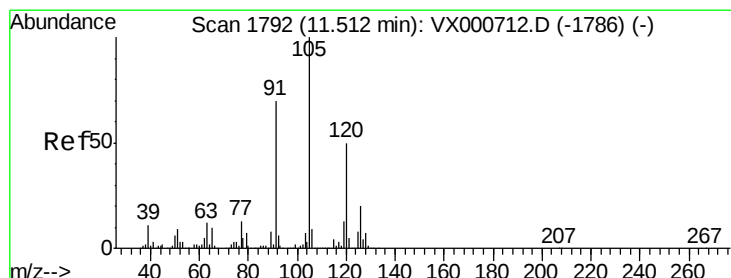
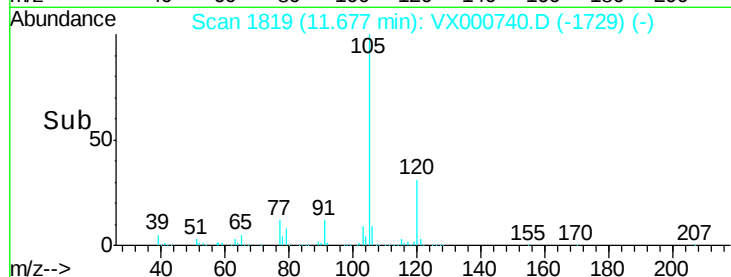
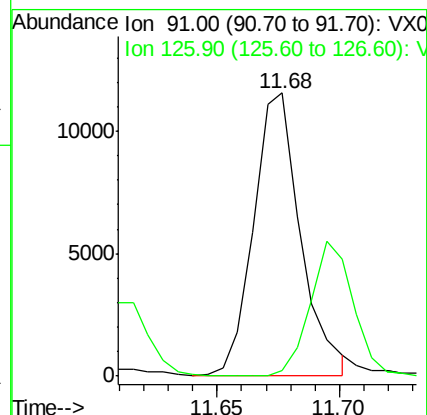
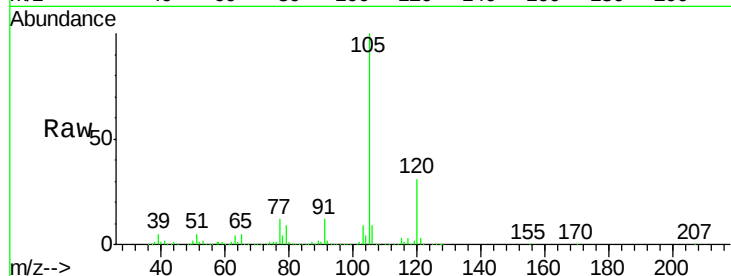
QNWP8-MW27S-GW

Tgt Ion: 91 Resp: 15560

Ion Ratio Lower Upper

91 100

126 34.8 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 0.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000740.D

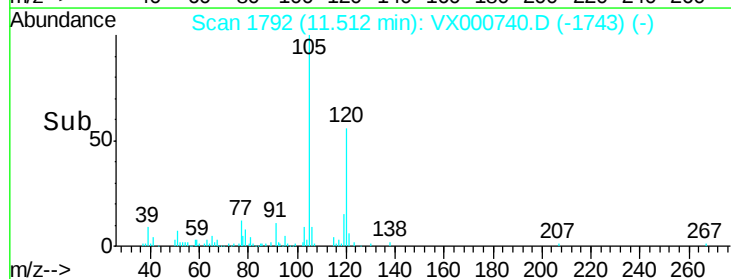
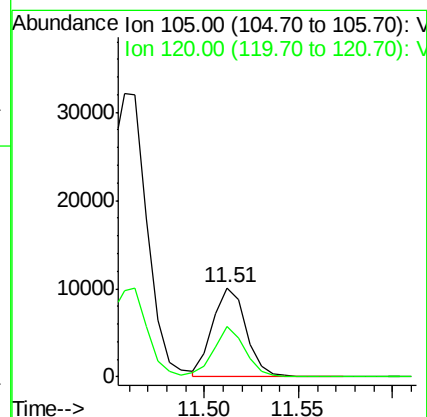
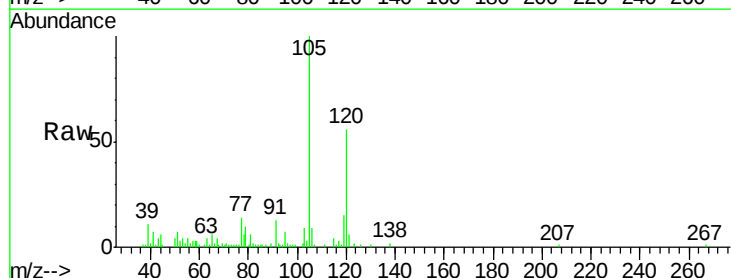
Acq: 08 Apr 2018 19:03

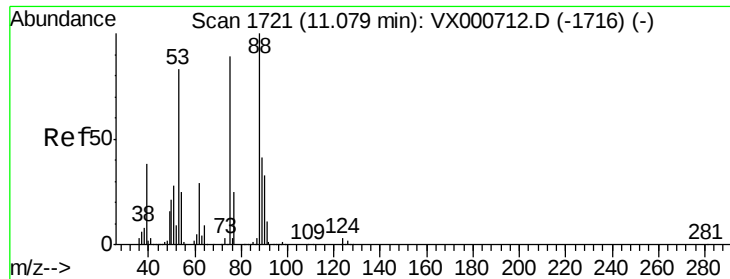
Tgt Ion: 105 Resp: 12378

Ion Ratio Lower Upper

105 100

120 52.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 2.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.05 min

Lab File: VX000740.D

Acq: 08 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

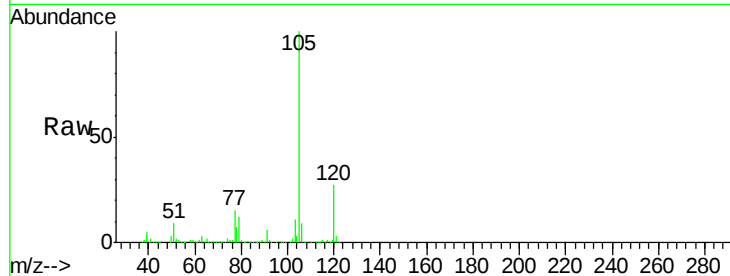
Tgt Ion: 75 Resp: 4209

Ion Ratio Lower Upper

75 100

53 99.8 74.2 111.2

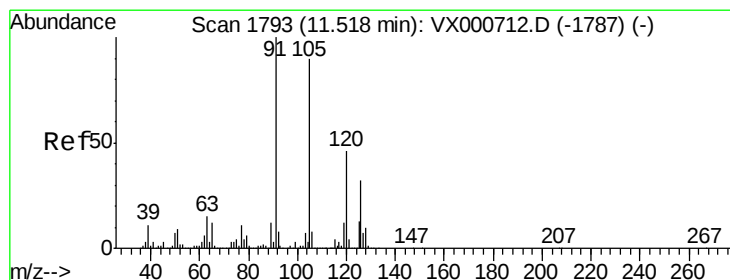
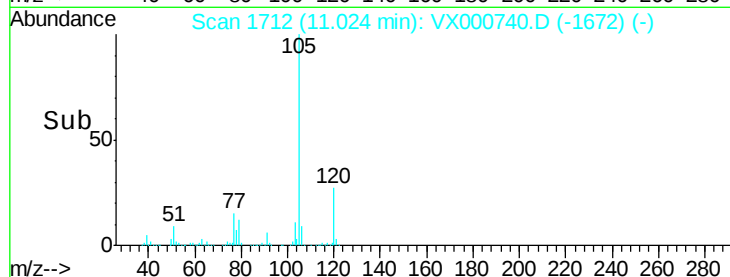
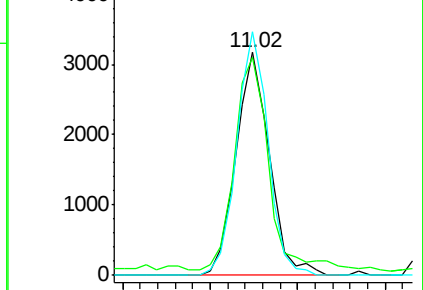
89 102.2 46.6 69.8#



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



#82

4-Chlorotoluene

Concen: 1.35 ug/l

RT: 11.68 min Scan# 1819

Delta R.T. 0.16 min

Lab File: VX000740.D

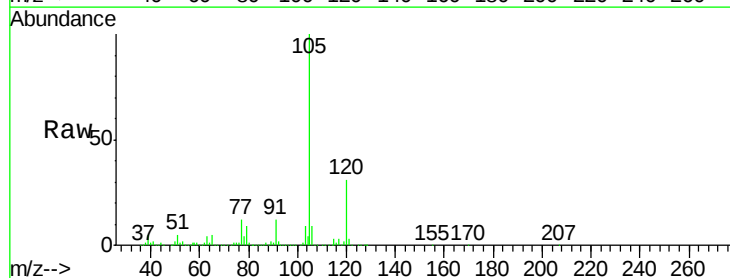
Acq: 08 Apr 2018 19:03

Tgt Ion: 91 Resp: 16036

Ion Ratio Lower Upper

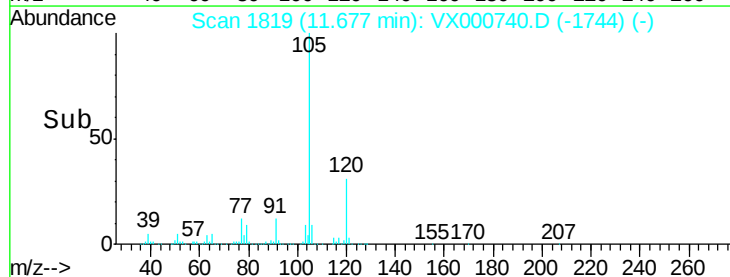
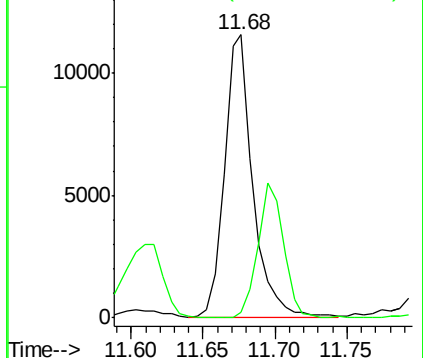
91 100

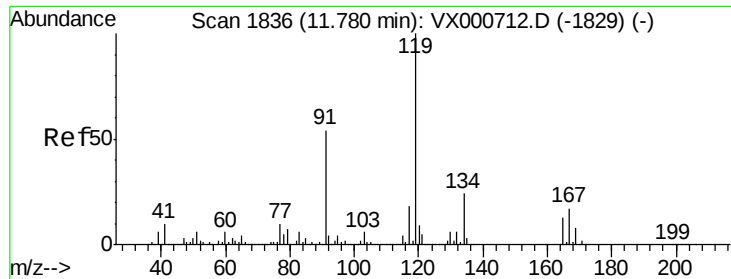
126 41.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

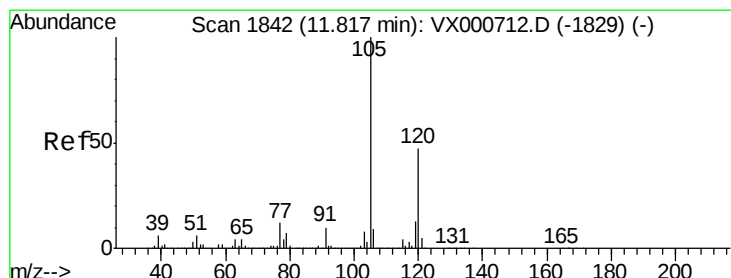
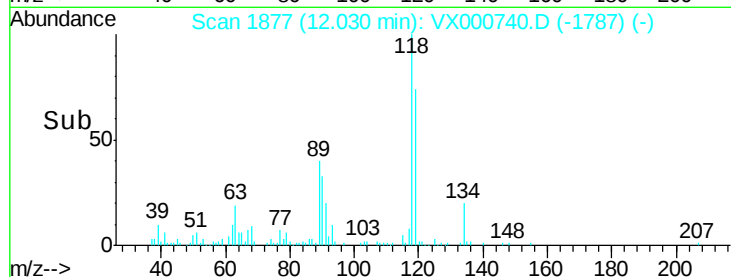
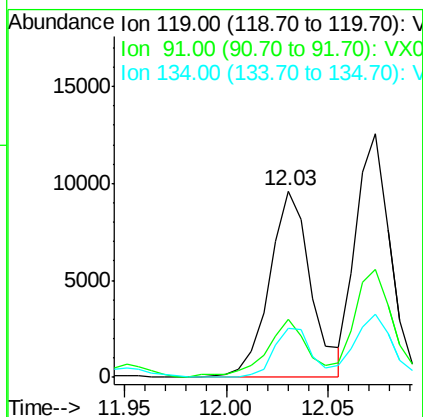
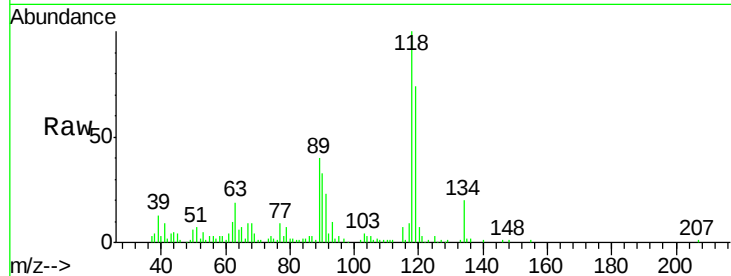




#83
 tert-Butylbenzene
 Concen: 1.06 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.25 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

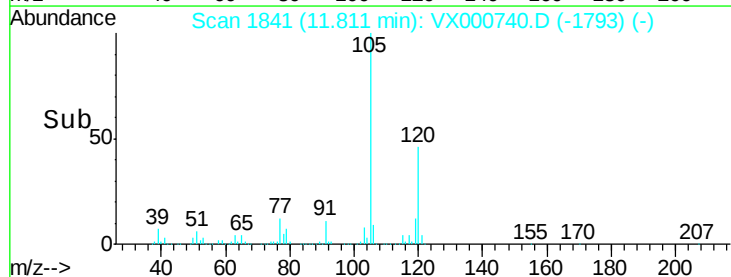
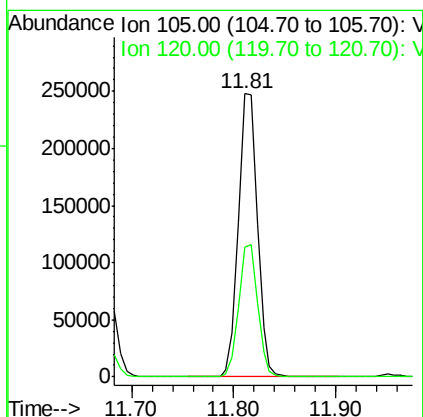
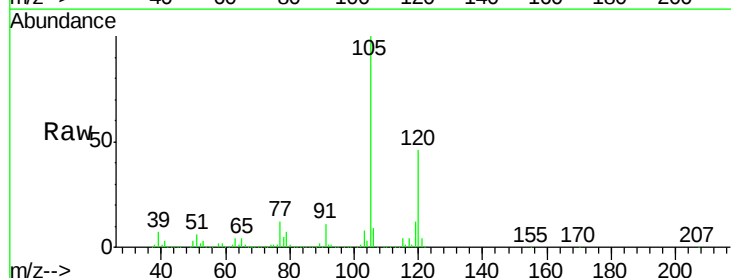
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

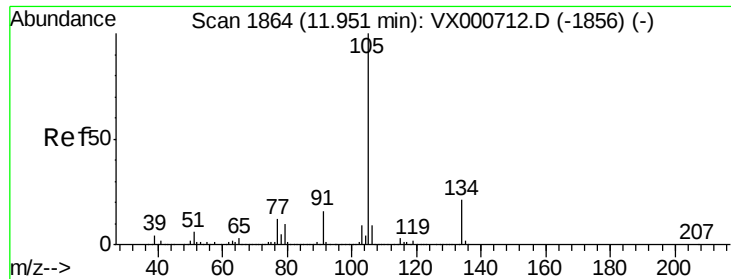
Tgt Ion:119 Resp: 13622
 Ion Ratio Lower Upper
 119 100
 91 30.8 27.3 81.8
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 24.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Tgt Ion:105 Resp: 317712
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.5

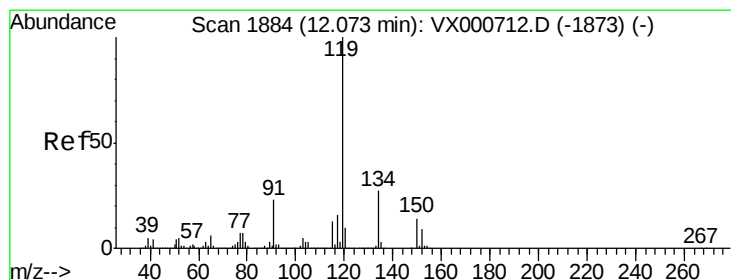
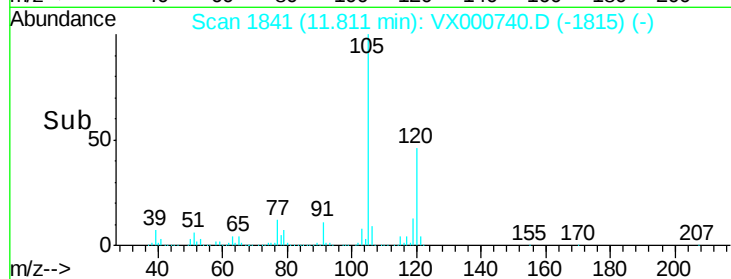
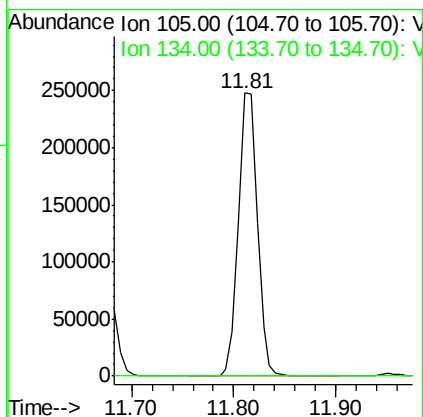
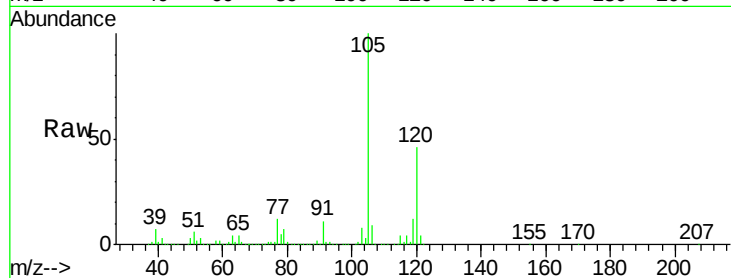




#85
 sec-Butylbenzene
 Concen: 21.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

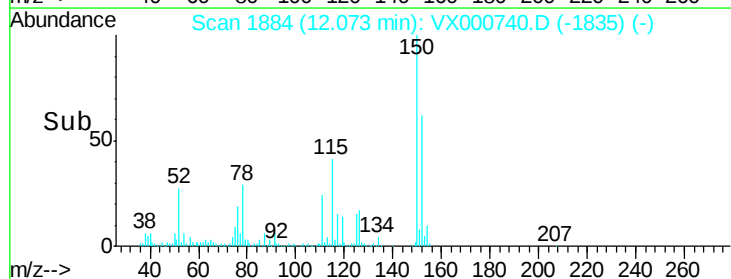
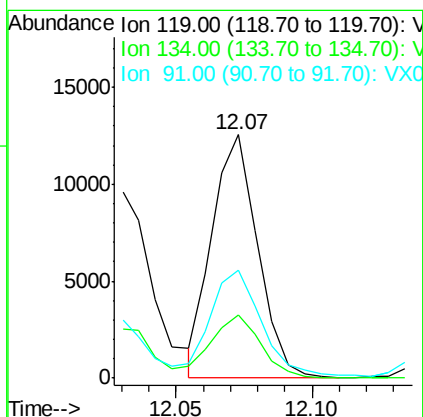
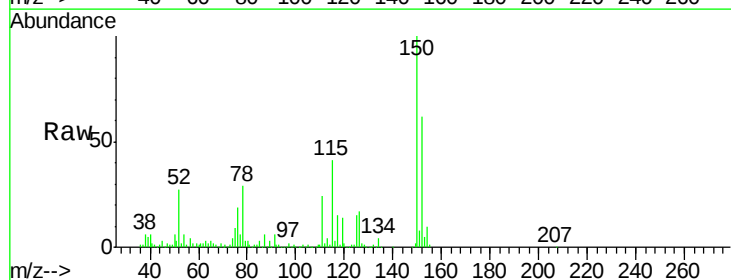
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

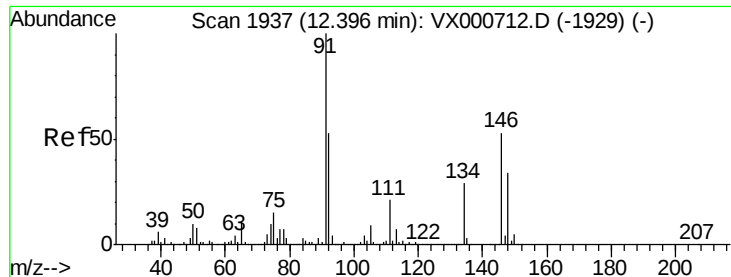
Tgt Ion:105 Resp: 317712
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 32.1#



#86
 p-Isopropyltoluene
 Concen: 1.05 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Tgt Ion:119 Resp: 14678
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.4 40.2
 91 0.0 11.5 34.4#

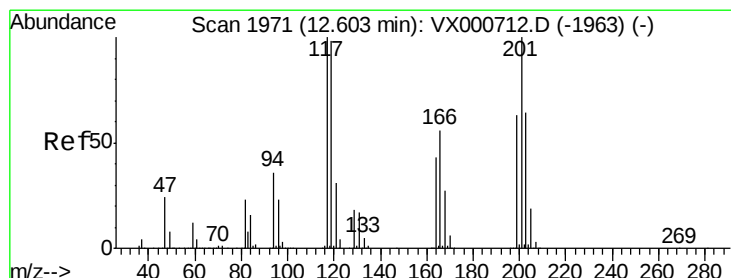
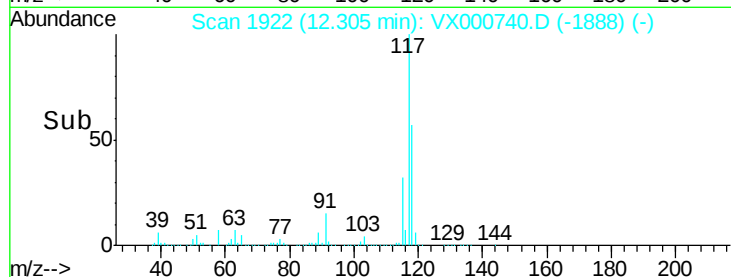
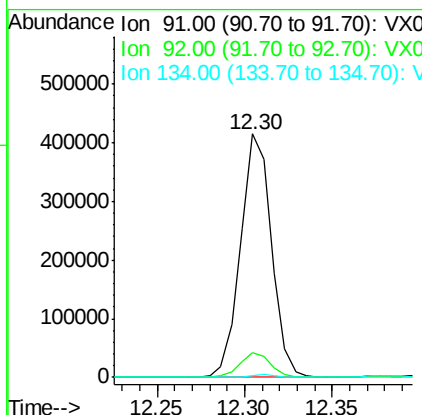
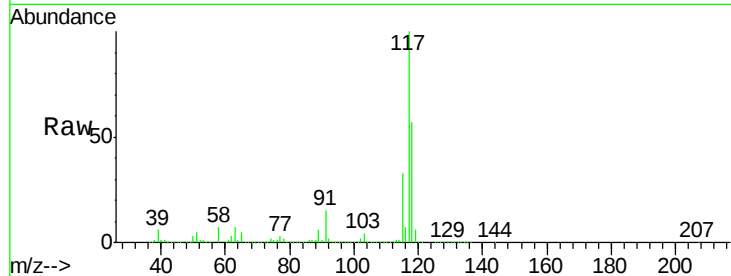




#89
n-Butylbenzene
Concen: 40.51 ug/l
RT: 12.30 min Scan# 1922
Delta R.T. -0.09 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

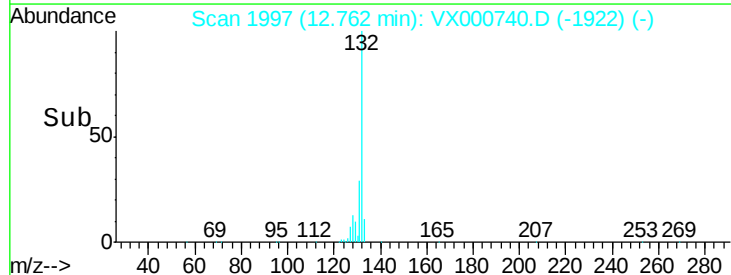
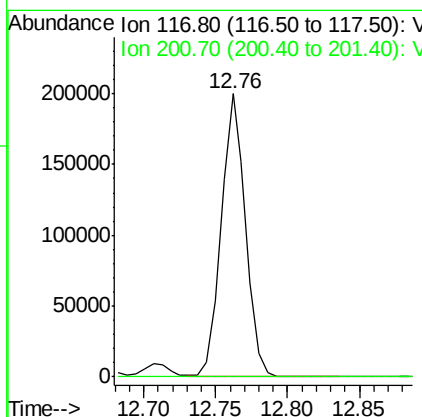
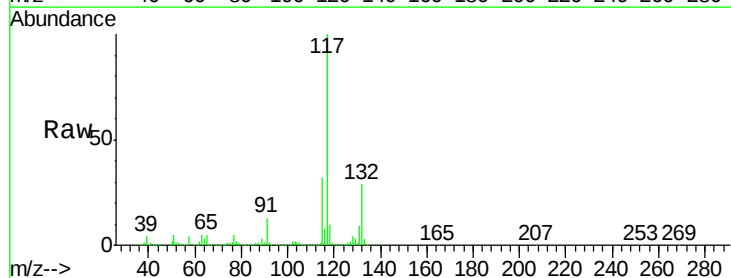
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

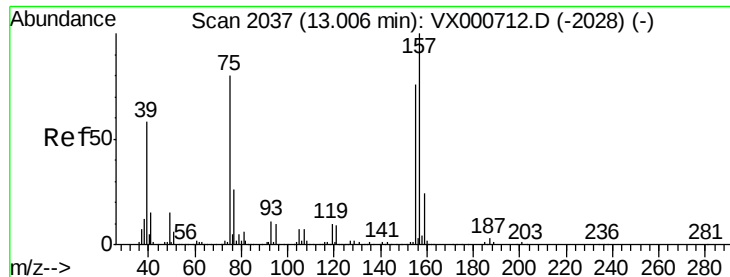
Tgt Ion: 91 Resp: 507889
Ion Ratio Lower Upper
91 100
92 10.0 26.7 80.0#
134 1.2 14.4 43.0#



#90
Hexachloroethane
Concen: 92.39 ug/l
RT: 12.76 min Scan# 1997
Delta R.T. 0.16 min
Lab File: VX000740.D
Acq: 08 Apr 2018 19:03

Tgt Ion: 117 Resp: 235460
Ion Ratio Lower Upper
117 100
201 0.0 51.2 153.6#

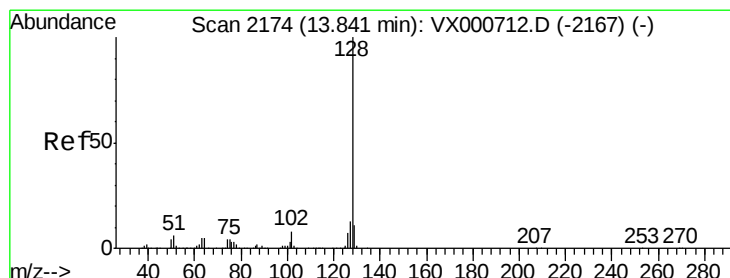
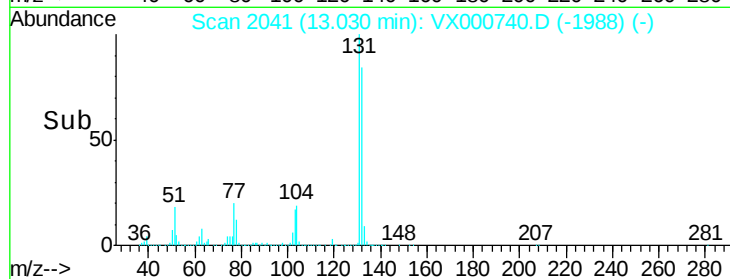
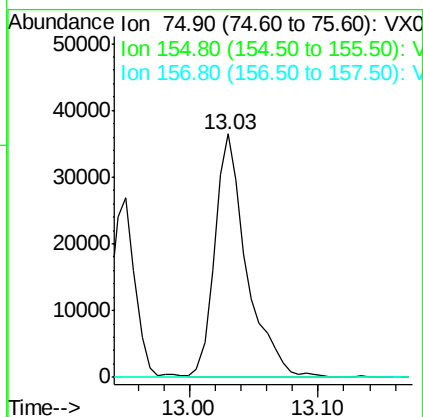
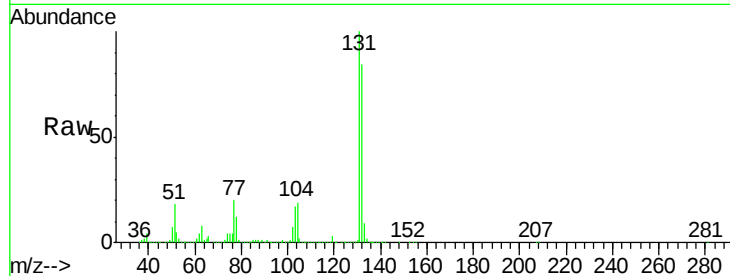




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.64 ug/l
 RT: 13.03 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Tgt Ion: 75 Resp: 62795
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.4 145.0#
 157 0.0 62.8 188.5#



#95
 Naphthalene
 Concen: 481.16 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000740.D
 Acq: 08 Apr 2018 19:03

Tgt Ion: 128 Resp: 8033348
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.4 15.6
 129 11.9 8.8 13.2

