

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001200.D
 Acq On : 28 Apr 2018 04:49
 Operator : JC/MD
 Sample : J2507-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

Quant Time: Apr 28 06:43:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	275044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144172	50.00	ug/l	0.00

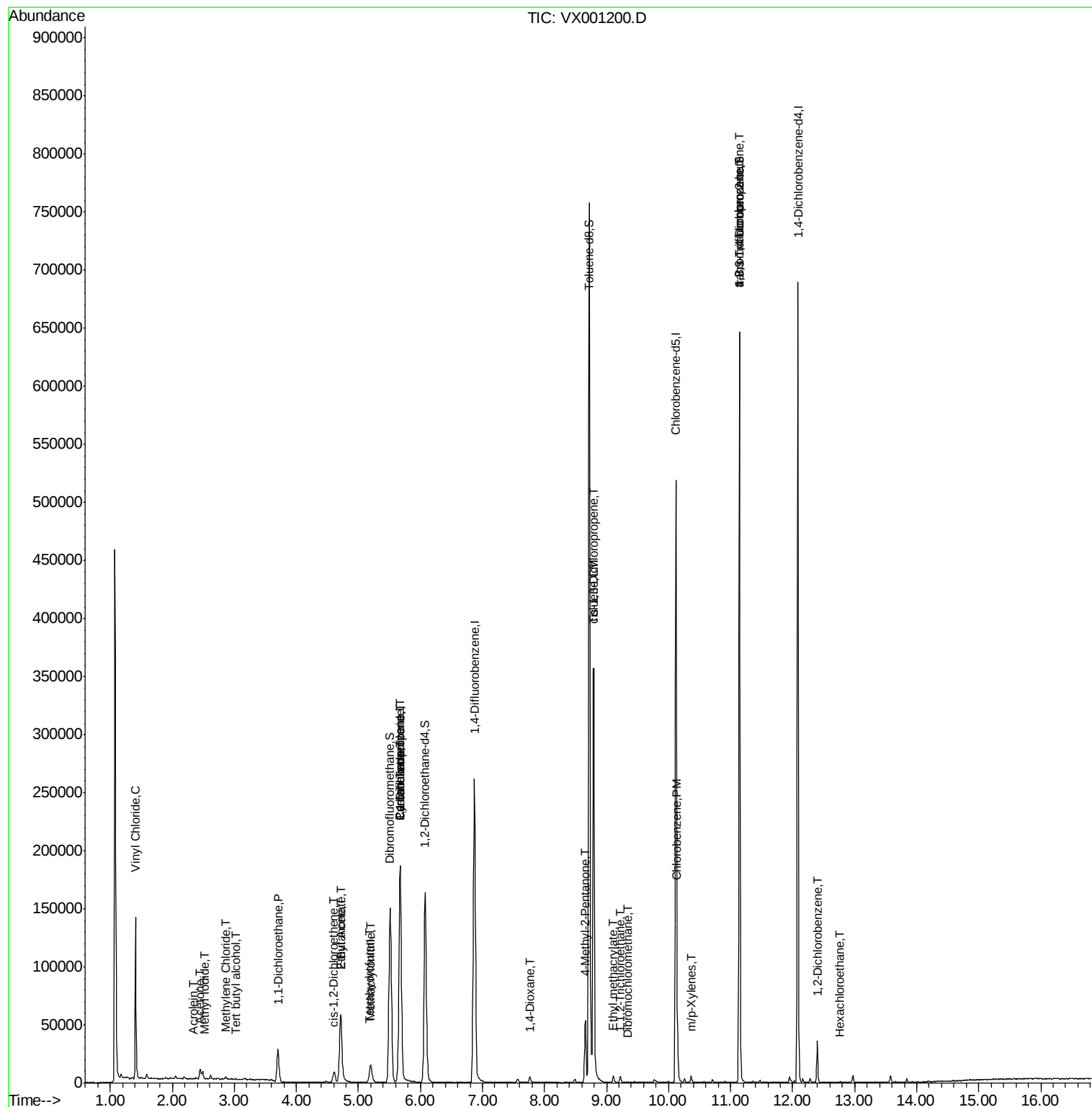
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155711	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
35) Dibromofluoromethane	5.51	113	121038	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	8.72	98	464549	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	11.14	95	157841	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	92895	40.269	ug/l	98
5) Bromomethane	1.66	94	327	Below Cal		81
10) Methyl Iodide	2.53	142	49	7.259	ug/l #	41
11) Tert butyl alcohol	3.03	59	239	0.395	ug/l #	72
13) Acrolein	2.33	56	68	0.297	ug/l #	1
16) Acetone	2.45	43	9047	7.169	ug/l	99
20) Methylene Chloride	2.86	84	651	0.277	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	29898	7.785	ug/l	98
25) 2-Butanone	4.71	43	106159	56.224	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	5794	2.391	ug/l	89
29) Tetrahydrofuran	5.18	42	1200	0.988	ug/l #	40
31) Cyclohexane	5.67	56	3704	1.135	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12371	4.082	ug/l #	49
37) Ethyl Acetate	4.71	43	106159	29.248	ug/l #	69
38) Carbon Tetrachloride	5.67	117	17485	5.626	ug/l #	17
41) Methacrylonitrile	5.19	41	4555	2.233	ug/l #	49
49) 1,4-Dioxane	7.76	88	3629	59.823	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	32780	8.754	ug/l	98
52) Toluene	8.79	92	137896	24.051	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	1606	3.597	ug/l #	1
55) 1,1,2-Trichloroethane	9.23	97	1276	0.526	ug/l #	87
56) Ethyl methacrylate	9.10	69	949	0.264	ug/l #	23
60) Dibromochloromethane	9.34	129	45	3.361	ug/l #	11
65) Chlorobenzene	10.14	112	10340	1.594	ug/l	99
68) m/p-Xylenes	10.37	106	1265	0.304	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	82595	28.134	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	82595	85.383	ug/l #	6
90) Hexachloroethane	12.76	117	296	3.575	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	11796	2.333	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

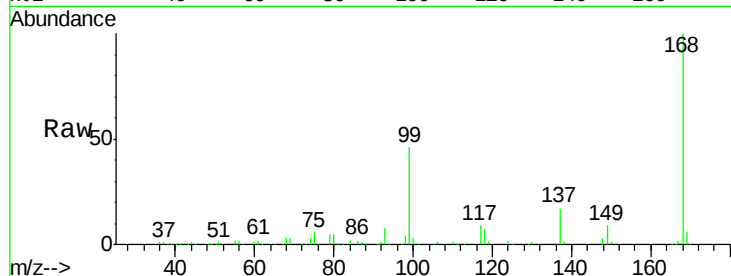
KY032MW006-180419

Tgt Ion:168 Resp: 197962

Ion Ratio Lower Upper

168 100

99 46.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

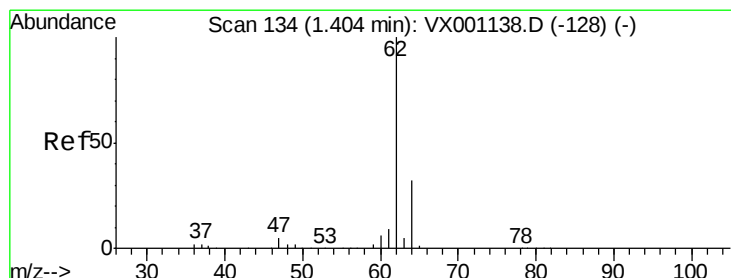
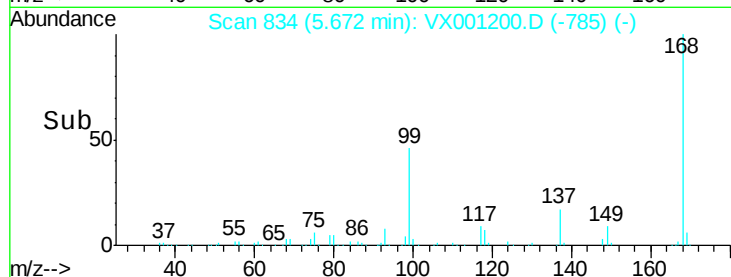
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 40.269 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001200.D

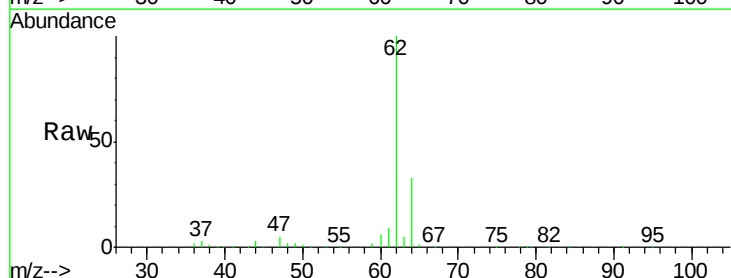
Acq: 28 Apr 2018 04:49

Tgt Ion: 62 Resp: 92895

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

60000

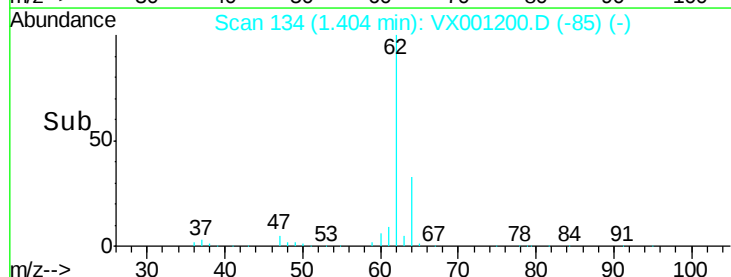
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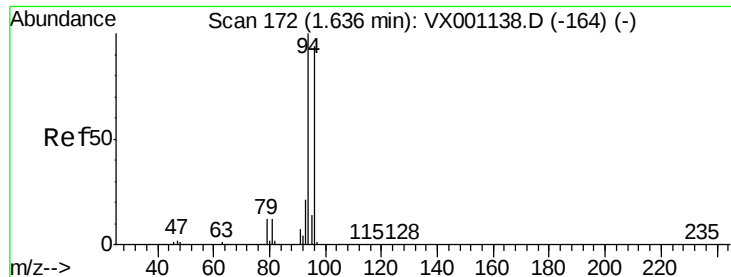
20000

0

1.35 1.40 1.45 1.50 1.55

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

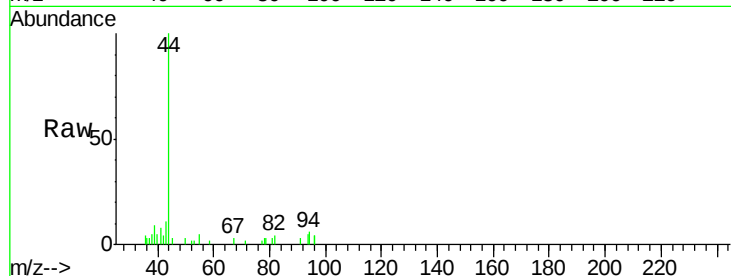
KY032MW006-180419

Tgt Ion: 94 Resp: 327

Ion Ratio Lower Upper

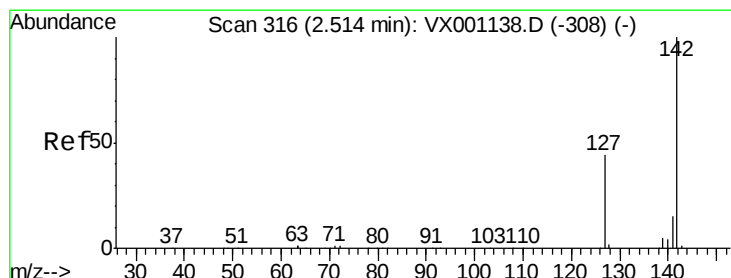
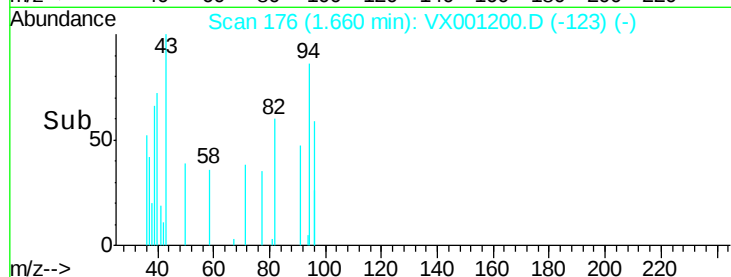
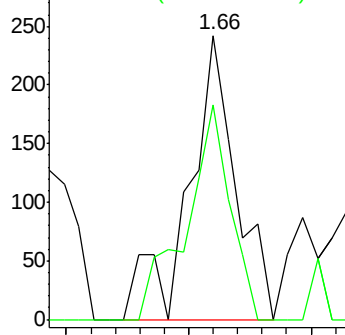
94 100

96 75.6 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 7.259 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

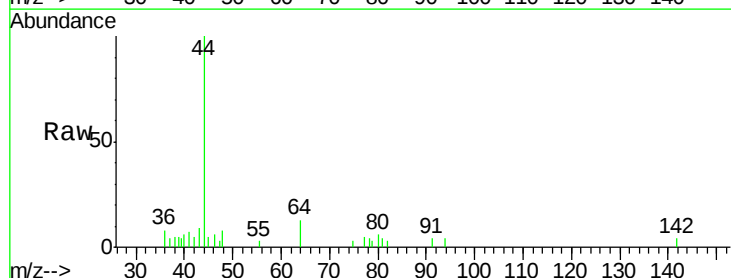
Tgt Ion: 142 Resp: 49

Ion Ratio Lower Upper

142 100

127 0.0 34.7 52.1#

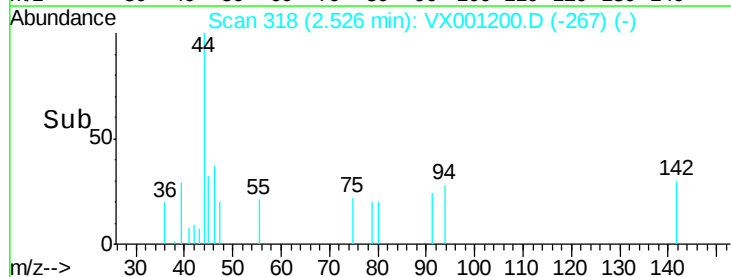
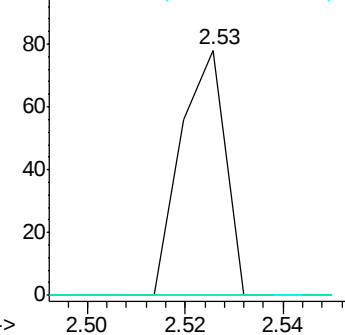
141 0.0 11.6 17.4#

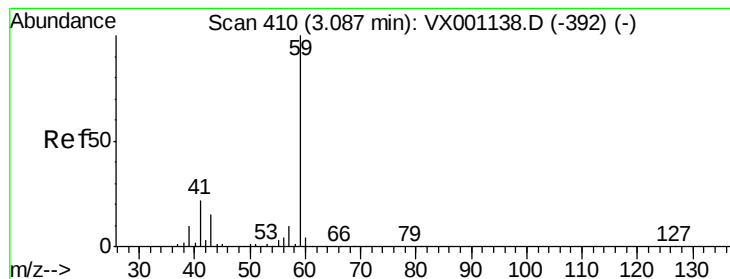


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.395 ug/l

RT: 3.03 min Scan# 401

Delta R.T. -0.06 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

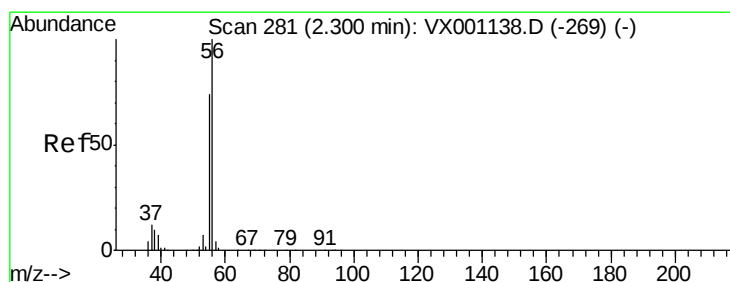
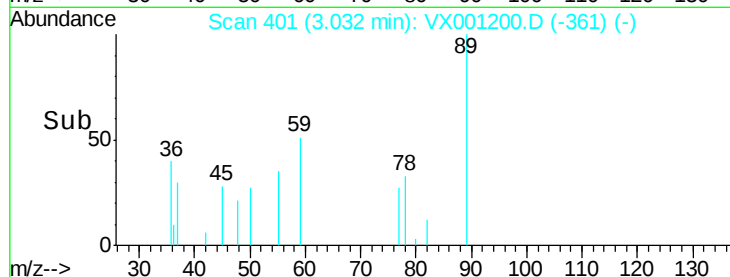
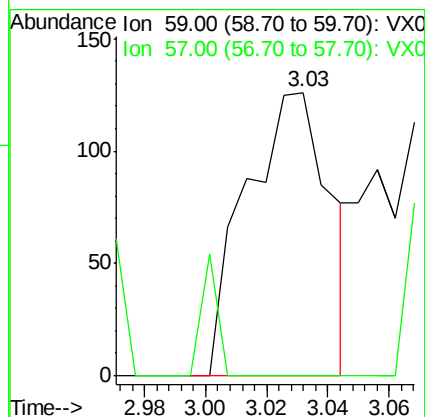
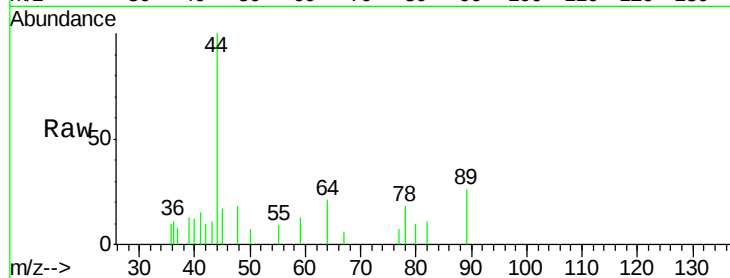
KY032MW006-180419

Tgt Ion: 59 Resp: 239

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.297 ug/l

RT: 2.33 min Scan# 286

Delta R.T. 0.03 min

Lab File: VX001200.D

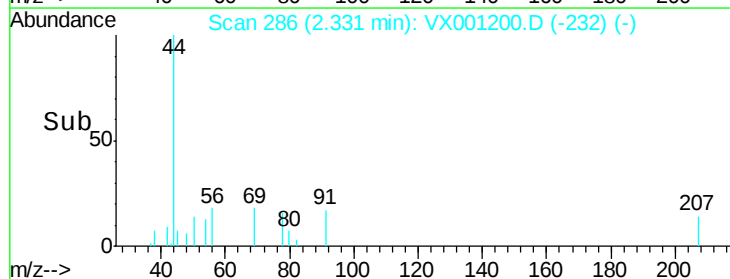
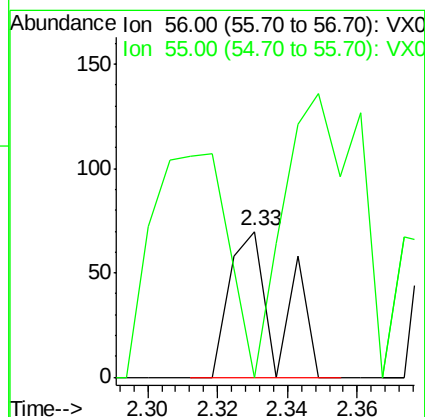
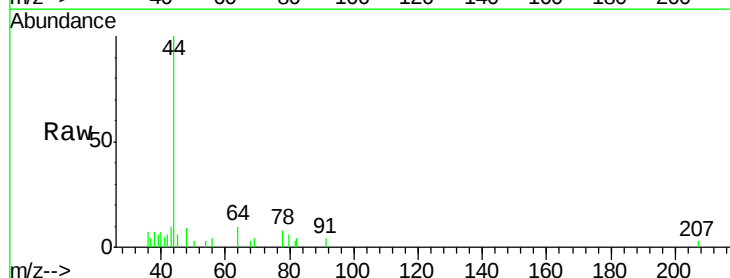
Acq: 28 Apr 2018 04:49

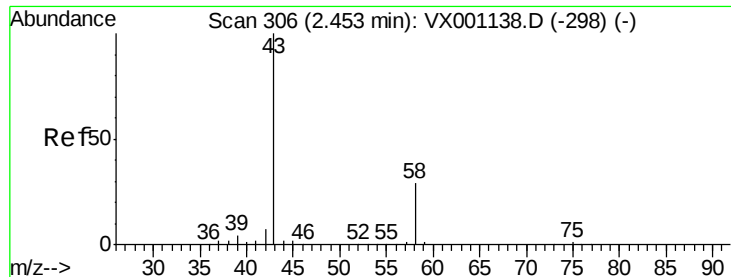
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 236.8 57.2 85.8#





#16

Acetone

Concen: 7.169 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

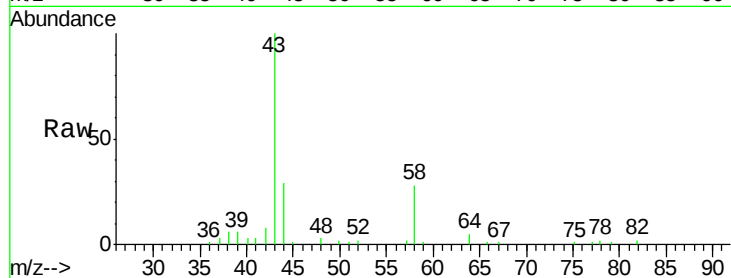
KY032MW006-180419

Tgt Ion: 43 Resp: 9047

Ion Ratio Lower Upper

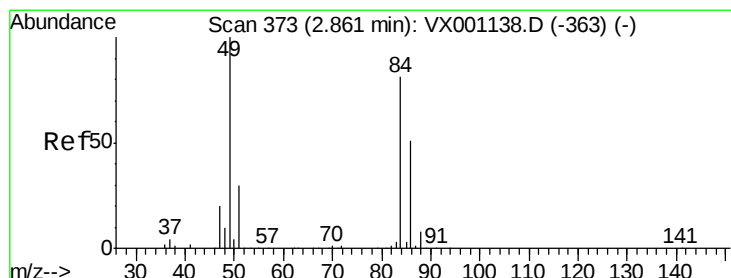
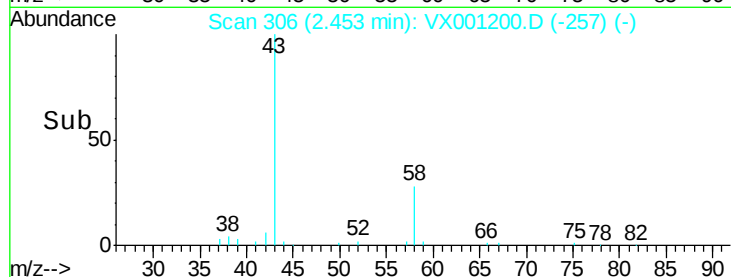
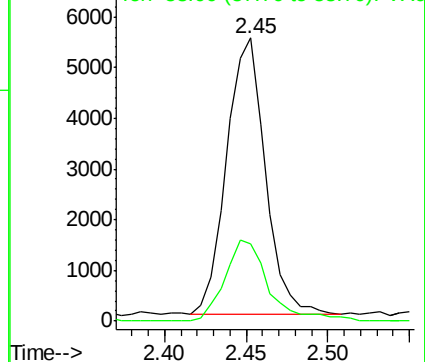
43 100

58 28.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.277 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Tgt Ion: 84 Resp: 651

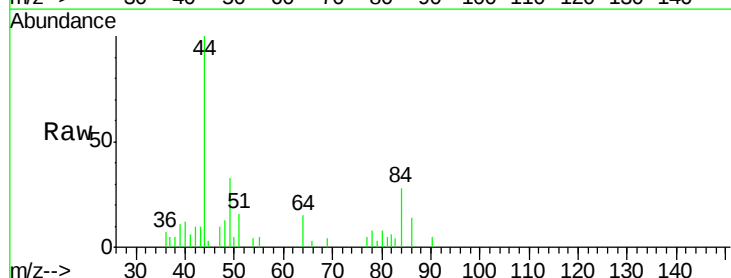
Ion Ratio Lower Upper

84 100

49 119.1 99.2 148.8

51 56.2 29.5 44.3#

86 52.0 50.2 75.2

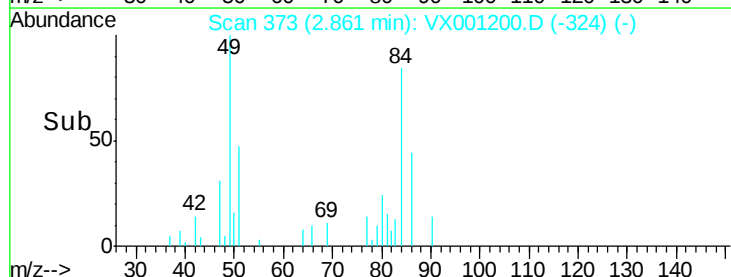
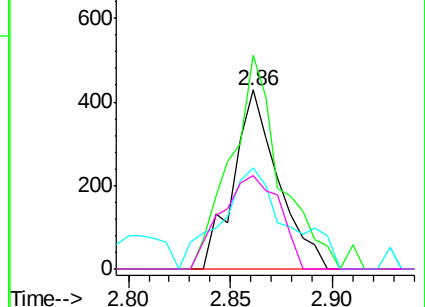


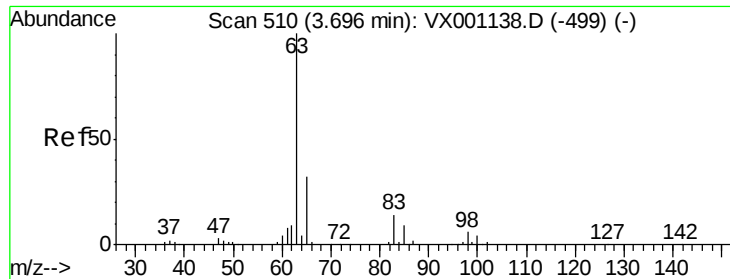
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#24

1,1-Dichloroethane

Concen: 7.785 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

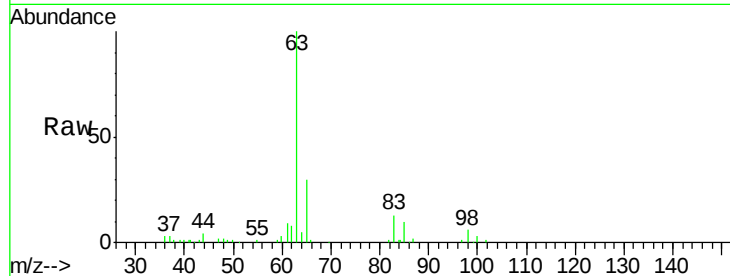
Tgt Ion: 63 Resp: 29898

Ion Ratio Lower Upper

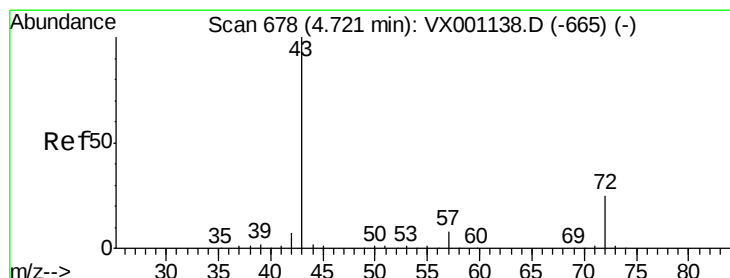
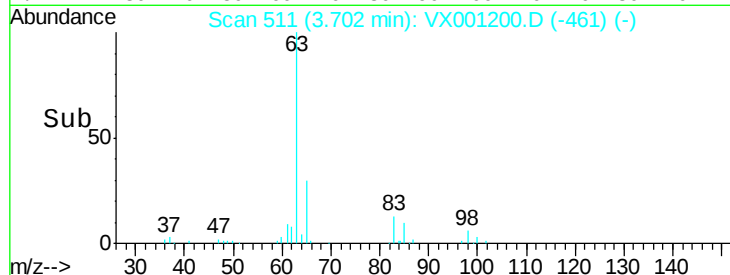
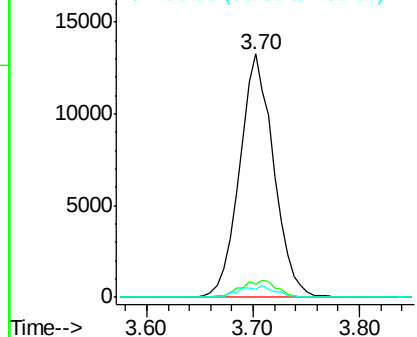
63 100

98 5.7 3.1 9.4

100 3.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 56.224 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001200.D

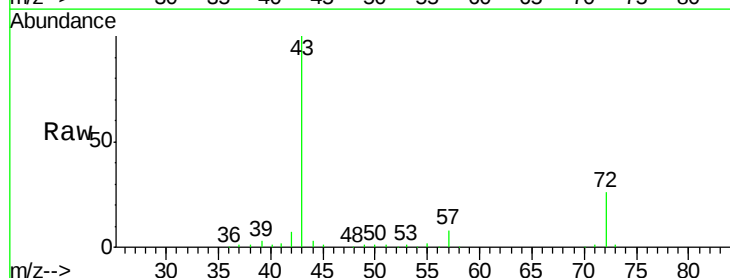
Acq: 28 Apr 2018 04:49

Tgt Ion: 43 Resp: 106159

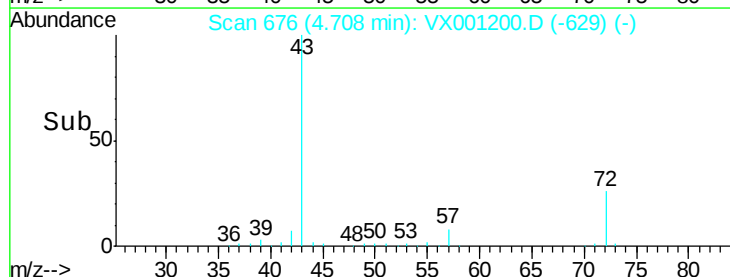
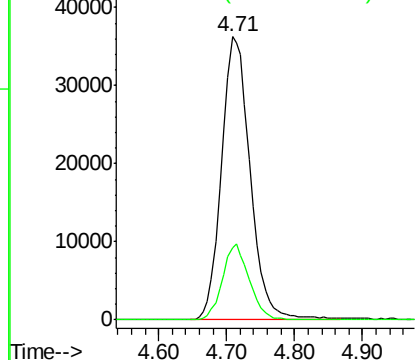
Ion Ratio Lower Upper

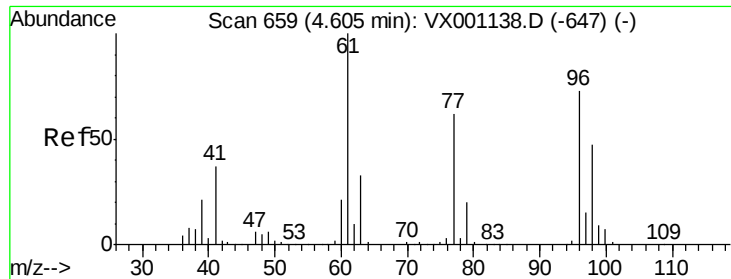
43 100

72 25.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



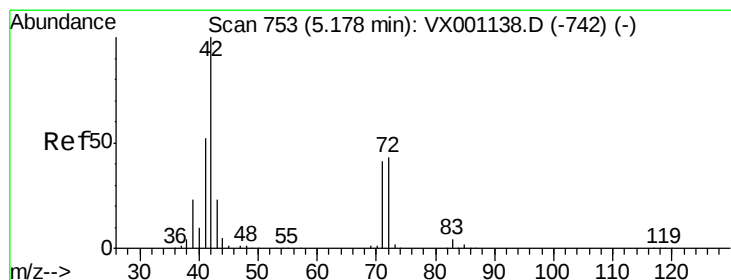
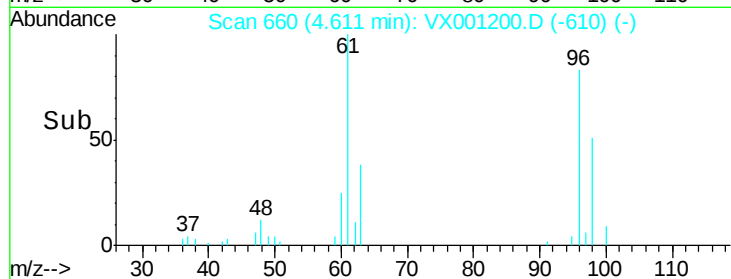
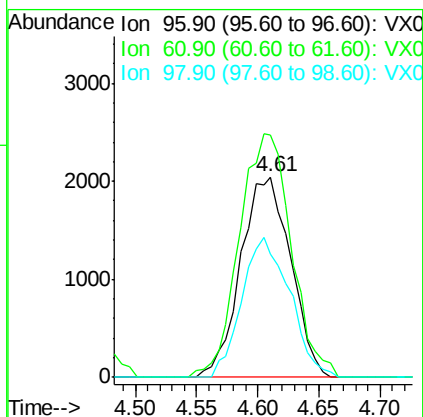
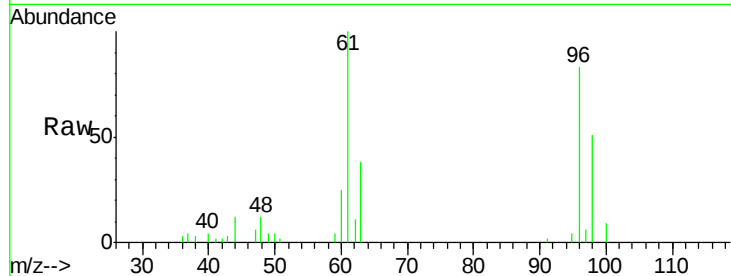


#27

cis-1,2-Dichloroethene
 Concen: 2.391 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX001200.D
 Acq: 28 Apr 2018 04:49

Instrument :
 MSVOA_X
 ClientSampleId :
 KY032MW006-180419

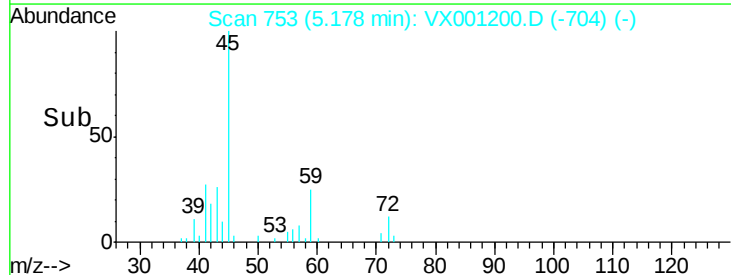
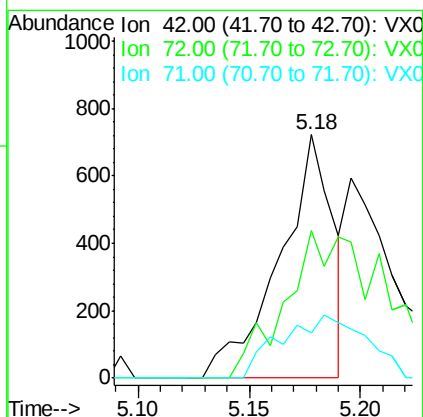
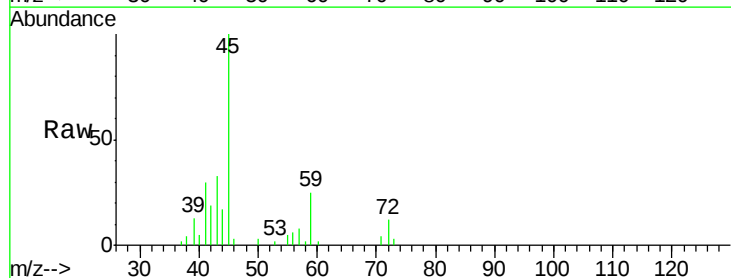
Tgt Ion: 96 Resp: 5794
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 289.0
 98 67.1 0.0 128.2

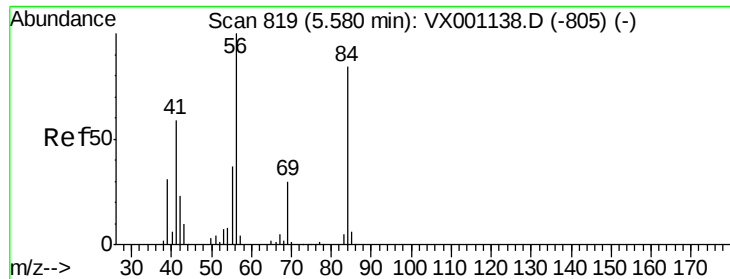


#29

Tetrahydrofuran
 Concen: 0.988 ug/l
 RT: 5.18 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: VX001200.D
 Acq: 28 Apr 2018 04:49

Tgt Ion: 42 Resp: 1200
 Ion Ratio Lower Upper
 42 100
 72 115.5 34.4 51.6#
 71 41.4 32.1 48.1

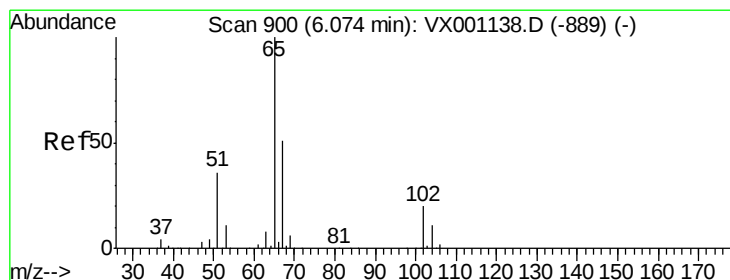
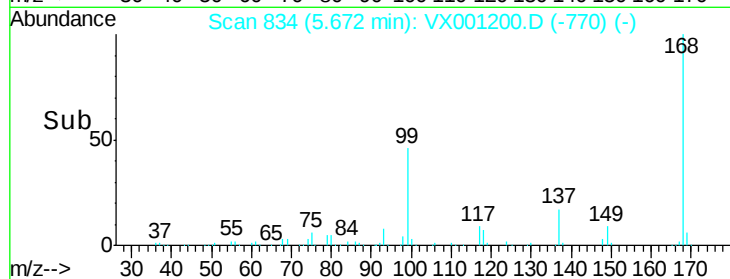
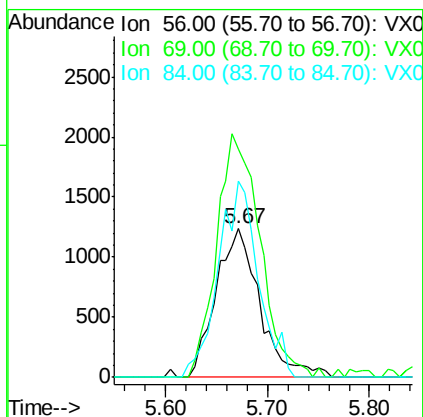
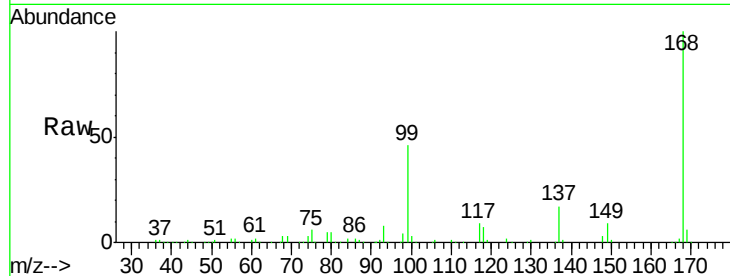




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

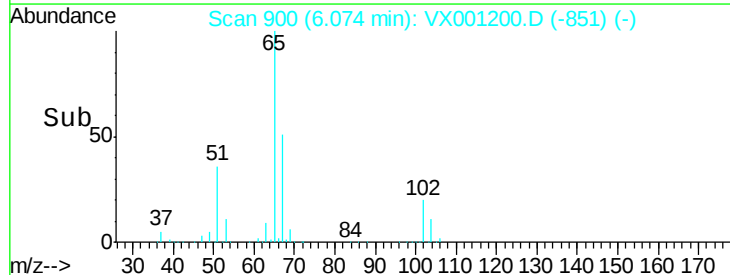
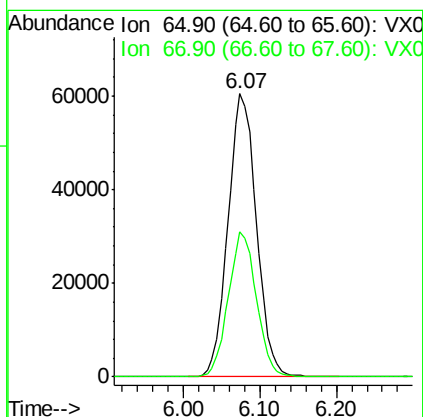
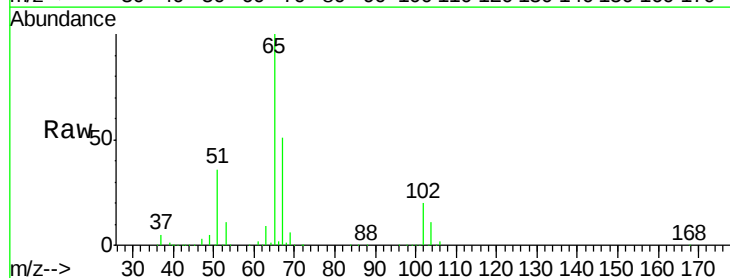
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

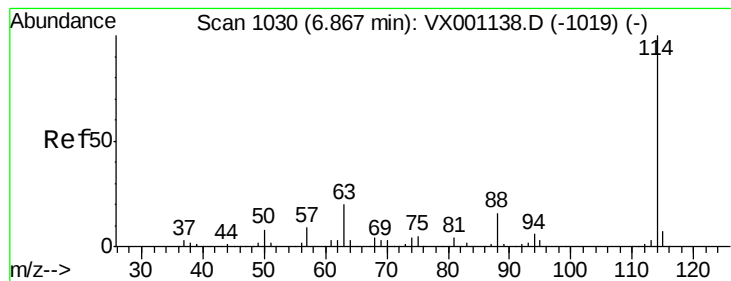
Tgt Ion: 56 Resp: 3704
Ion Ratio Lower Upper
56 100
69 153.6 24.2 36.2#
84 132.2 67.5 101.3#



#33
1,2-Dichloroethane-d4
Concen: 50.743 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

Tgt Ion: 65 Resp: 155711
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

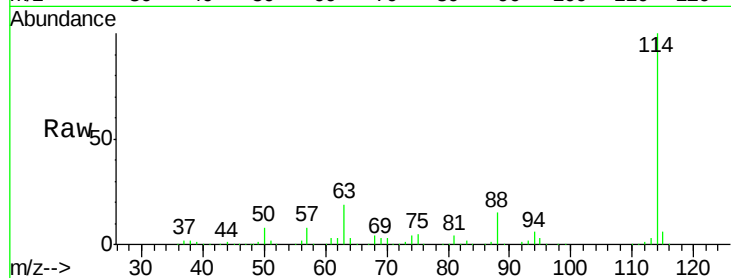
Tgt Ion:114 Resp: 275044

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

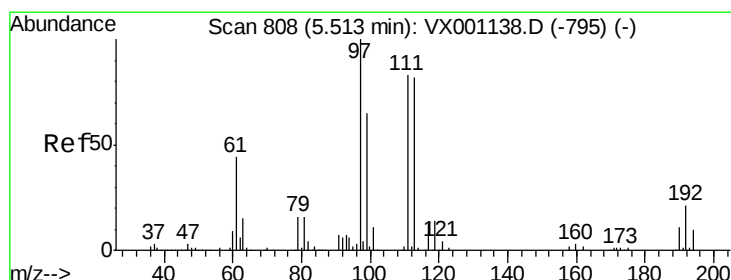
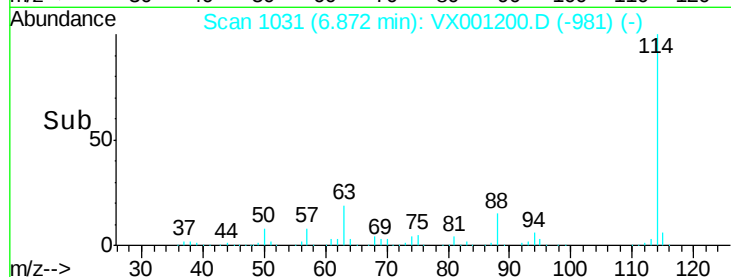
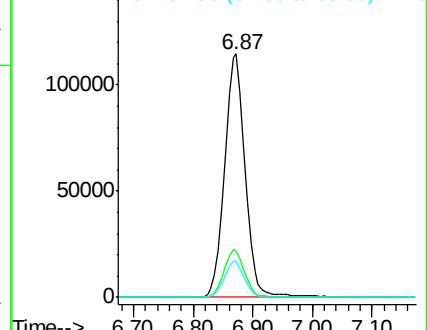
88 15.0 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.168 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

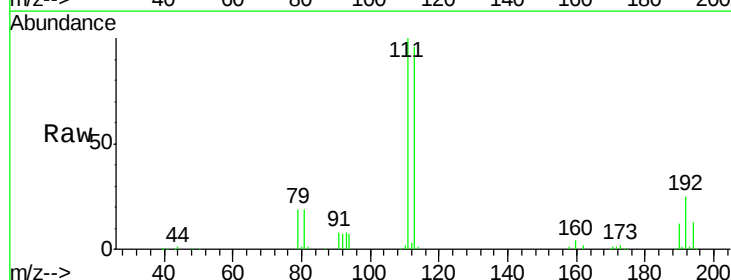
Tgt Ion:113 Resp: 121038

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

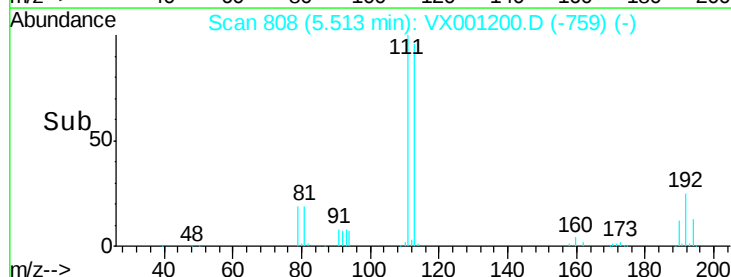
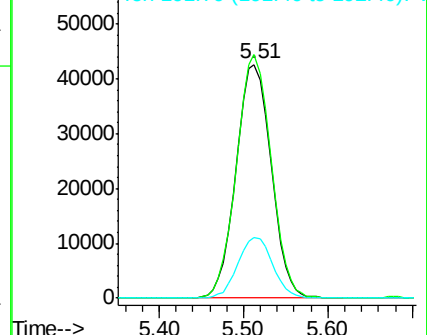
192 25.8 20.6 30.8

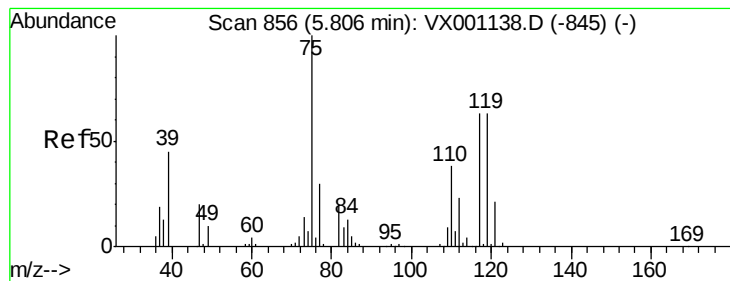


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.082 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

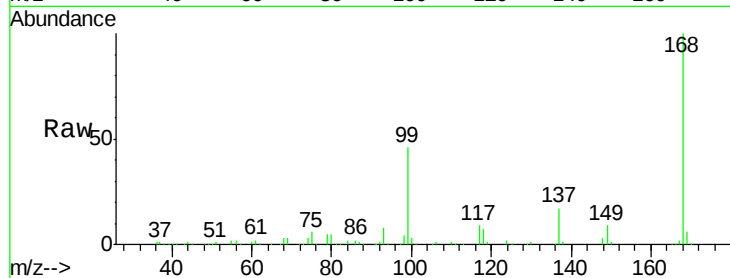
Tgt Ion: 75 Resp: 12371

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

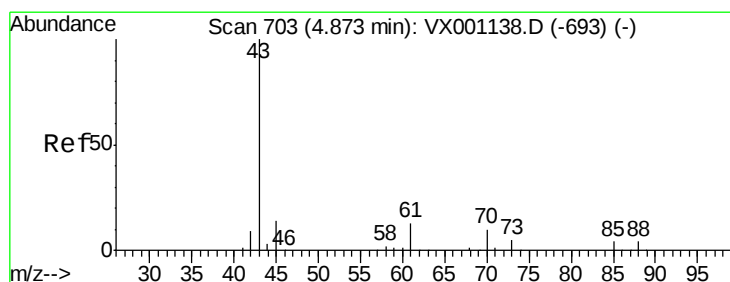
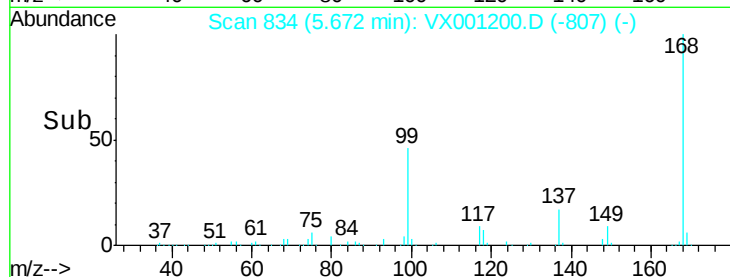
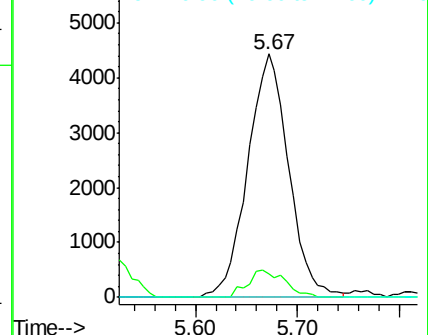
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 29.248 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.16 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

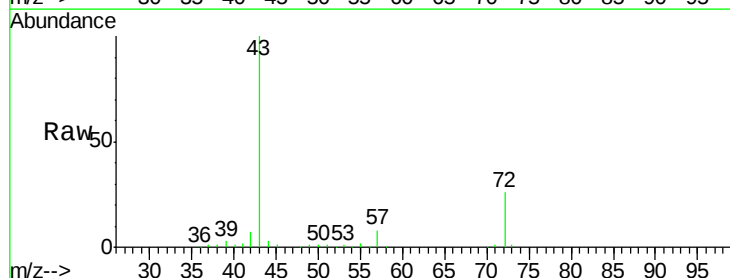
Tgt Ion: 43 Resp: 106159

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

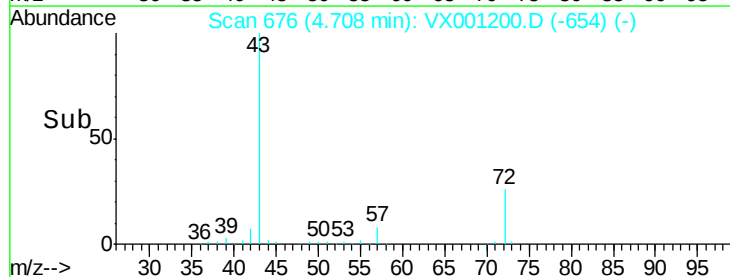
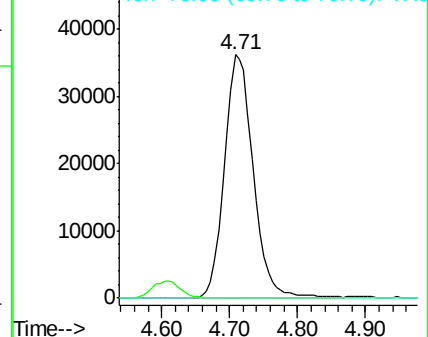
70 0.1 8.2 12.2#

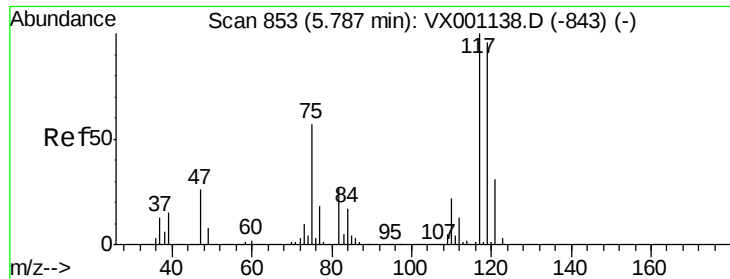


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.626 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

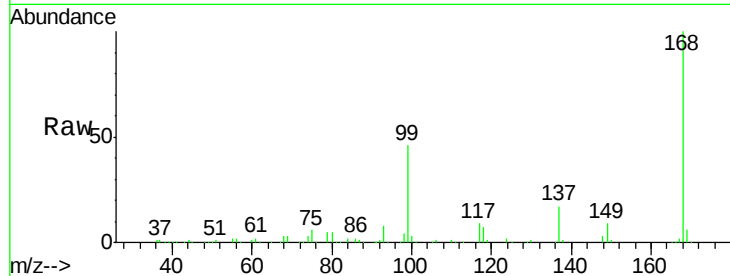
Tgt Ion:117 Resp: 17485

Ion Ratio Lower Upper

117 100

119 5.8 76.5 114.7#

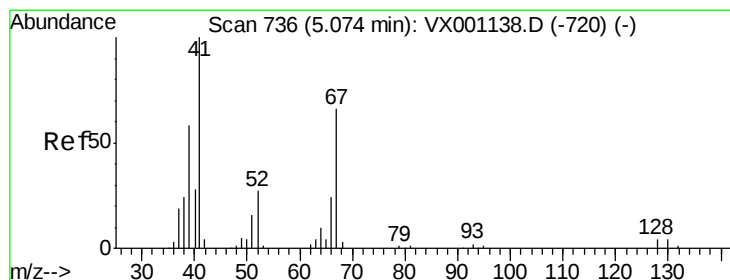
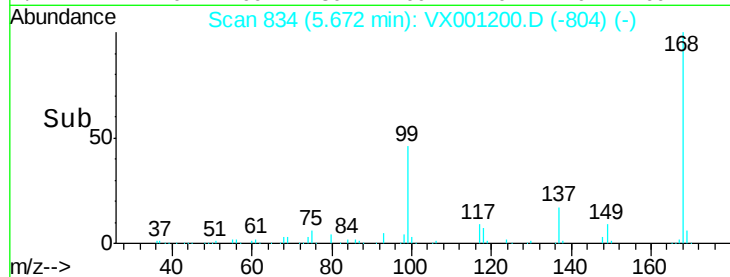
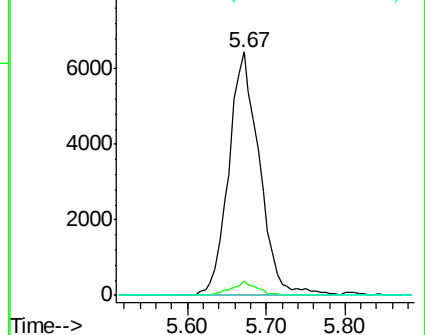
121 0.0 24.6 37.0#



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



#41

Methacrylonitrile

Concen: 2.233 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.12 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Tgt Ion: 41 Resp: 4555

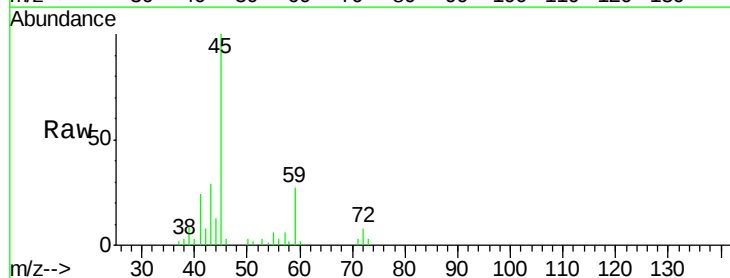
Ion Ratio Lower Upper

41 100

39 49.1 45.9 68.9

67 0.0 53.2 79.8#

52 0.6 23.1 34.7#

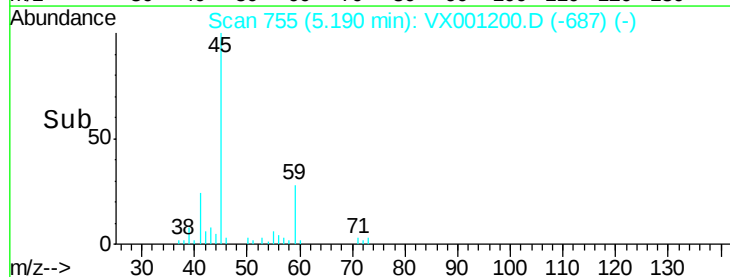
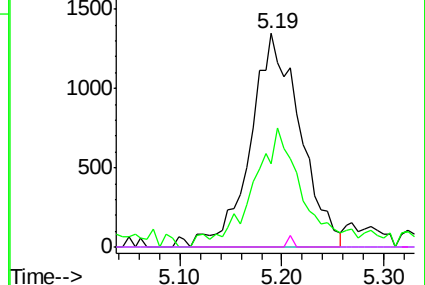


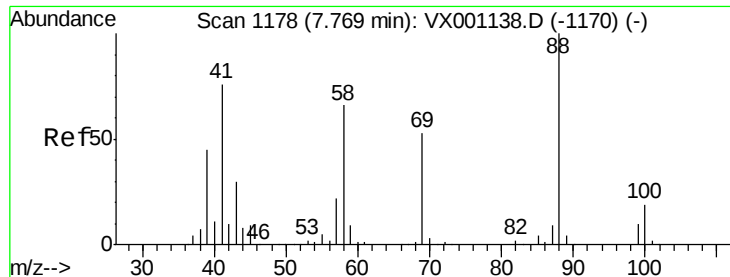
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

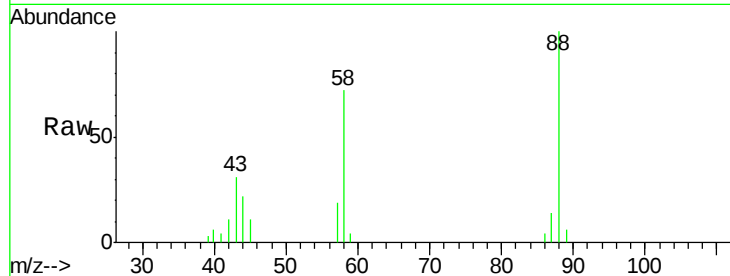




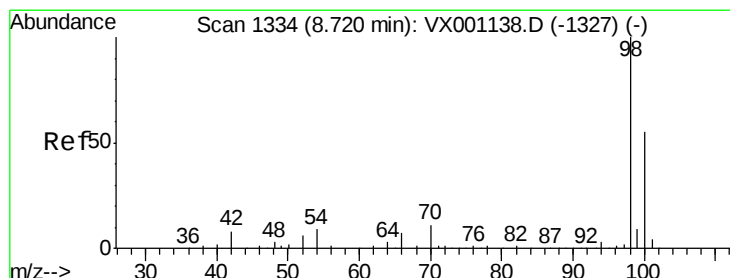
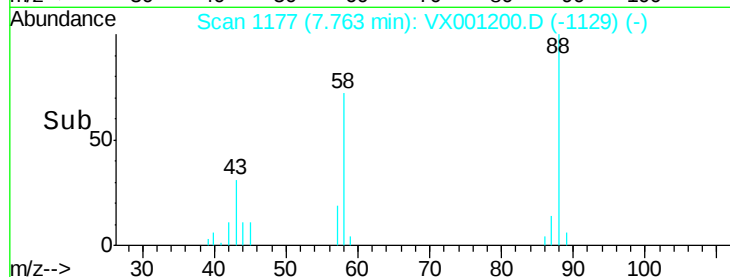
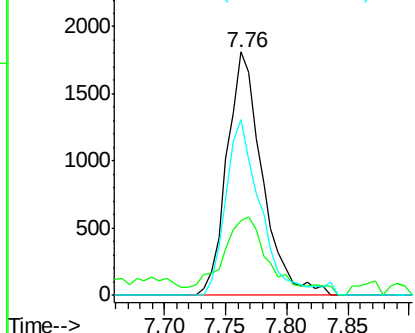
#49
1,4-Dioxane
Concen: 59.823 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

Tgt Ion: 88 Resp: 3629
Ion Ratio Lower Upper
88 100
43 32.8 27.3 40.9
58 69.8 54.2 81.4

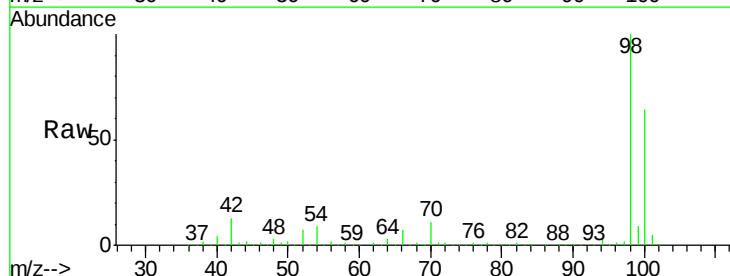


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

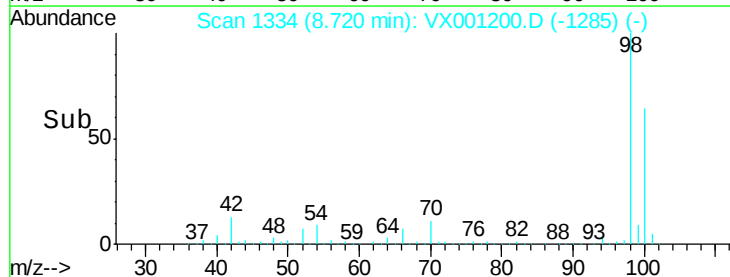
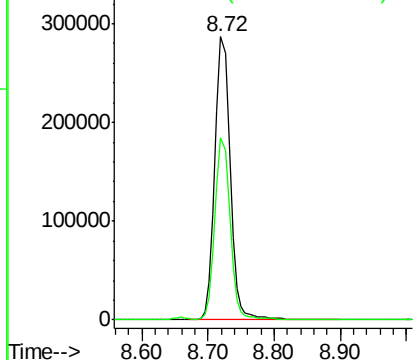


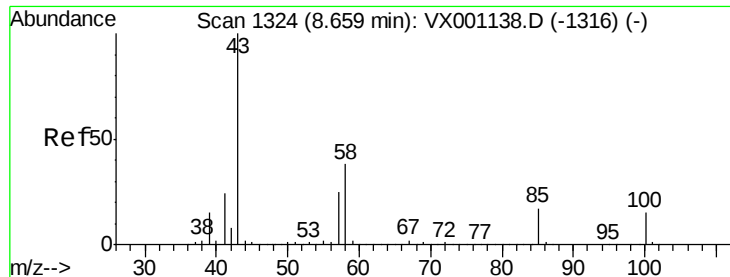
#50
Toluene-d8
Concen: 54.072 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

Tgt Ion: 98 Resp: 464549
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



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





#51

4-Methyl-2-Pentanone

Concen: 8.754 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

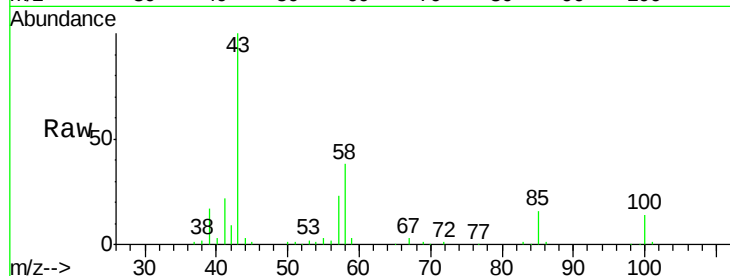
KY032MW006-180419

Tgt Ion: 43 Resp: 32780

Ion Ratio Lower Upper

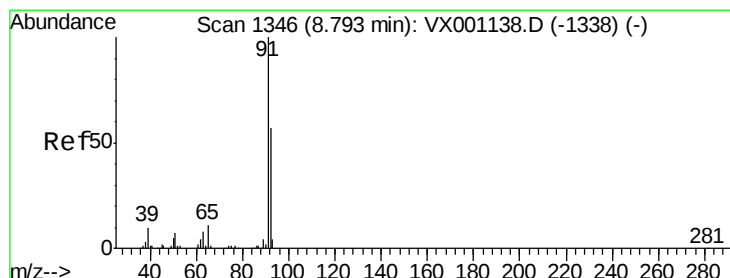
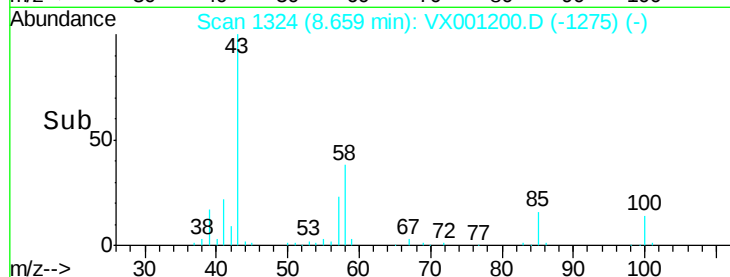
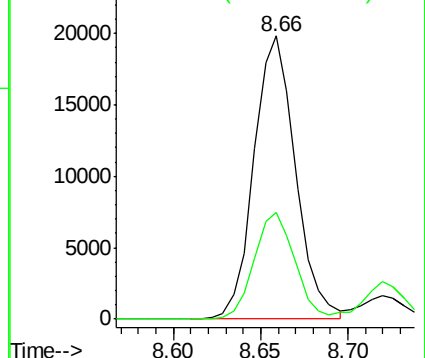
43 100

58 36.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 24.051 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001200.D

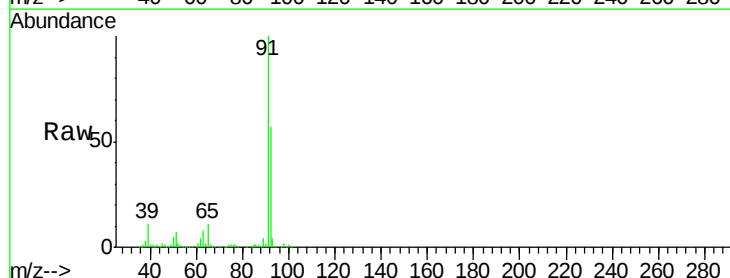
Acq: 28 Apr 2018 04:49

Tgt Ion: 92 Resp: 137896

Ion Ratio Lower Upper

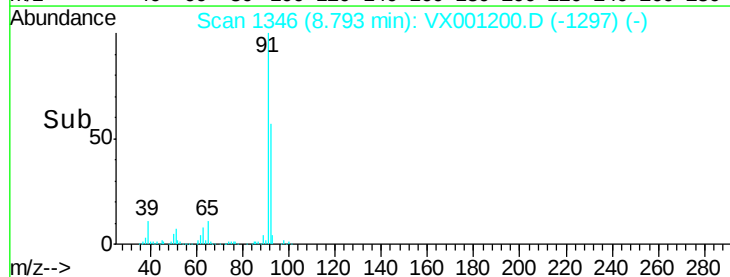
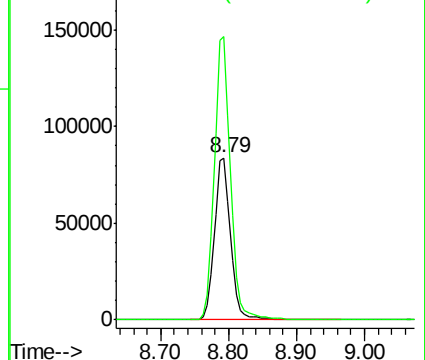
92 100

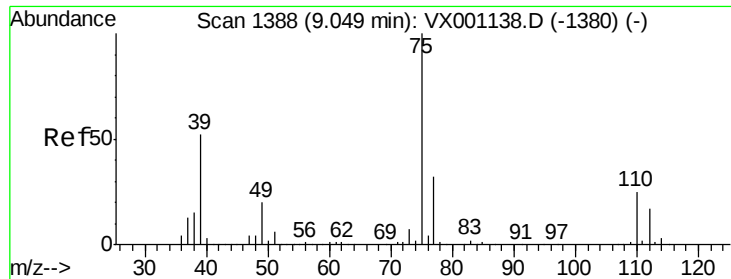
91 175.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#54

cis-1,3-Dichloropropene

Concen: 3.597 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.26 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

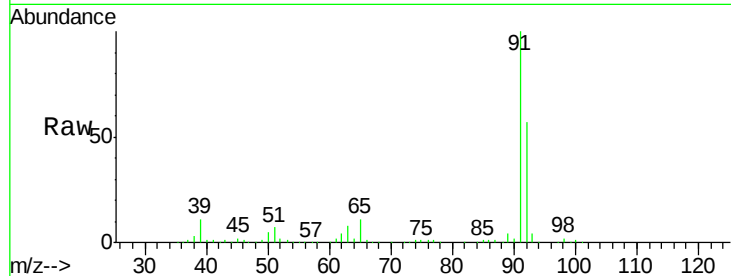
Tgt Ion: 75 Resp: 1606

Ion Ratio Lower Upper

75 100

77 156.5 25.4 38.2#

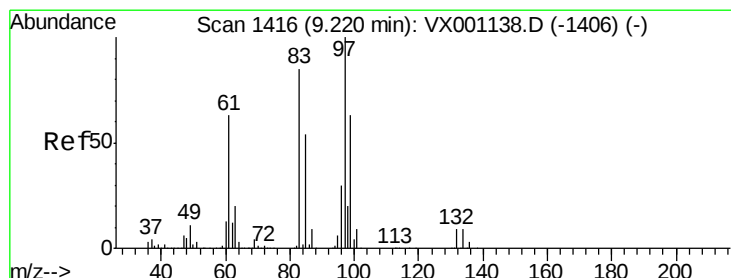
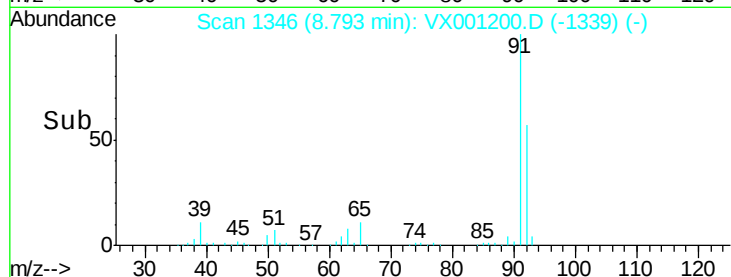
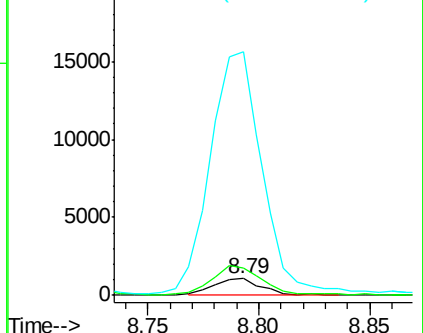
39 1405.5 42.0 63.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.526 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Tgt Ion: 97 Resp: 1276

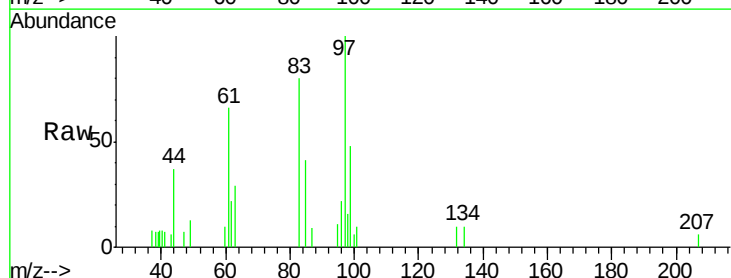
Ion Ratio Lower Upper

97 100

83 79.5 68.0 102.0

85 40.6 42.9 64.3#

99 47.8 50.3 75.5#

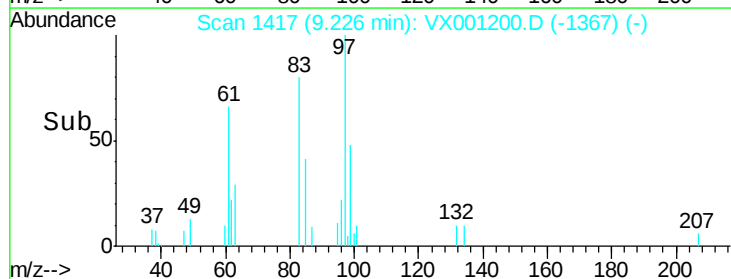
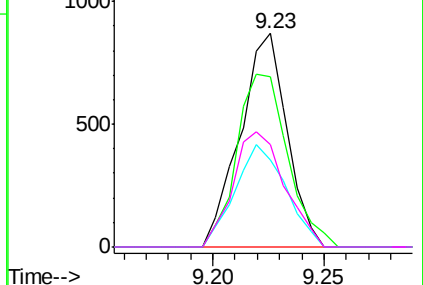


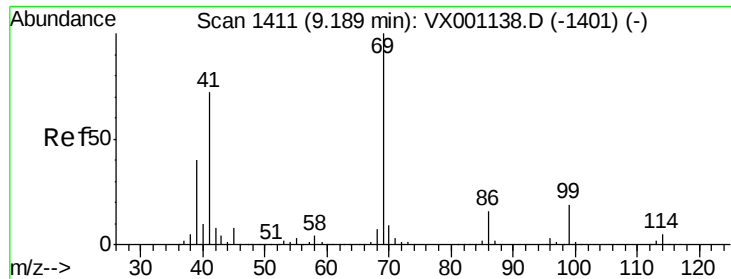
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.264 ug/l

RT: 9.10 min Scan# 1397

Delta R.T. -0.09 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

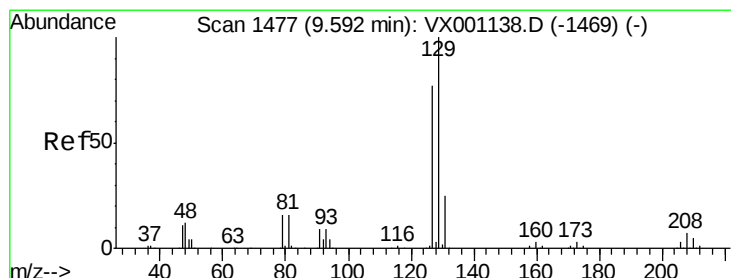
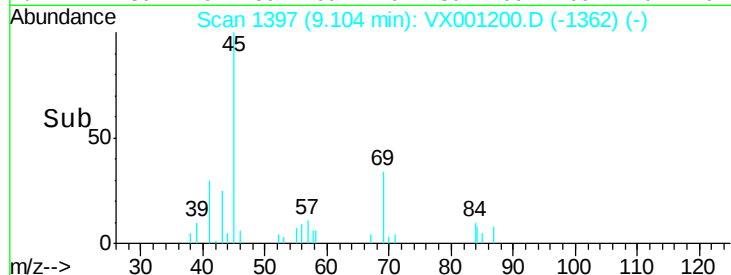
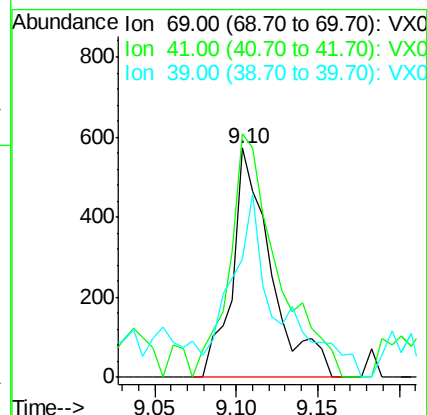
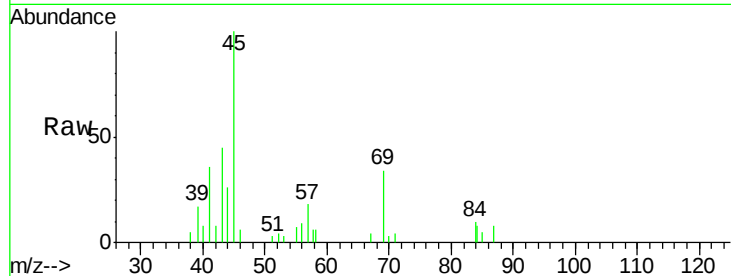
Tgt Ion: 69 Resp: 949

Ion Ratio Lower Upper

69 100

41 131.7 57.7 86.5#

39 95.3 33.3 49.9#



#60

Dibromochloromethane

Concen: 3.361 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001200.D

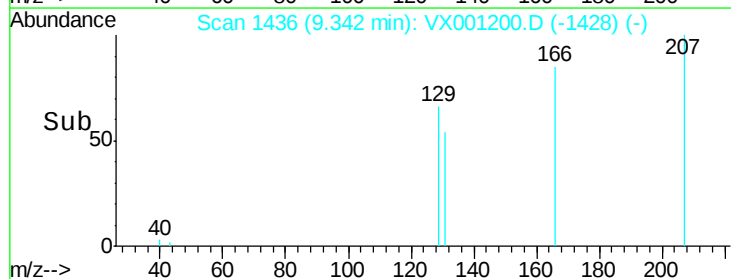
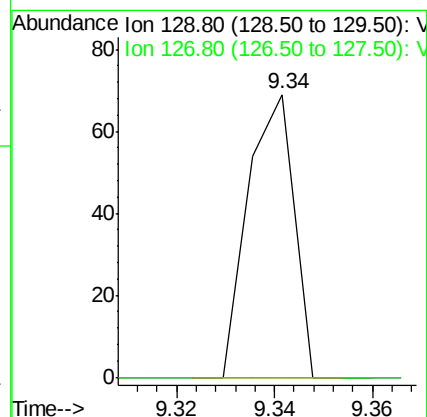
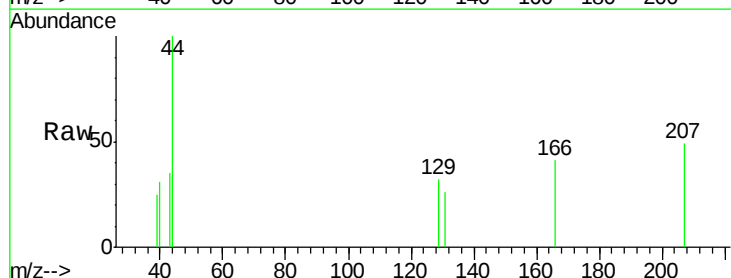
Acq: 28 Apr 2018 04:49

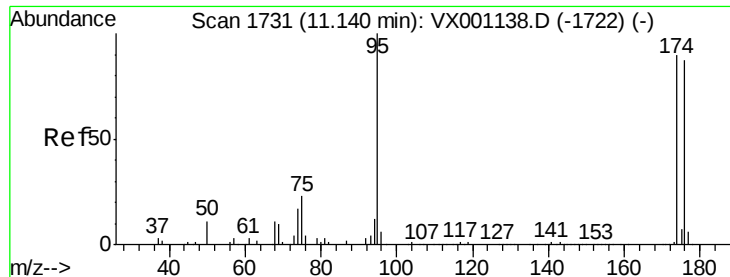
Tgt Ion: 129 Resp: 45

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

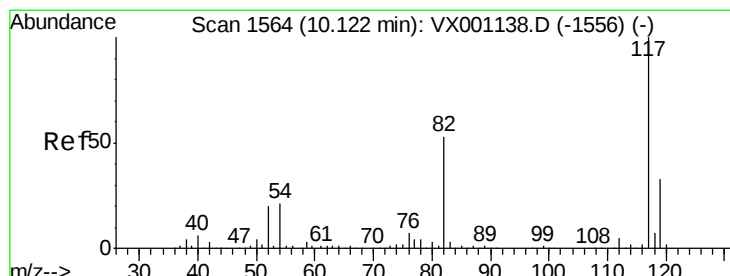
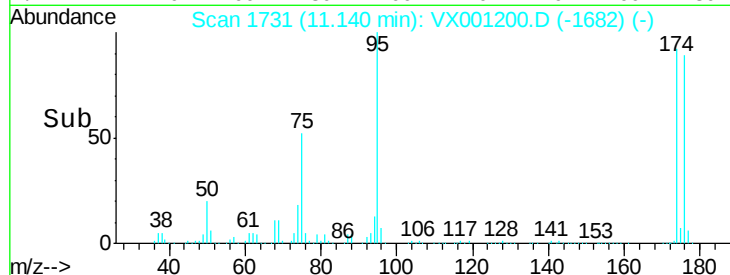
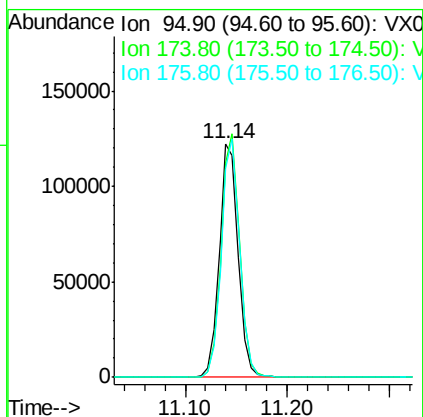
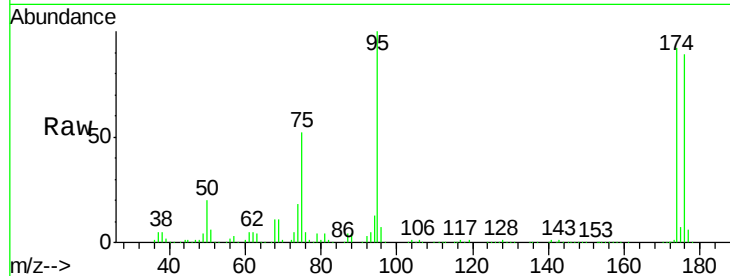




#62
4-Bromofluorobenzene
Concen: 47.030 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

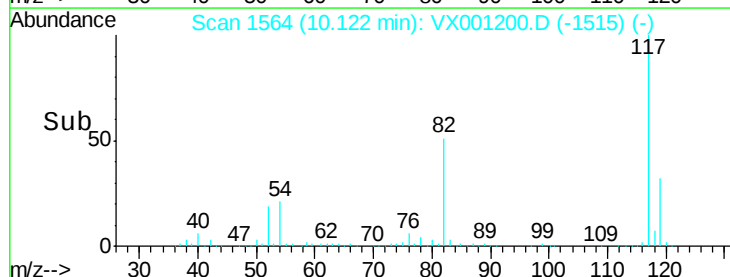
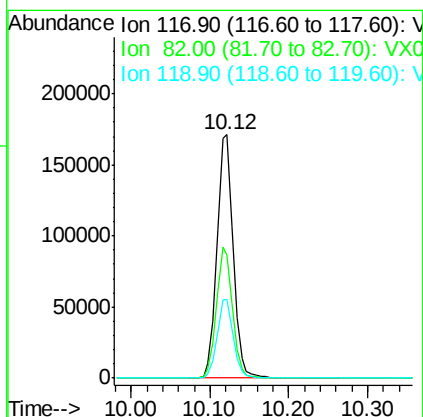
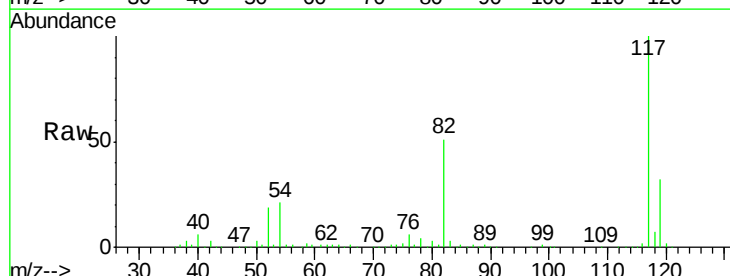
Instrument :
MSVOA_X
ClientSampleId :
KY032MW006-180419

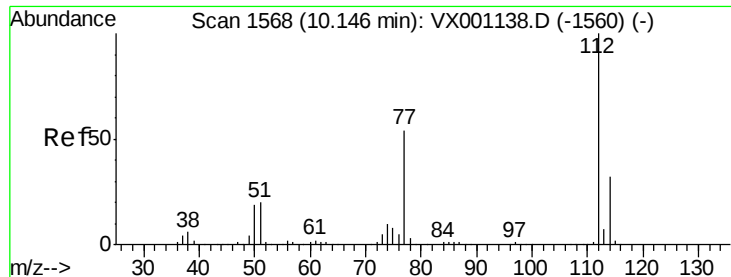
Tgt Ion: 95 Resp: 157841
Ion Ratio Lower Upper
95 100
174 102.2 0.0 194.4
176 99.5 0.0 190.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001200.D
Acq: 28 Apr 2018 04:49

Tgt Ion: 117 Resp: 247583
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 32.0 26.1 39.1





#65

Chlorobenzene

Concen: 1.594 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

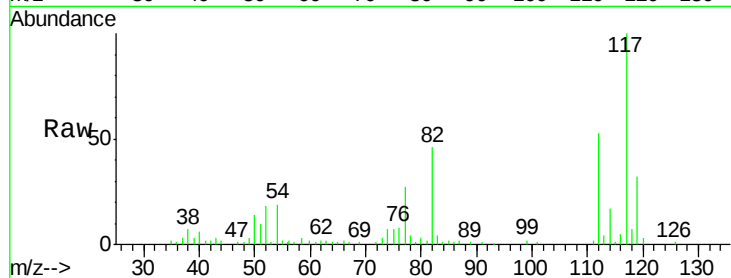
KY032MW006-180419

Tgt Ion:112 Resp: 10340

Ion Ratio Lower Upper

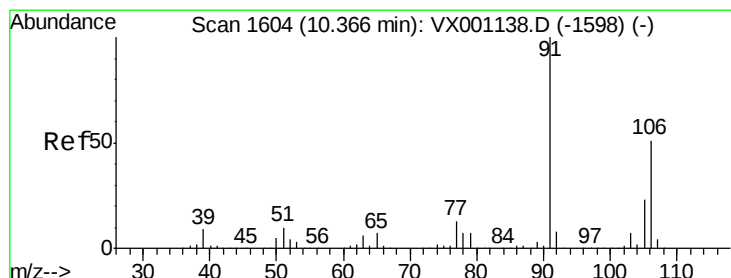
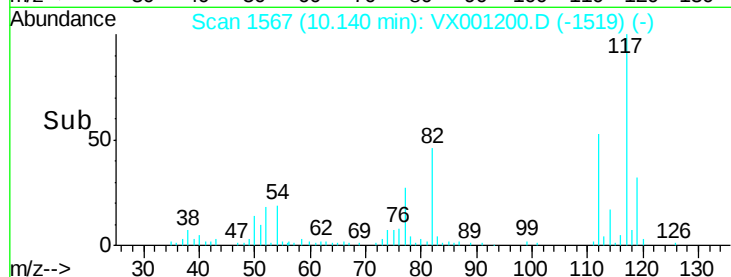
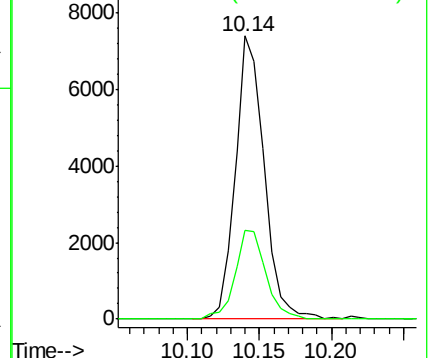
112 100

114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.304 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001200.D

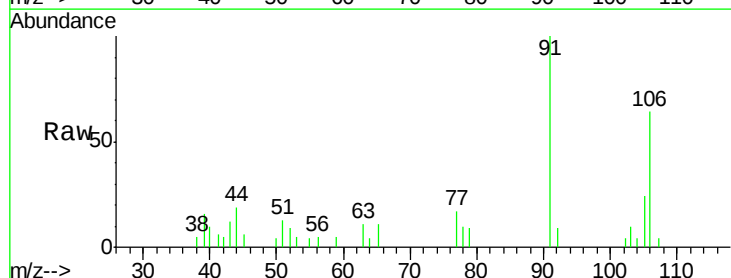
Acq: 28 Apr 2018 04:49

Tgt Ion:106 Resp: 1265

Ion Ratio Lower Upper

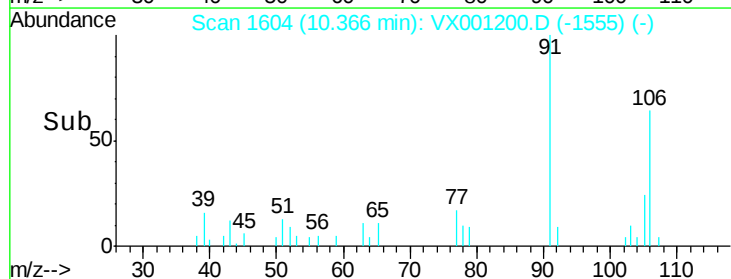
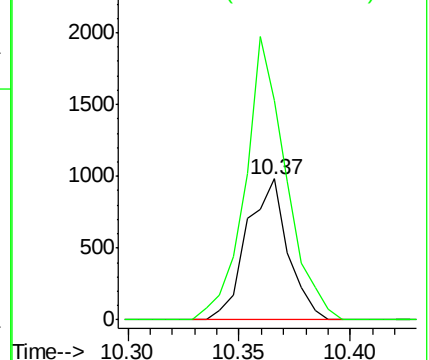
106 100

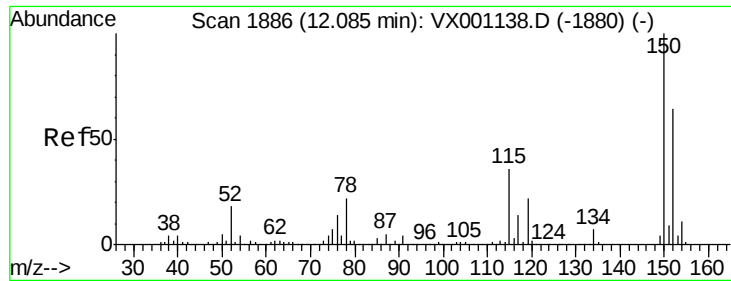
91 199.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

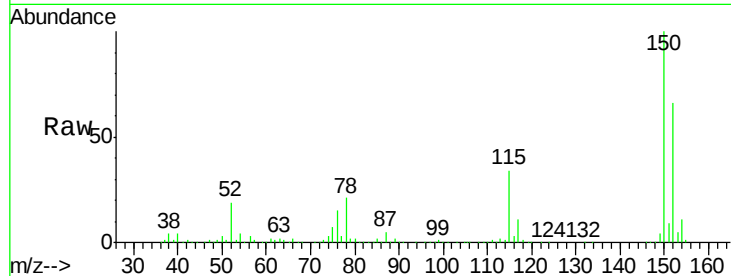
Tgt Ion:152 Resp: 144172

Ion Ratio Lower Upper

152 100

115 52.7 38.0 114.0

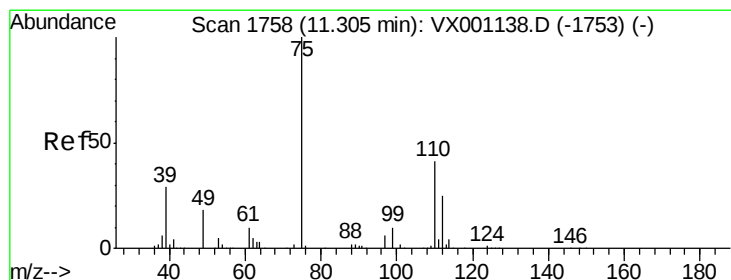
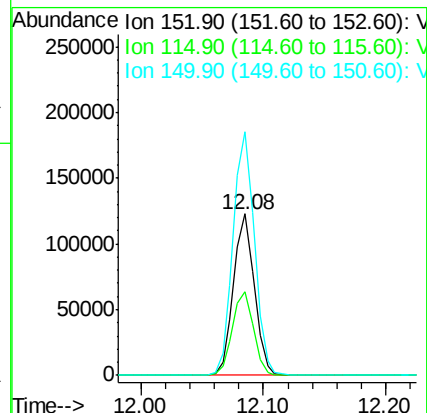
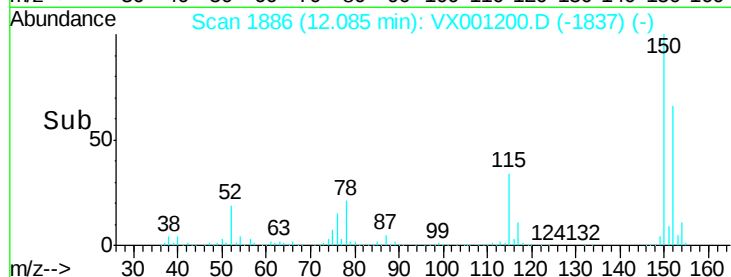
150 155.0 0.0 349.6



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: 28.134 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001200.D

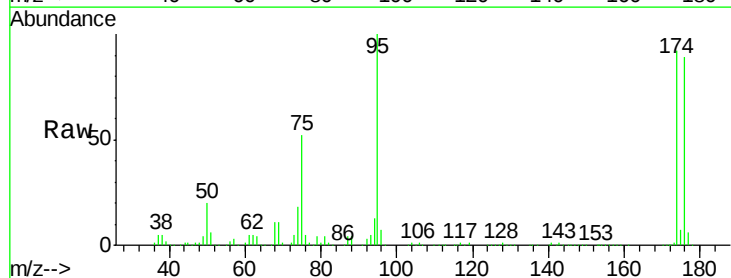
Acq: 28 Apr 2018 04:49

Tgt Ion: 75 Resp: 82595

Ion Ratio Lower Upper

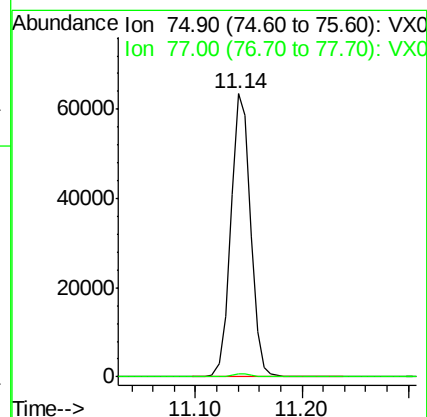
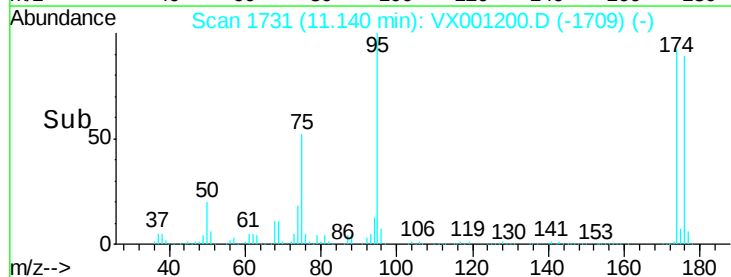
75 100

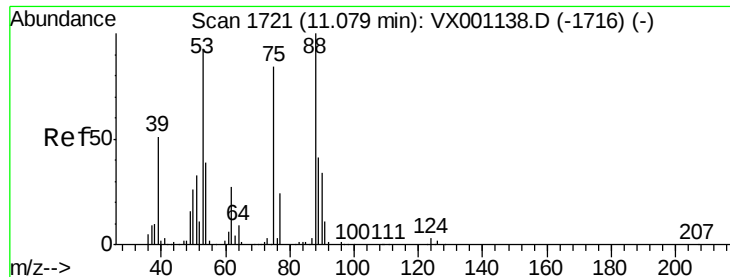
77 1.2 18.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 85.383 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

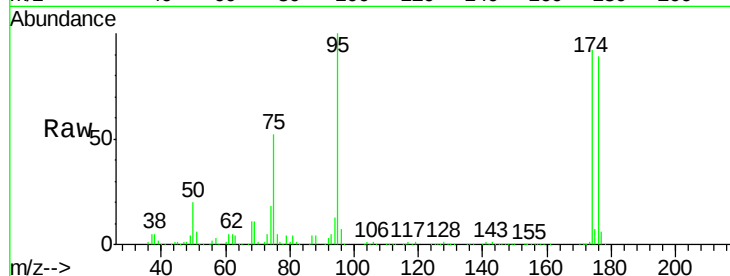
Tgt Ion: 75 Resp: 82595

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

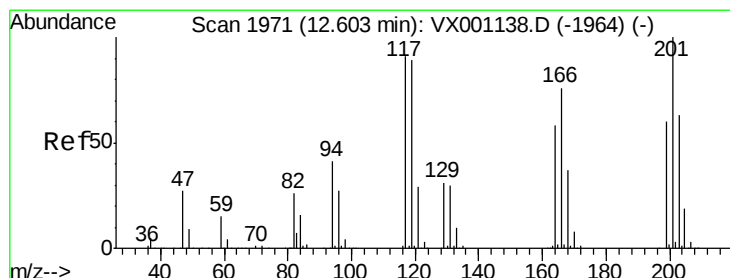
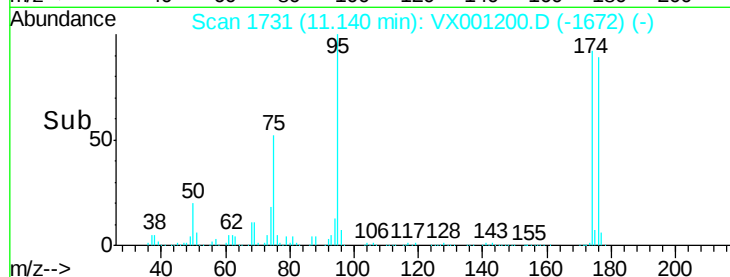
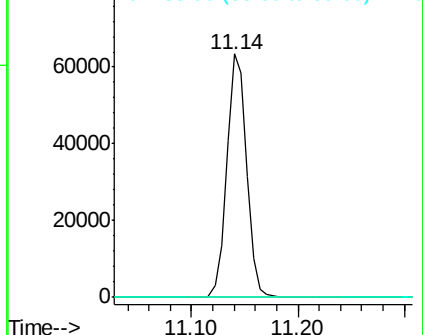
89 0.0 37.7 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#90

Hexachloroethane

Concen: 3.575 ug/l

RT: 12.76 min Scan# 1996

Delta R.T. 0.15 min

Lab File: VX001200.D

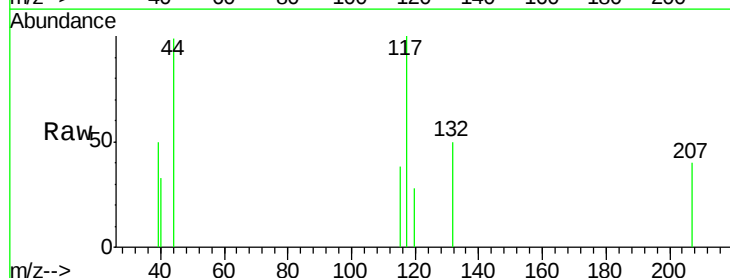
Acq: 28 Apr 2018 04:49

Tgt Ion: 117 Resp: 296

Ion Ratio Lower Upper

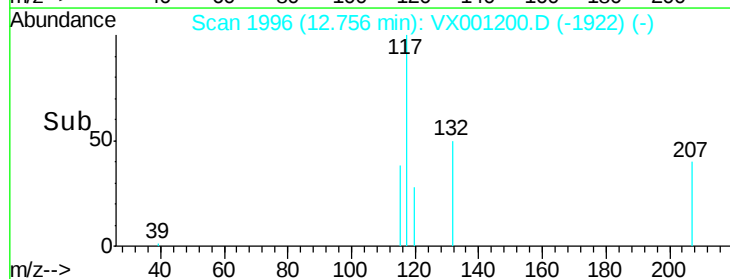
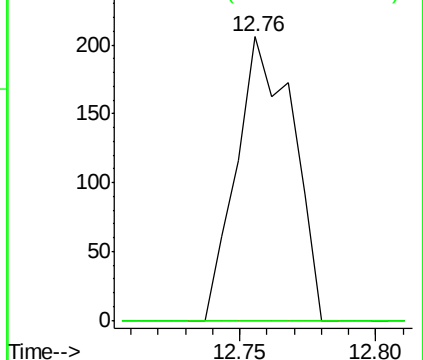
117 100

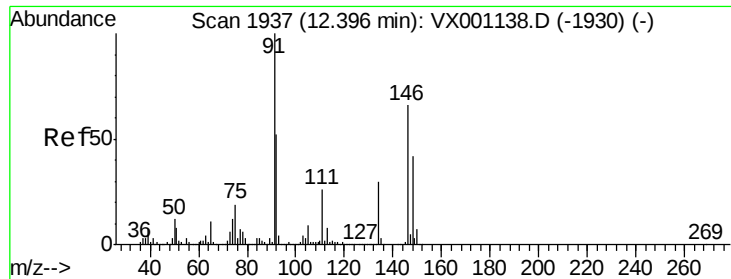
201 0.0 51.8 155.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 2.333 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001200.D

Acq: 28 Apr 2018 04:49

Instrument :

MSVOA_X

ClientSampleId :

KY032MW006-180419

Tgt Ion:146 Resp: 11796

Ion Ratio Lower Upper

146 100

111 37.0 19.1 57.3

148 63.6 32.2 96.6

