

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002997.D
 Acq On : 28 Jun 2018 20:33
 Operator : JC/MD
 Sample : J3668-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-180620

Quant Time: Jun 29 06:12:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180630	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.51	113	147885	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.72	98	538304	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	193985	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	221	Below Cal		96
3) Chloromethane	1.33	50	886	Below Cal		95
4) Vinyl Chloride	1.40	62	386953	123.78	ug/l	98
5) Bromomethane	1.65	94	2061	Below Cal		88
6) Chloroethane	1.77	64	709	Below Cal	#	76
10) Methyl Iodide	2.52	142	1909	6.77	ug/l	# 93
11) Tert butyl alcohol	3.07	59	1450	1.91	ug/l	# 75
12) 1,1-Dichloroethene	2.37	96	33442	12.27	ug/l	92
13) Acrolein	2.31	56	102	4.47	ug/l	# 14
16) Acetone	2.45	43	1319	0.83	ug/l	# 89
21) trans-1,2-Dichloroethene	3.17	96	30747	10.35	ug/l	97
24) 1,1-Dichloroethane	3.70	63	18024	3.23	ug/l	97
25) 2-Butanone	4.71	43	906	0.39	ug/l	# 62
27) cis-1,2-Dichloroethene	4.60	96	4358185	1309.04	ug/l	81
29) Tetrahydrofuran	5.18	42	481	0.32	ug/l	# 54
31) Cyclohexane	5.59	56	979	0.20	ug/l	93
36) 1,1-Dichloropropene	5.67	75	18319	4.34	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	24730	5.34	ug/l	# 16
39) Methylcyclohexane	7.22	83	19174	3.90	ug/l	# 1
40) Benzene	6.15	78	18519	1.51	ug/l	98
44) Trichloroethene	7.22	130	1698829	464.77	ug/l	99
49) 1,4-Dioxane	7.77	88	117	1.53	ug/l	# 1
52) Toluene	8.79	92	1861	0.24	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	963	0.30	ug/l	96
59) 2-Hexanone	9.31	43	740	0.20	ug/l	70
65) Chlorobenzene	10.14	112	183453	20.23	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	99035	26.13	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	99035	74.08	ug/l	# 7
83) tert-Butylbenzene	11.77	119	2991	0.26	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	5637	0.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	14548	1.93	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	21473	2.91	ug/l	99

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

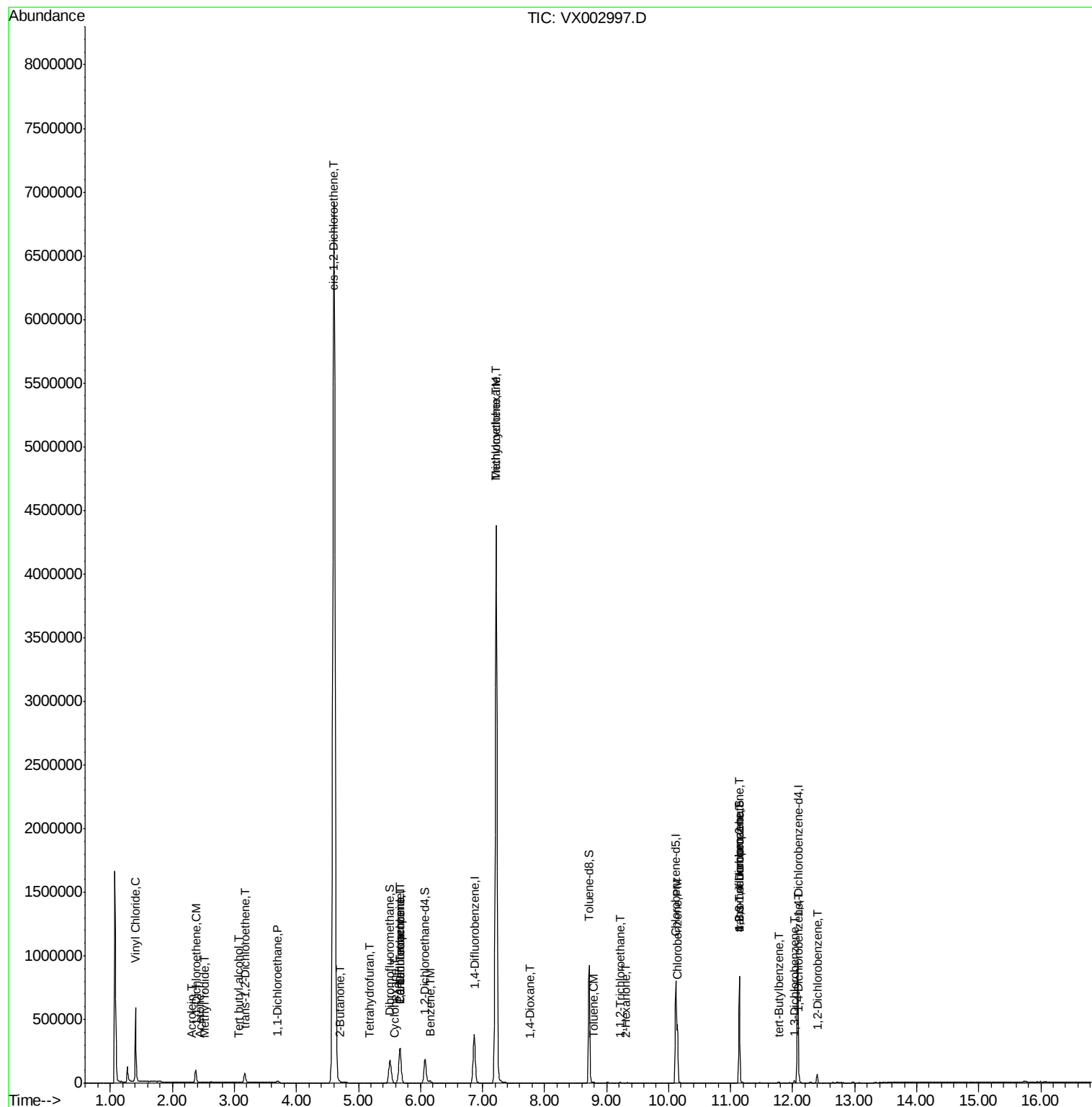
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

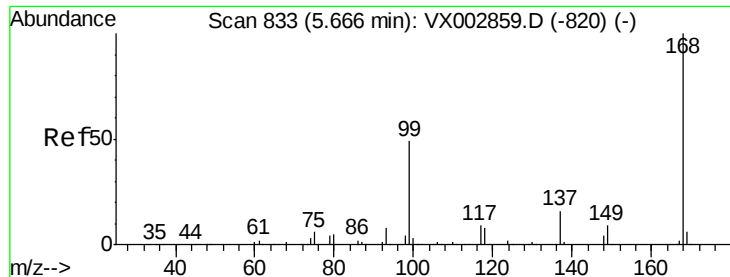
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

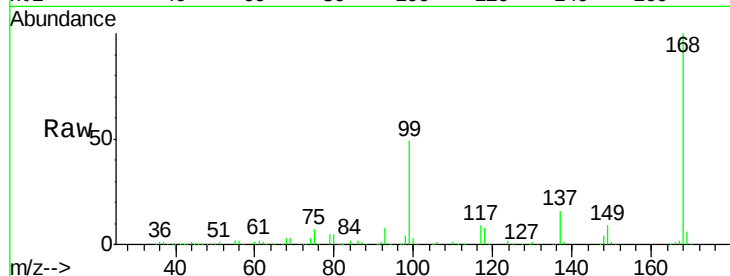
WP021MW347-180620

Tot Ion:168 Resp: 276434

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

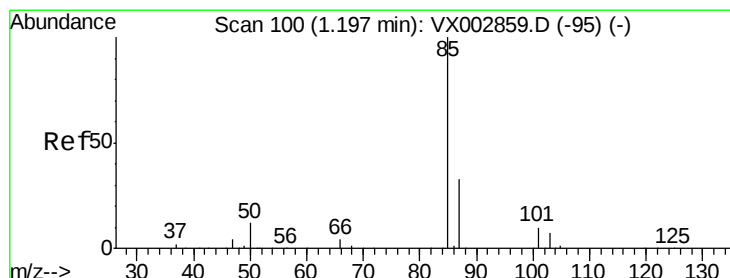
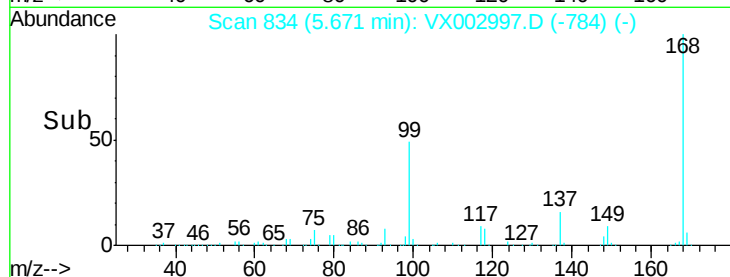
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002997.D

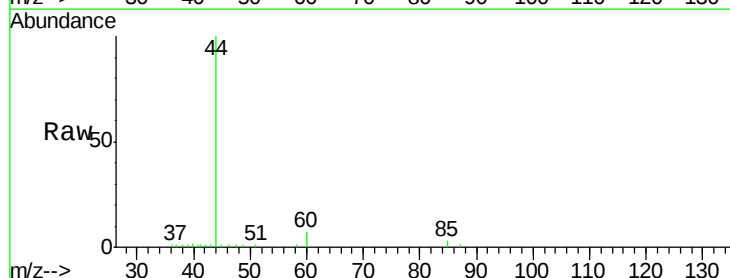
Acq: 28 Jun 2018 20:33

Tgt Ion: 85 Resp: 221

Ion Ratio Lower Upper

85 100

87 29.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250

200

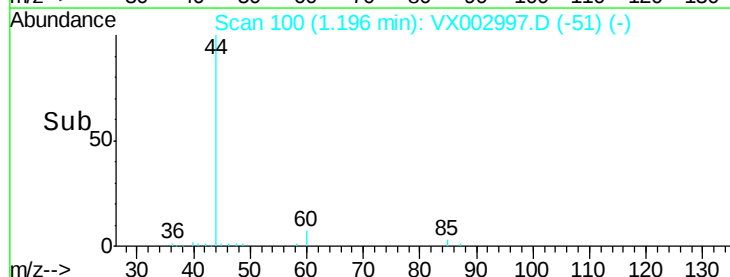
150

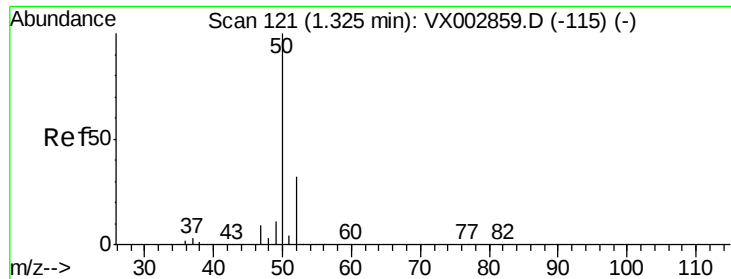
100

50

0

Time--> 1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

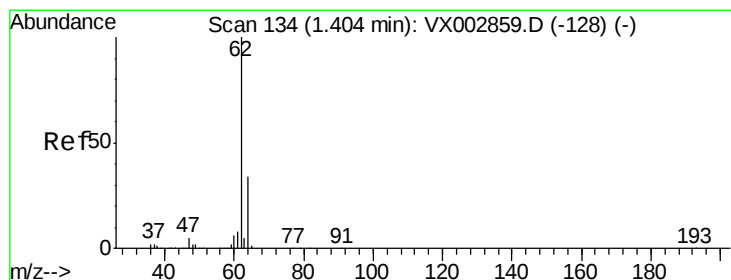
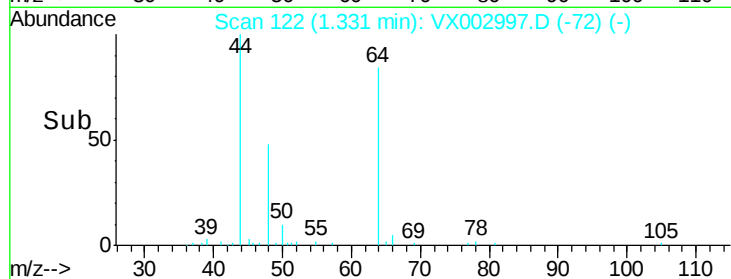
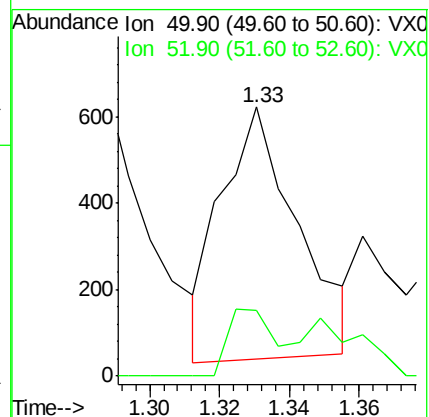
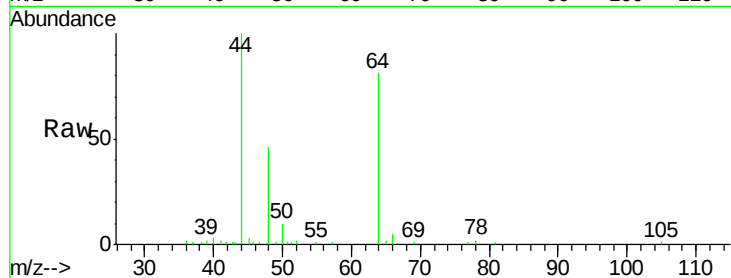
WP021MW347-180620

Tot Ion: 50 Resp: 886

Ion Ratio Lower Upper

50 100

52 34.7 25.7 38.5



#4

Vinyl Chloride

Concen: 123.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002997.D

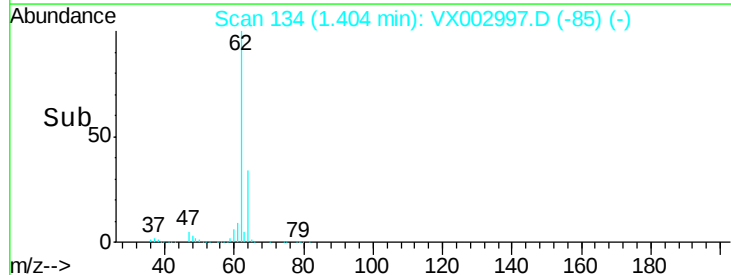
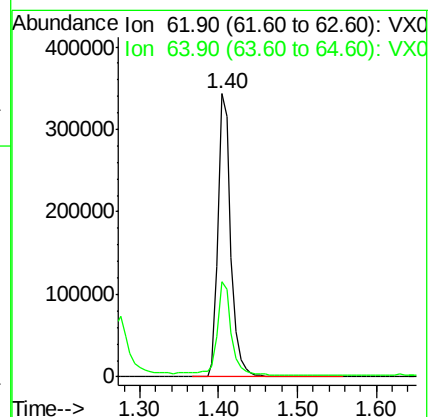
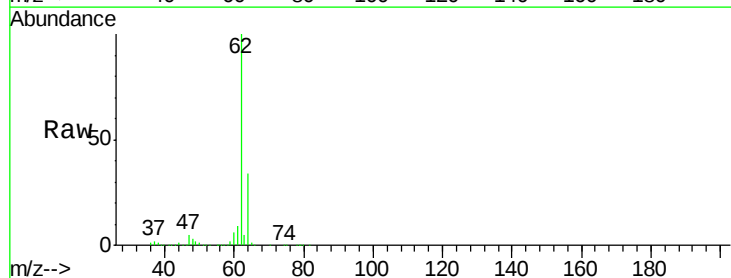
Acq: 28 Jun 2018 20:33

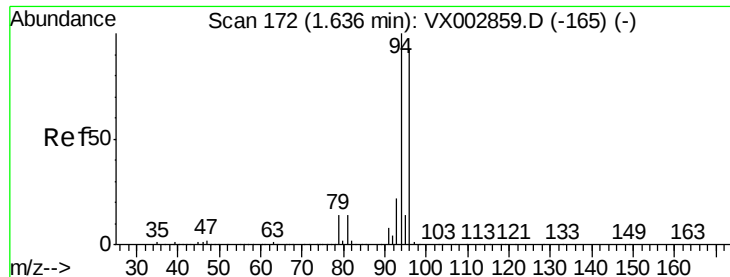
Tgt Ion: 62 Resp: 386953

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

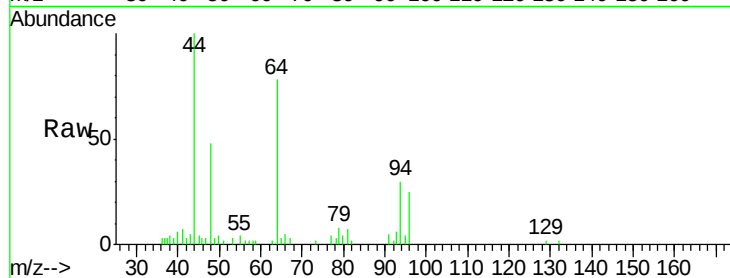
WP021MW347-180620

Tot Ion: 94 Resp: 2061

Ion Ratio Lower Upper

94 100

96 82.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1000

800

600

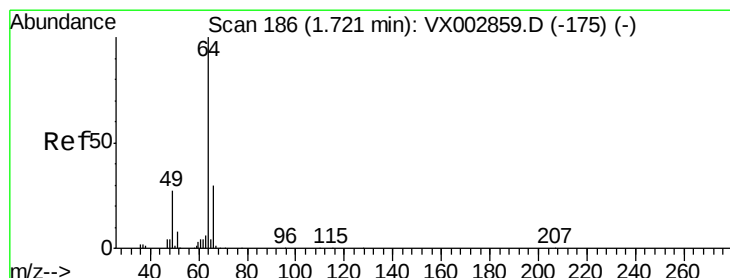
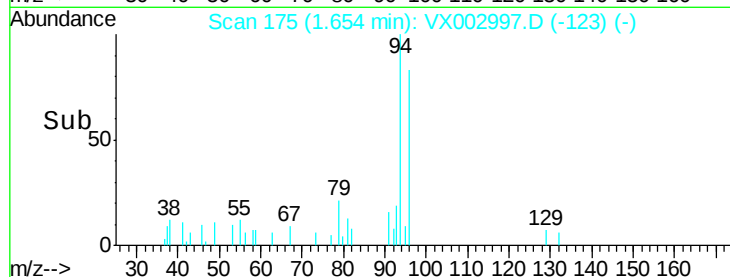
400

200

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.77 min Scan# 194

Delta R.T. 0.05 min

Lab File: VX002997.D

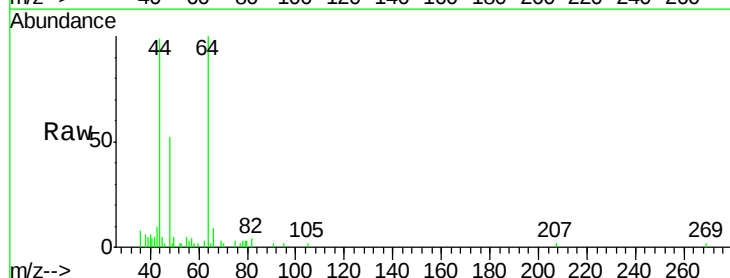
Acq: 28 Jun 2018 20:33

Tgt Ion: 64 Resp: 709

Ion Ratio Lower Upper

64 100

66 18.5 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.77

3000

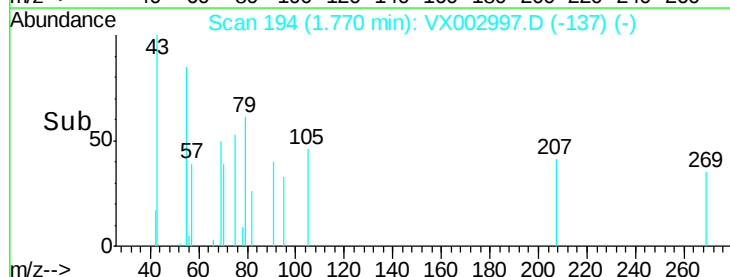
2000

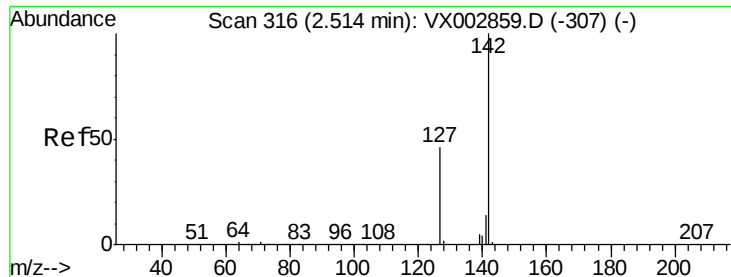
1000

0

1.76 1.78 1.80

Time-->

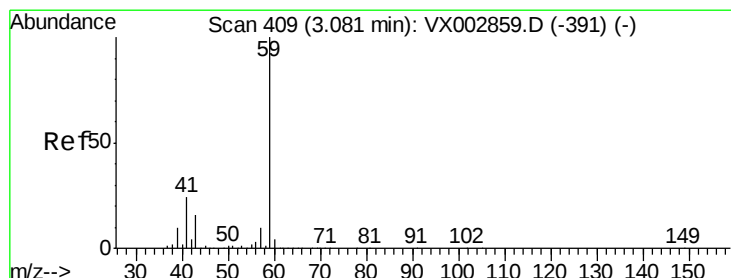
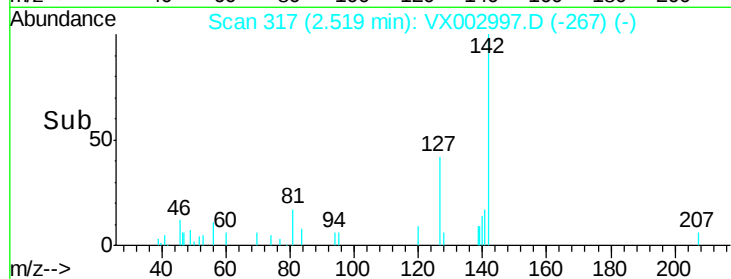
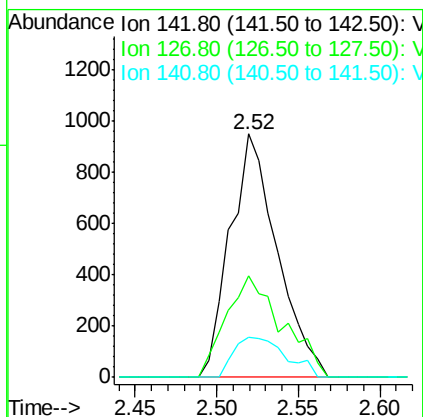
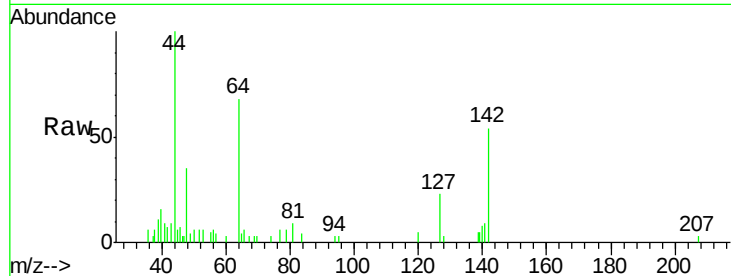




#10
Methyl Iodide
Concen: 6.77 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

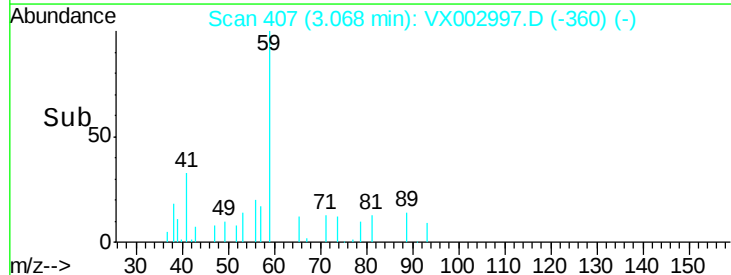
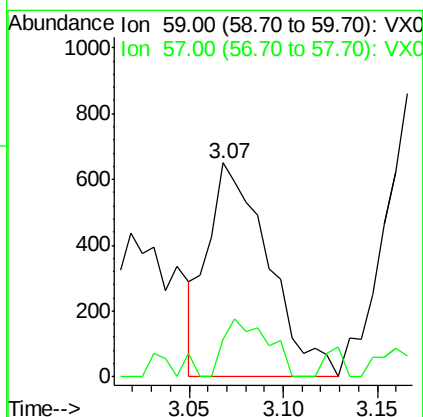
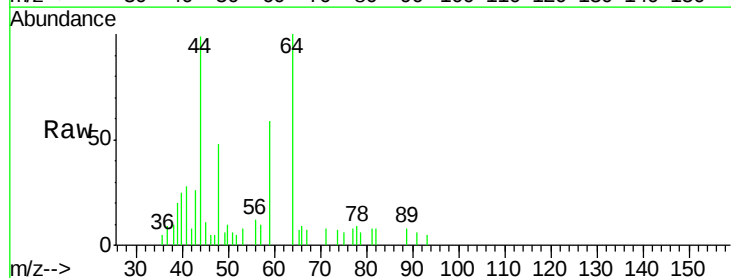
Instrument :
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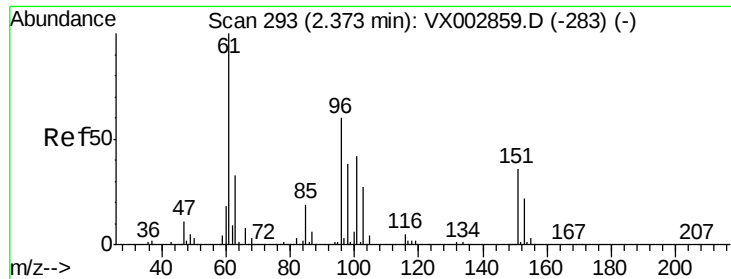
Tot Ion:142 Resp: 1909
Ion Ratio Lower Upper
142 100
127 50.1 36.6 55.0
141 18.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.91 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion: 59 Resp: 1450
Ion Ratio Lower Upper
59 100
57 19.7 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 12.27 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620

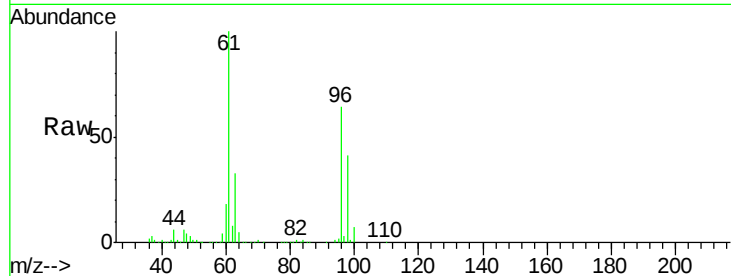
Tot Ion: 96 Resp: 33442

Ion Ratio Lower Upper

96 100

61 157.1 137.9 206.9

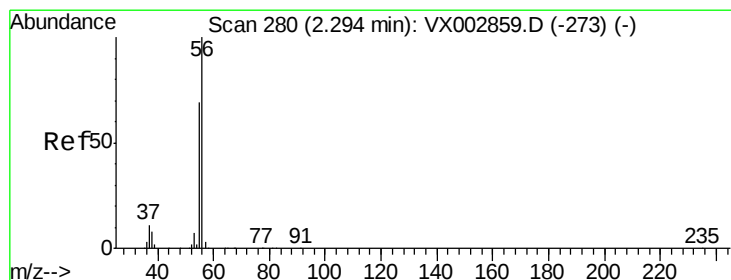
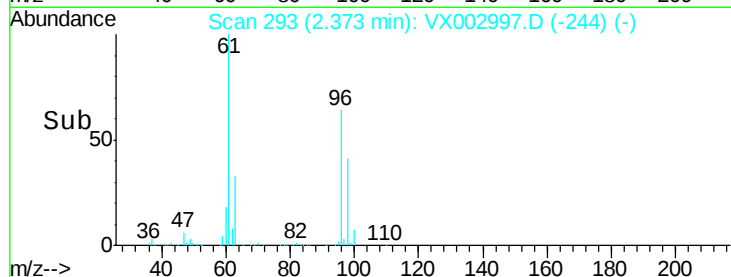
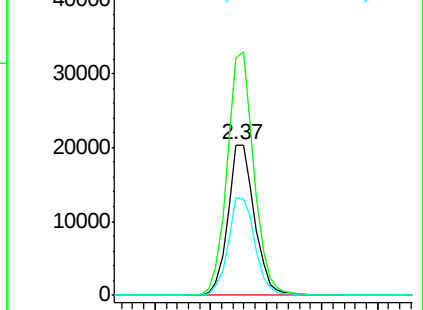
98 64.9 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 4.47 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX002997.D

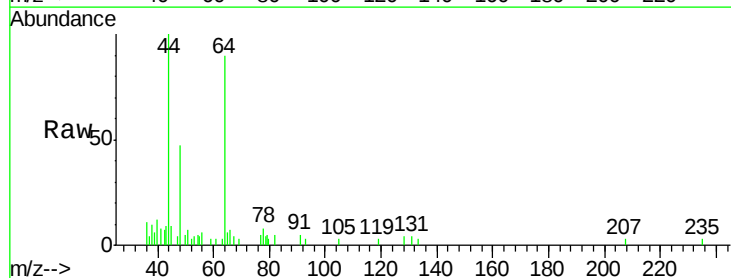
Acq: 28 Jun 2018 20:33

Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

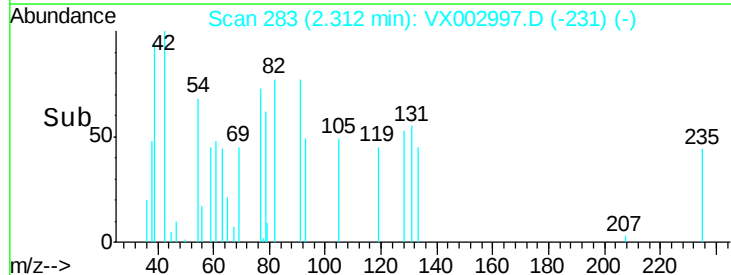
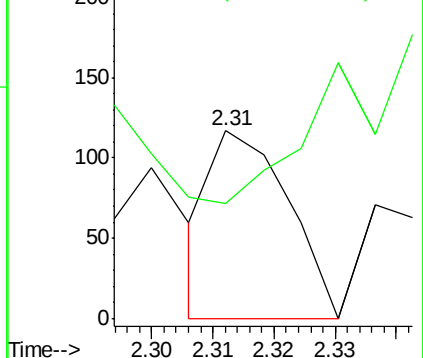
56 100

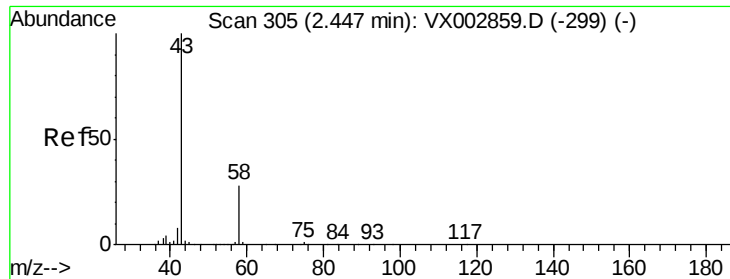
55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

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ClientSampleId :

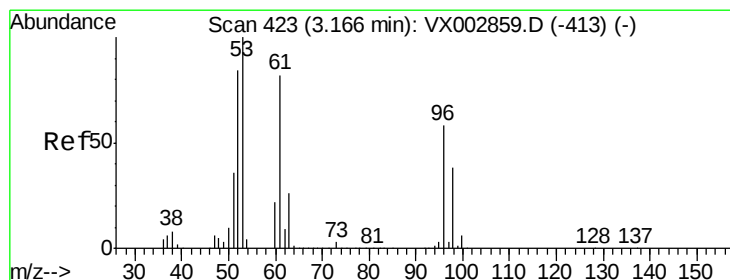
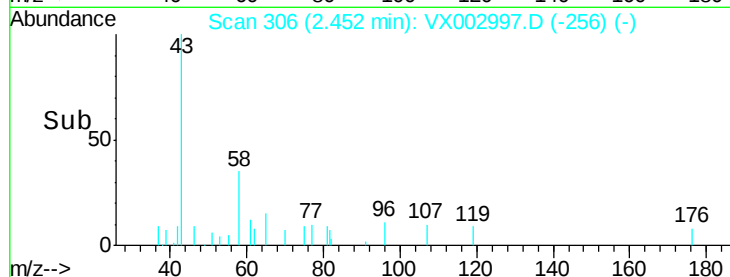
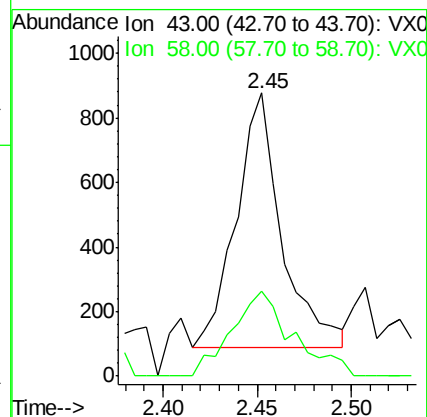
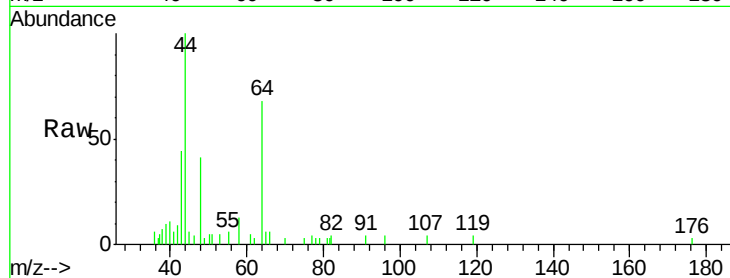
WP021MW347-180620

Tot Ion: 43 Resp: 1319

Ion Ratio Lower Upper

43 100

58 33.3 22.1 33.1#



#21

trans-1,2-Dichloroethene

Concen: 10.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

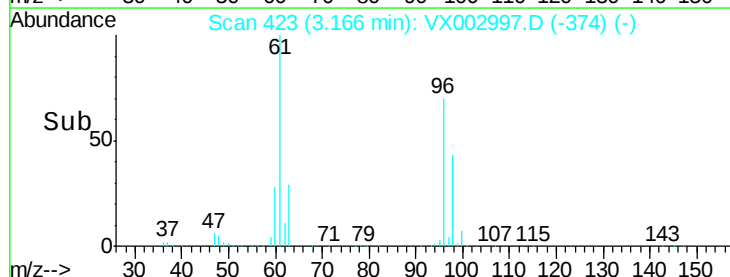
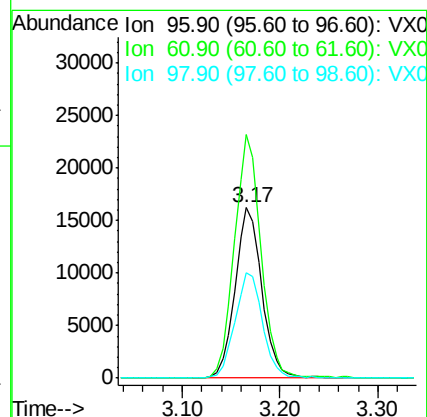
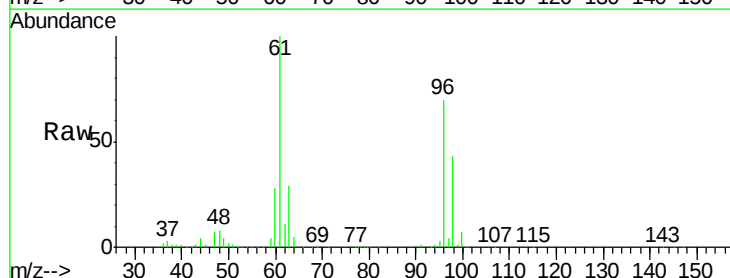
Tgt Ion: 96 Resp: 30747

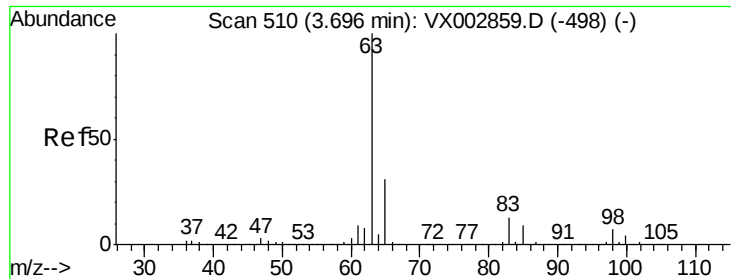
Ion Ratio Lower Upper

96 100

61 142.9 117.0 175.4

98 62.0 52.4 78.6





#24

1,1-Dichloroethane

Concen: 3.23 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

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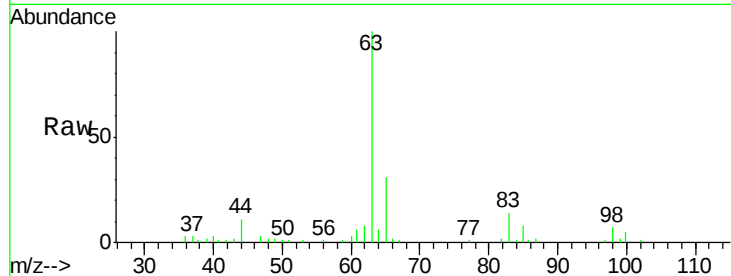
Tot Ion: 63 Resp: 18024

Ion Ratio Lower Upper

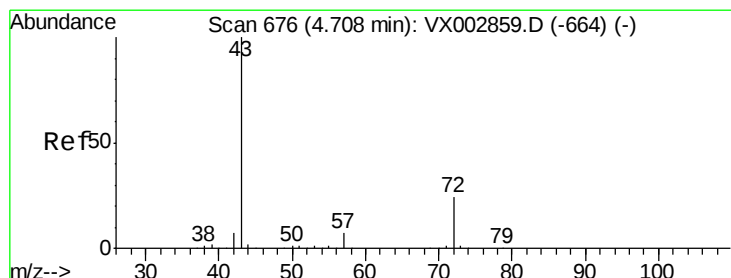
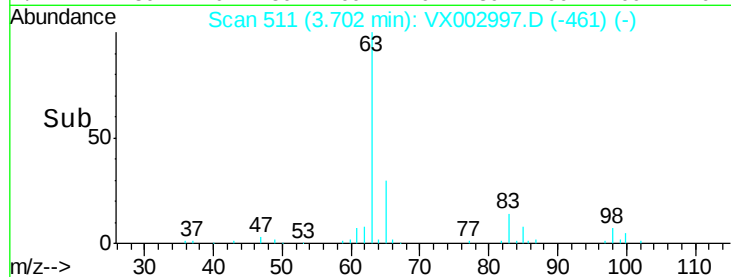
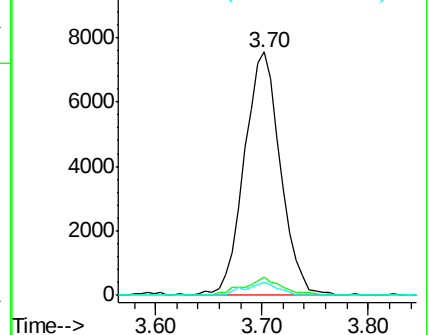
63 100

98 7.4 3.4 10.2

100 5.4 2.0 6.0



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: 0.39 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002997.D

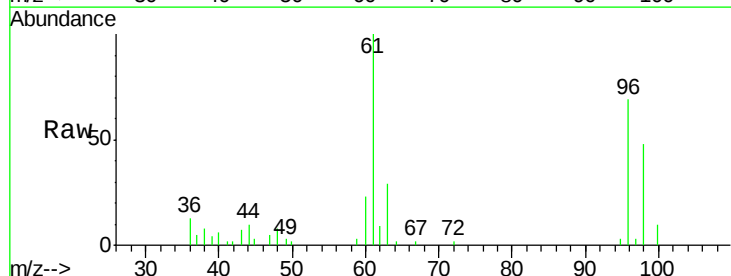
Acq: 28 Jun 2018 20:33

Tgt Ion: 43 Resp: 906

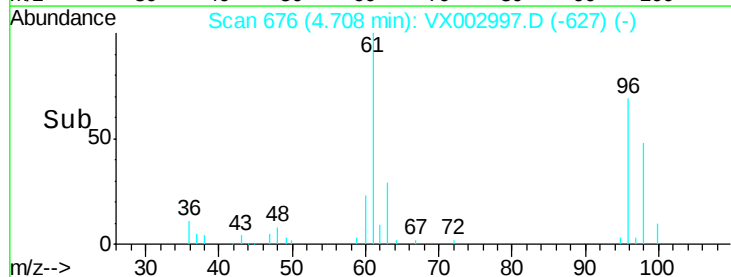
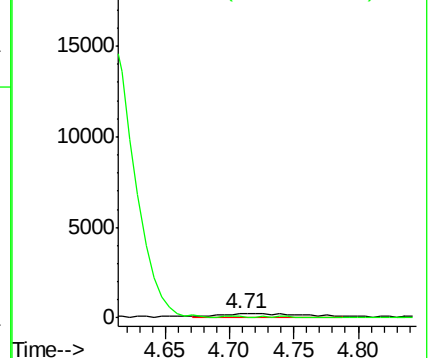
Ion Ratio Lower Upper

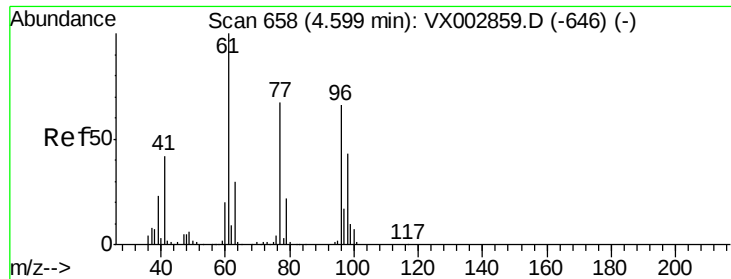
43 100

72 41.5 18.5 27.7#



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





#27

cis-1,2-Dichloroethene

Concen: 1309.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620

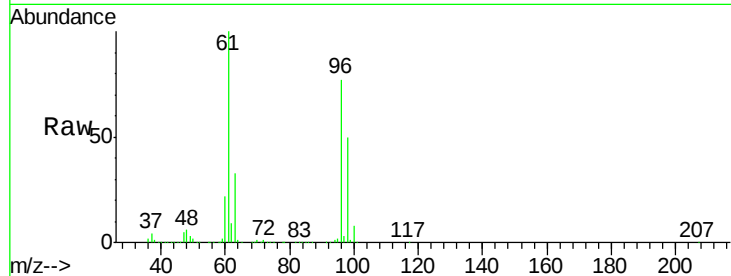
Tot Ion: 96 Resp: 4358185

Ion Ratio Lower Upper

96 100

61 129.9 0.0 330.2

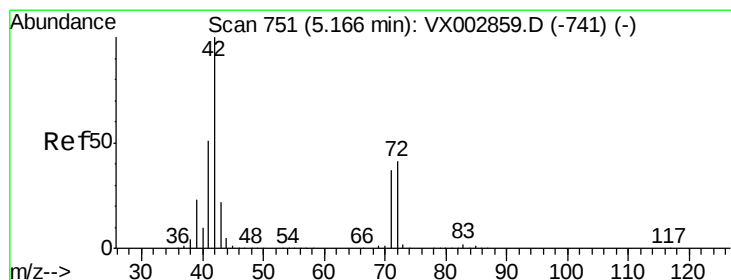
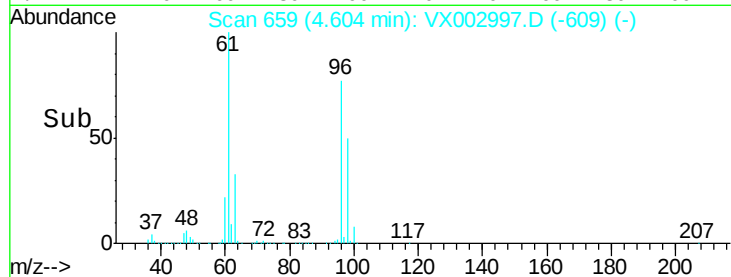
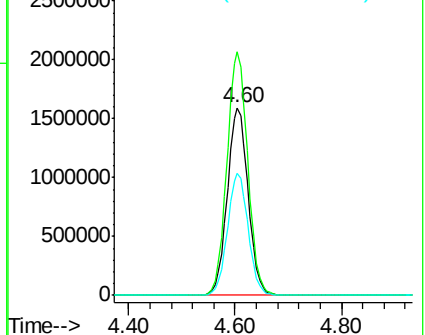
98 64.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

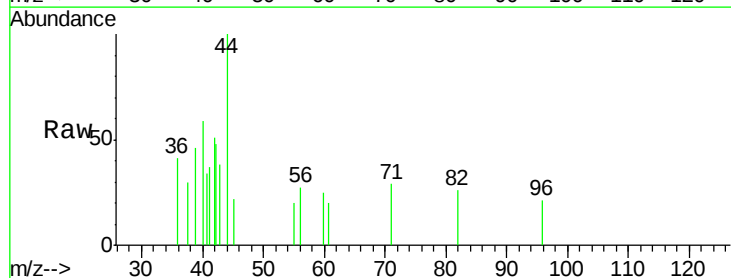
Tgt Ion: 42 Resp: 481

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

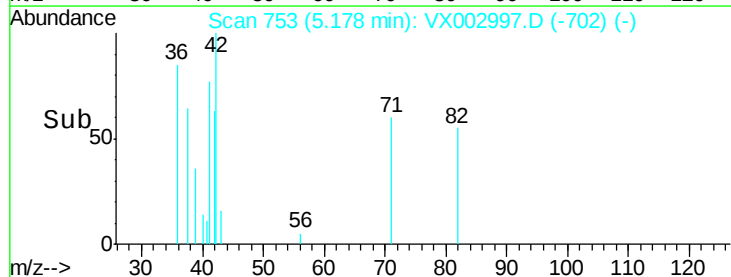
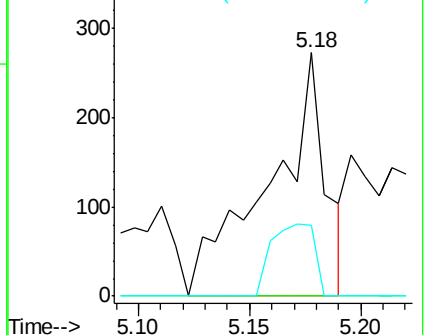
71 22.5 30.1 45.1#

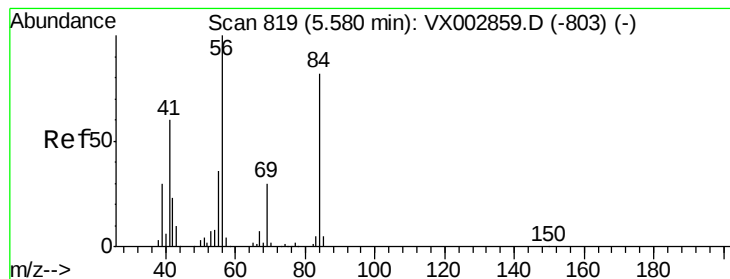


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.20 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620

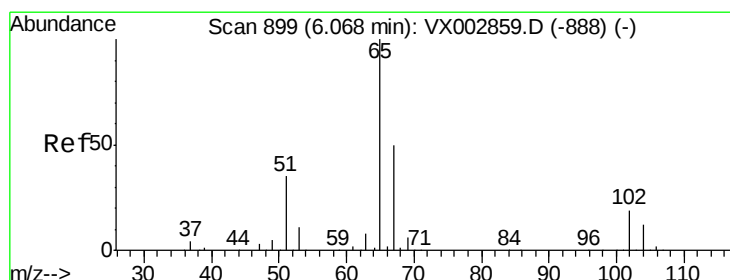
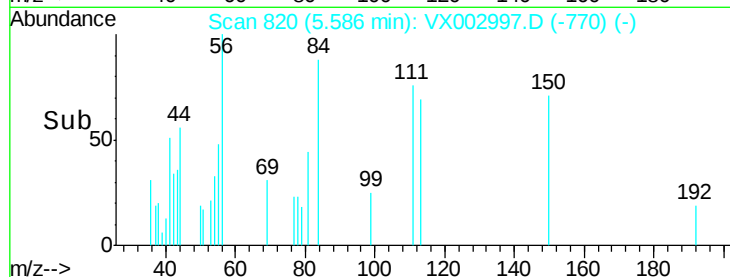
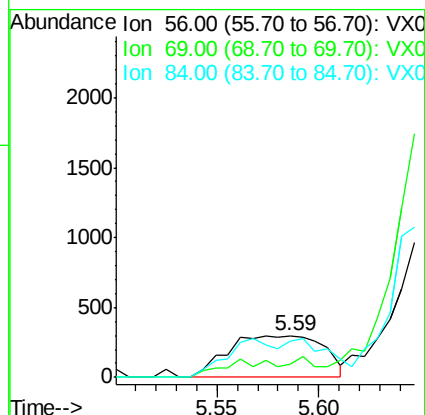
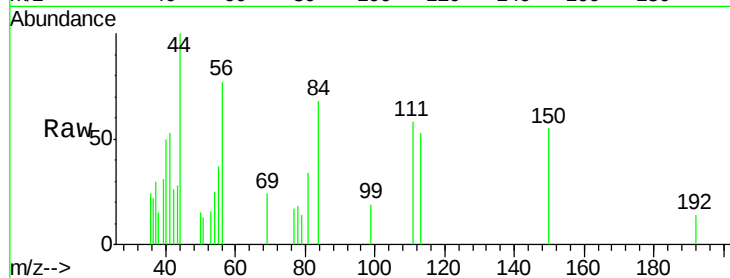
Tot Ion: 56 Resp: 979

Ion Ratio Lower Upper

56 100

69 31.0 23.7 35.5

84 88.2 64.1 96.1



#33

1,2-Dichloroethane-d4

Concen: 47.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002997.D

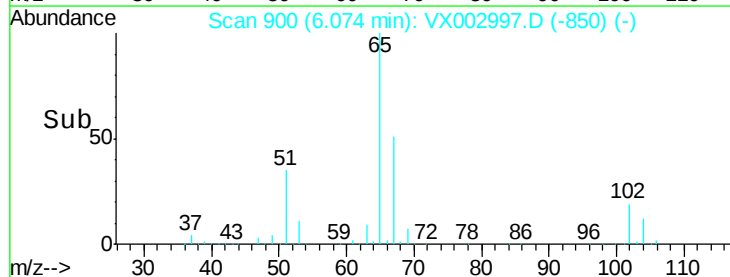
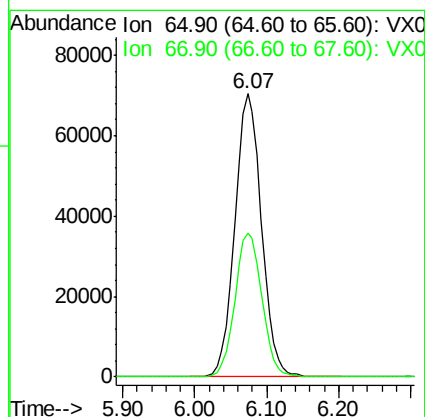
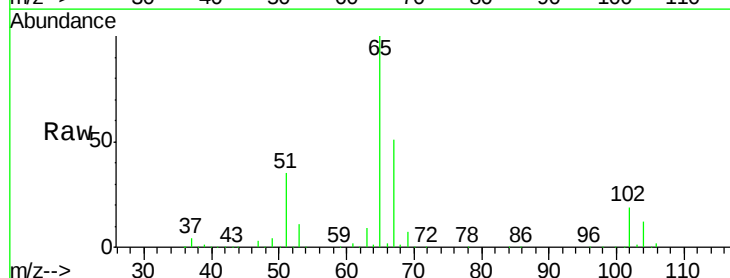
Acq: 28 Jun 2018 20:33

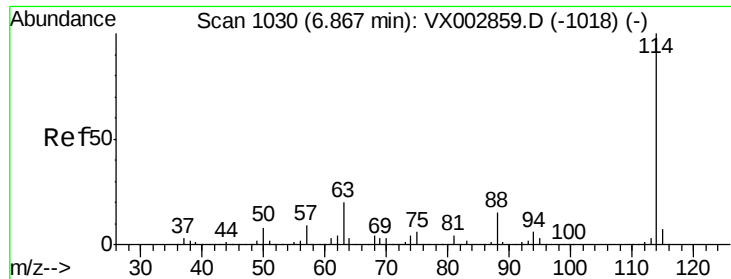
Tgt Ion: 65 Resp: 180630

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620

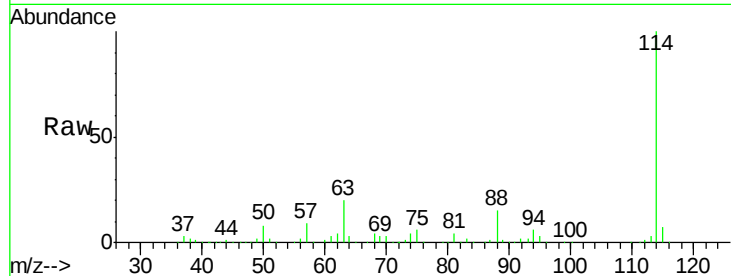
Tot Ion:114 Resp: 384763

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

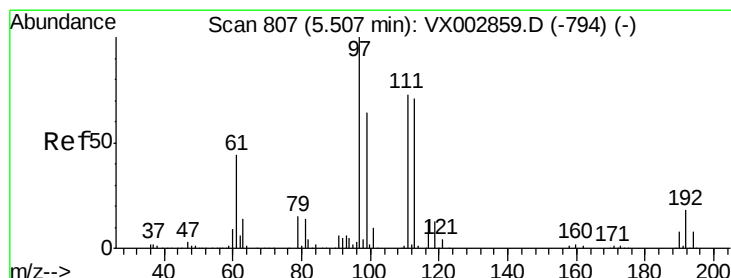
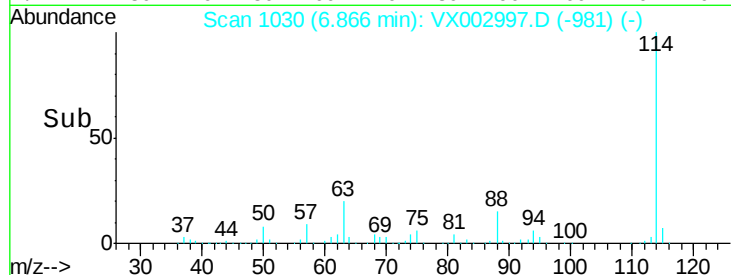
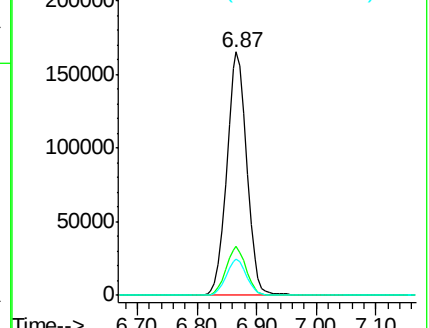
88 15.0 0.0 30.0



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: 48.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

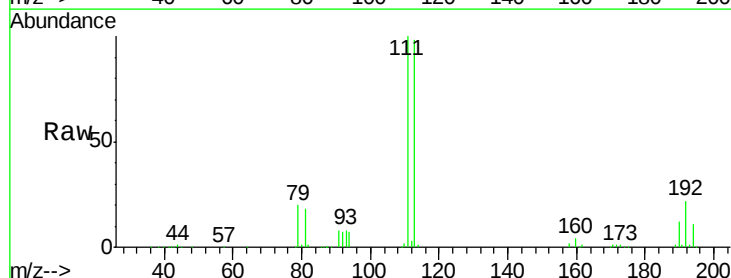
Tgt Ion:113 Resp: 147885

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

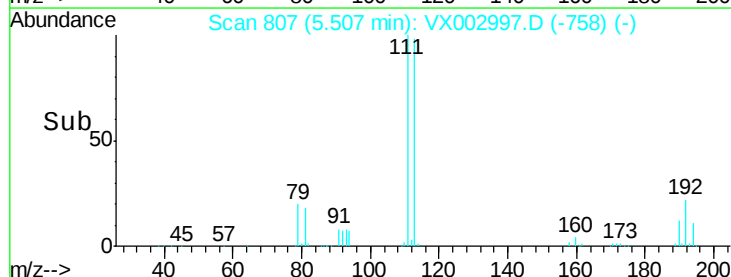
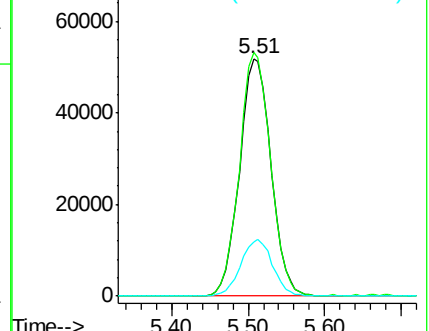
192 24.1 19.1 28.7

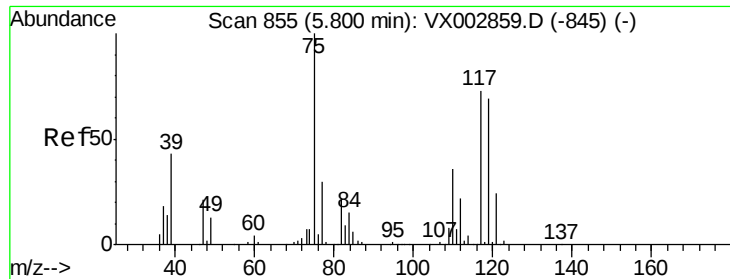


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

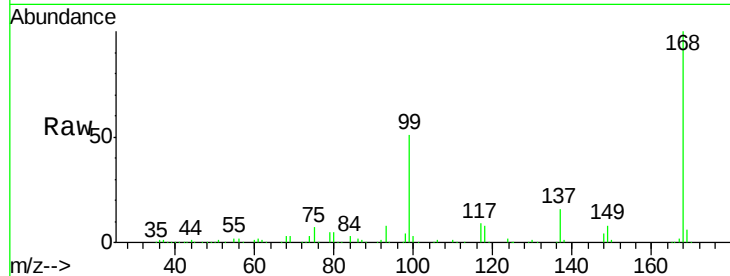




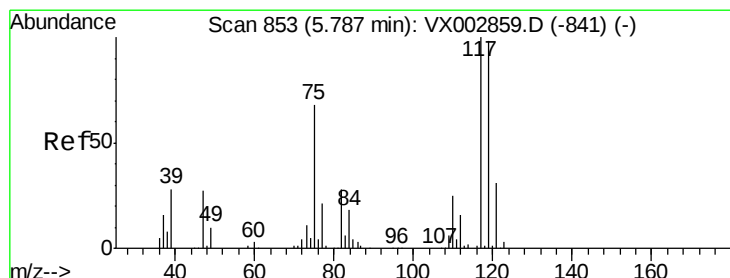
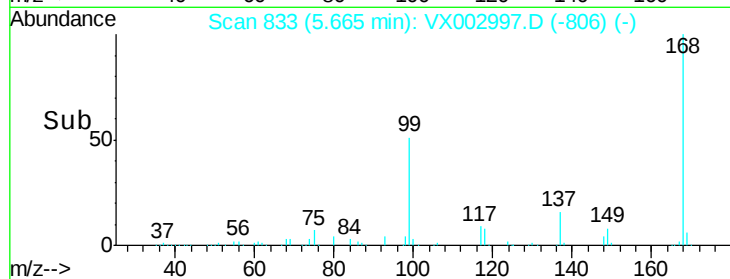
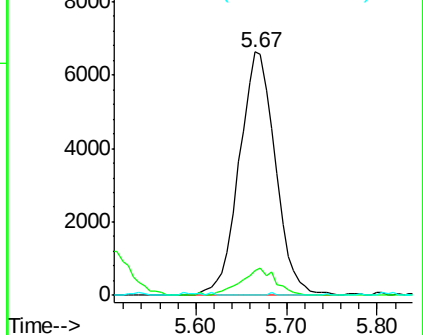
#36
 1,1-Dichloropropene
 Concen: 4.34 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-180620

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.1	24.3	36.5#

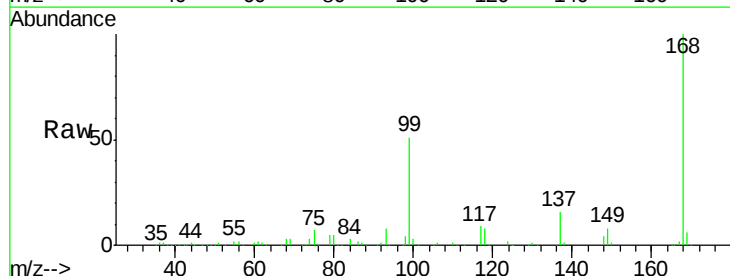


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

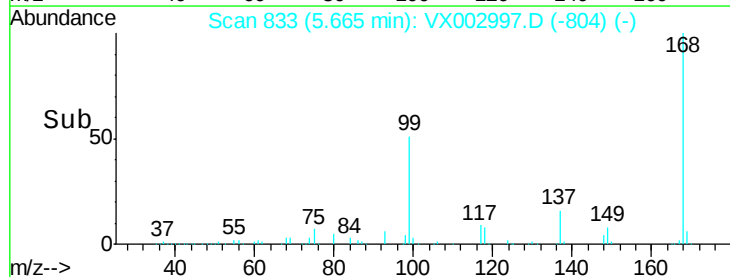
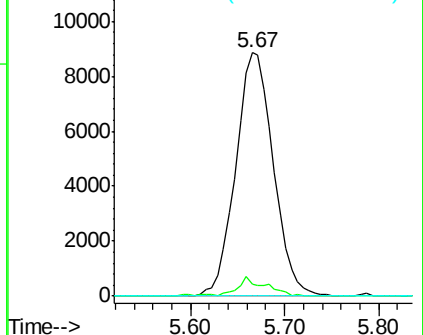


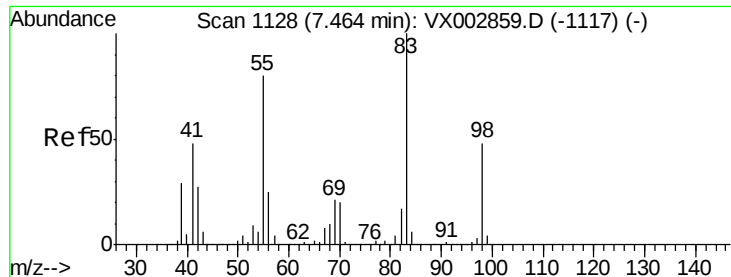
#38
 Carbon Tetrachloride
 Concen: 5.34 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

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



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

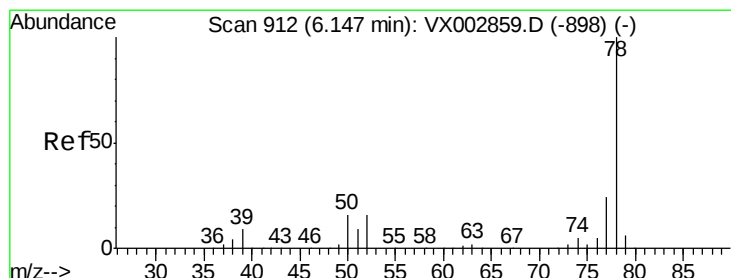
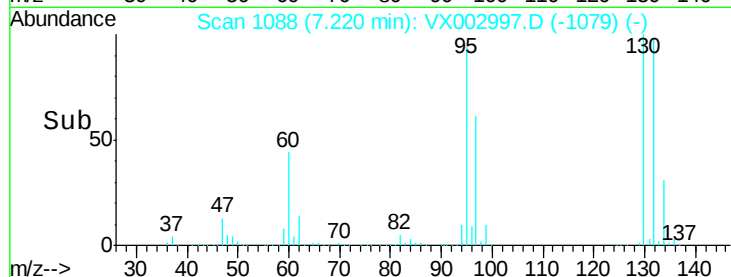
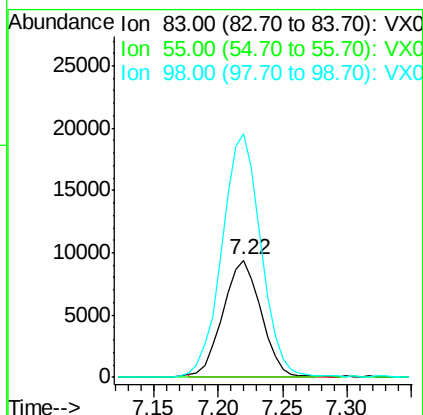
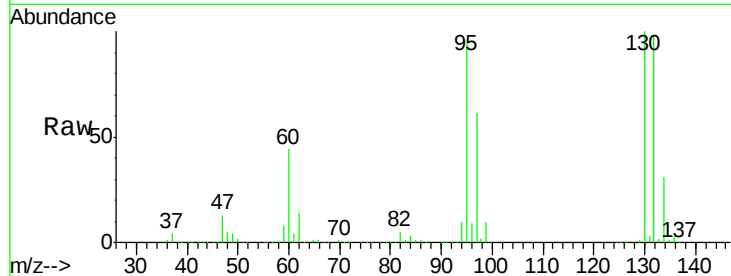




#39
Methvlcvclohexane
Concen: 3.90 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.24 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

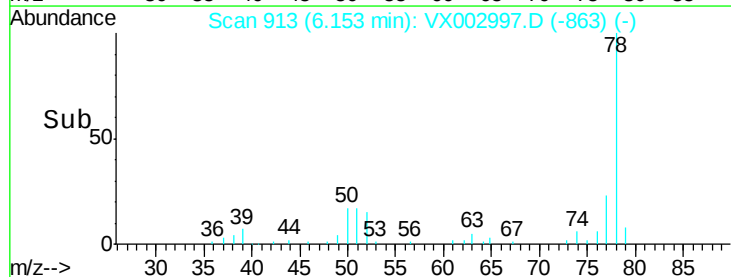
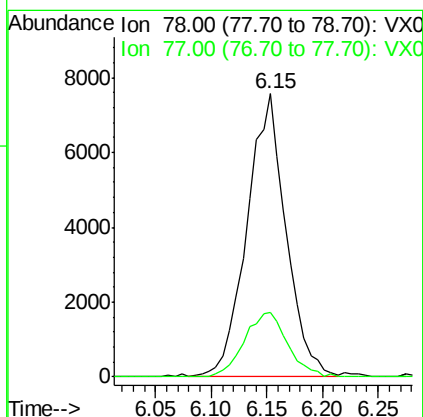
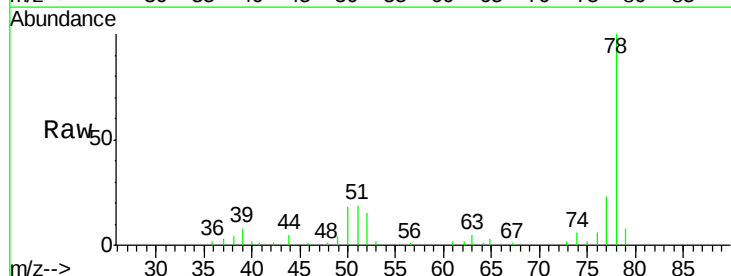
Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620

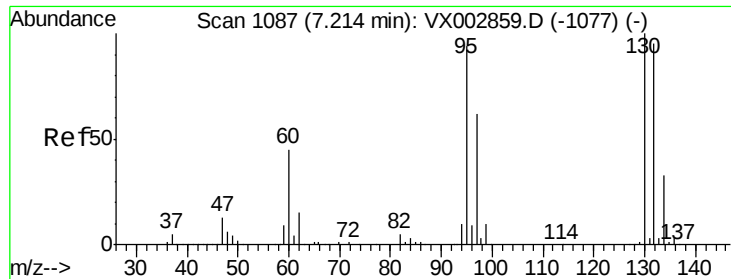
Tot Ion: 83 Resp: 19174
Ion Ratio Lower Upper
83 100
55 1.3 65.4 98.0#
98 207.3 37.4 56.0#



#40
Benzene
Concen: 1.51 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion: 78 Resp: 18519
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





#44

Trichloroethene

Concen: 464.77 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

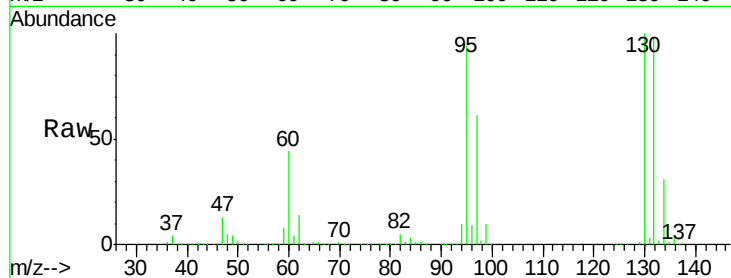
WP021MW347-180620

Tot Ion:130 Resp: 1698829

Ion Ratio Lower Upper

130 100

95 93.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

800000

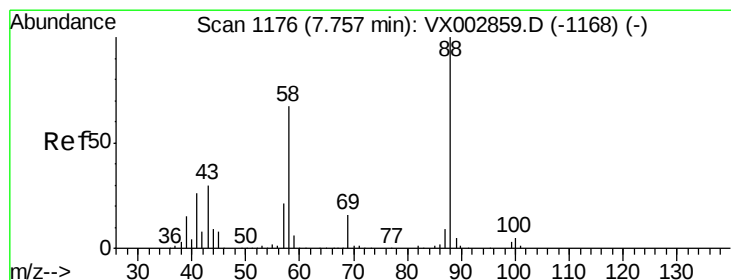
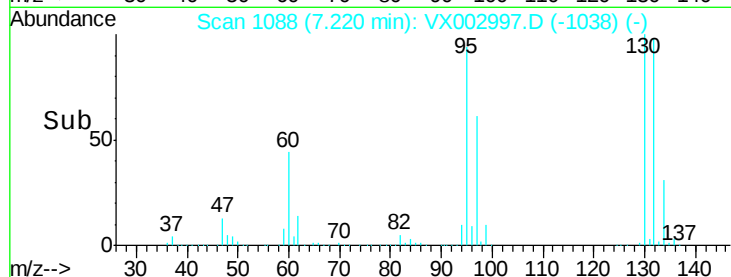
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 1.53 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

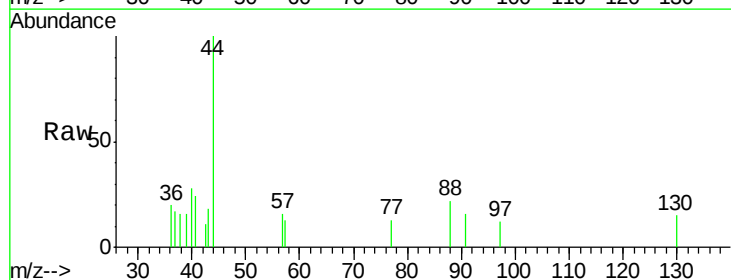
Tgt Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

43 355.6 29.8 44.6#

58 42.7 57.1 85.7#



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

250

200

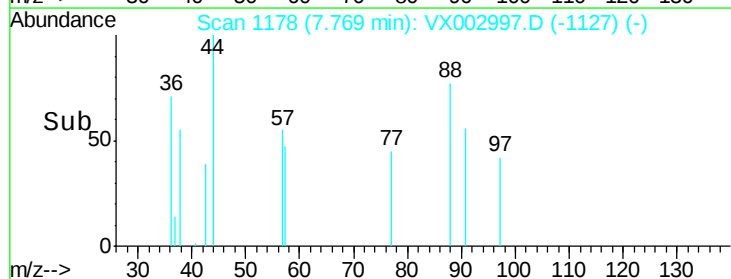
150

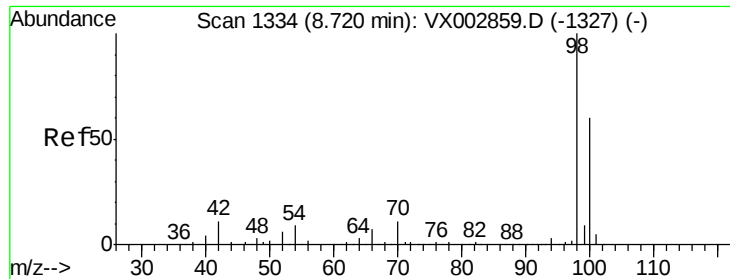
100

50

0

Time-->

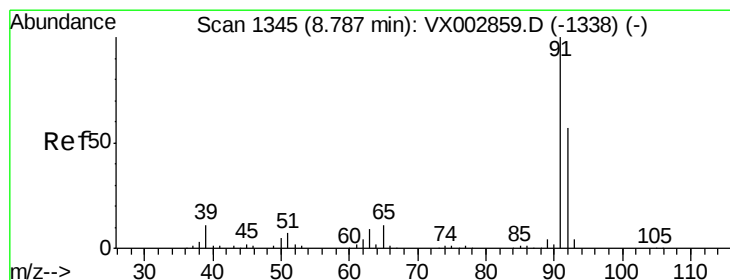
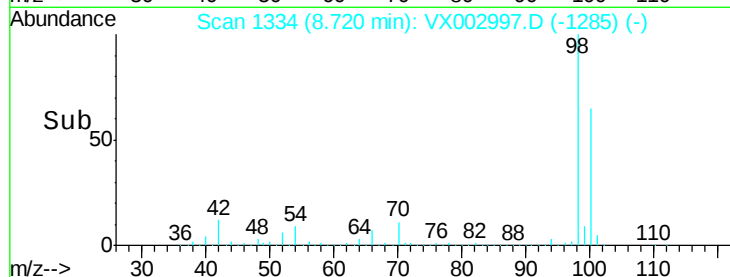
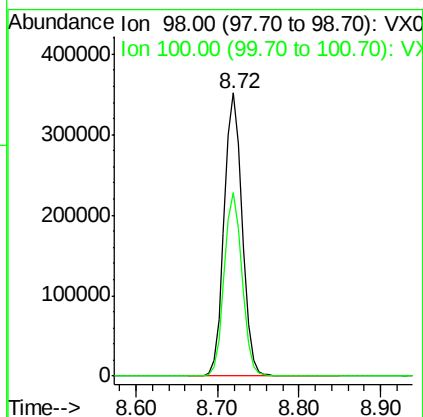
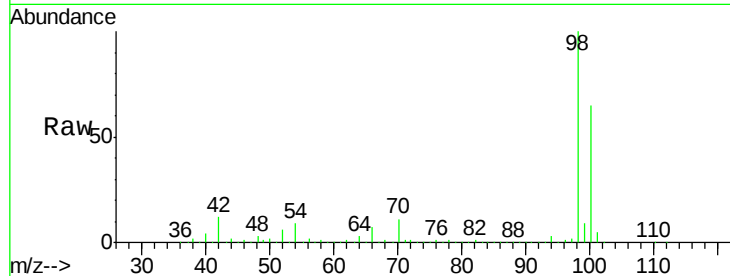




#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

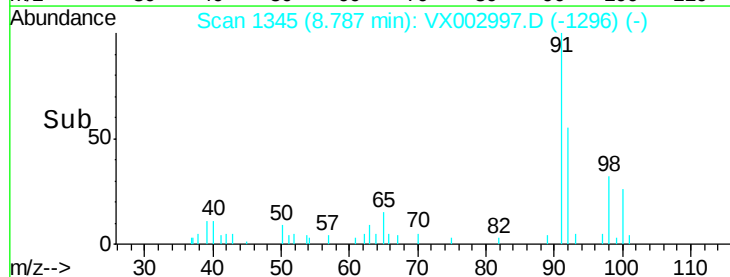
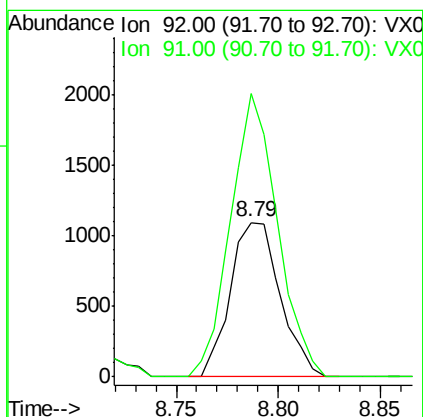
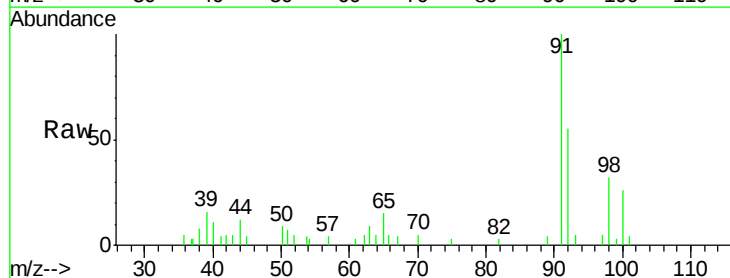
Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620

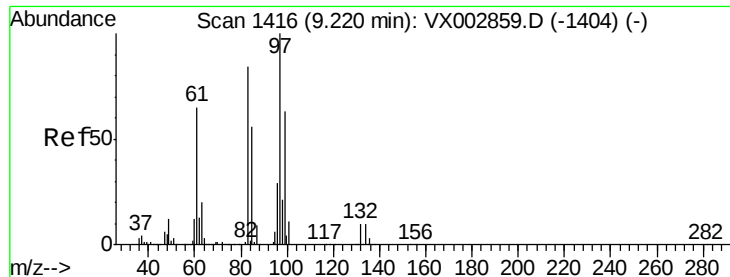
Tot Ion: 98 Resp: 538304
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#52
Toluene
Concen: 0.24 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion: 92 Resp: 1861
Ion Ratio Lower Upper
92 100
91 172.3 140.4 210.6

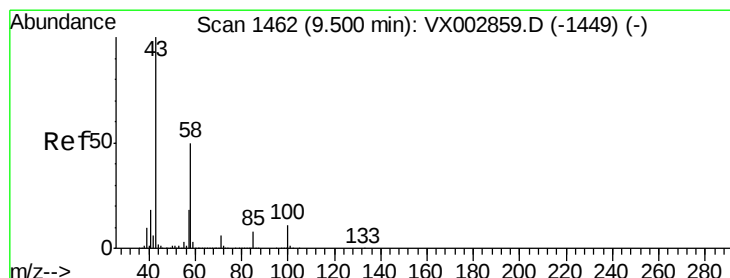
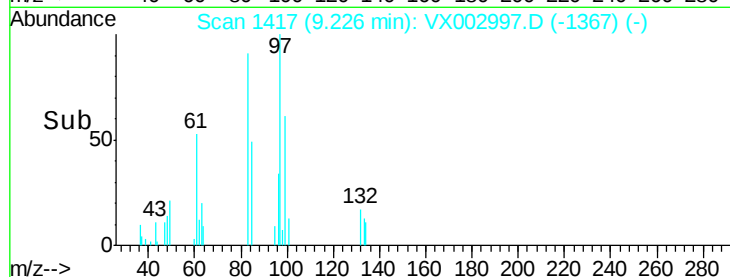
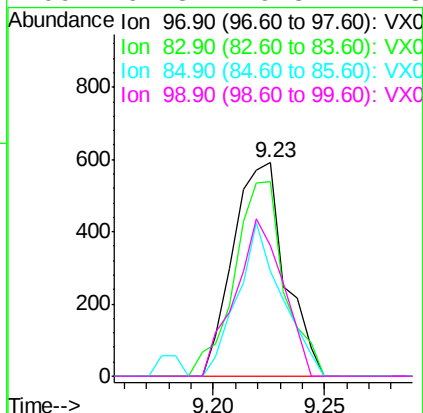
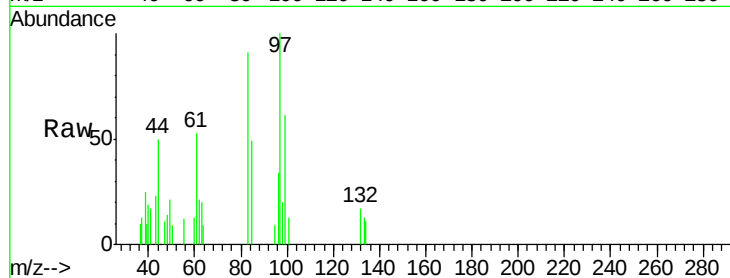




#55
 1,1,2-Trichloroethane
 Concen: 0.30 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

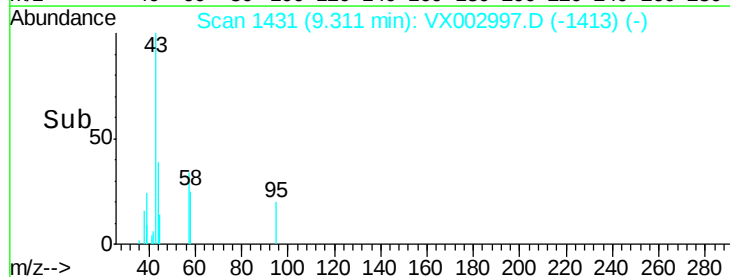
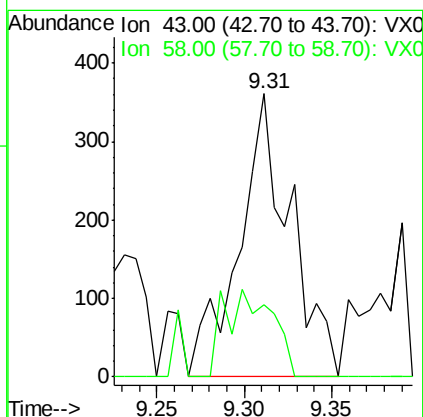
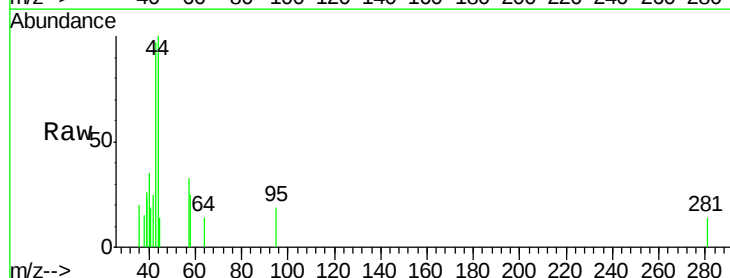
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-180620

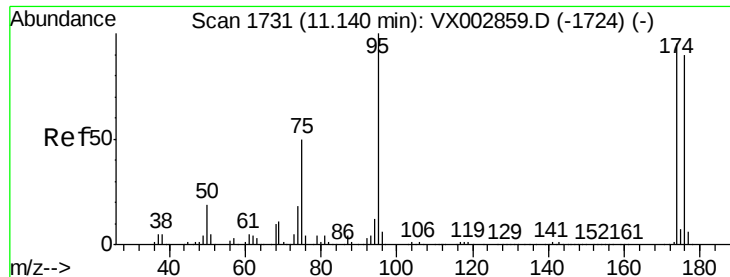
Tot Ion:	97	Resp:	963
Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.2	105.2
85	49.4	44.9	67.3
99	61.3	49.8	74.8



#59
 2-Hexanone
 Concen: 0.20 ug/l
 RT: 9.31 min Scan# 1431
 Delta R.T. -0.19 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

Tgt Ion:	43	Resp:	740
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.6	73.6

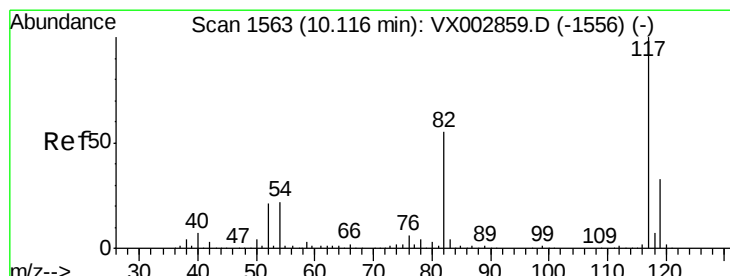
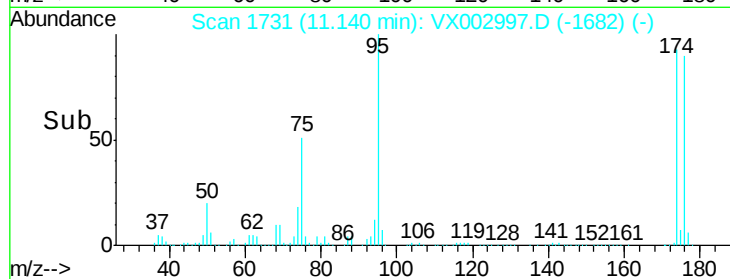
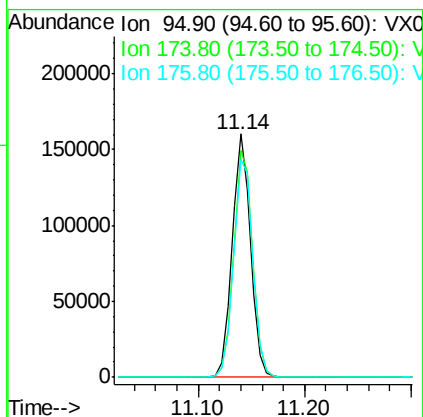
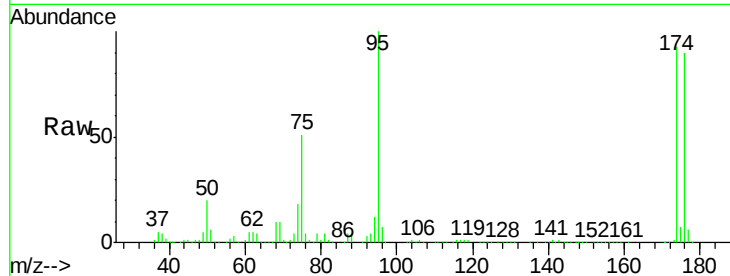




#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

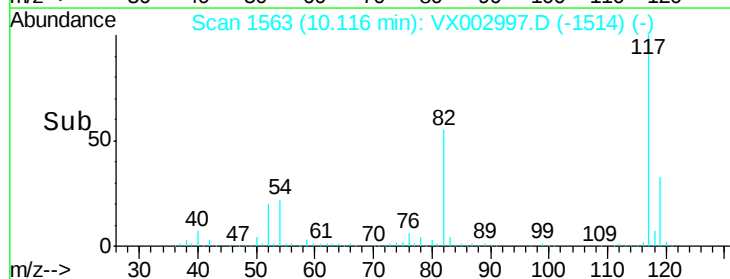
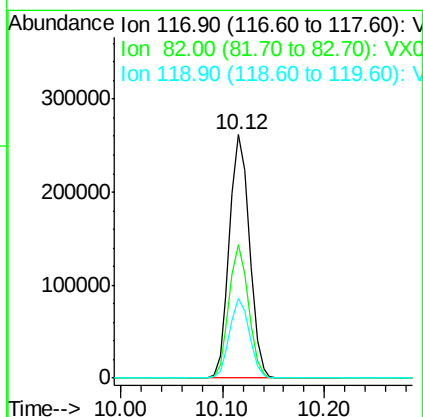
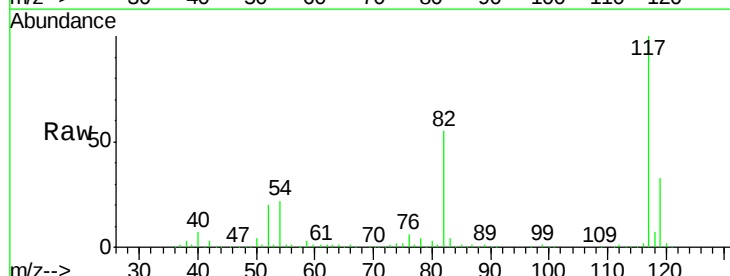
Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620

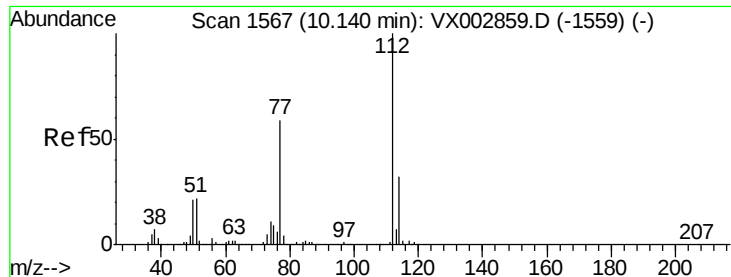
Tot Ion: 95 Resp: 193985
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 93.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion: 117 Resp: 356937
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.6 25.8 38.6

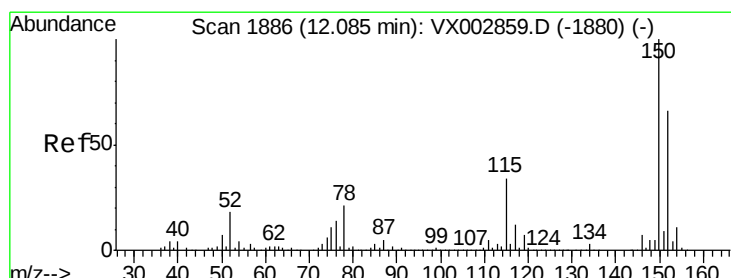
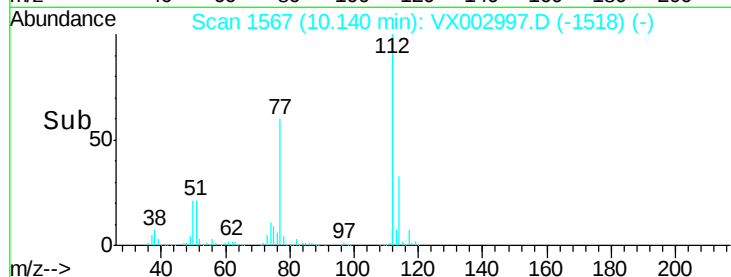
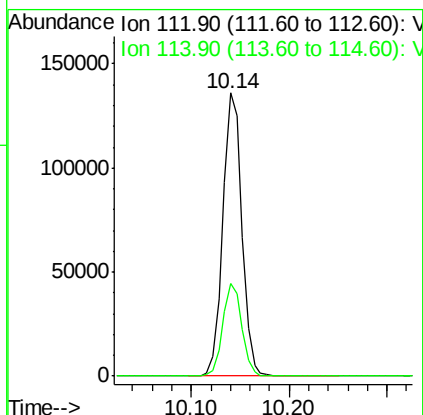
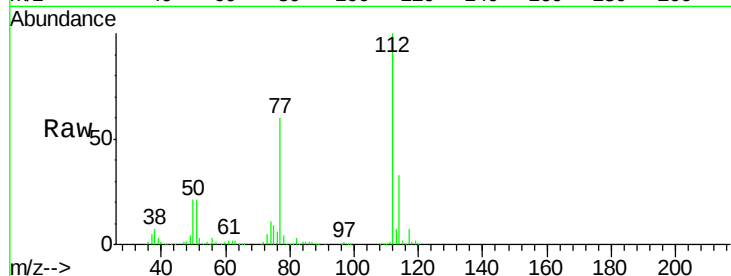




#65
Chlorobenzene
Concen: 20.23 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

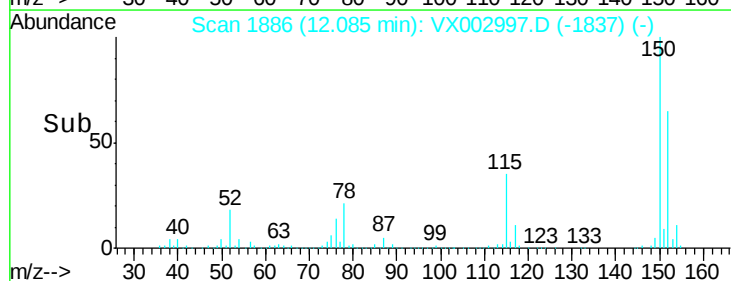
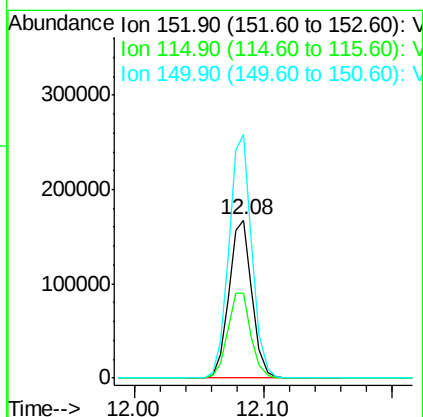
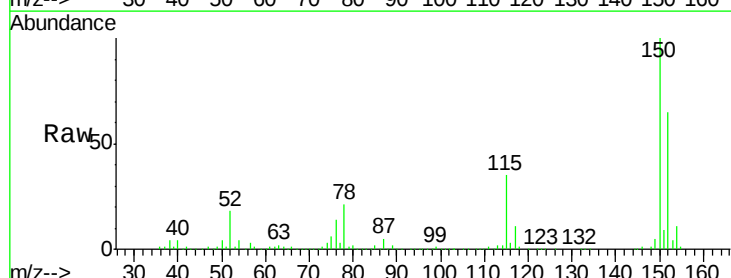
Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620

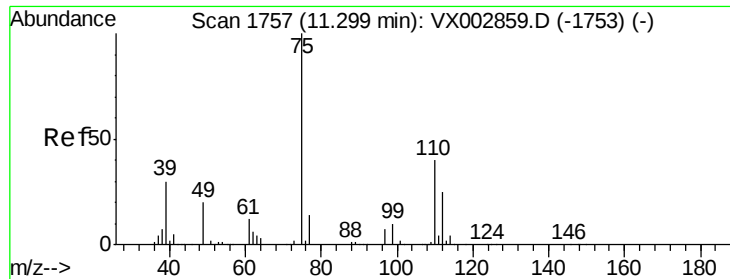
Tot Ion:112 Resp: 183453
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion:152 Resp: 209236
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 153.9 0.0 347.2

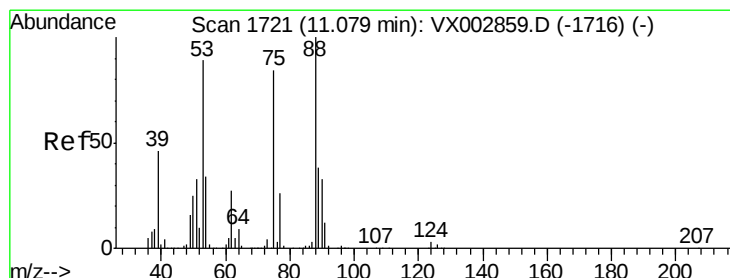
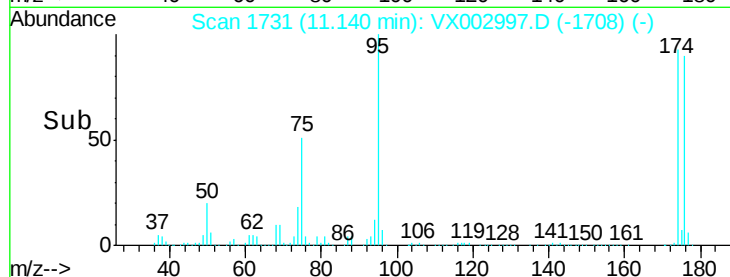
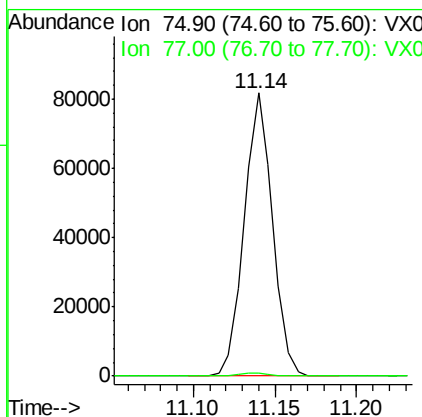
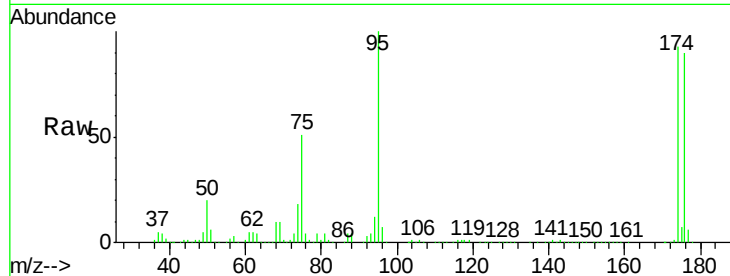




#76
 1,2,3-Trichloropropane
 Concen: 26.13 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

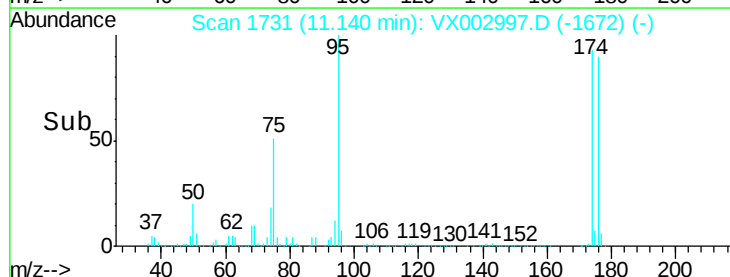
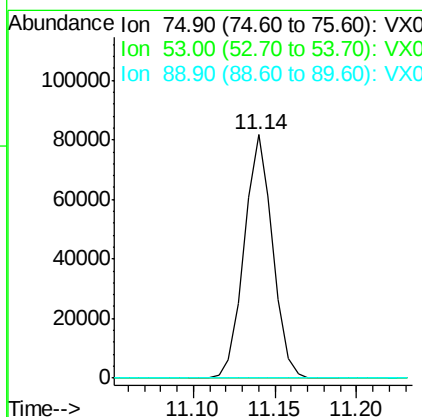
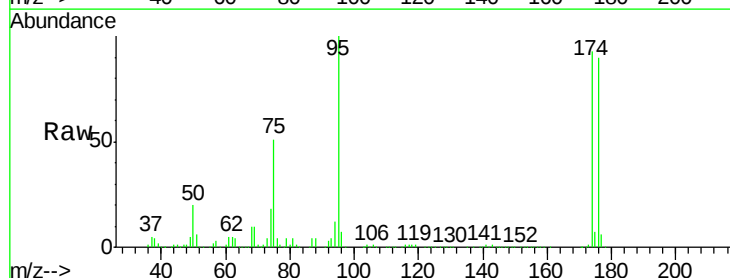
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW347-180620

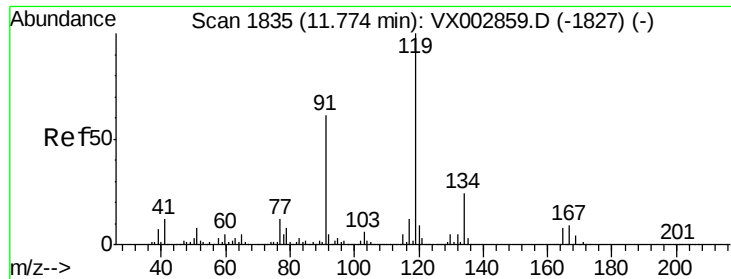
Tot Ion: 75 Resp: 99035
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.08 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002997.D
 Acq: 28 Jun 2018 20:33

Tgt Ion: 75 Resp: 99035
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.0 38.2 57.2#

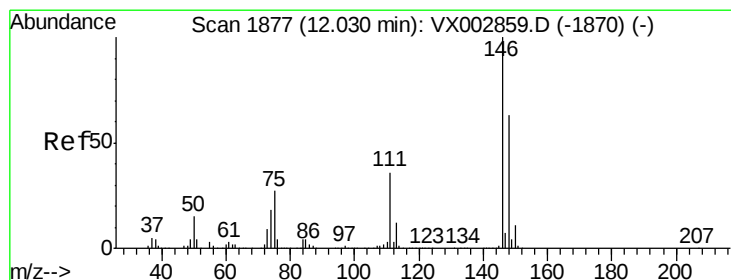
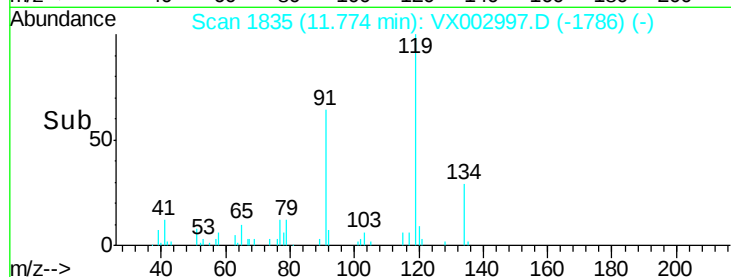
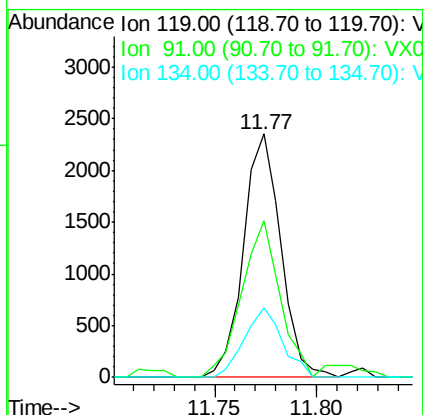
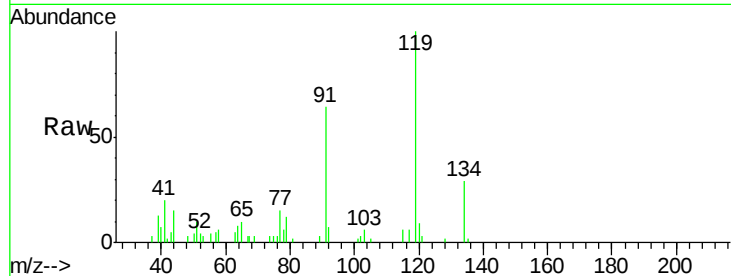




#83
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

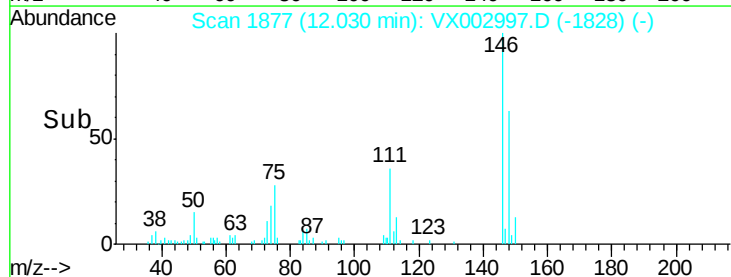
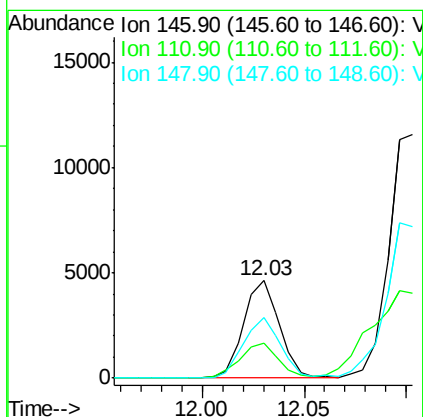
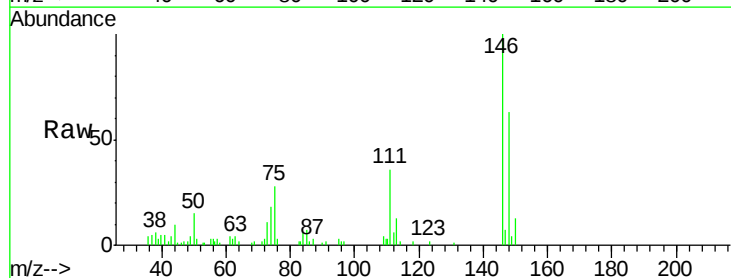
Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-180620

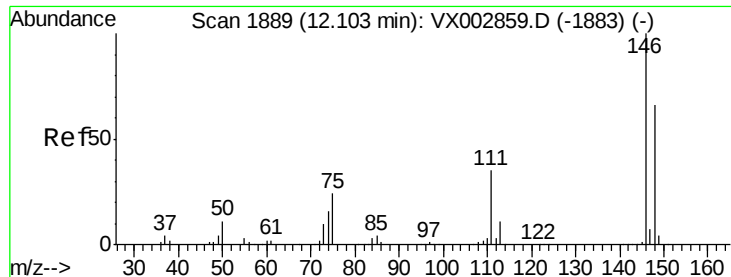
Tot Ion:119 Resp: 2991
Ion Ratio Lower Upper
119 100
91 65.9 30.3 90.9
134 29.2 11.7 35.1



#87
1,3-Dichlorobenzene
Concen: 0.77 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002997.D
Acq: 28 Jun 2018 20:33

Tgt Ion:146 Resp: 5637
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 64.5 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 1.93 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

Instrument :

MSVOA_X

ClientSampleId :

WP021MW347-180620

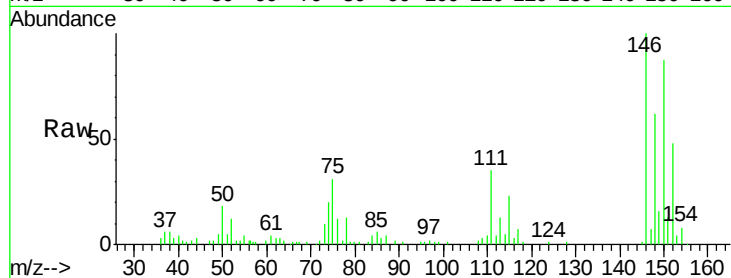
Tot Ion:146 Resp: 14548

Ion Ratio Lower Upper

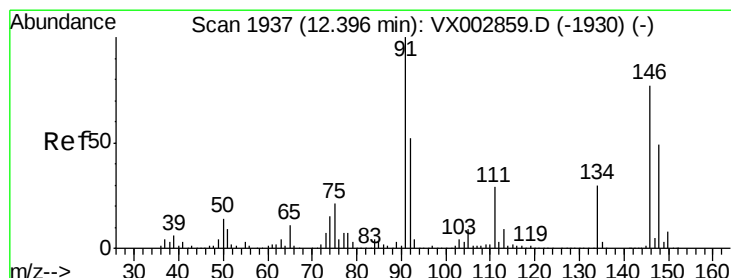
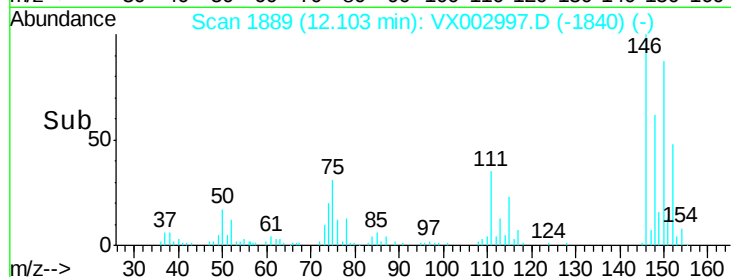
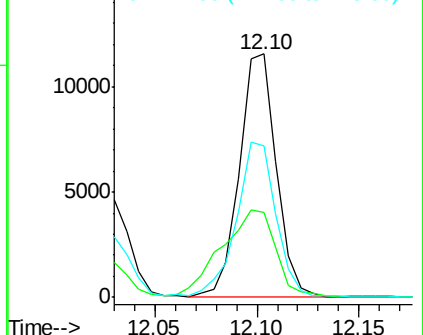
146 100

111 53.1 18.7 56.1

148 69.1 32.4 97.0



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



#91

1,2-Dichlorobenzene

Concen: 2.91 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002997.D

Acq: 28 Jun 2018 20:33

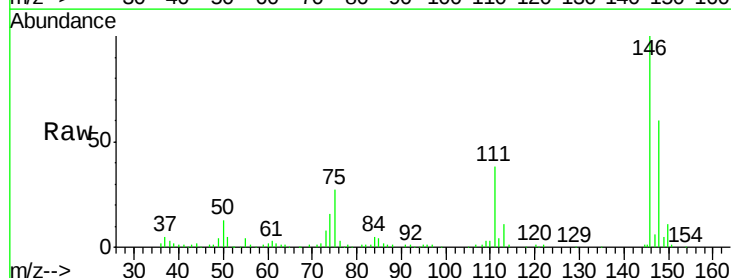
Tgt Ion:146 Resp: 21473

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.1

148 64.1 31.7 95.1



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

