

Data File : VX001241.D

Acq On : 29 Apr 2018 03:53

Operator : JC/MD

Sample : J2600-12

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 38 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP01-20180424

Quant Time: Apr 30 01:43:44 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	186945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	257097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141691	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.51	113	113621	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	8.72	98	430138	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	144654	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	934	0.45	ug/l	# 83
4) Vinyl Chloride	1.40	62	452	0.21	ug/l	# 65
5) Bromomethane	1.66	94	412	Below	Cal	83
10) Methyl Iodide	2.51	142	344	7.38	ug/l	93
11) Tert butyl alcohol	3.07	59	2121	3.71	ug/l	# 86
13) Acrolein	2.29	56	48	0.22	ug/l	# 1
14) Allyl chloride	2.62	41	2317	0.67	ug/l	# 66
16) Acetone	2.45	43	24946	20.93	ug/l	98
25) 2-Butanone	4.72	43	7959	4.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1687	0.74	ug/l	85
36) 1,1-Dichloropropene	5.67	75	11885	4.19	ug/l	# 49
37) Ethyl Acetate	4.72	43	7959	2.35	ug/l	# 69
38) Carbon Tetrachloride	5.67	117	15807	5.44	ug/l	# 16
44) Trichloroethene	7.23	130	3111	1.27	ug/l	76
59) 2-Hexanone	9.51	43	836	0.30	ug/l	64
60) Dibromochloromethane	9.35	129	192	3.41	ug/l	# 11
76) 1,2,3-Trichloropropane	11.14	75	76335	28.30	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	76335	85.86	ug/l	# 6
90) Hexachloroethane	12.71	117	461	3.71	ug/l	# 1

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

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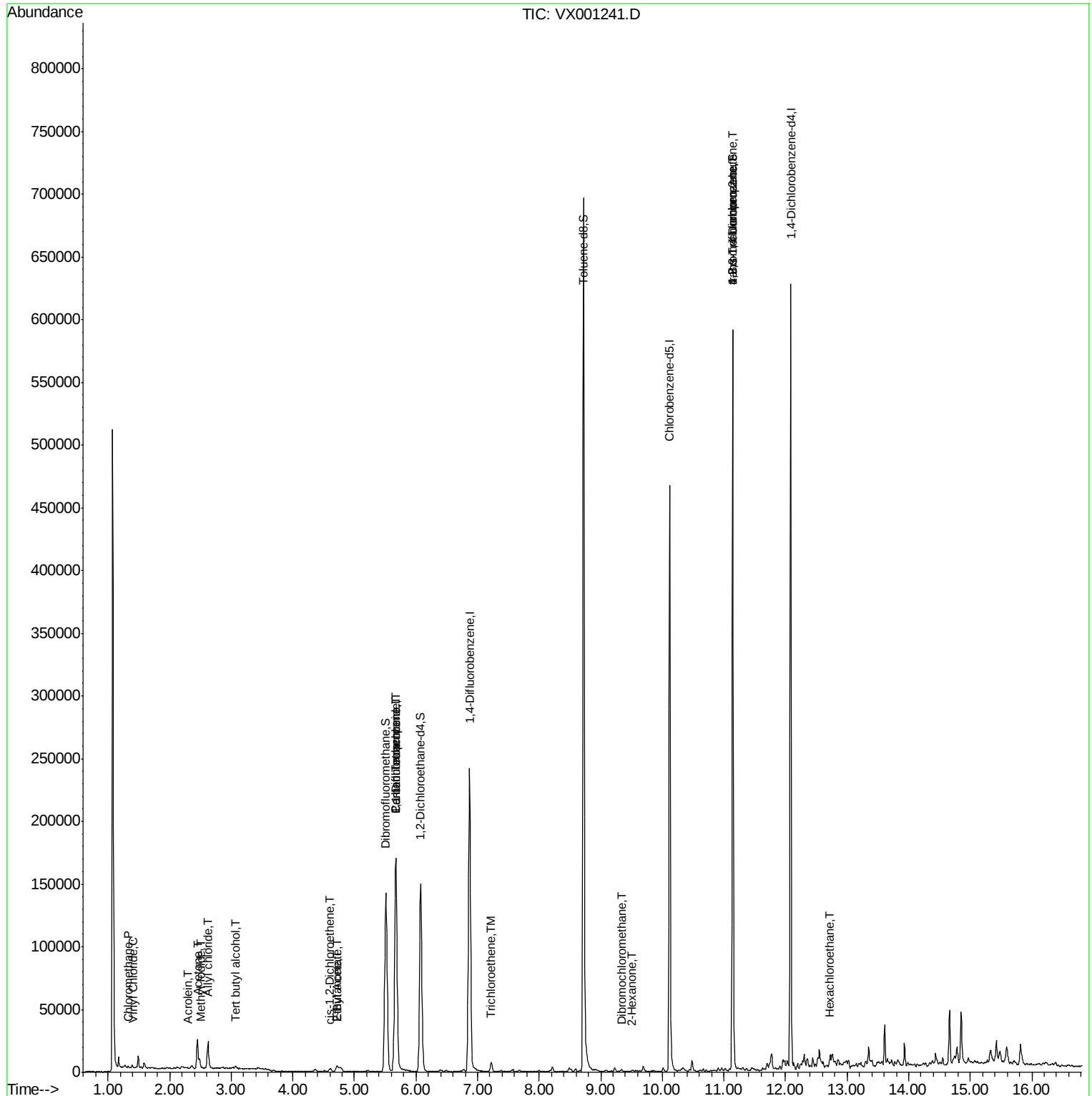
Quant Time: Apr 30 01:43:44 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

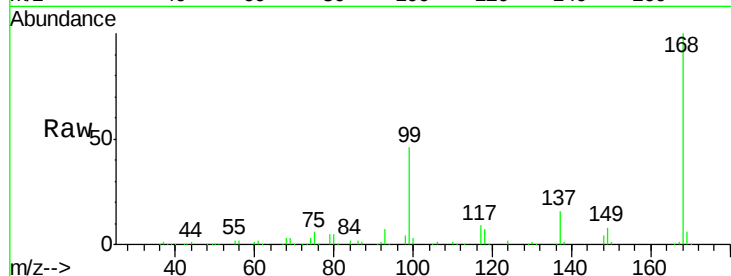
BP-DUP01-20180424

Tgt Ion:168 Resp: 186945

Ion Ratio Lower Upper

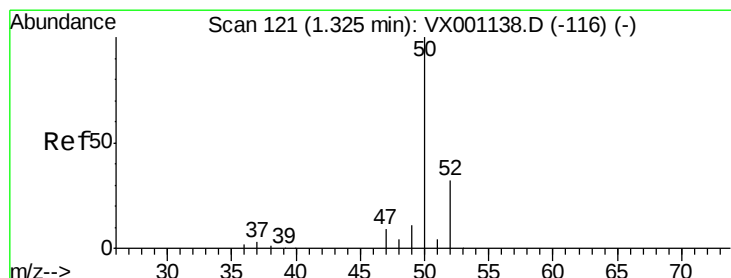
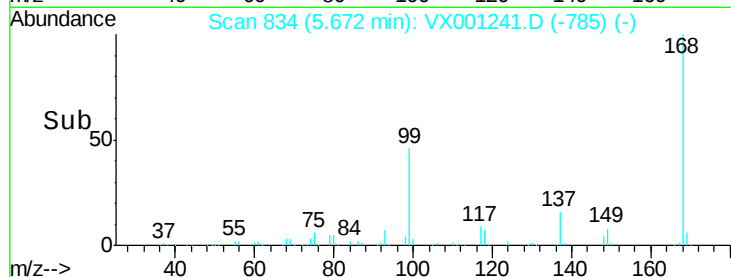
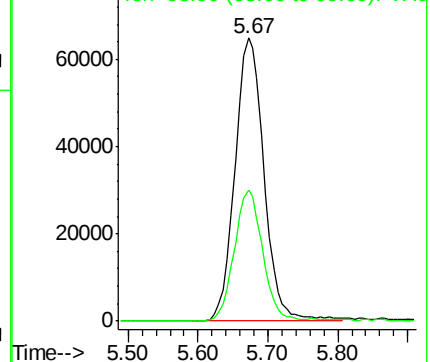
168 100

99 46.2 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.45 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001241.D

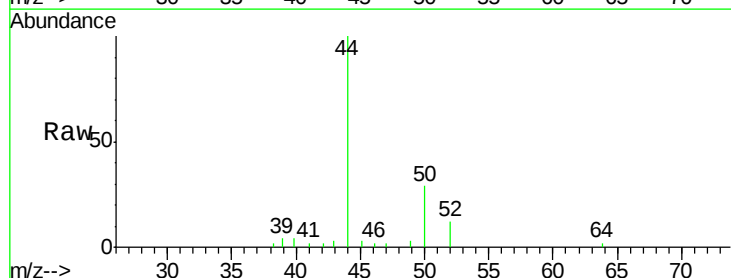
Acq: 29 Apr 2018 03:53

Tgt Ion: 50 Resp: 934

Ion Ratio Lower Upper

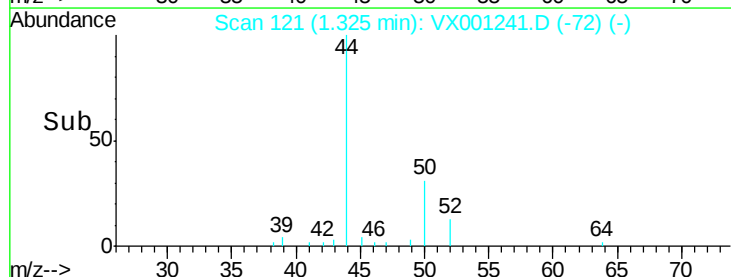
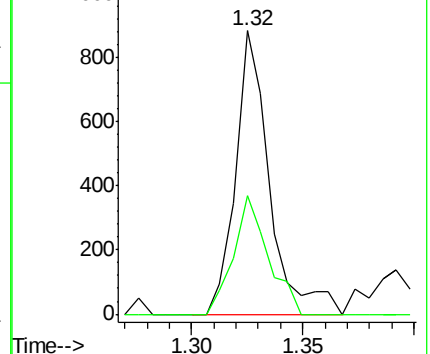
50 100

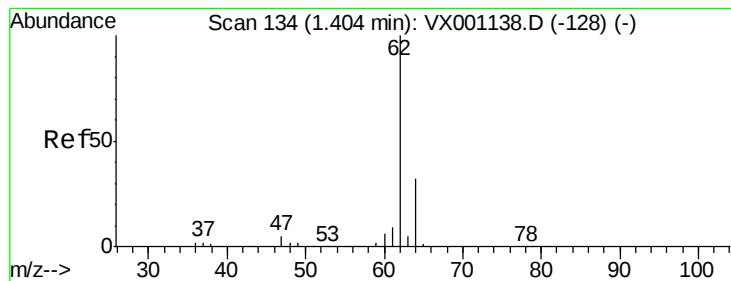
52 41.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

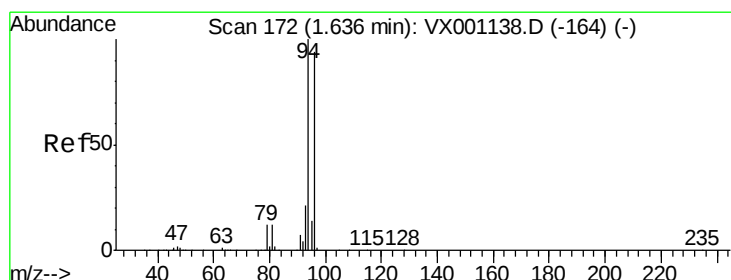
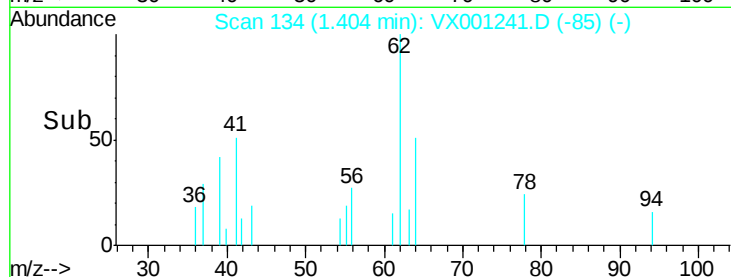
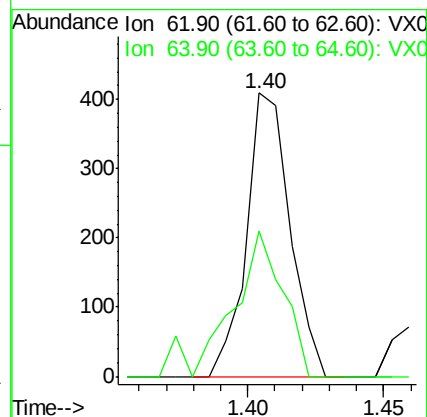
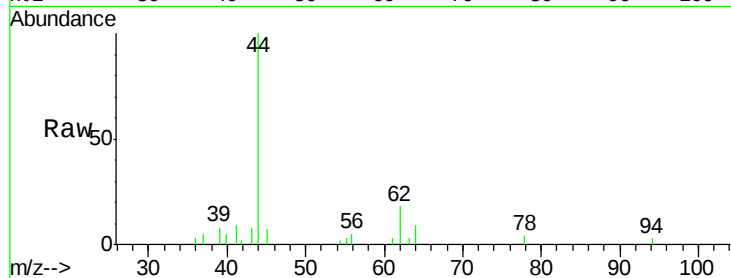
BP-DUP01-20180424

Tgt Ion: 62 Resp: 452

Ion Ratio Lower Upper

62 100

64 51.3 25.6 38.4#



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001241.D

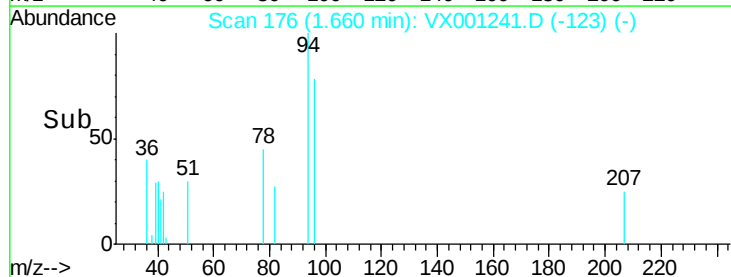
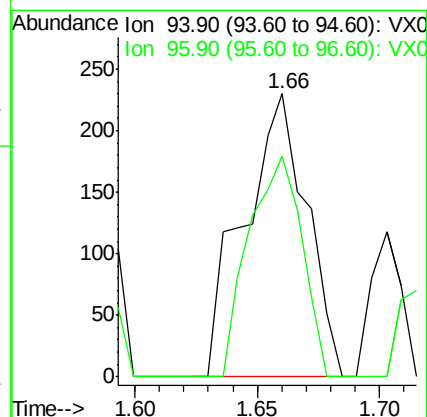
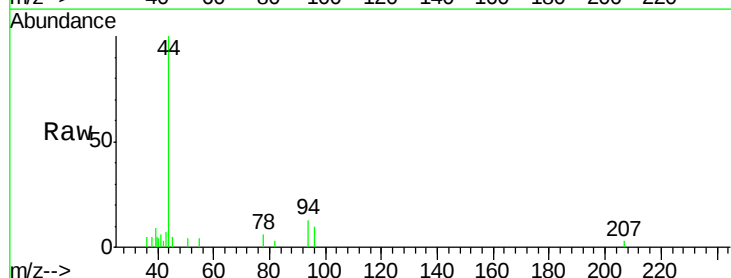
Acq: 29 Apr 2018 03:53

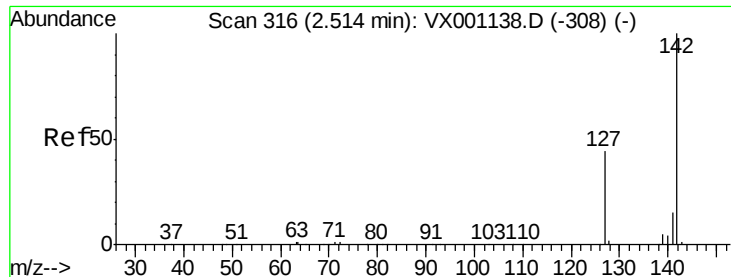
Tgt Ion: 94 Resp: 412

Ion Ratio Lower Upper

94 100

96 77.8 75.3 112.9

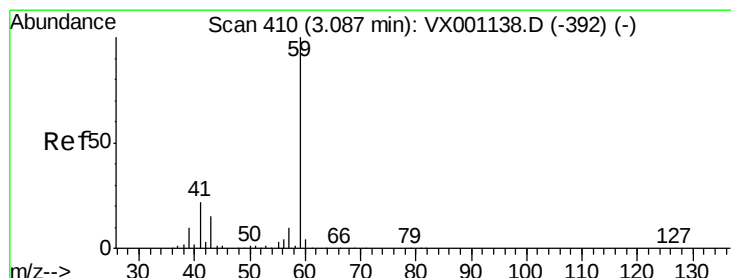
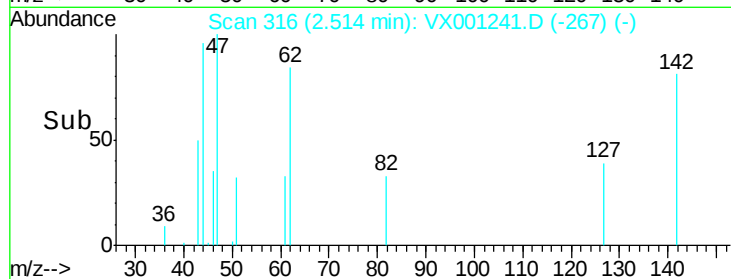
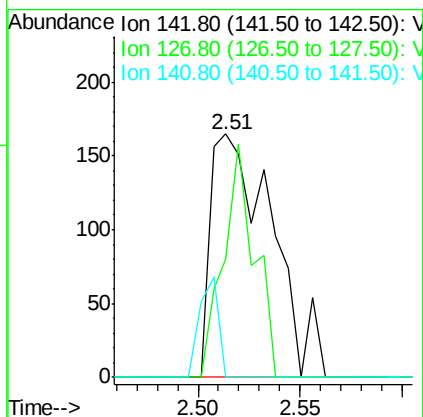
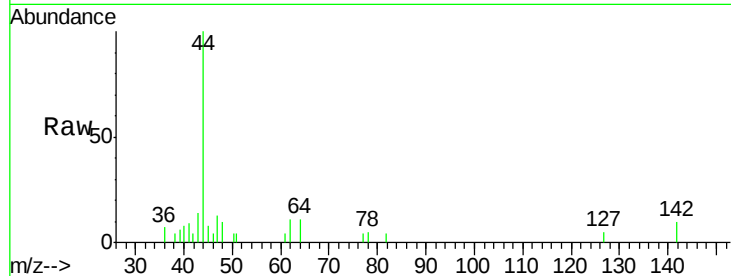




#10
Methyl Iodide
Concen: 7.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

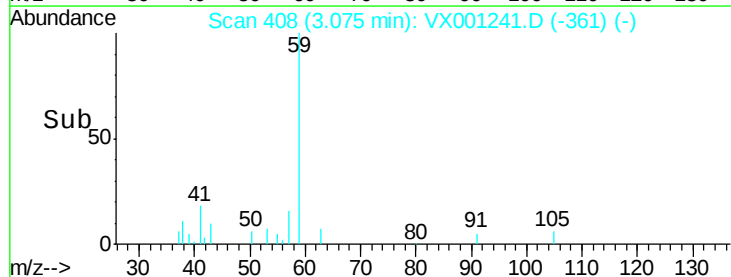
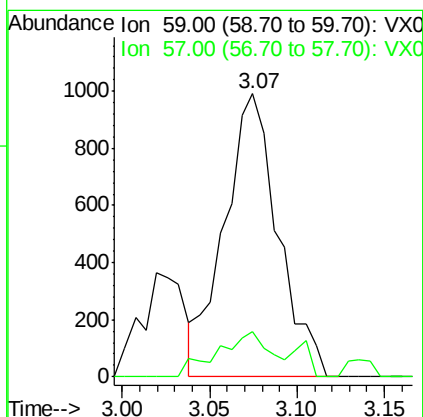
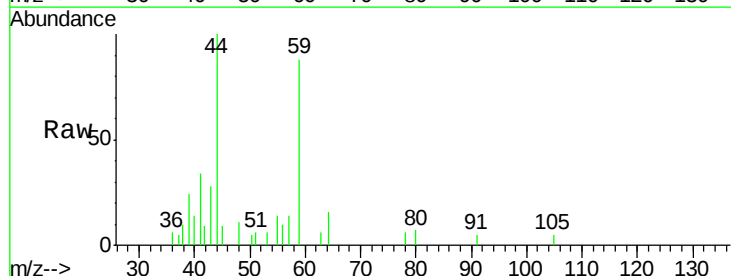
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20180424

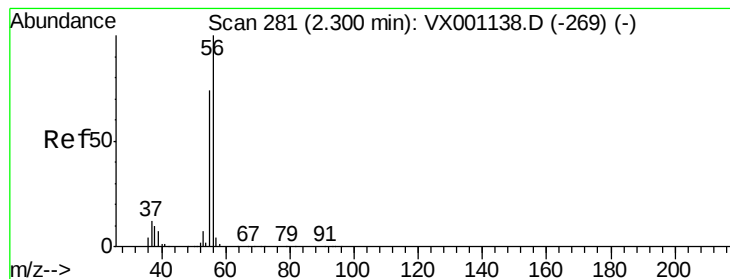
Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
127 48.5 34.7 52.1
141 12.8 11.6 17.4



#11
Tert butyl alcohol
Concen: 3.71 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Tgt Ion: 59 Resp: 2121
Ion Ratio Lower Upper
59 100
57 15.7 8.2 12.4#





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

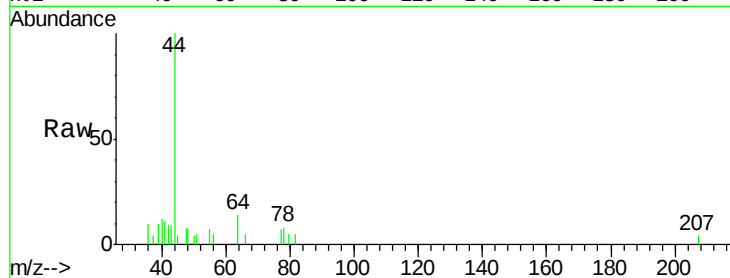
BP-DUP01-20180424

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

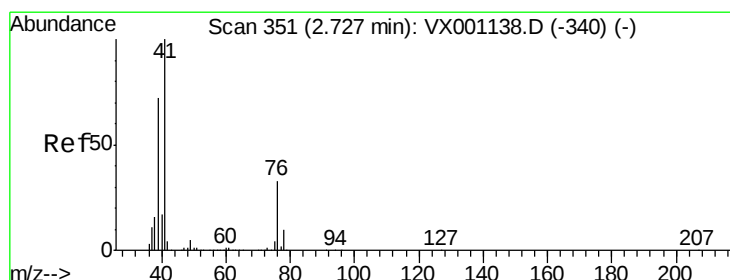
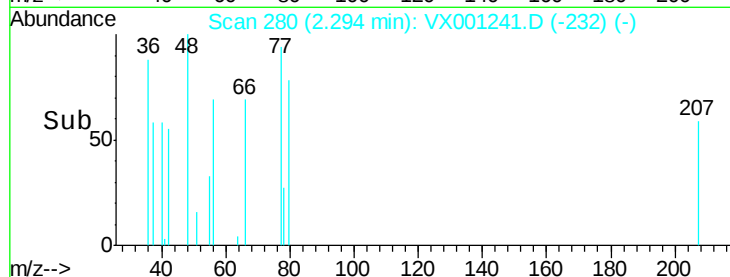
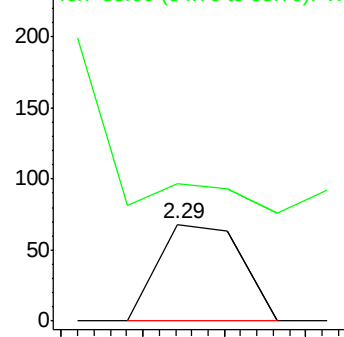
56 100

55 1114.6 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.67 ug/l

RT: 2.62 min Scan# 333

Delta R.T. -0.11 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

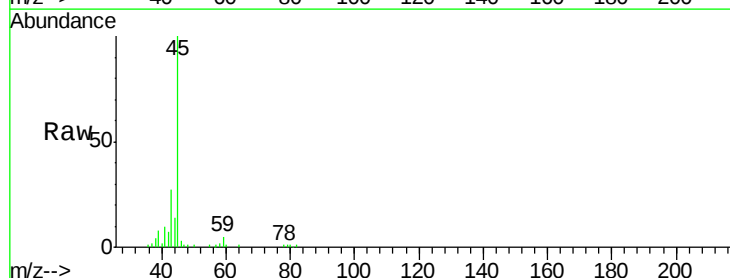
Tgt Ion: 41 Resp: 2317

Ion Ratio Lower Upper

41 100

39 88.9 55.6 83.4#

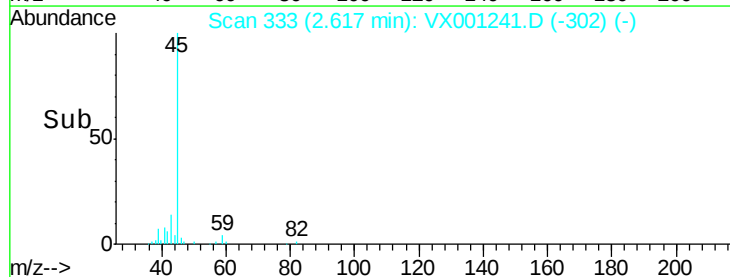
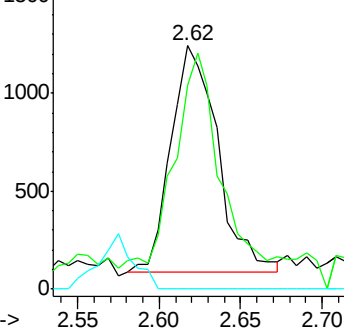
76 0.0 24.8 37.2#

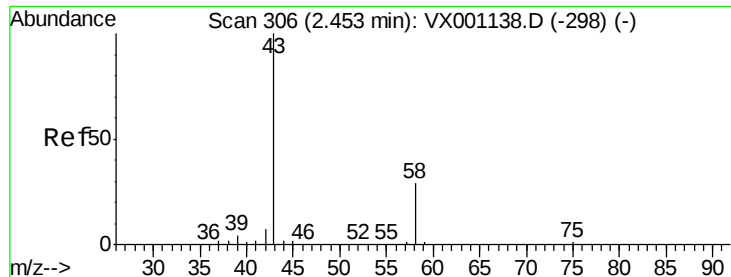


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 20.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

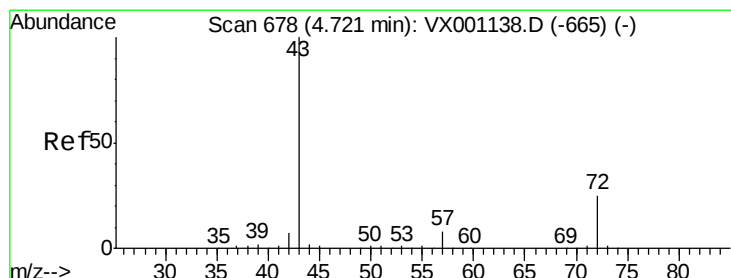
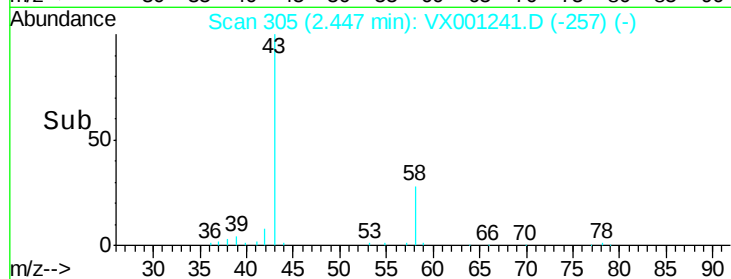
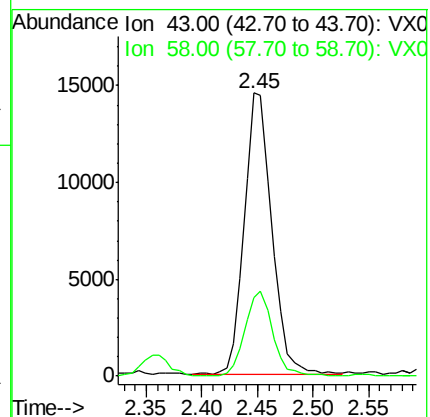
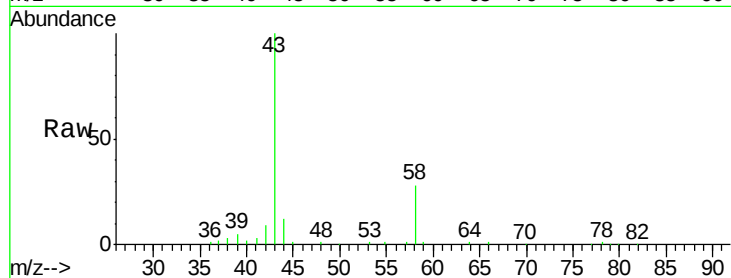
BP-DUP01-20180424

Tgt Ion: 43 Resp: 24946

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.6



#25

2-Butanone

Concen: 4.46 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001241.D

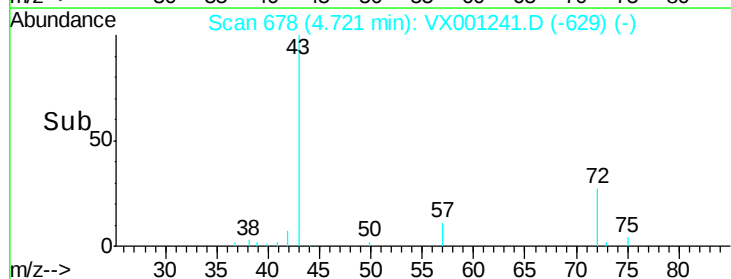
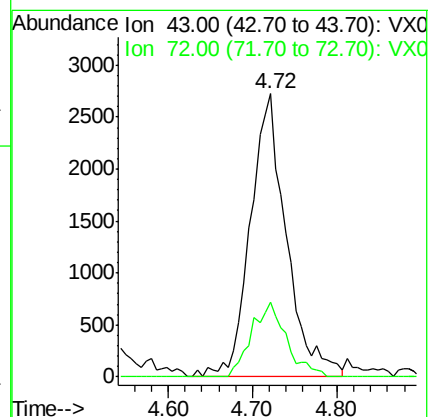
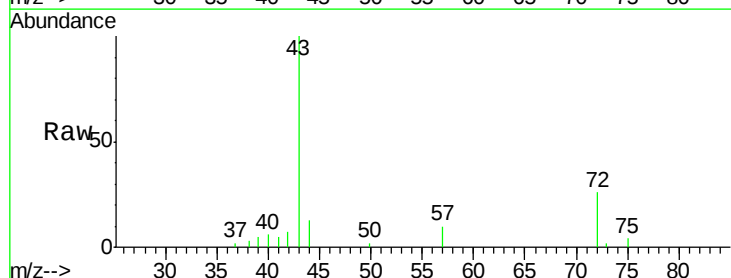
Acq: 29 Apr 2018 03:53

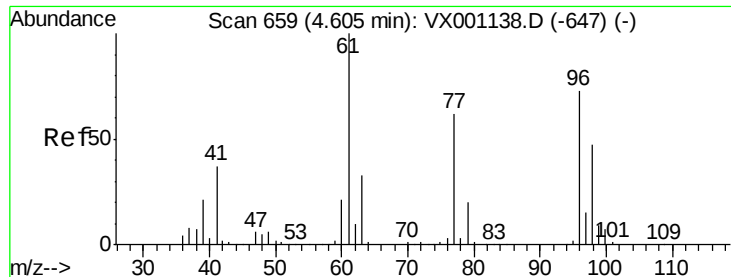
Tgt Ion: 43 Resp: 7959

Ion Ratio Lower Upper

43 100

72 26.2 20.0 30.0





#27

cis-1,2-Dichloroethene

Concen: 0.74 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

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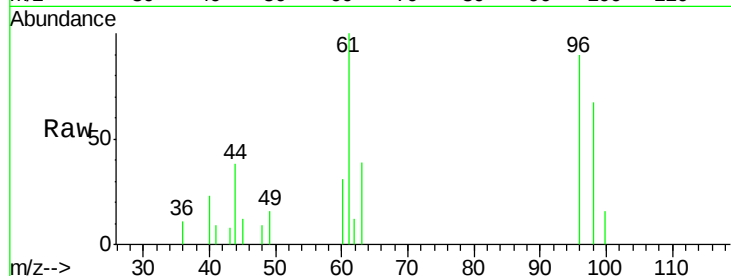
Tgt Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 118.9 0.0 289.0

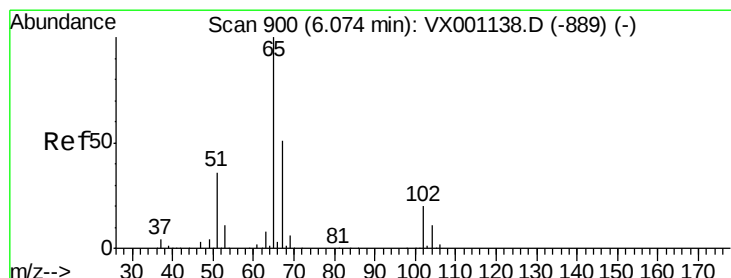
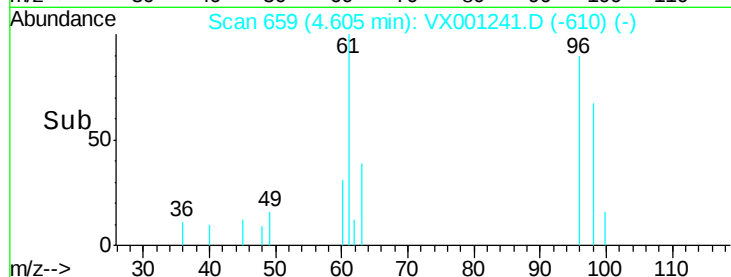
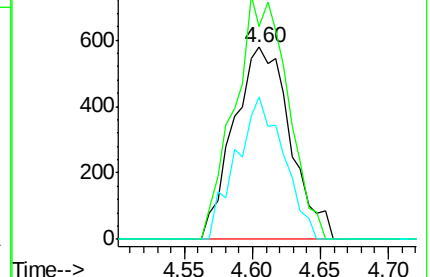
98 62.2 0.0 128.2



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



#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001241.D

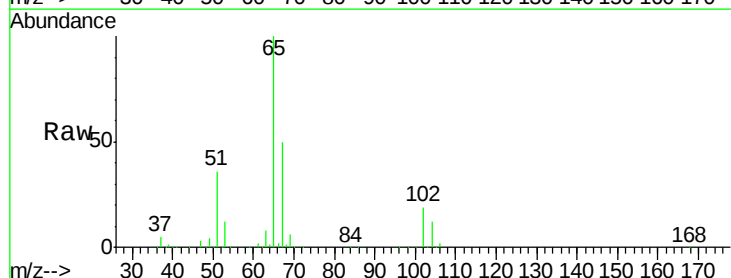
Acq: 29 Apr 2018 03:53

Tgt Ion: 65 Resp: 141691

Ion Ratio Lower Upper

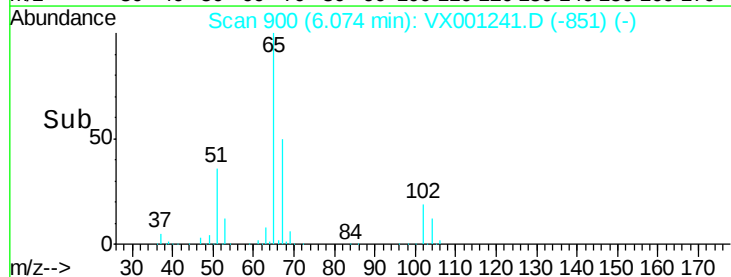
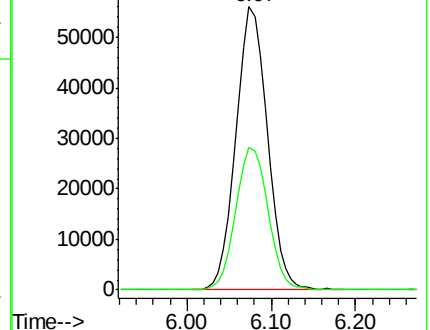
65 100

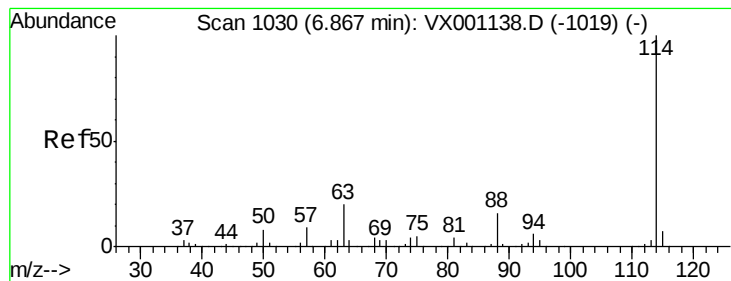
67 51.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

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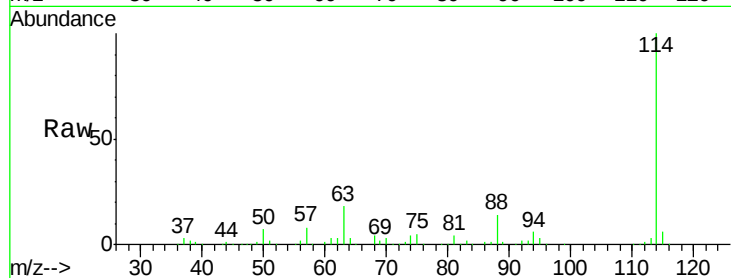
Tgt Ion:114 Resp: 257097

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.4

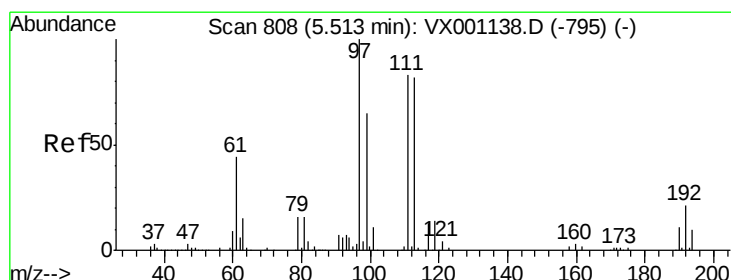
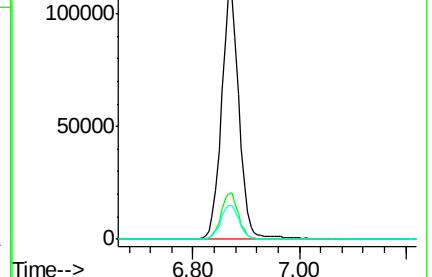
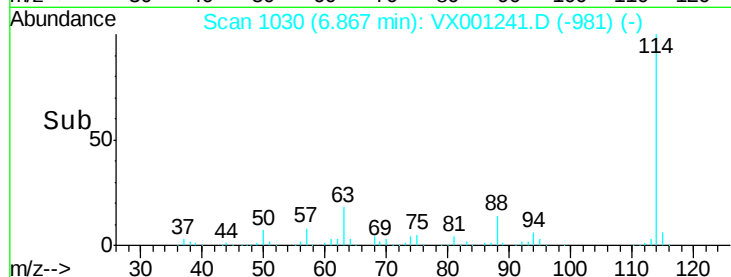
88 13.9 0.0 31.8



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: 53.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

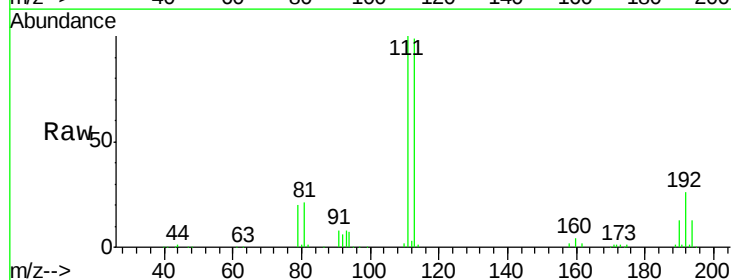
Tgt Ion:113 Resp: 113621

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

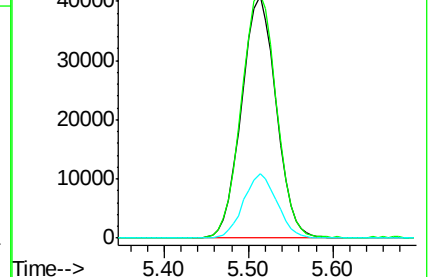
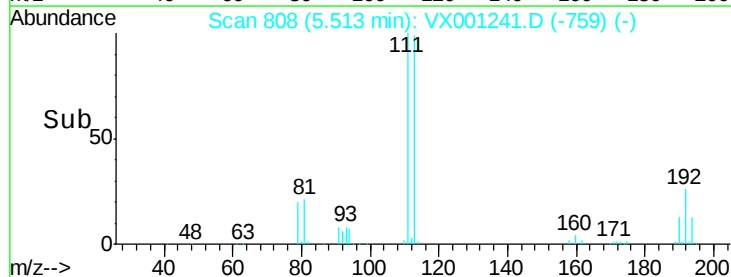
192 25.7 20.6 30.8

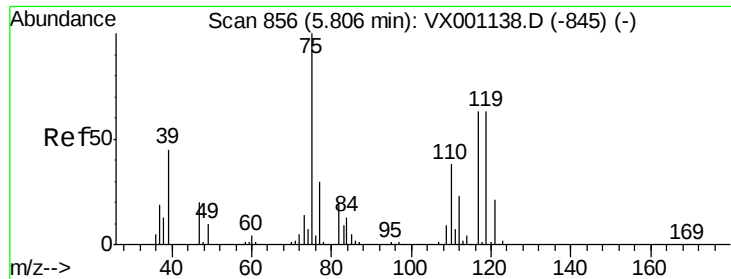


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

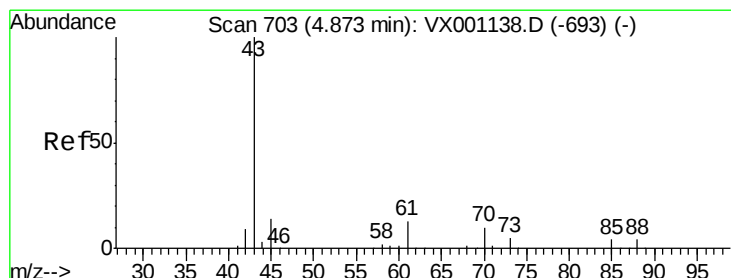
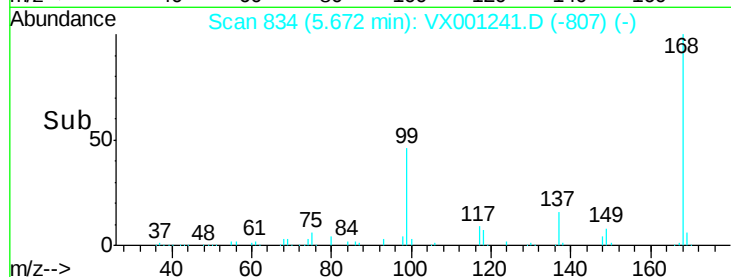
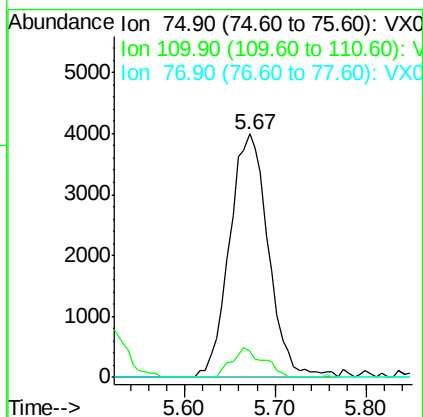
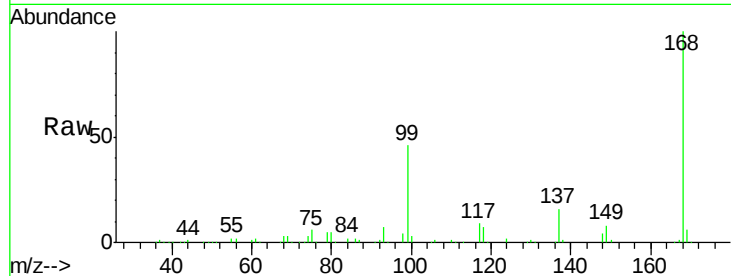




#36
 1,1-Dichloropropene
 Concen: 4.19 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001241.D
 Acq: 29 Apr 2018 03:53

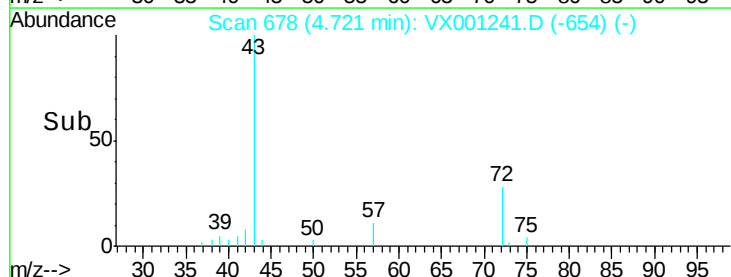
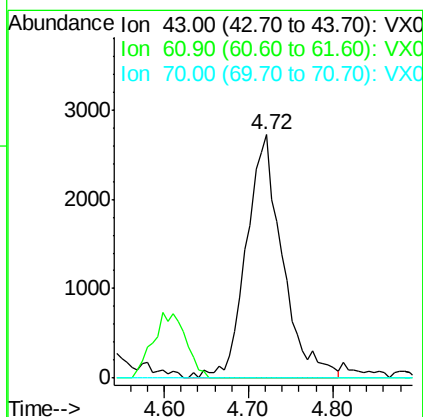
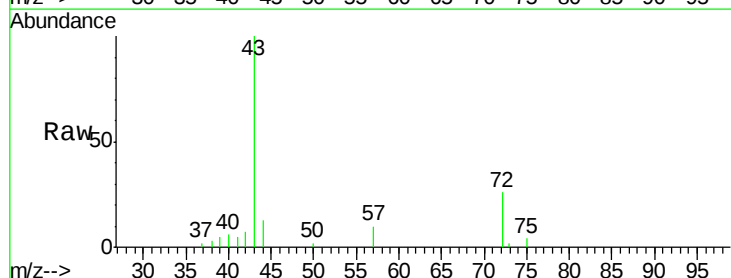
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20180424

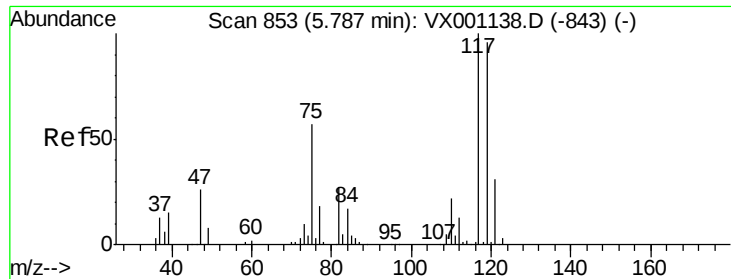
Tgt Ion: 75 Resp: 11885
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.0 57.0#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 2.35 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.15 min
 Lab File: VX001241.D
 Acq: 29 Apr 2018 03:53

Tgt Ion: 43 Resp: 7959
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 5.44 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP01-20180424

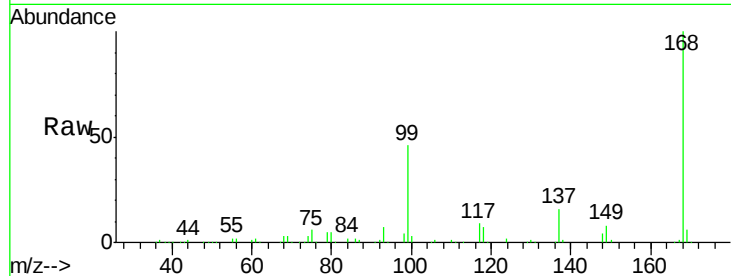
Tgt Ion:117 Resp: 15807

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

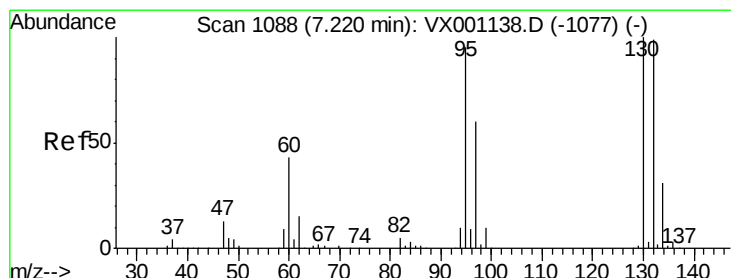
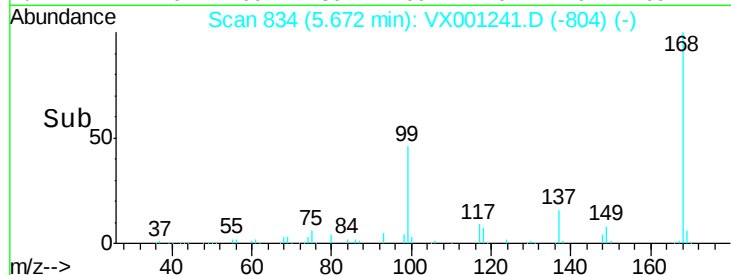
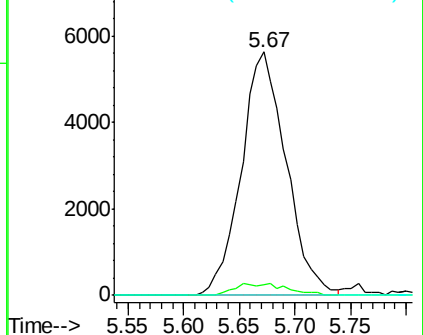
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 1.27 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX001241.D

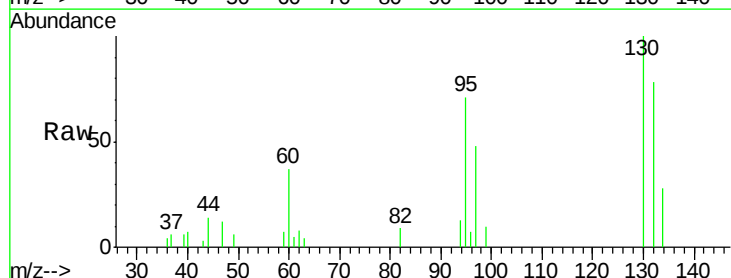
Acq: 29 Apr 2018 03:53

Tgt Ion:130 Resp: 3111

Ion Ratio Lower Upper

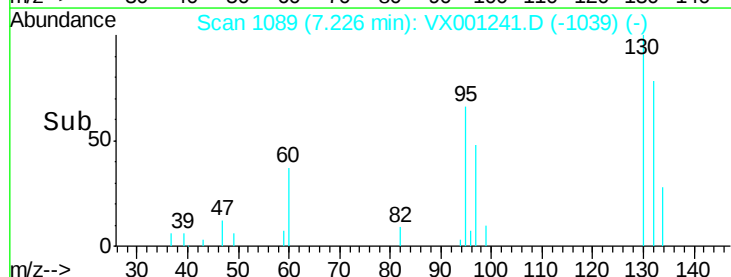
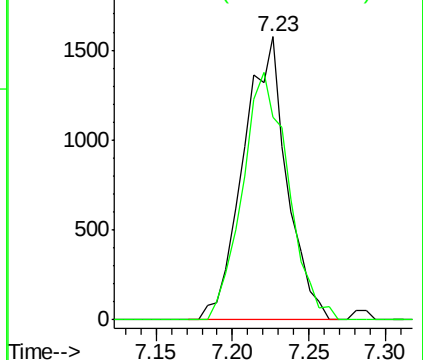
130 100

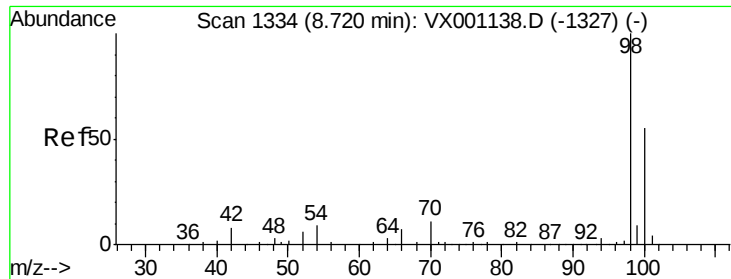
95 71.5 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

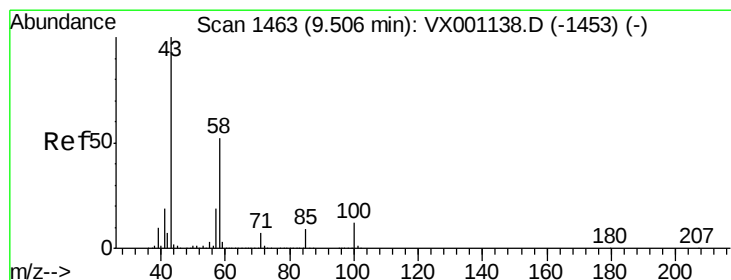
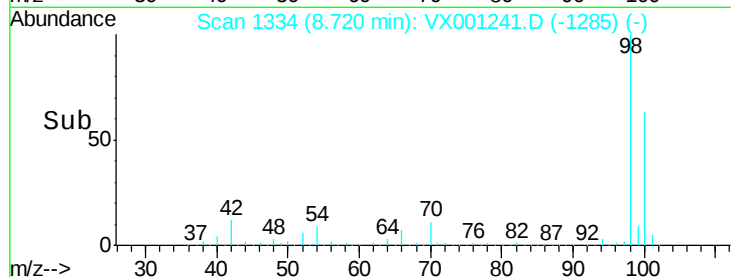
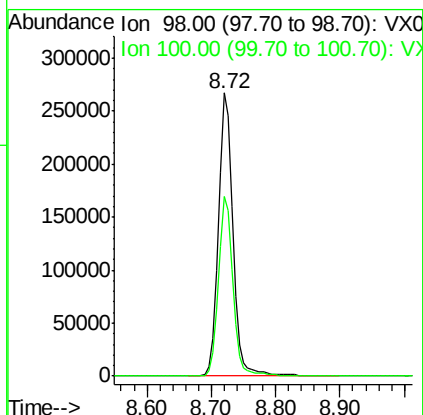
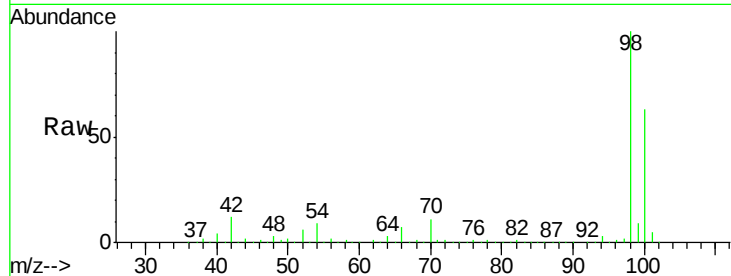




#50
Toluene-d8
Concen: 53.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

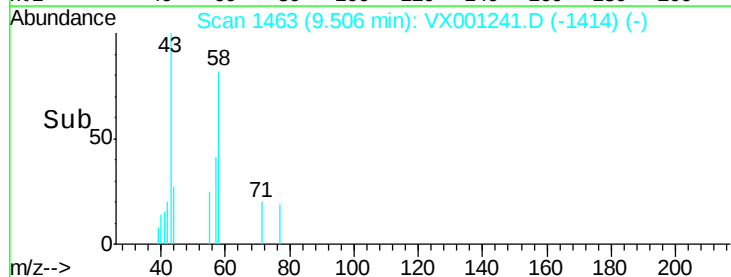
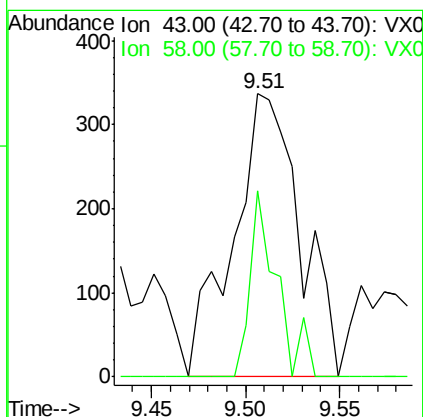
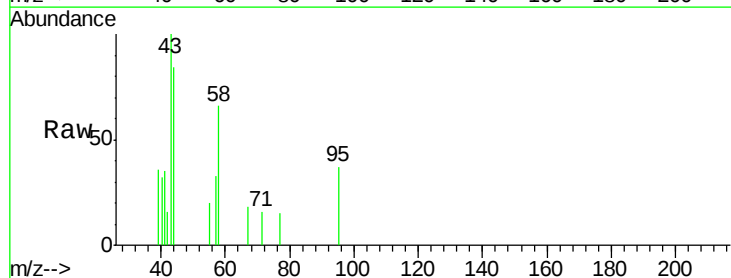
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20180424

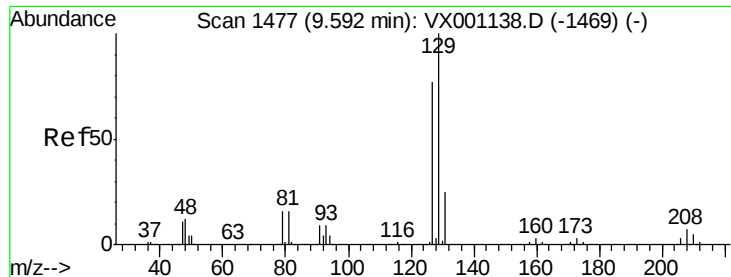
Tgt Ion: 98 Resp: 430138
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#59
2-Hexanone
Concen: 0.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 26.2 25.8 77.4

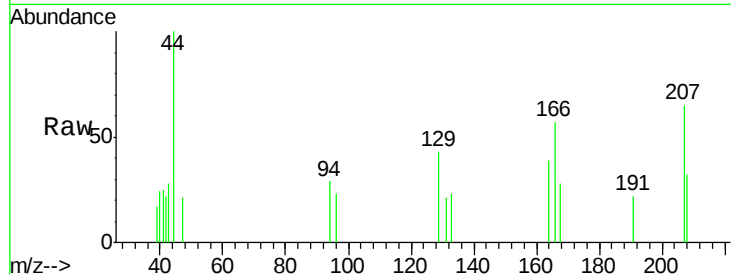




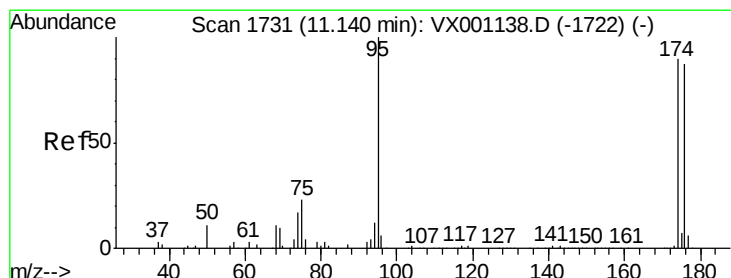
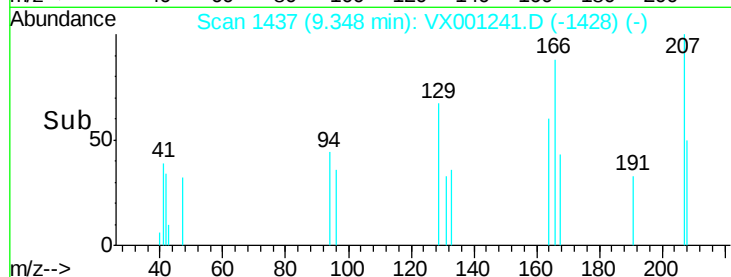
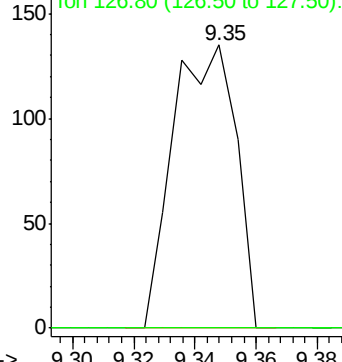
#60
Dibromochloromethane
Concen: 3.41 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20180424

Tgt Ion: 129 Resp: 192
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

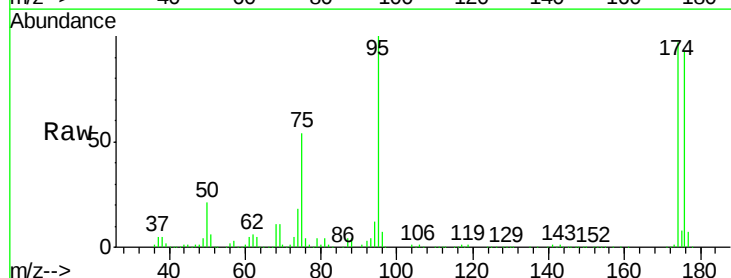


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

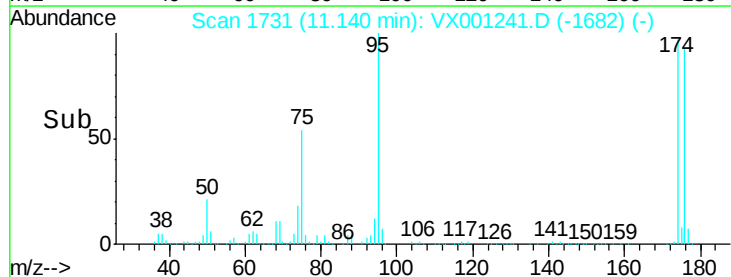
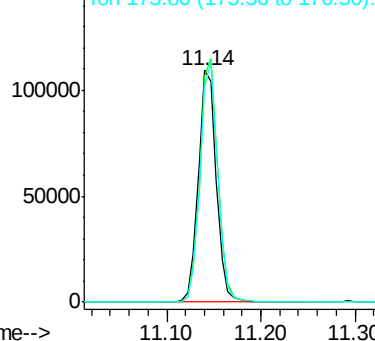


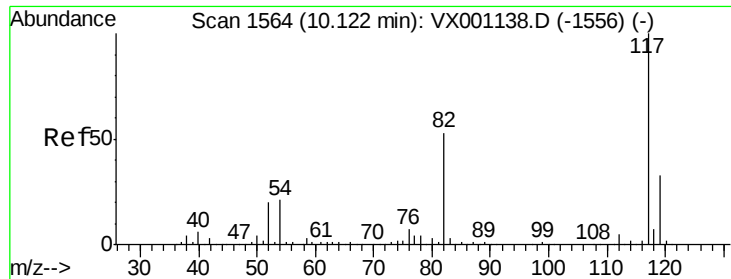
#62
4-Bromofluorobenzene
Concen: 46.11 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Tgt Ion: 95 Resp: 144654
Ion Ratio Lower Upper
95 100
174 105.0 0.0 194.4
176 101.7 0.0 190.2



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

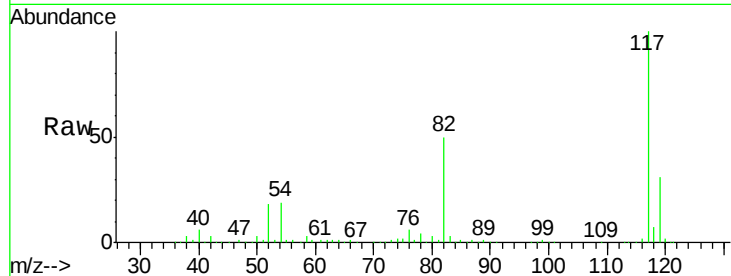




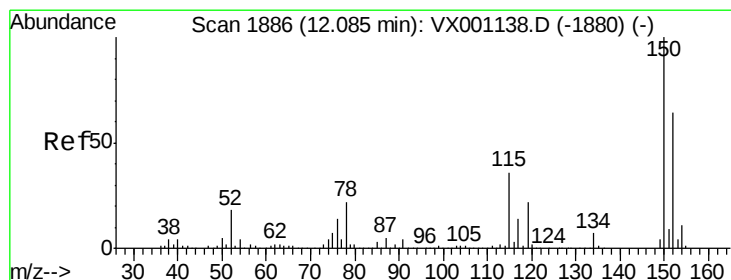
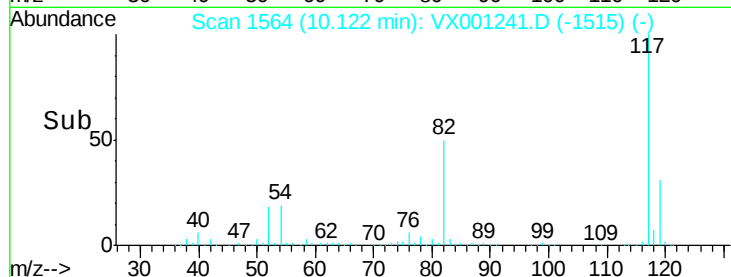
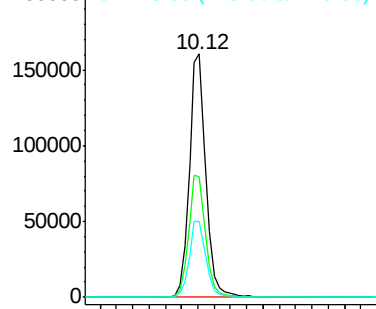
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20180424

Tgt Ion:117 Resp: 228418
Ion Ratio Lower Upper
117 100
82 49.6 42.1 63.1
119 31.4 26.1 39.1

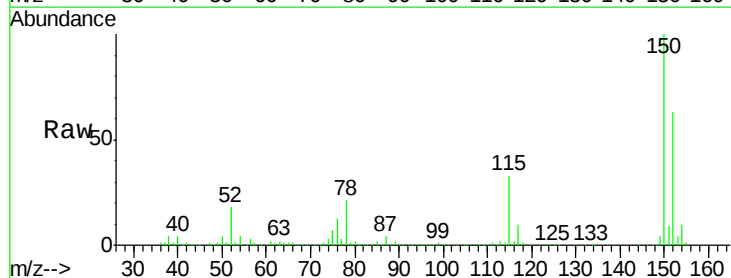


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

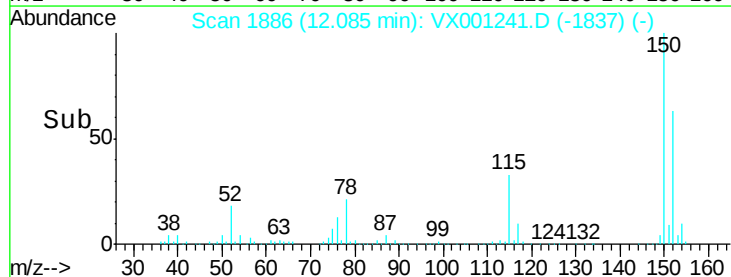
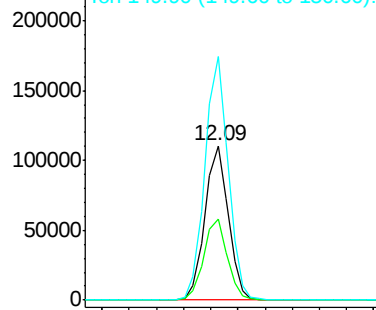


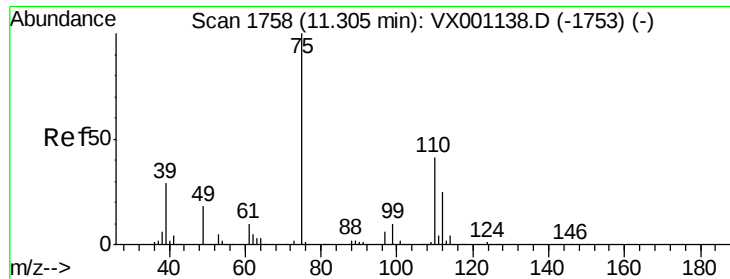
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001241.D
Acq: 29 Apr 2018 03:53

Tgt Ion:152 Resp: 132449
Ion Ratio Lower Upper
152 100
115 53.2 38.0 114.0
150 156.8 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

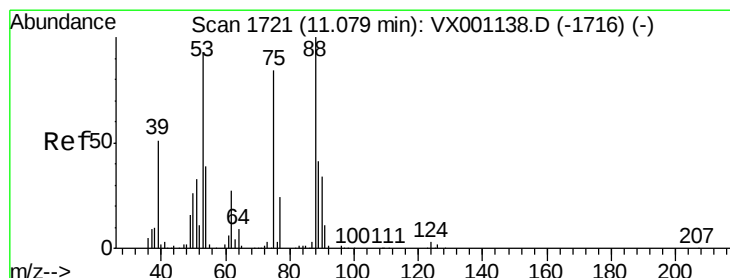
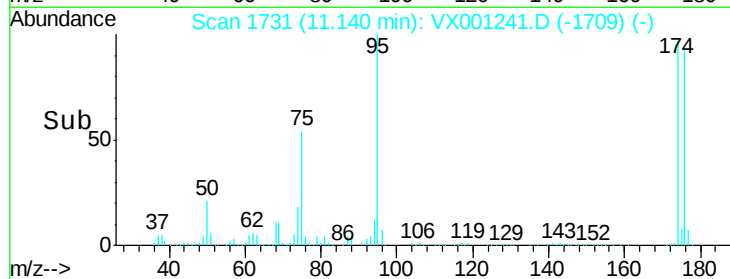
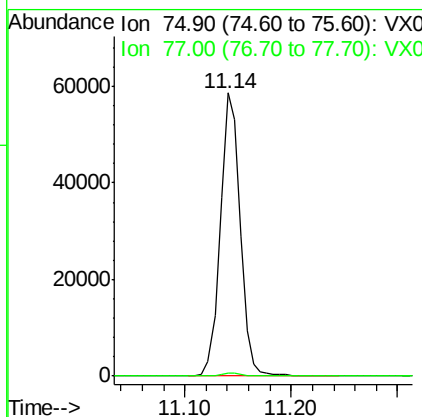
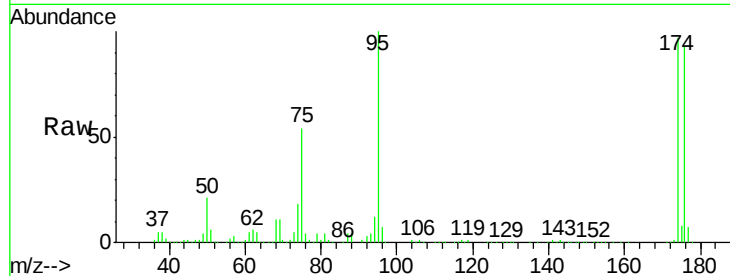




#76
 1,2,3-Trichloropropane
 Concen: 28.30 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001241.D
 Acq: 29 Apr 2018 03:53

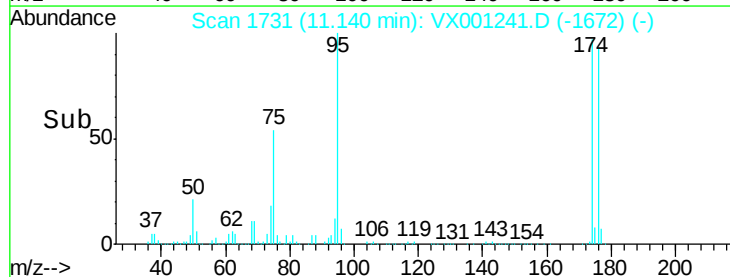
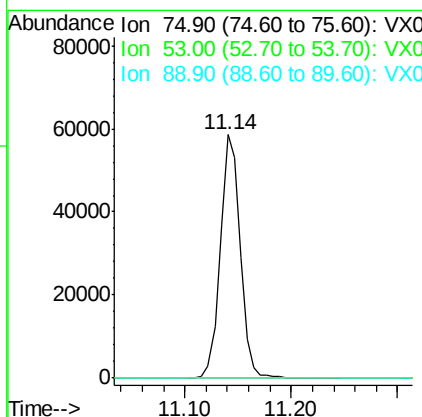
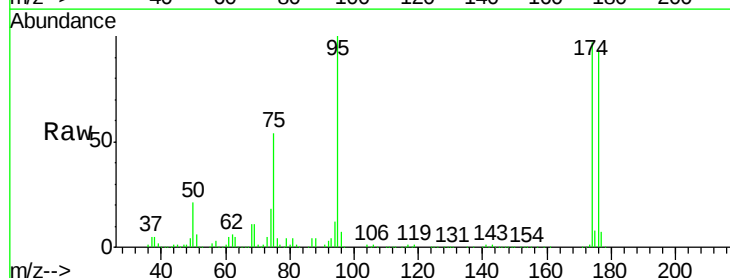
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20180424

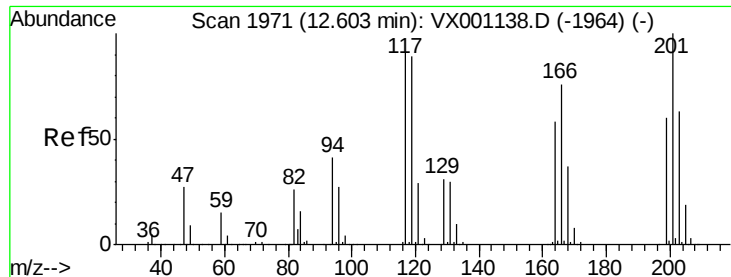
Tgt Ion: 75 Resp: 76335
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001241.D
 Acq: 29 Apr 2018 03:53

Tgt Ion: 75 Resp: 76335
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.9 131.9#
 89 0.0 37.7 56.5#





#90

Hexachloroethane

Concen: 3.71 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VX001241.D

Acq: 29 Apr 2018 03:53

Instrument :

MSVOA_X

ClientSampleId :

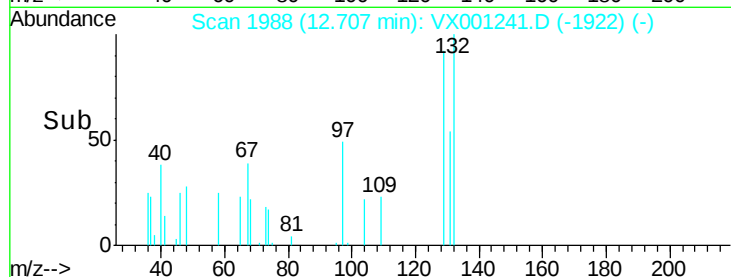
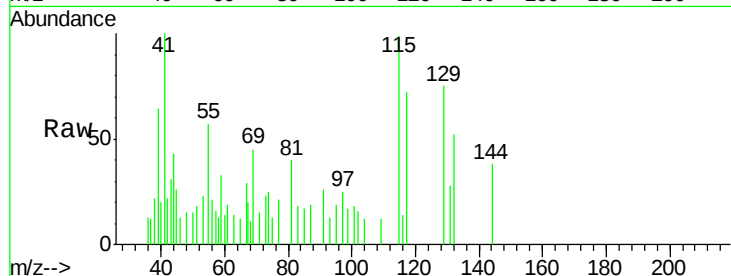
BP-DUP01-20180424

Tgt Ion:117 Resp: 461

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

