

Data File : VX001242.D
Acq On : 29 Apr 2018 04:19
Operator : JC/MD
Sample : J2600-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20180425

Quant Time: Apr 30 01:44:03 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	178722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134566	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	109974	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.72	98	406468	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	134703	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	321	Below Cal		93
10) Methyl Iodide	2.52	142	200	7.33 ug/l #		81
11) Tert butyl alcohol	3.08	59	113	0.21 ug/l #		80
13) Acrolein	2.31	56	63	0.31 ug/l #		66
16) Acetone	2.45	43	6430	5.64 ug/l		95
18) Methyl Acetate	2.78	43	694	0.24 ug/l		94
20) Methylene Chloride	2.87	84	567	0.27 ug/l #		91
31) Cyclohexane	5.67	56	3211	1.09 ug/l #		10
36) 1,1-Dichloropropene	5.67	75	11169	4.09 ug/l #		49
38) Carbon Tetrachloride	5.67	117	15571	5.56 ug/l #		15
76) 1,2,3-Trichloropropane	11.14	75	70238	28.39 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	70238	86.12 ug/l #		6

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

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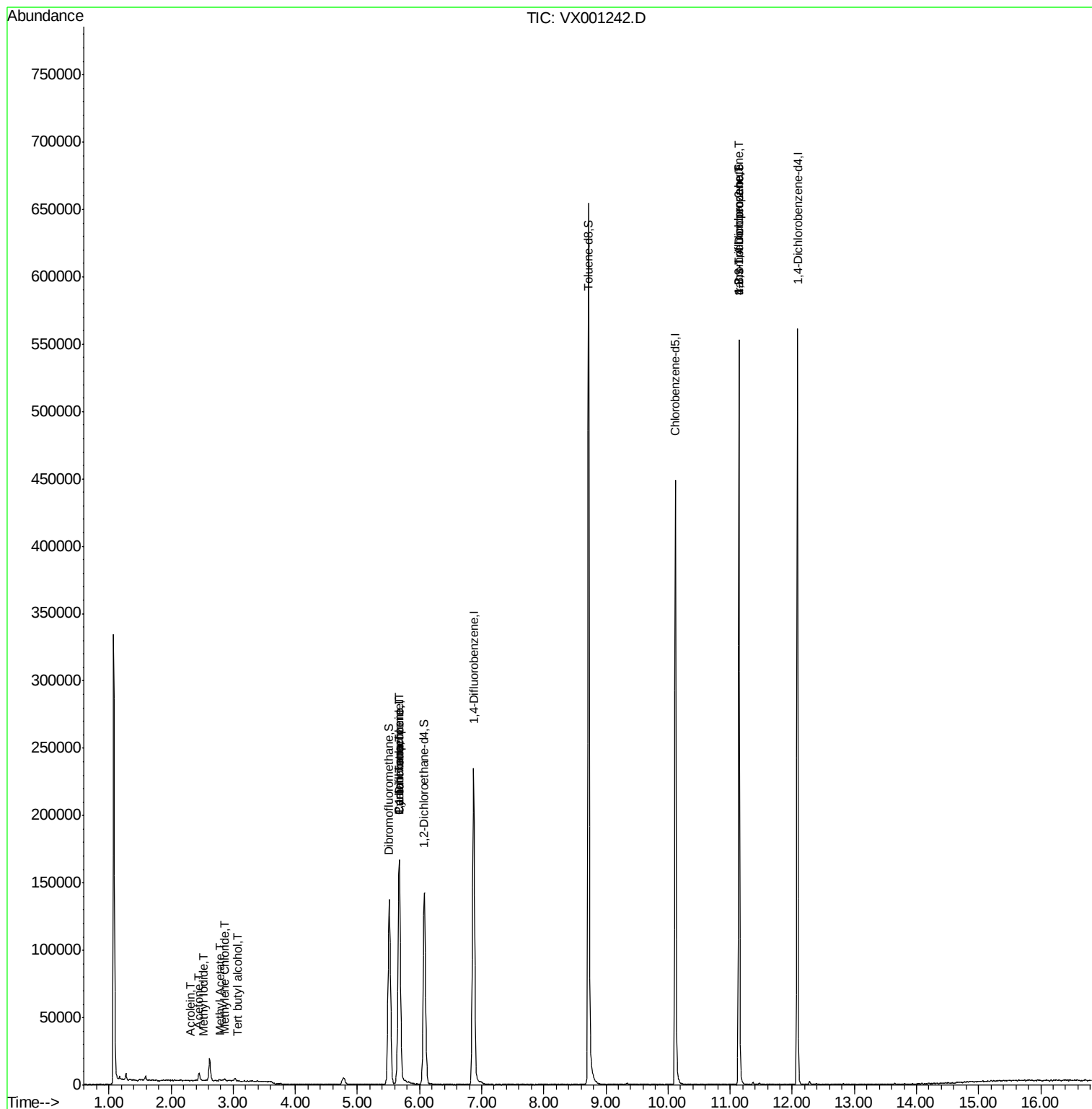
Quant Time: Apr 30 01:44:03 2018

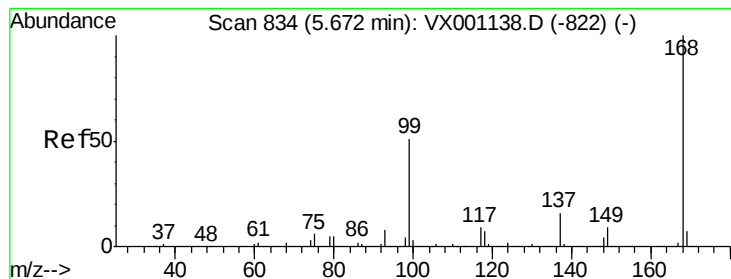
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

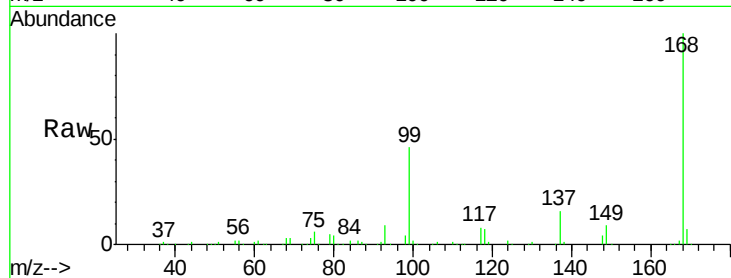
BPS1-TT-MW304S-20180425

Tgt Ion:168 Resp: 178722

Ion Ratio Lower Upper

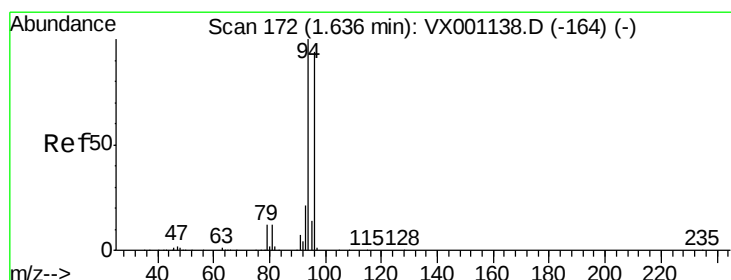
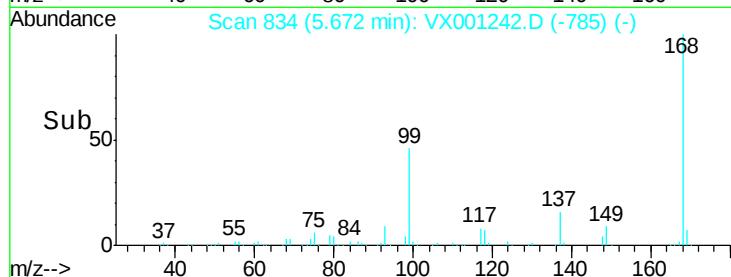
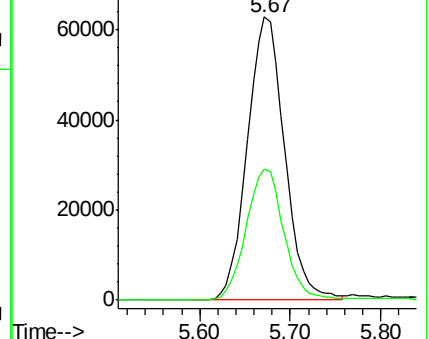
168 100

99 46.5 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001242.D

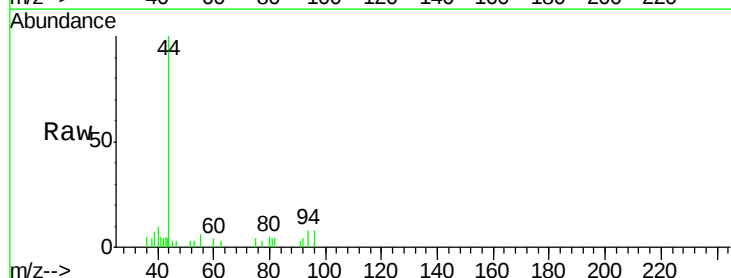
Acq: 29 Apr 2018 04:19

Tgt Ion: 94 Resp: 321

Ion Ratio Lower Upper

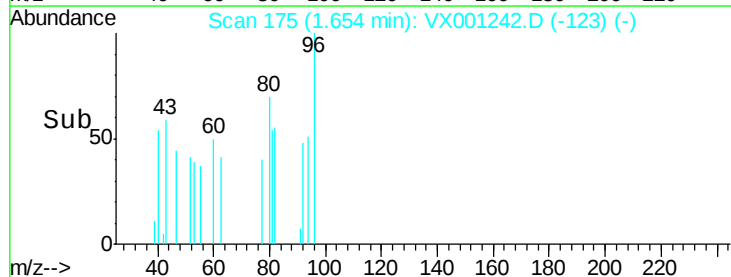
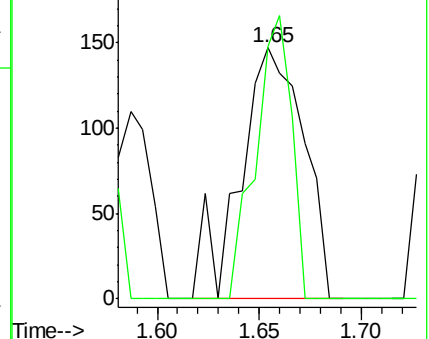
94 100

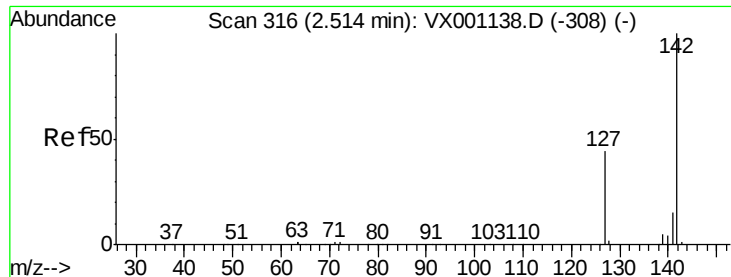
96 100.7 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

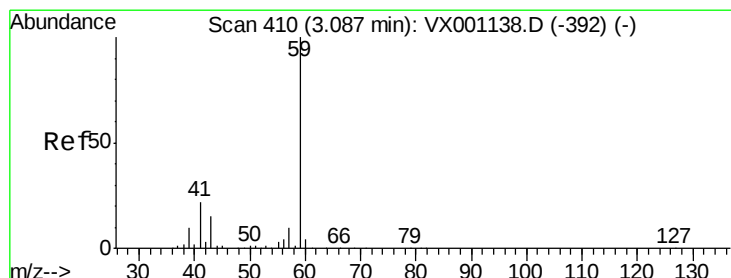
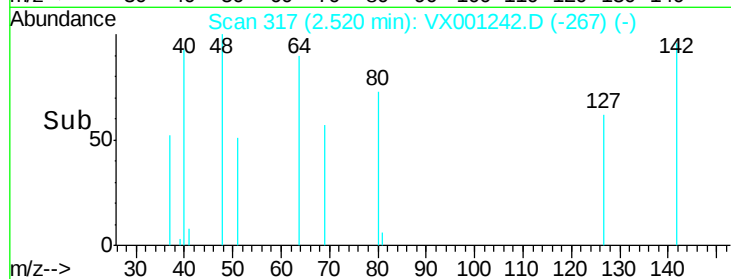
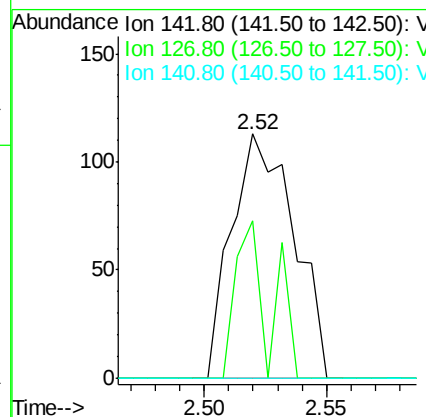
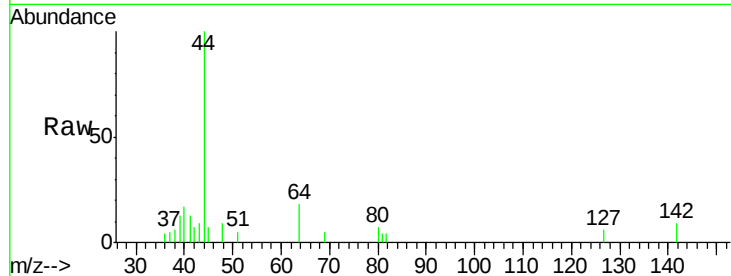




#10
Methyl Iodide
Concen: 7.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

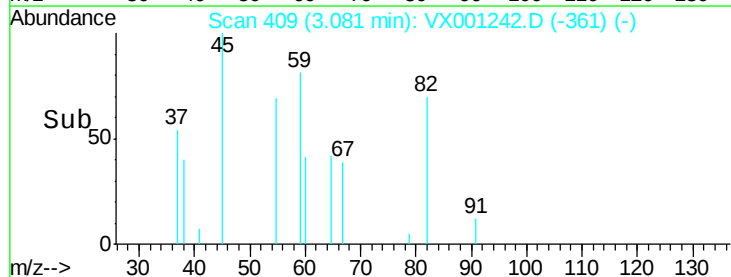
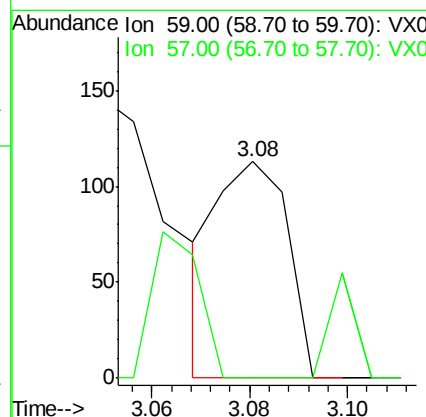
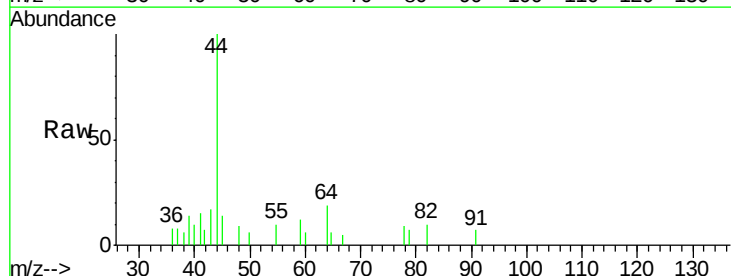
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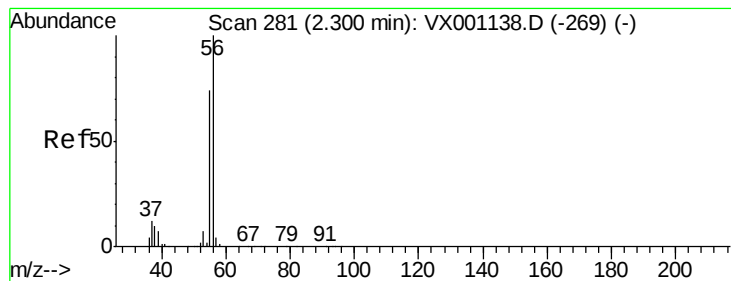
Tgt Ion: 142 Resp: 200
Ion Ratio Lower Upper
142 100
127 35.0 34.7 52.1
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 17.7 8.2 12.4#





#13

Acrolein

Concen: 0.31 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

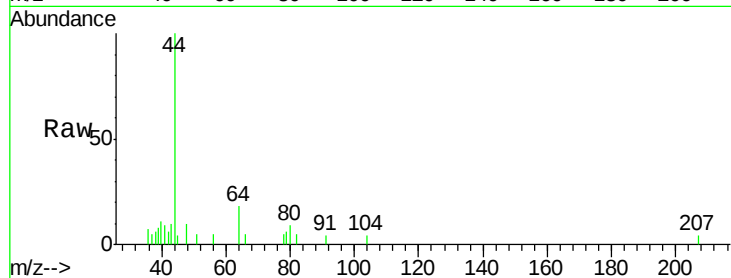
BPS1-TT-MW304S-20180425

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

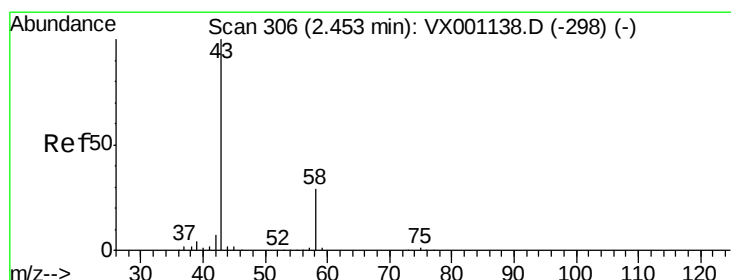
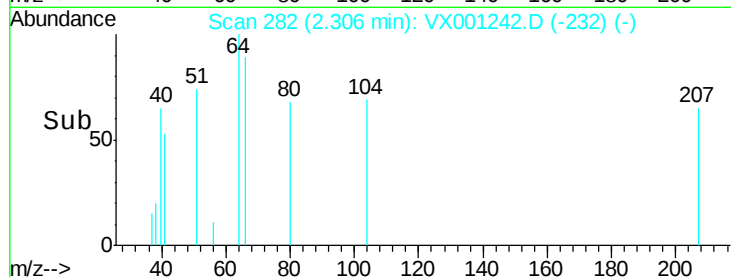
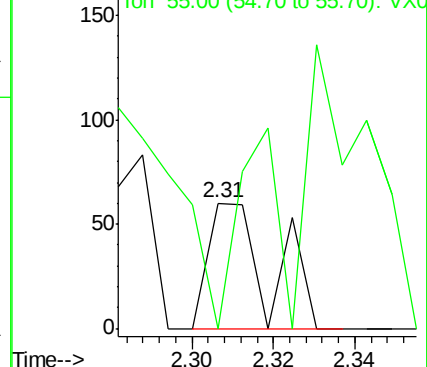
56 100

55 100.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001242.D

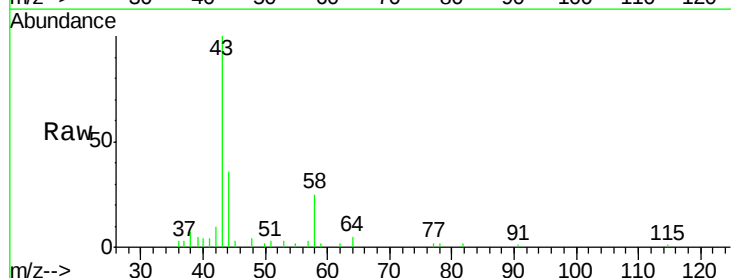
Acq: 29 Apr 2018 04:19

Tgt Ion: 43 Resp: 6430

Ion Ratio Lower Upper

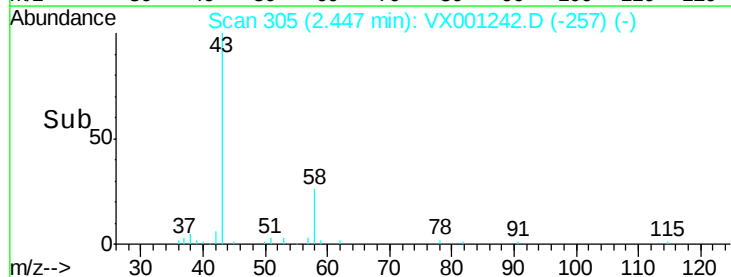
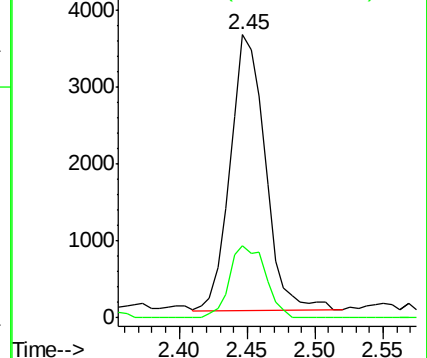
43 100

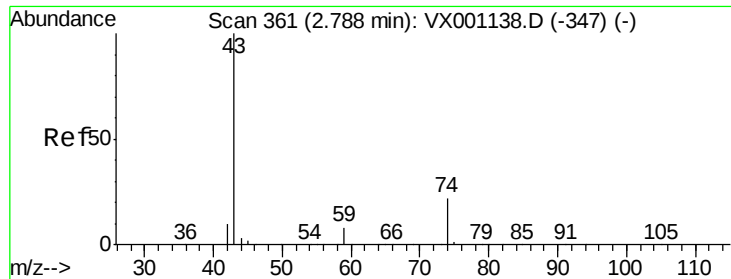
58 26.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

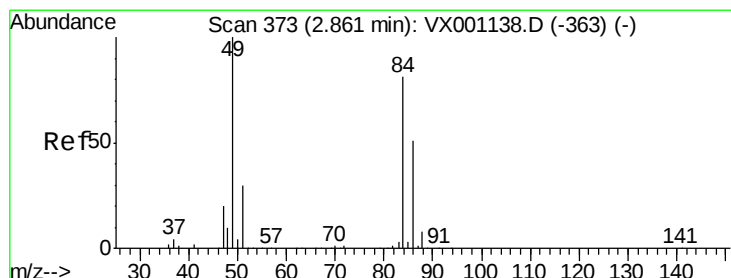
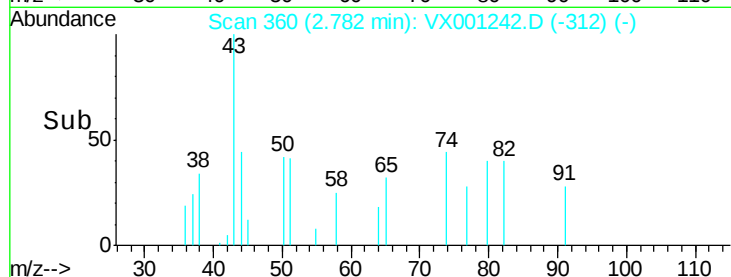
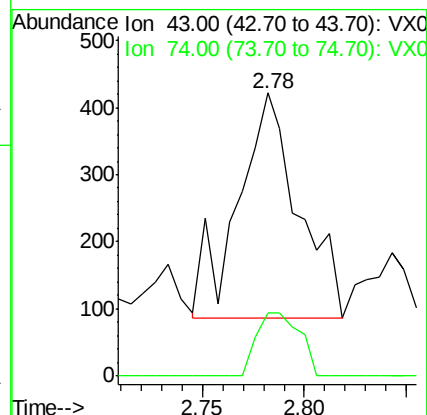
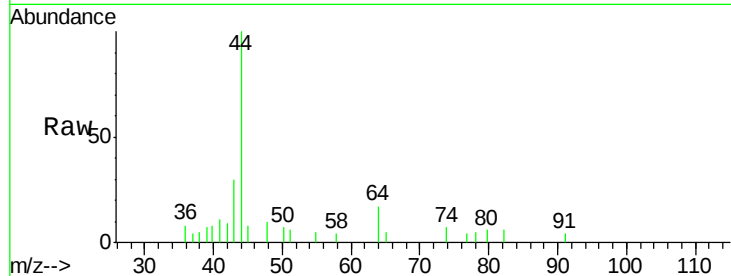




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

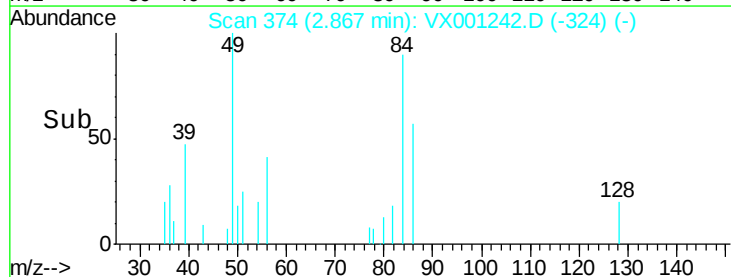
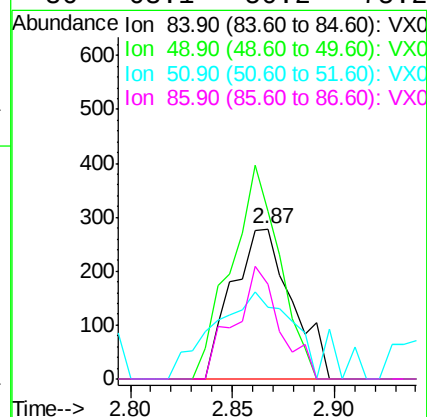
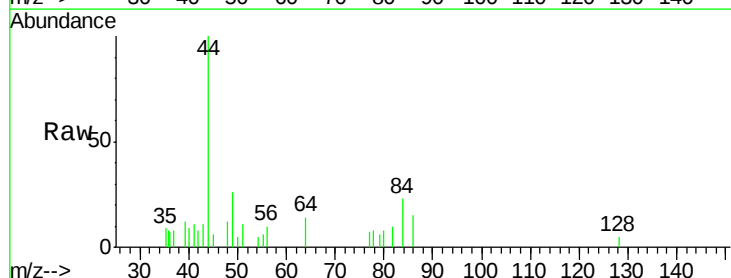
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20180425

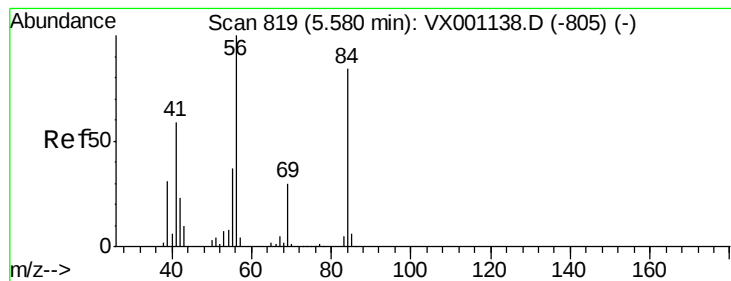
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
74 19.9 18.1 27.1



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

Tgt Ion: 84 Resp: 567
Ion Ratio Lower Upper
84 100
49 111.5 99.2 148.8
51 48.0 29.5 44.3#
86 63.1 50.2 75.2





#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-20180425

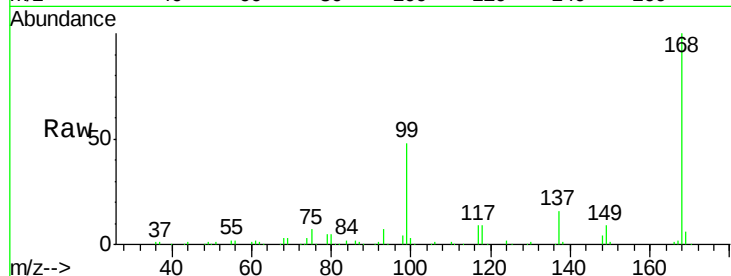
Tgt Ion: 56 Resp: 3211

Ion Ratio Lower Upper

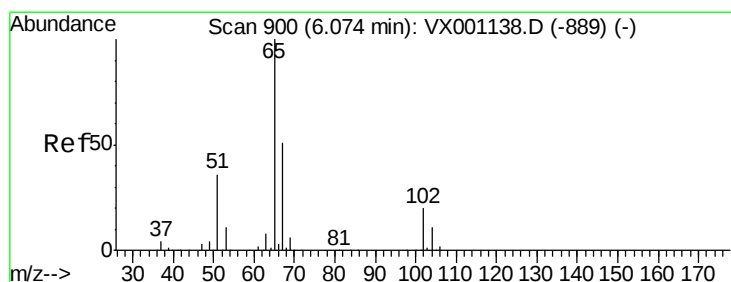
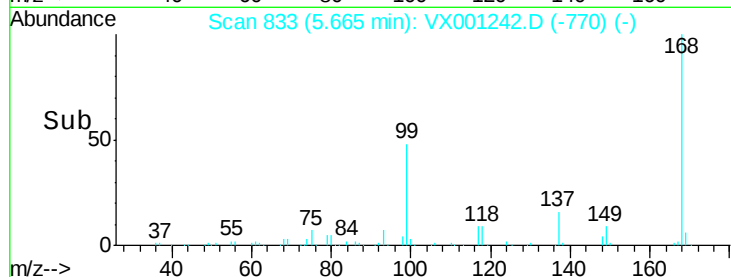
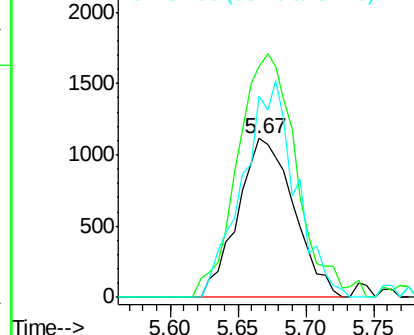
56 100

69 145.3 24.2 36.2#

84 126.6 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001242.D

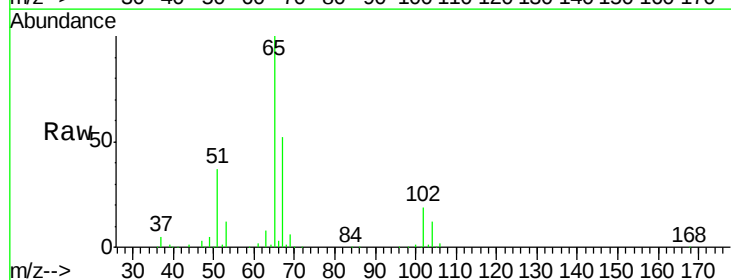
Acq: 29 Apr 2018 04:19

Tgt Ion: 65 Resp: 134566

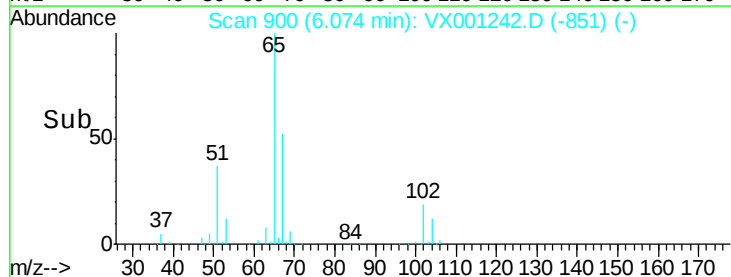
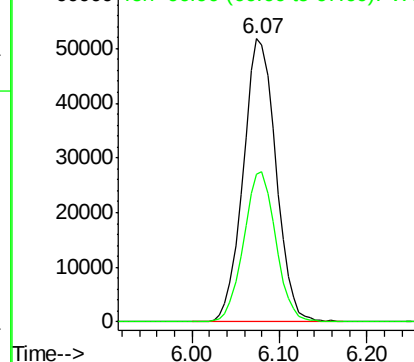
Ion Ratio Lower Upper

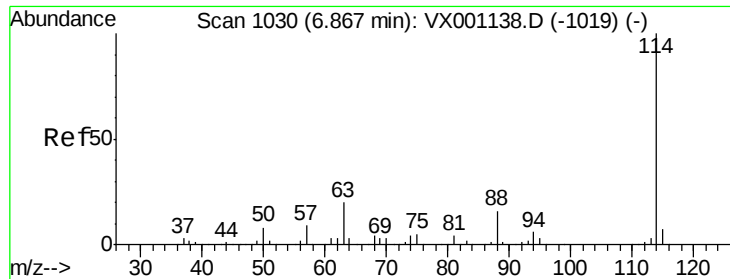
65 100

67 52.1 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# 1031

Delta R.T. 0.01 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

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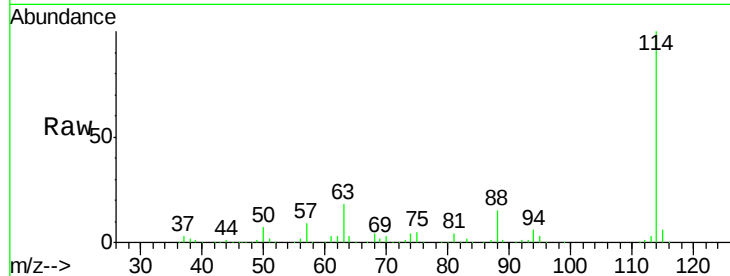
Tgt Ion:114 Resp: 247907

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.4

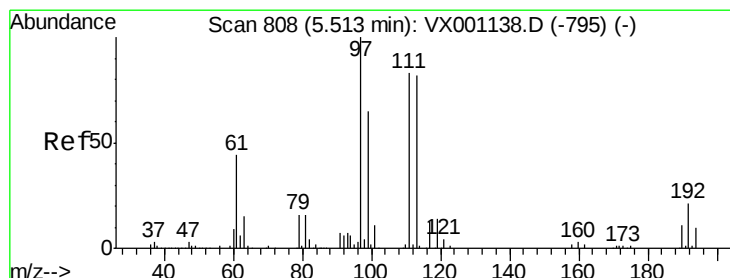
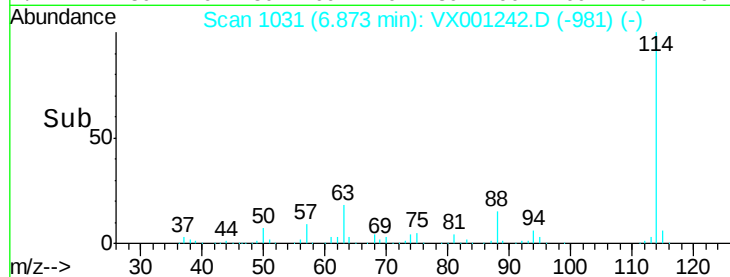
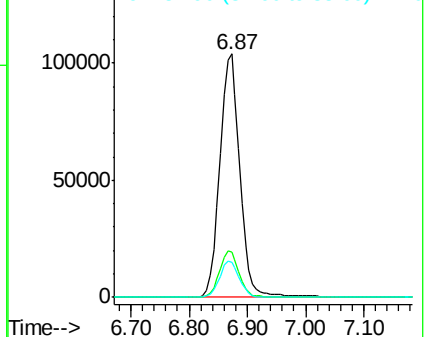
88 14.6 0.0 31.8



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: 53.60 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

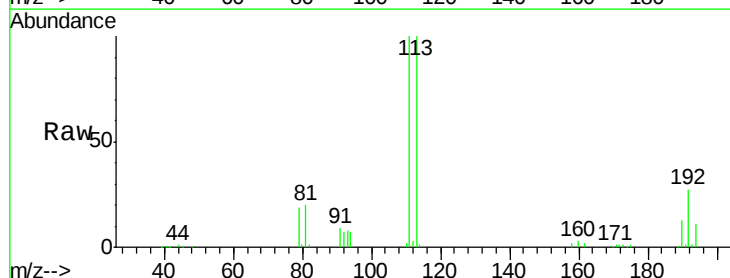
Tgt Ion:113 Resp: 109974

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

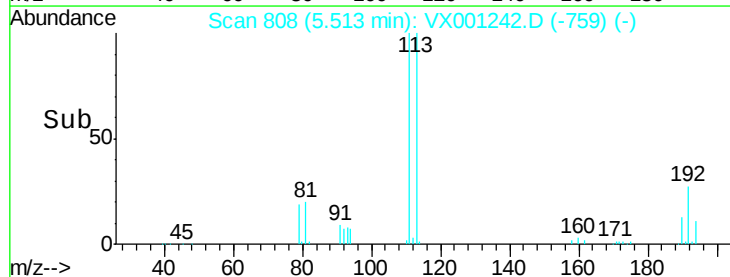
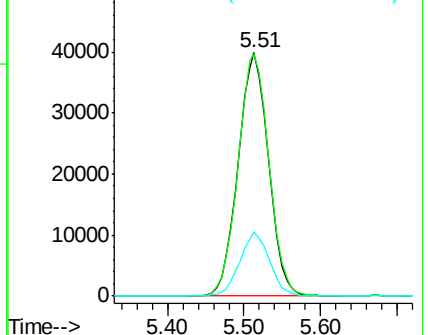
192 25.5 20.6 30.8

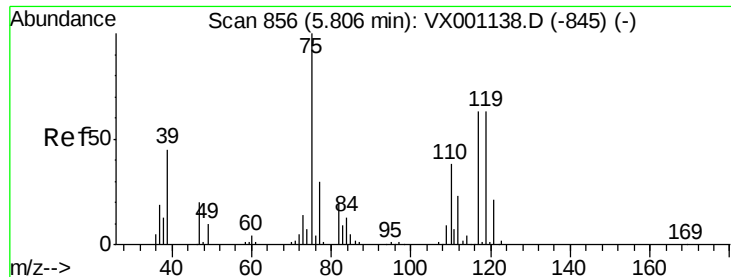


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

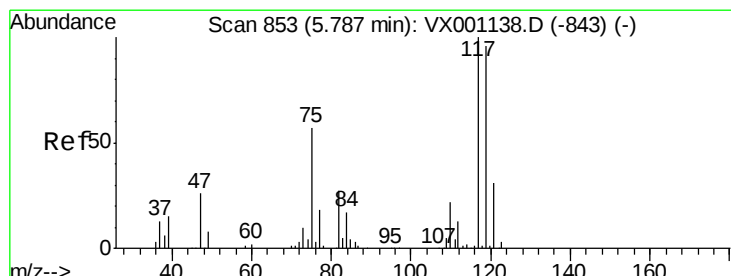
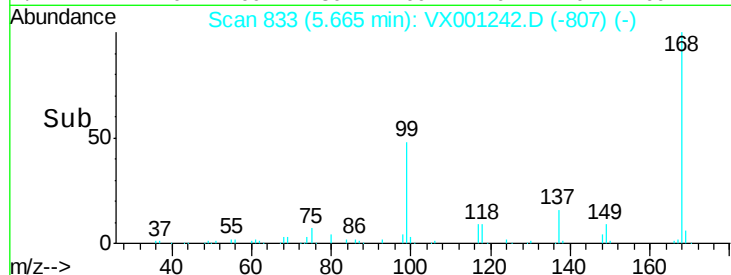
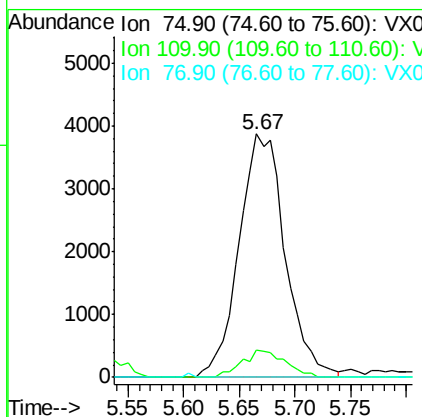
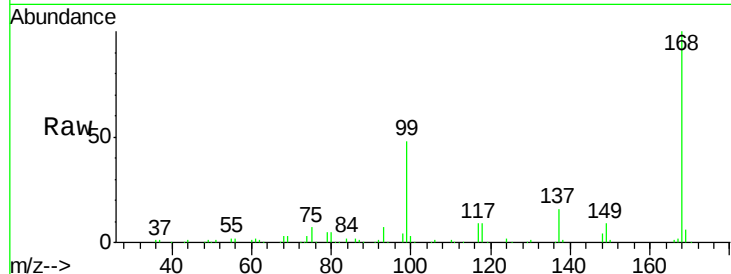




#36
 1,1-Dichloropropene
 Concen: 4.09 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001242.D
 Acq: 29 Apr 2018 04:19

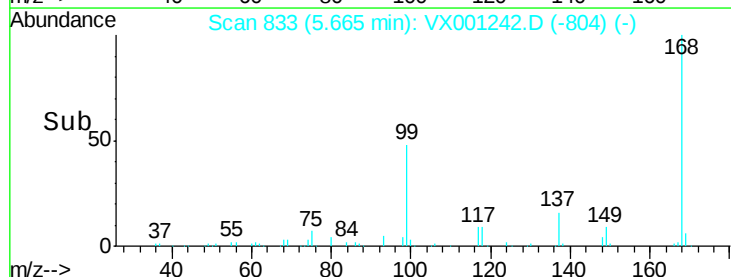
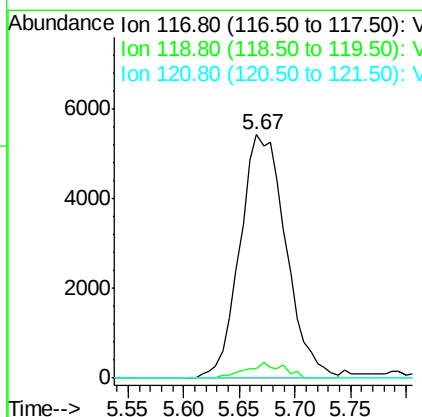
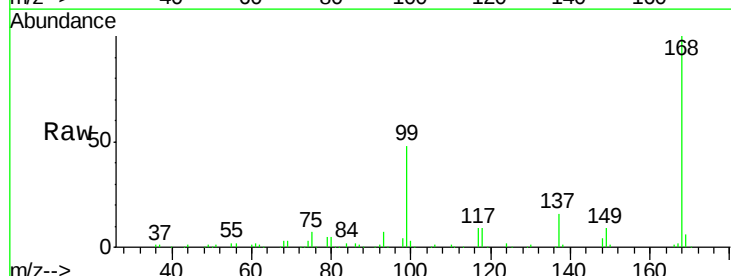
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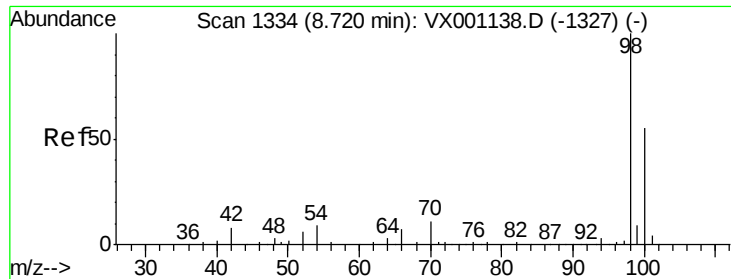
Tgt Ion: 75 Resp: 11169
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.56 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001242.D
 Acq: 29 Apr 2018 04:19

Tgt Ion: 117 Resp: 15571
 Ion Ratio Lower Upper
 117 100
 119 4.0 76.5 114.7#
 121 0.0 24.6 37.0#

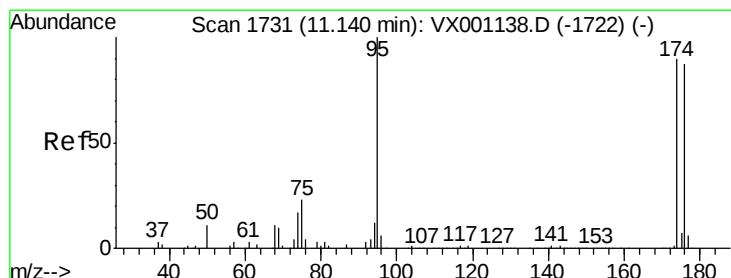
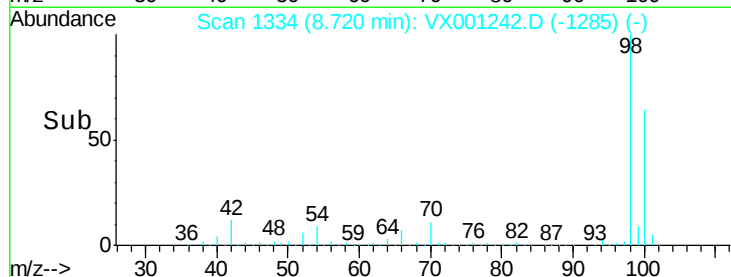
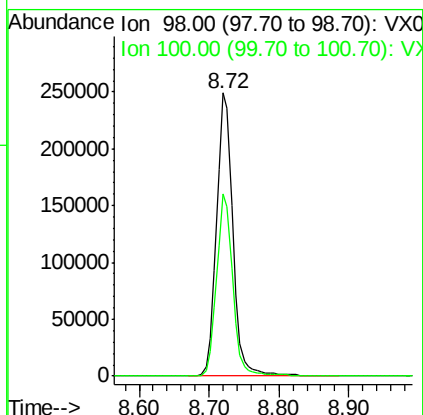
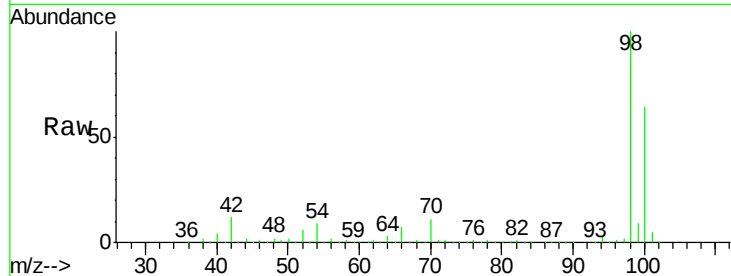




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

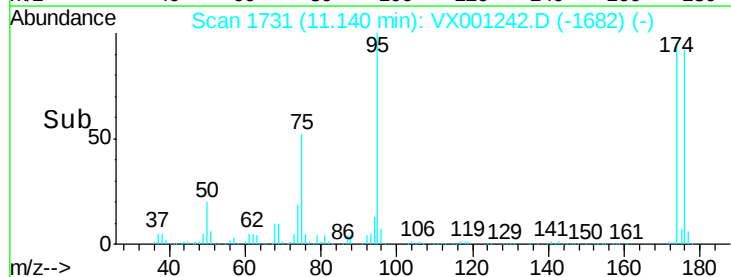
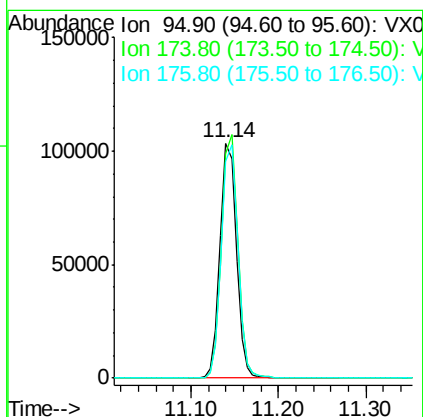
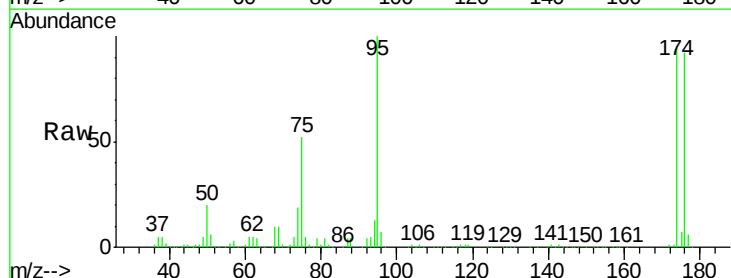
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20180425

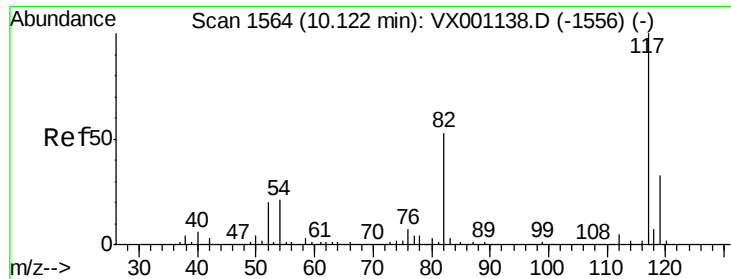
Tgt Ion: 98 Resp: 406468
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001242.D
Acq: 29 Apr 2018 04:19

Tgt Ion: 95 Resp: 134703
Ion Ratio Lower Upper
95 100
174 103.0 0.0 194.4
176 100.1 0.0 190.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX001242.D

Acq: 29 Apr 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-20180425

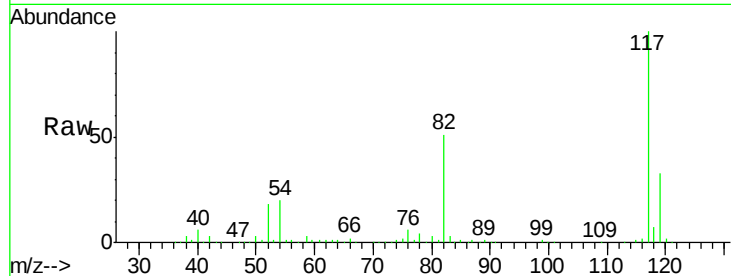
Tgt Ion:117 Resp: 219587

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

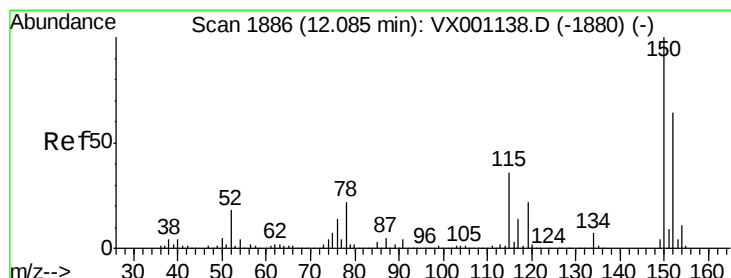
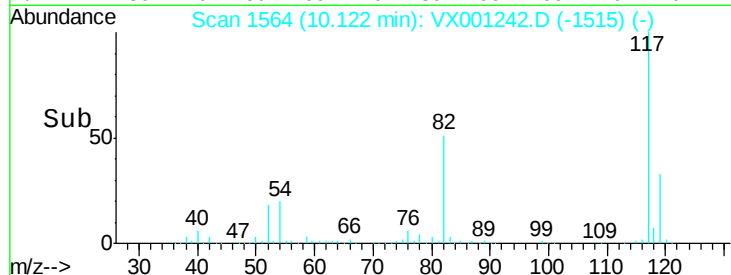
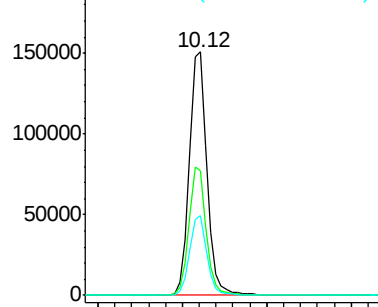
119 32.6 26.1 39.1



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: VX001242.D

Acq: 29 Apr 2018 04:19

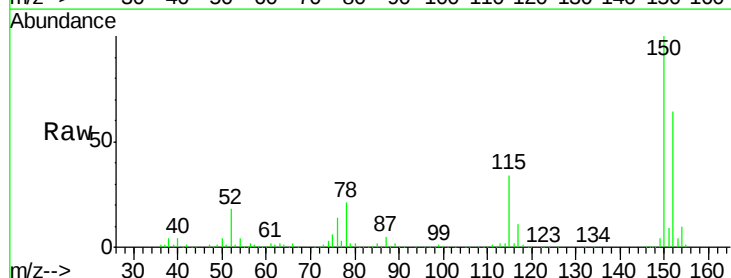
Tgt Ion:152 Resp: 121488

Ion Ratio Lower Upper

152 100

115 52.5 38.0 114.0

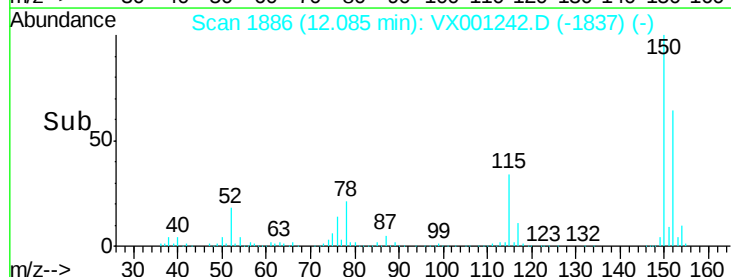
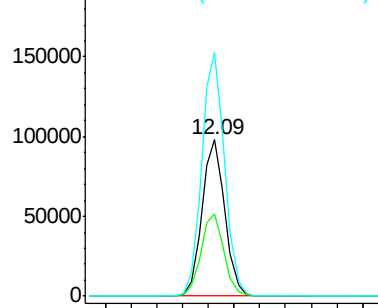
150 156.0 0.0 349.6

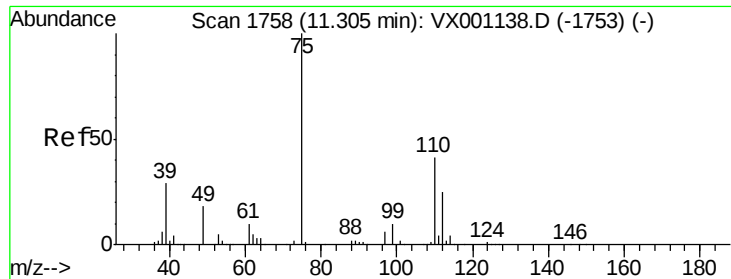


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

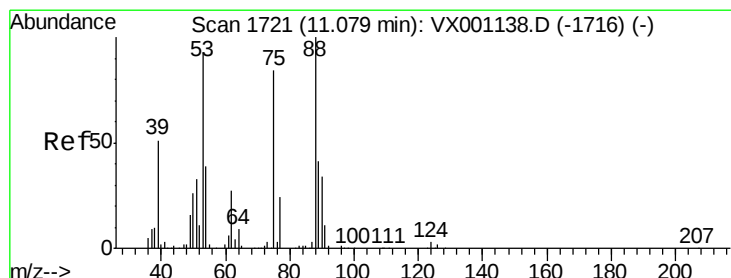
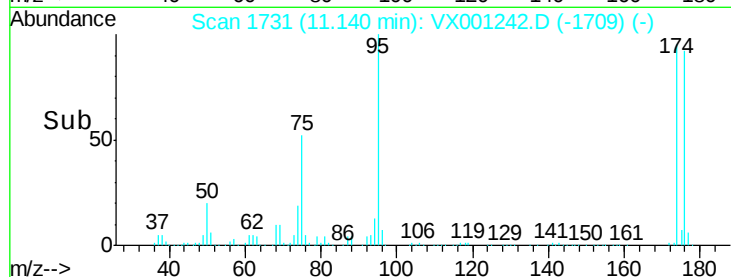
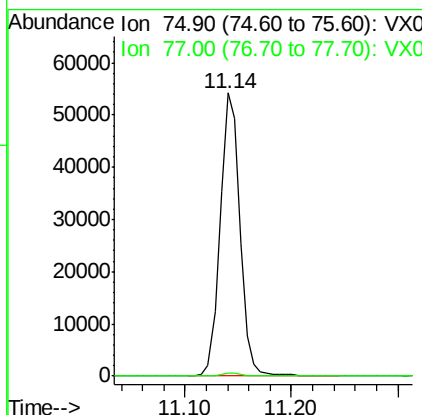
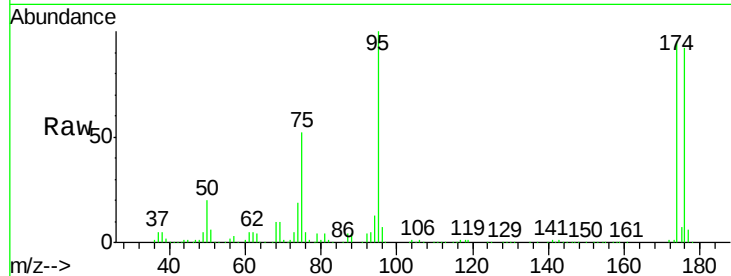




#76
 1,2,3-Trichloropropane
 Concen: 28.39 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001242.D
 Acq: 29 Apr 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-20180425

Tgt Ion: 75 Resp: 70238
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.12 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001242.D
 Acq: 29 Apr 2018 04:19

Tgt Ion: 75 Resp: 70238
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.9 131.9#
 89 0.0 37.7 56.5#

