

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001522.D
 Acq On : 08 May 2018 18:54
 Operator : JC/MD
 Sample : J2687-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20180501

Quant Time: May 09 06:47:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195239	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
35) Dibromofluoromethane	5.51	113	152596	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
50) Toluene-d8	8.72	98	537319	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	175176	43.88	ug/l	0.00
Spiked Amount			Recovery	=	87.76%	

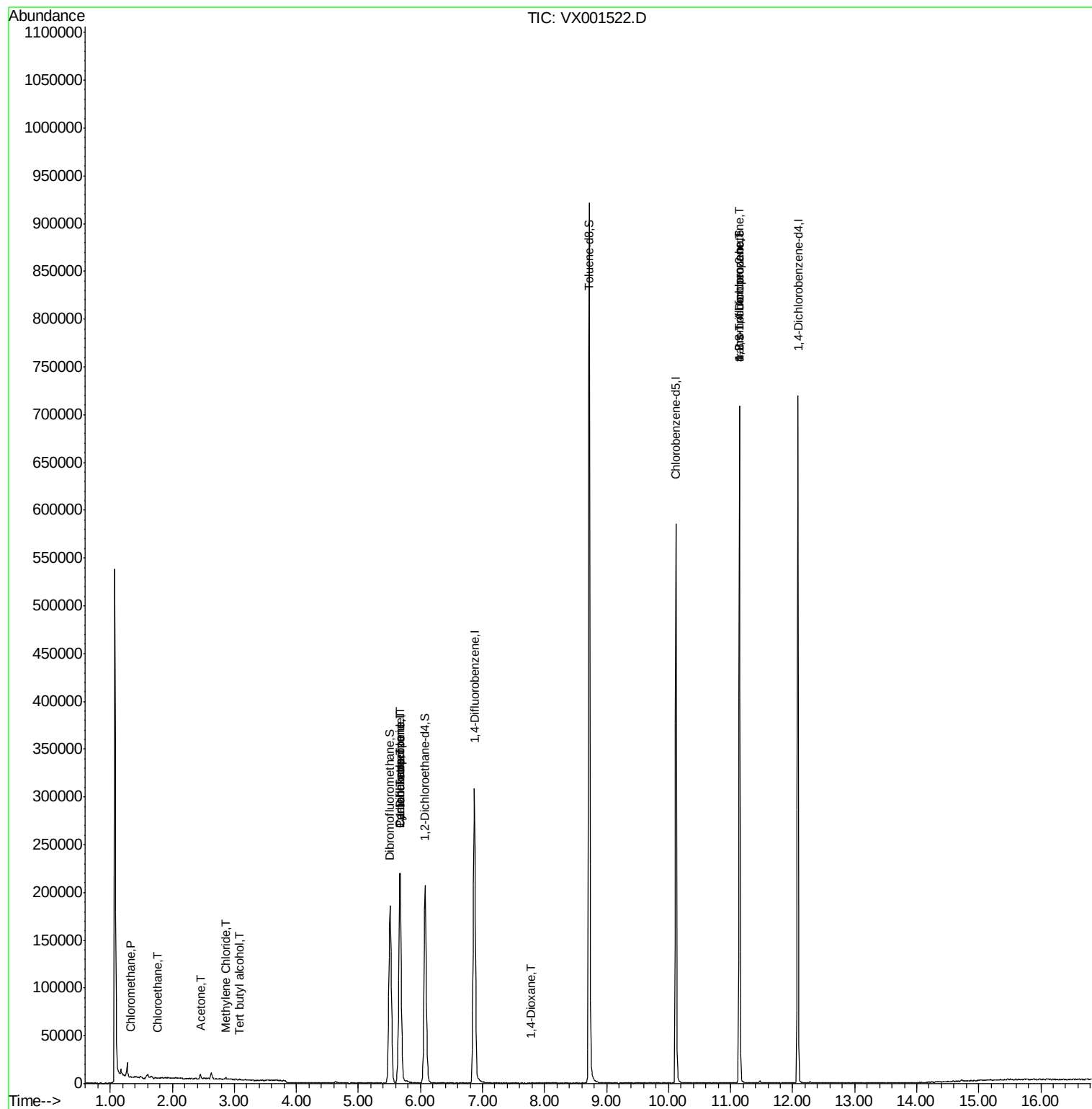
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	719	0.23	ug/l	98
5) Bromomethane	1.65	94	912	Below Cal	#	70
6) Chloroethane	1.75	64	2586	1.22	ug/l	# 75
11) Tert butyl alcohol	3.07	59	307	0.43	ug/l	97
13) Acrolein	2.31	56	159	Below Cal	#	82
16) Acetone	2.45	43	5207	3.40	ug/l	97
20) Methylene Chloride	2.85	84	703	0.23	ug/l	# 77
31) Cyclohexane	5.67	56	4390	1.01	ug/l	# 20
36) 1,1-Dichloropropene	5.67	75	14544	3.57	ug/l	# 48
38) Carbon Tetrachloride	5.67	117	20476	4.71	ug/l	# 14
49) 1,4-Dioxane	7.77	88	41	0.51	ug/l	# 34
76) 1,2,3-Trichloropropane	11.14	75	89421	29.09	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	89421	89.10	ug/l	# 7

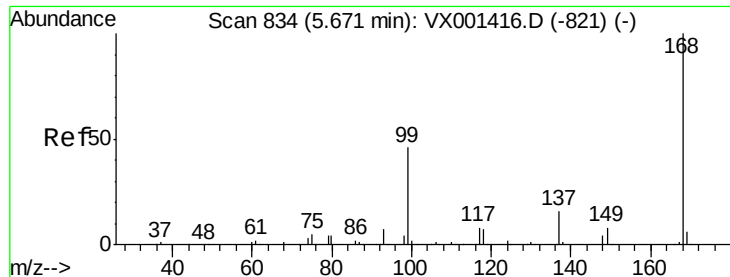
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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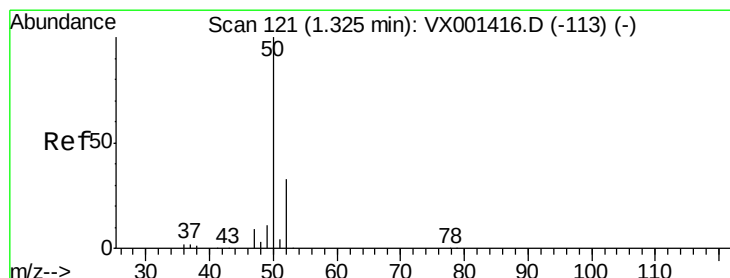
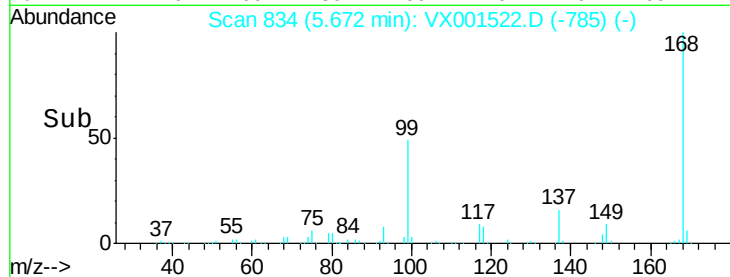
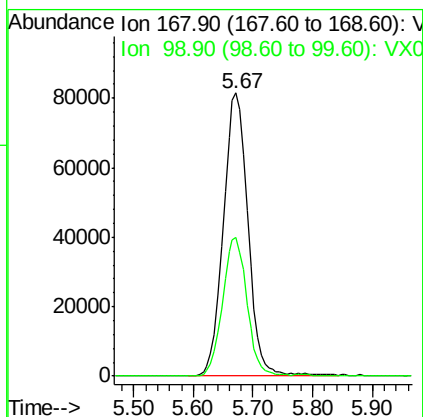
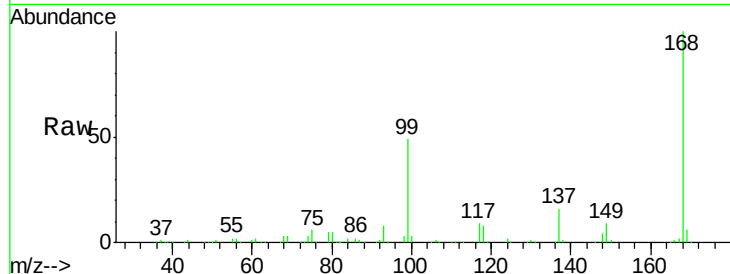




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

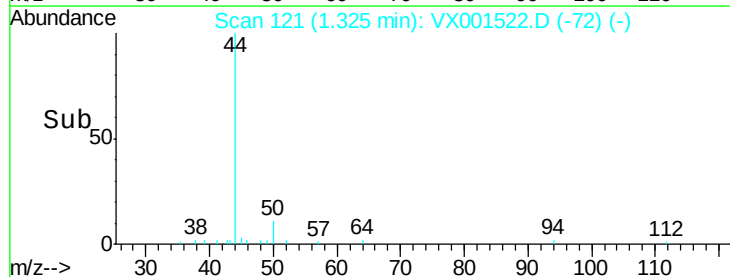
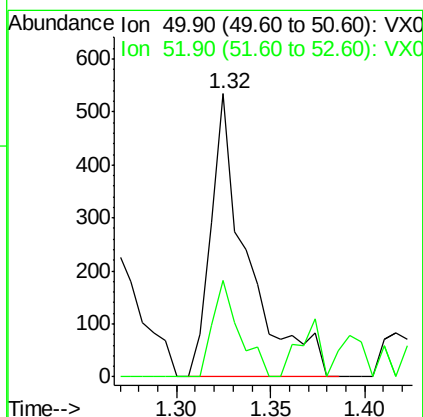
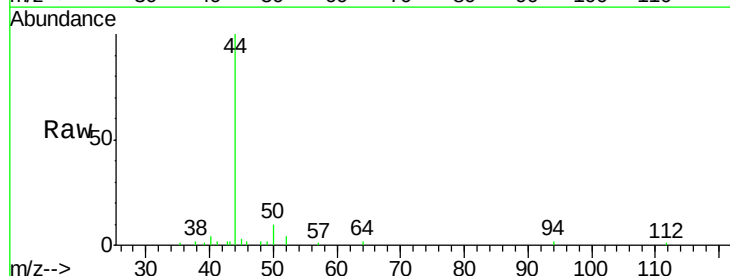
Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20180501

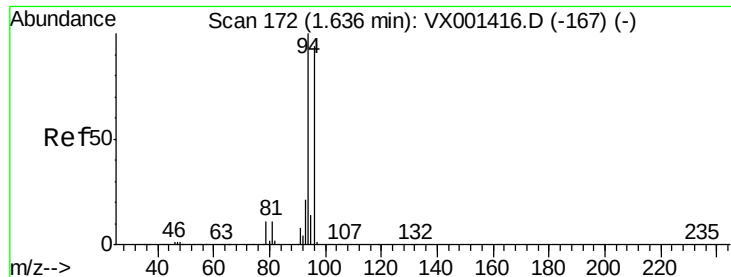
Tgt Ion: 168 Resp: 234873
Ion Ratio Lower Upper
168 100
99 49.0 36.6 54.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.4





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001522.D

Acq: 08 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

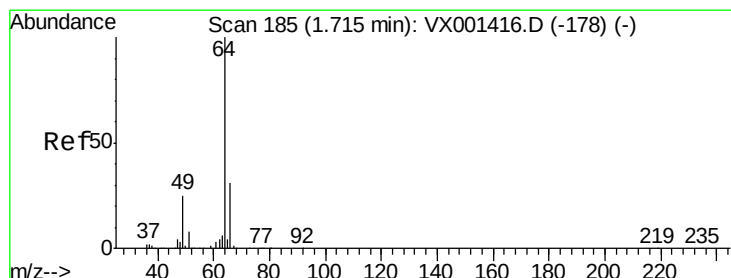
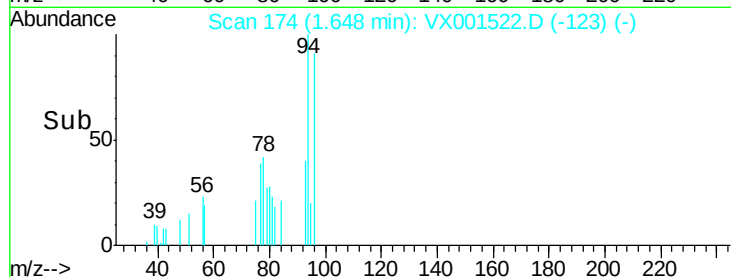
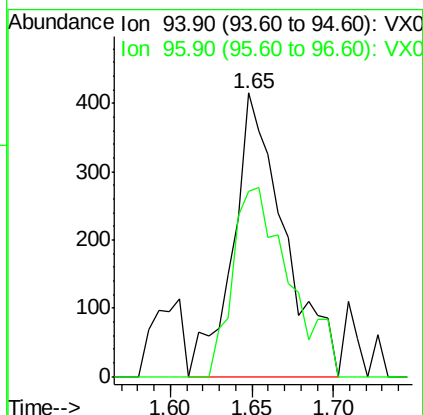
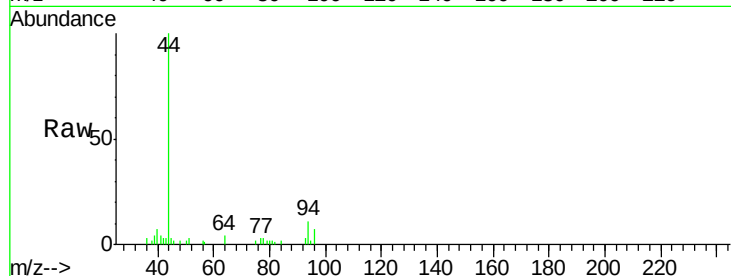
BP-MH-SW4001-20180501

Tgt Ion: 94 Resp: 912

Ion Ratio Lower Upper

94 100

96 65.3 75.0 112.6#



#6

Chloroethane

Concen: 1.22 ug/l

RT: 1.75 min Scan# 191

Delta R.T. 0.04 min

Lab File: VX001522.D

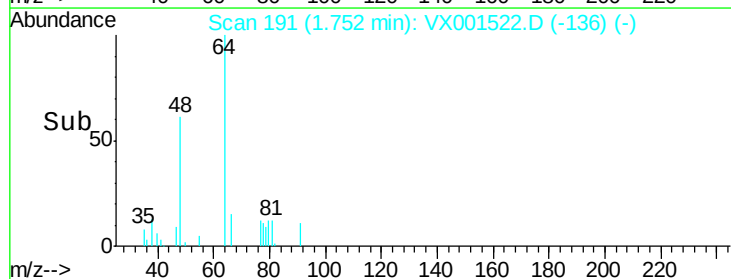
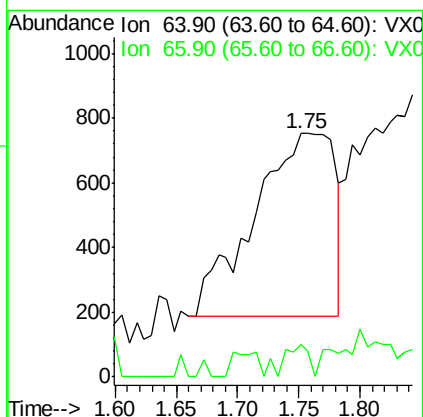
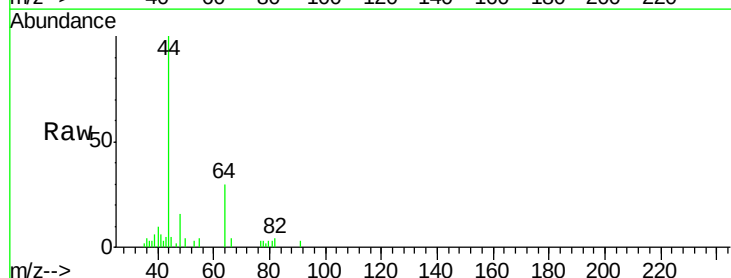
Acq: 08 May 2018 18:54

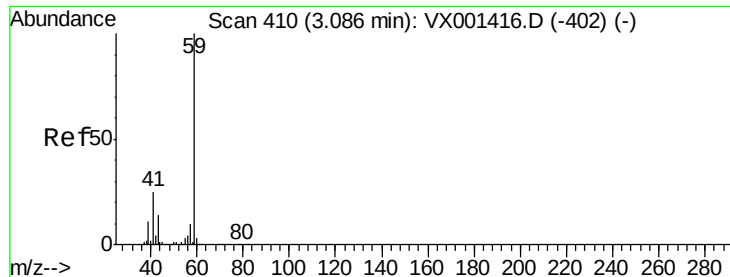
Tgt Ion: 64 Resp: 2586

Ion Ratio Lower Upper

64 100

66 17.5 25.1 37.7#



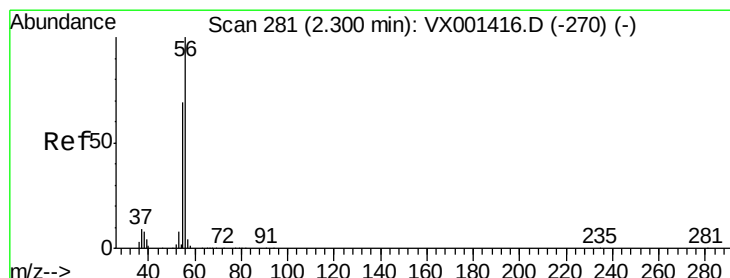
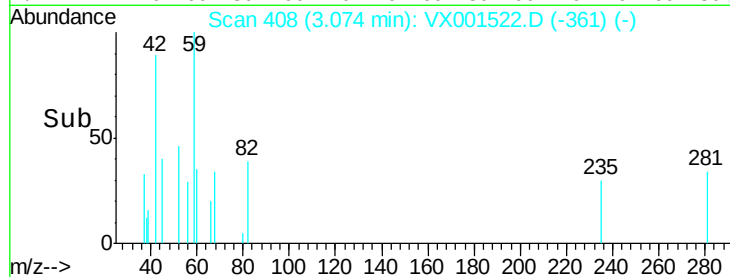
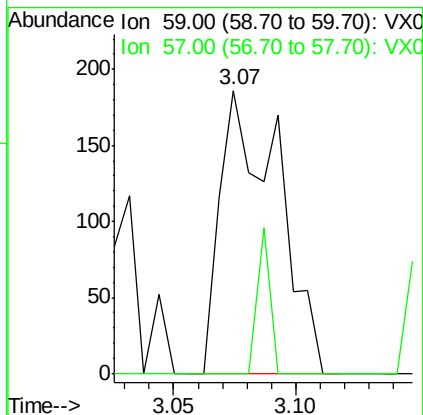
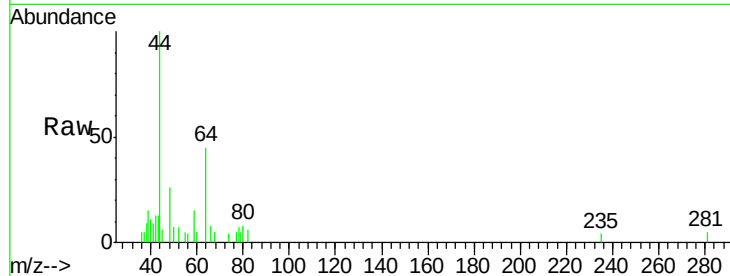


#11

Tert butyl alcohol
 Concen: 0.43 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20180501

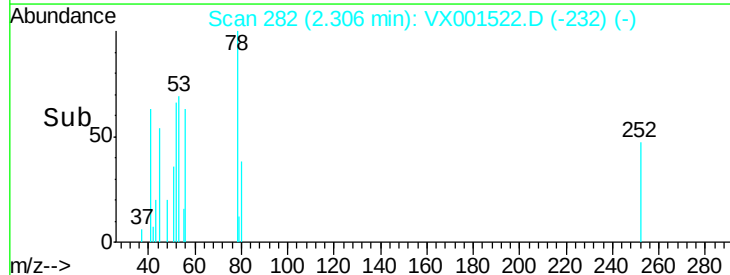
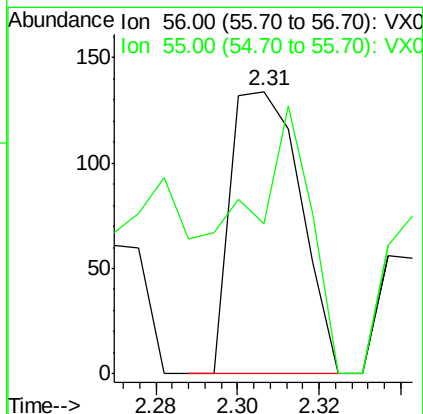
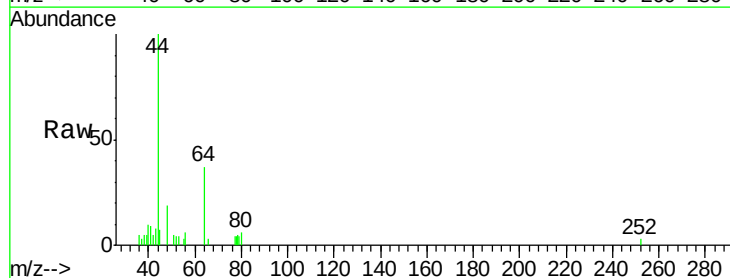
Tgt Ion: 59 Resp: 307
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.4

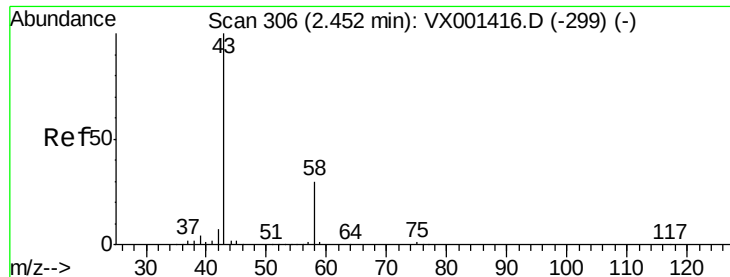


#13

Acrolein
 Concen: Below Cal
 RT: 2.31 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

Tgt Ion: 56 Resp: 159
 Ion Ratio Lower Upper
 56 100
 55 82.4 54.5 81.7#





#16

Acetone

Concen: 3.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001522.D

Acq: 08 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

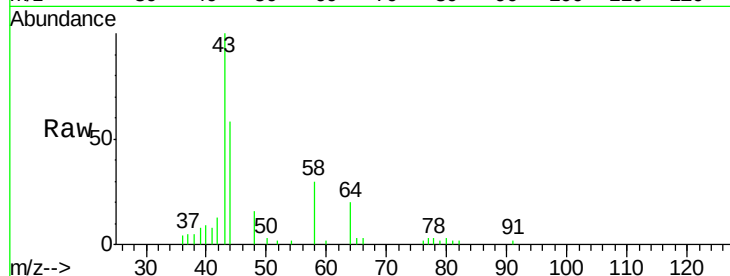
BP-MH-SW4001-20180501

Tgt Ion: 43 Resp: 5207

Ion Ratio Lower Upper

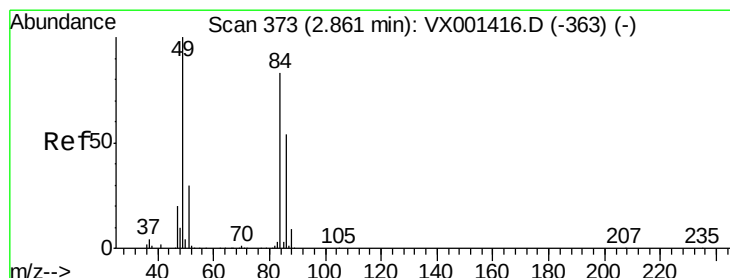
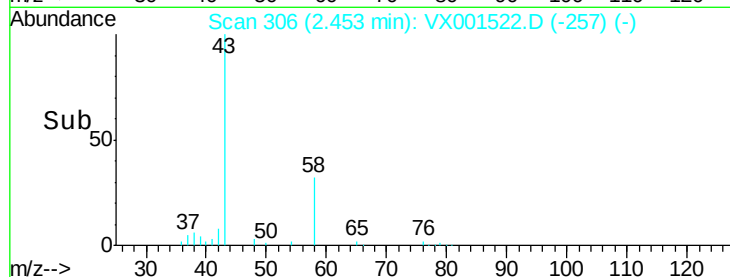
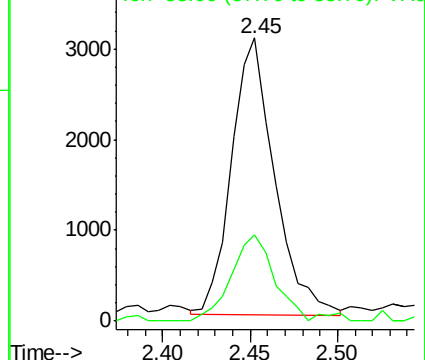
43 100

58 31.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX001522.D

Acq: 08 May 2018 18:54

Tgt Ion: 84 Resp: 703

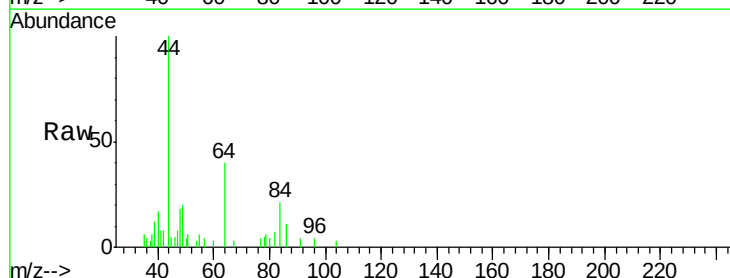
Ion Ratio Lower Upper

84 100

49 96.6 96.6 144.8

51 11.7 29.0 43.4#

86 52.4 52.2 78.4

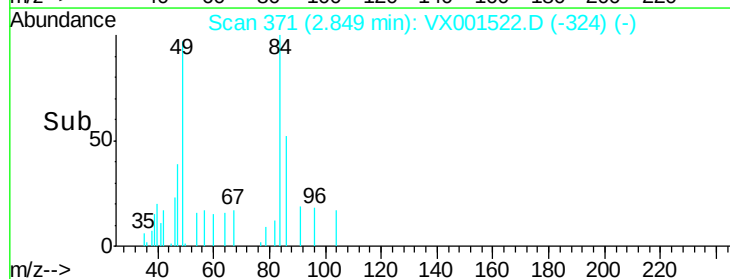
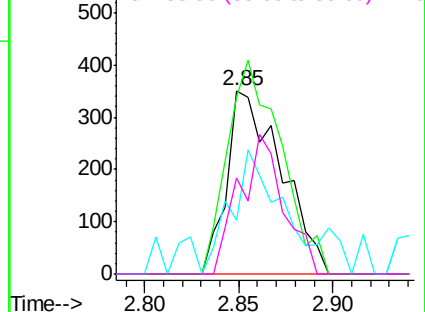


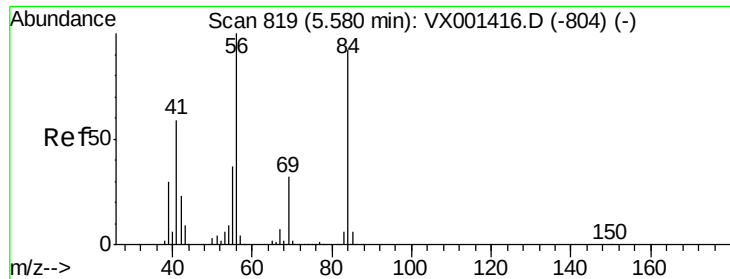
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

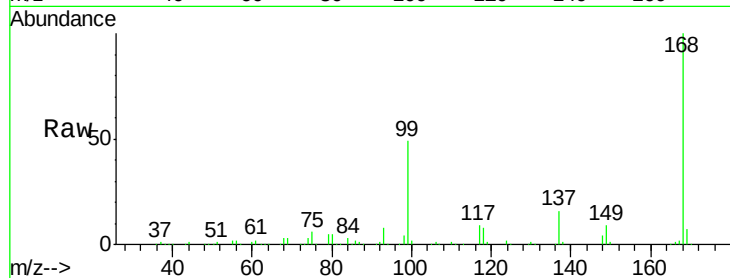




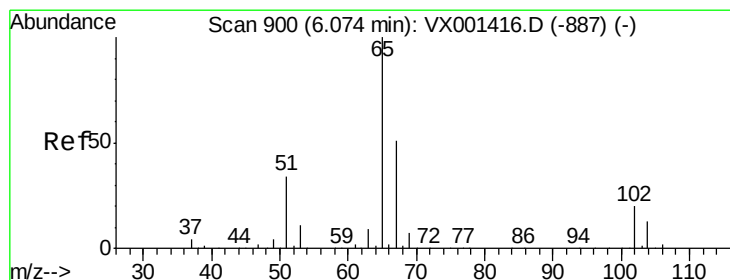
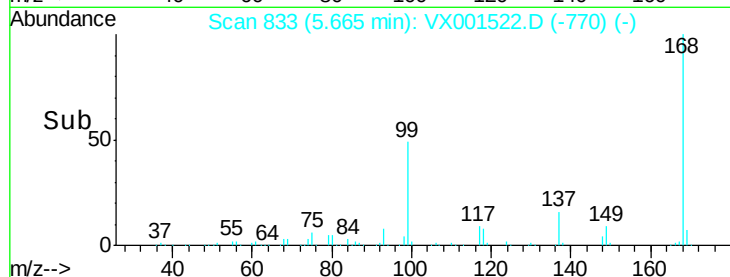
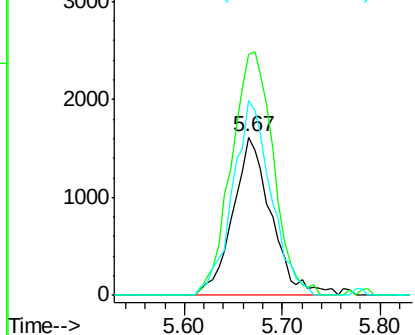
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20180501

Tgt Ion: 56 Resp: 4390
Ion Ratio Lower Upper
56 100
69 152.2 25.4 38.0#
84 123.5 73.8 110.8#

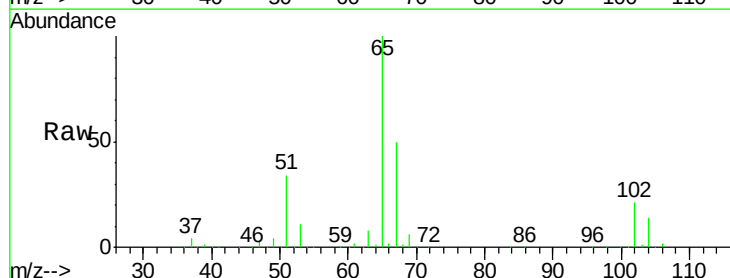


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

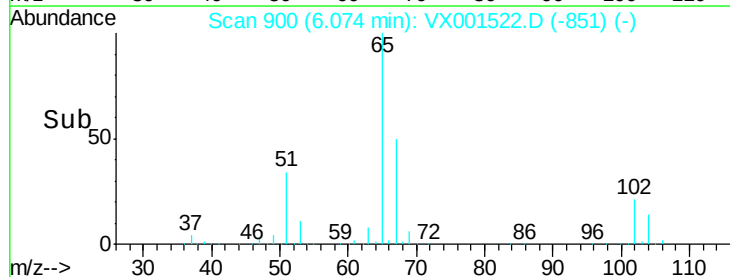
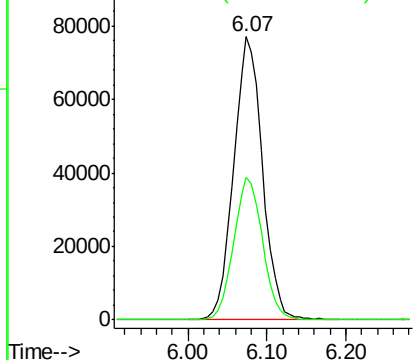


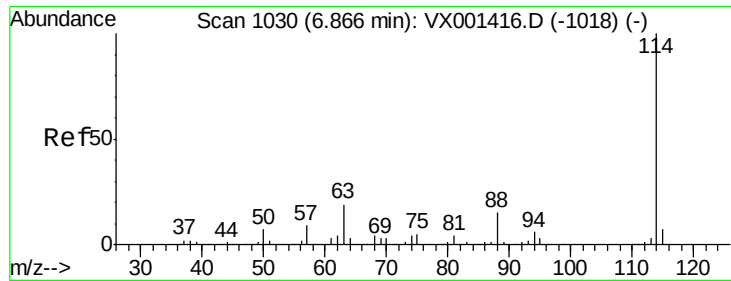
#33
1,2-Dichloroethane-d4
Concen: 57.83 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

Tgt Ion: 65 Resp: 195239
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

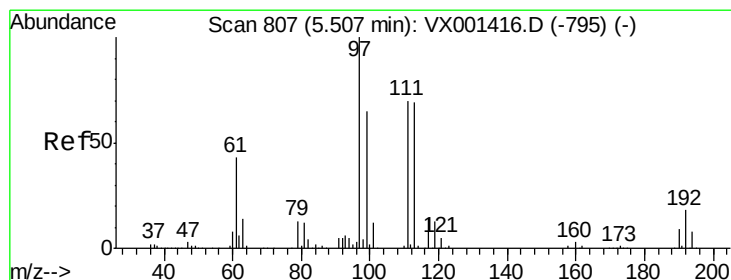
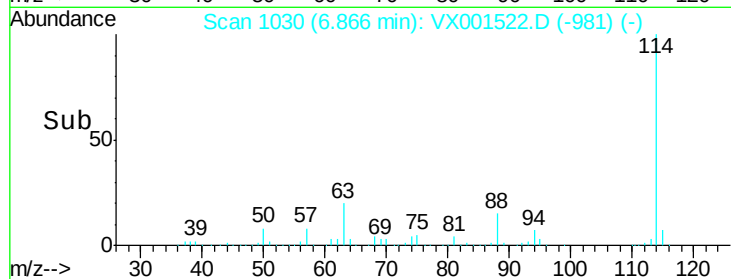
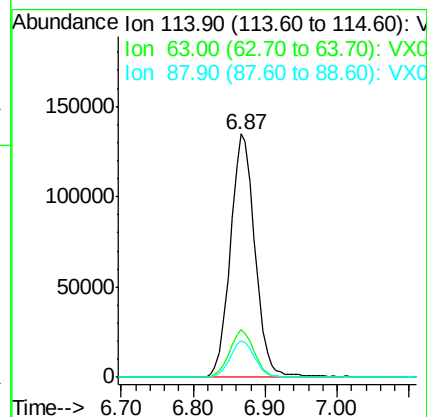
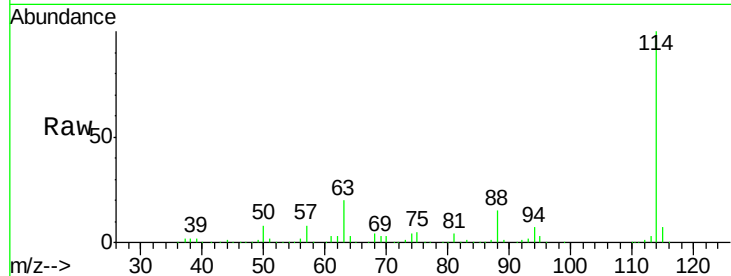




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

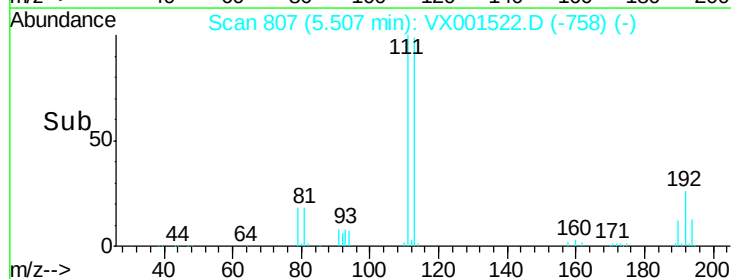
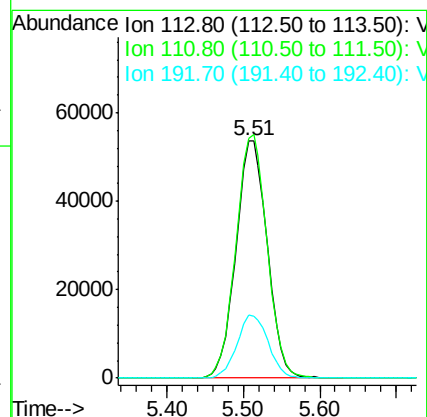
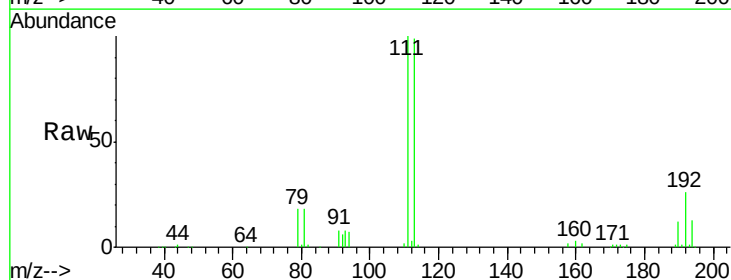
Instrument :
 MSVOA_X
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 BP-MH-SW4001-20180501

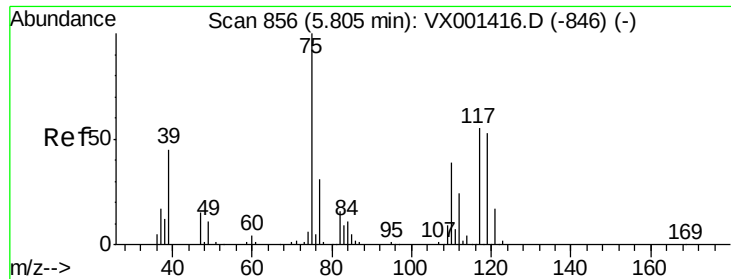
Tgt Ion:114 Resp: 320304
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.1 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 53.56 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

Tgt Ion:113 Resp: 152596
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 26.5 21.4 32.0

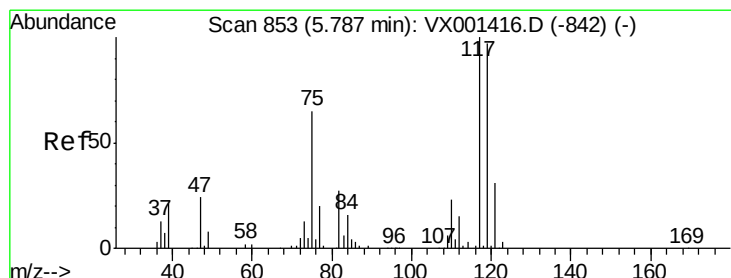
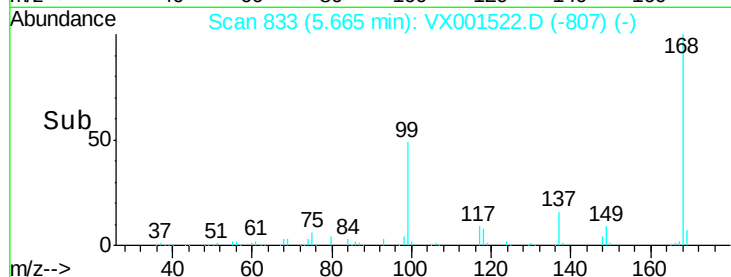
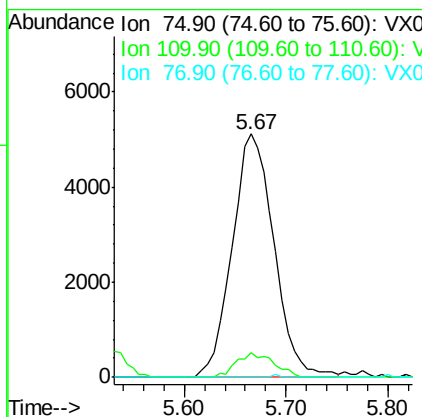
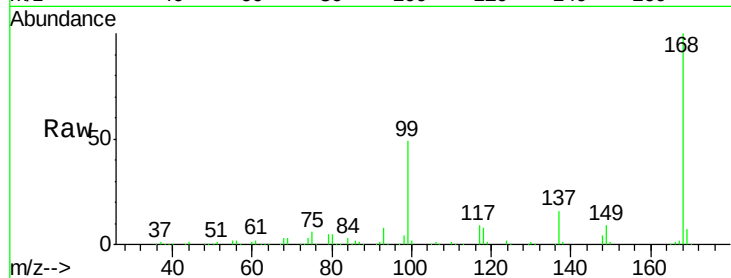




#36
 1,1-Dichloropropene
 Concen: 3.57 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

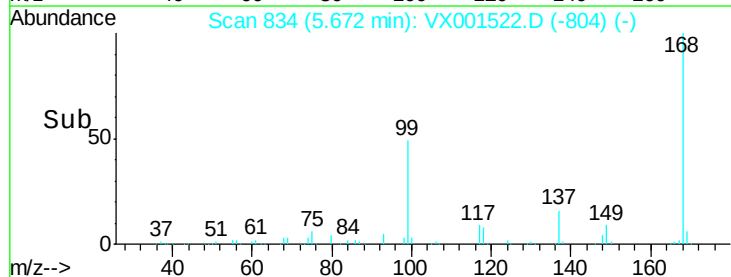
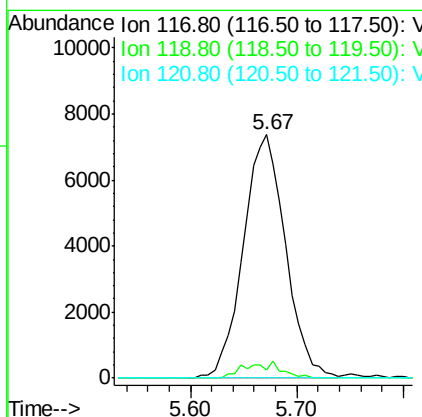
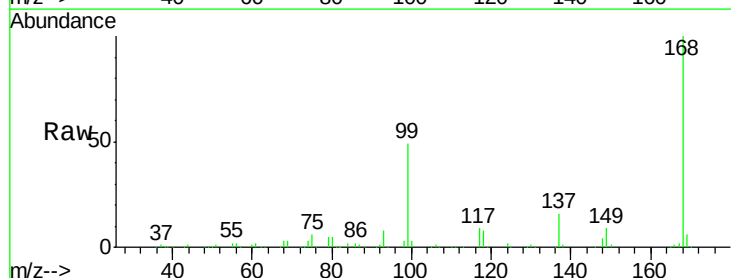
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20180501

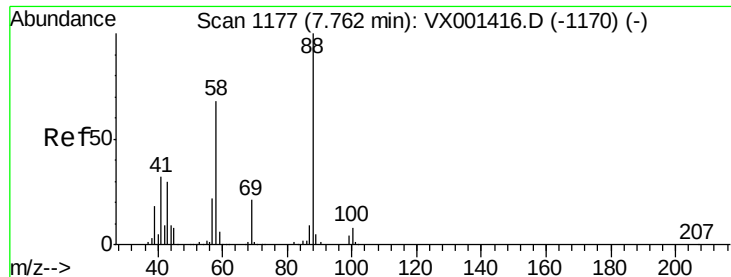
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.9	56.7#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.71 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001522.D
 Acq: 08 May 2018 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.1	77.0	115.6#
121	0.0	25.1	37.7#





#49

1,4-Dioxane

Concen: 0.51 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VX001522.D

Acq: 08 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20180501

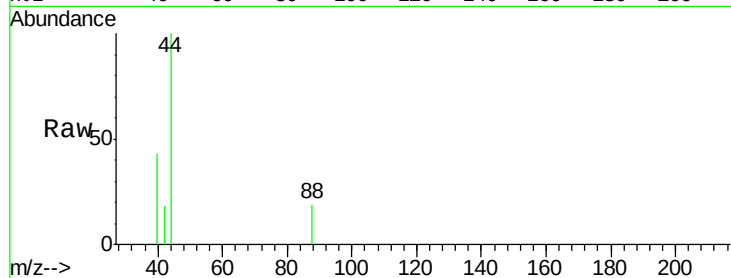
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 48.8 26.4 39.6#

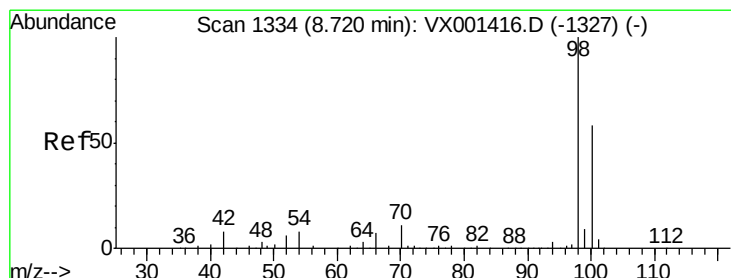
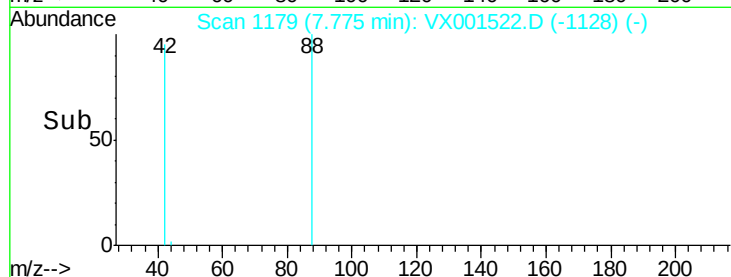
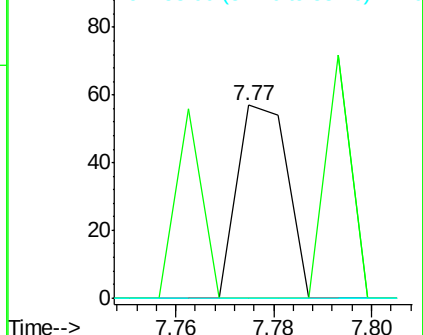
58 0.0 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001522.D

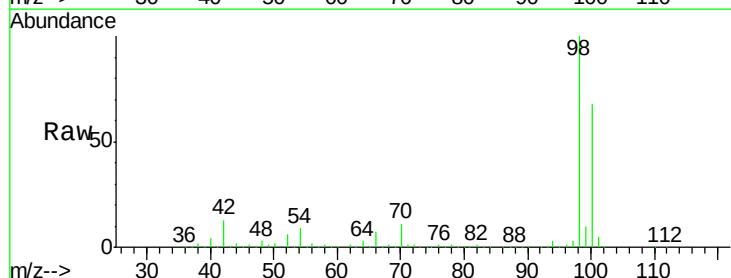
Acq: 08 May 2018 18:54

Tgt Ion: 98 Resp: 537319

Ion Ratio Lower Upper

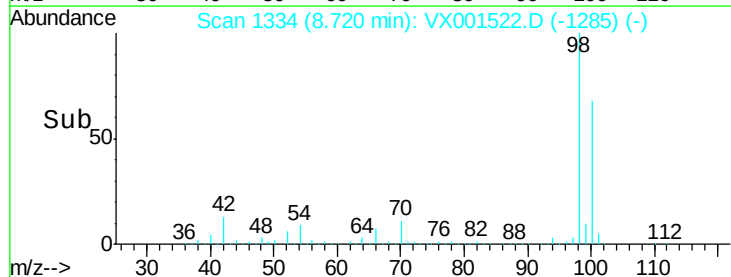
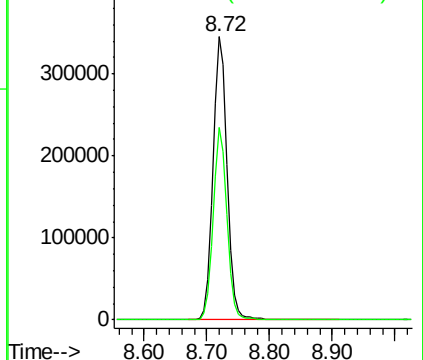
98 100

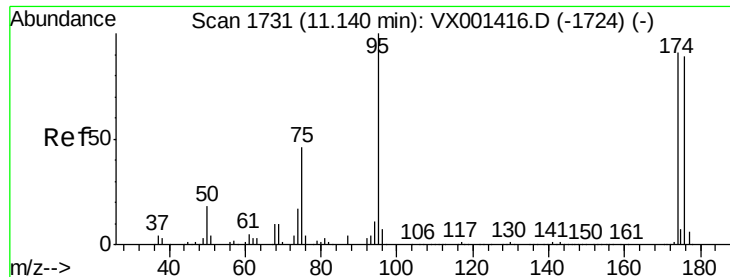
100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

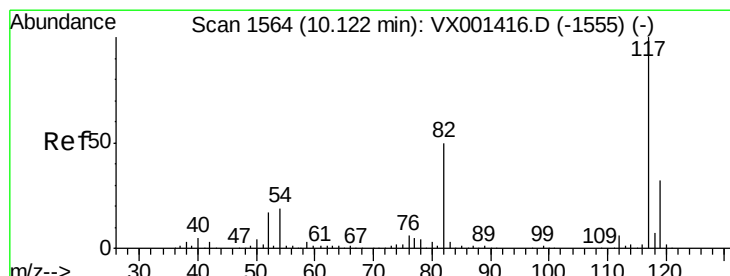
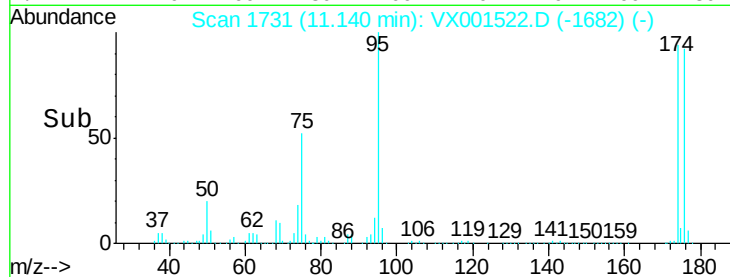
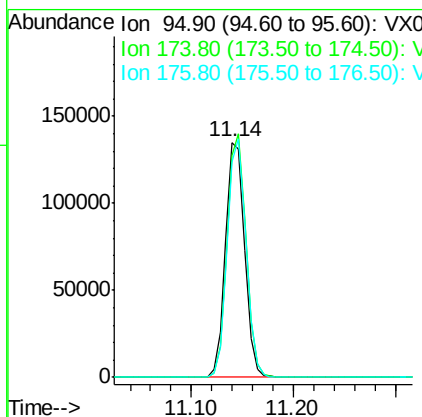
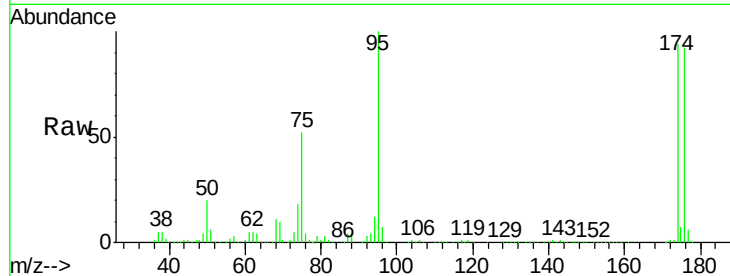




#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

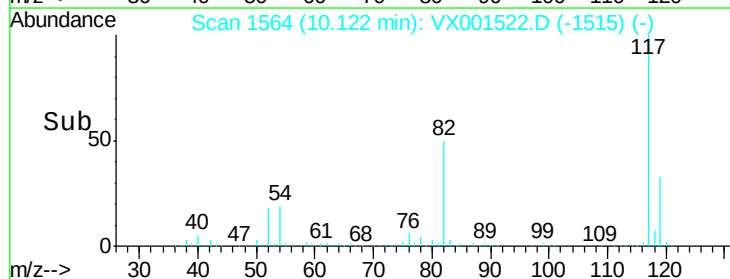
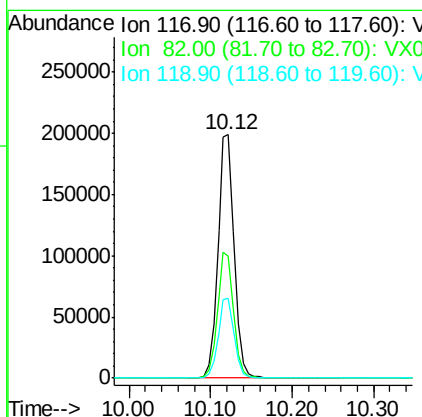
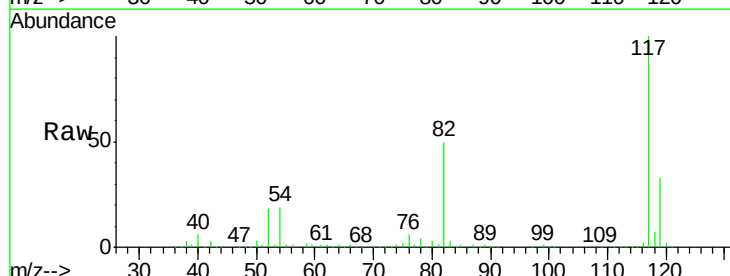
Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20180501

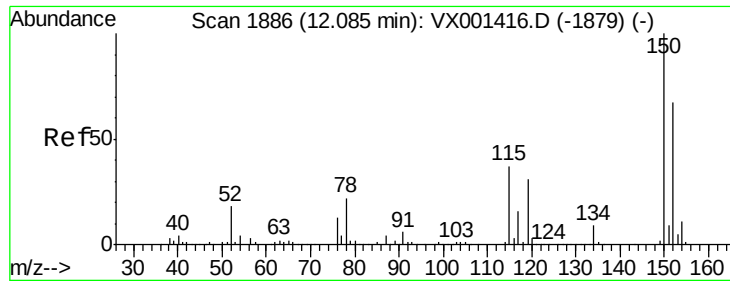
Tgt Ion: 95 Resp: 175176
Ion Ratio Lower Upper
95 100
174 101.5 0.0 202.0
176 99.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001522.D
Acq: 08 May 2018 18:54

Tgt Ion: 117 Resp: 278386
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 33.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001522.D

Acq: 08 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20180501

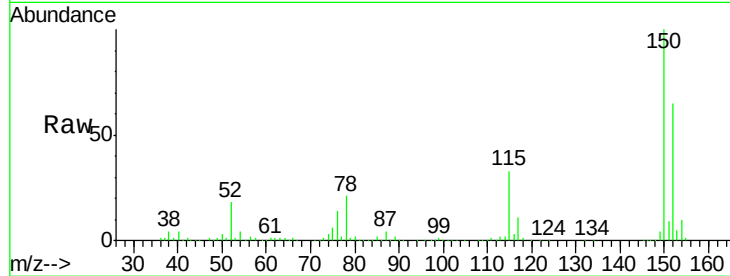
Tgt Ion:152 Resp: 151542

Ion Ratio Lower Upper

152 100

115 52.9 37.7 113.1

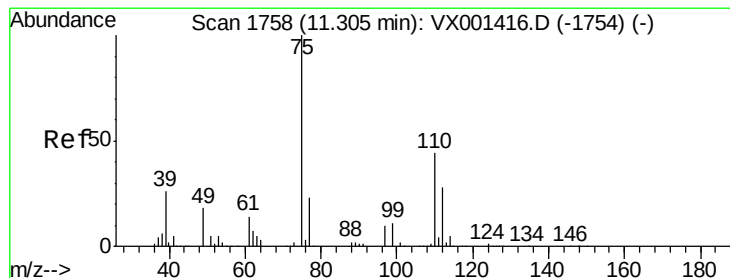
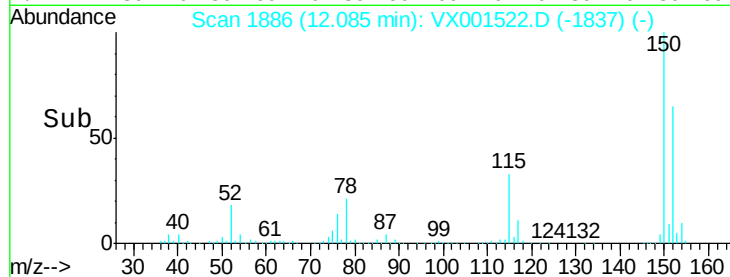
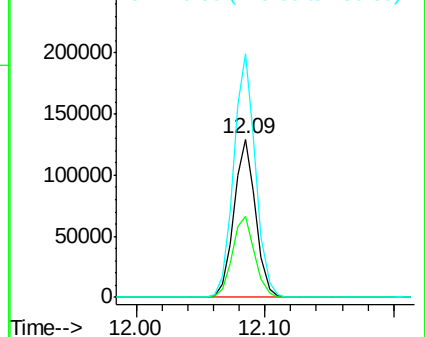
150 155.5 0.0 349.4



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: 29.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001522.D

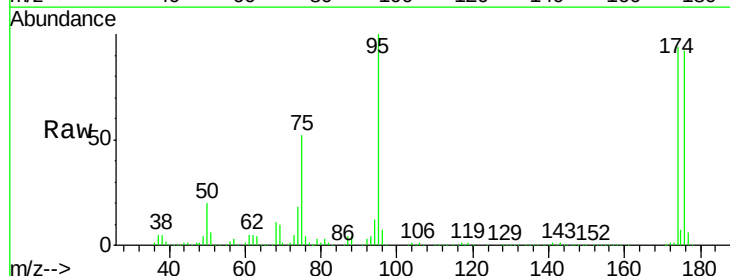
Acq: 08 May 2018 18:54

Tgt Ion: 75 Resp: 89421

Ion Ratio Lower Upper

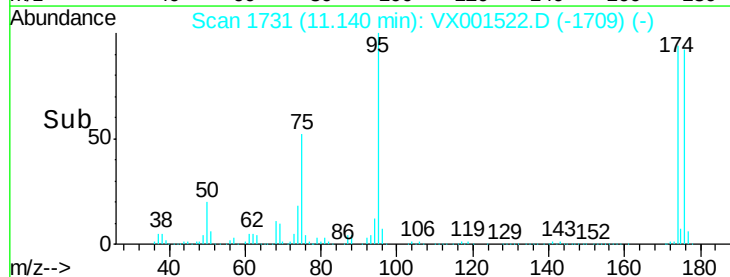
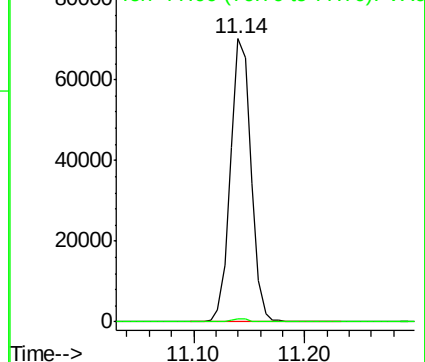
75 100

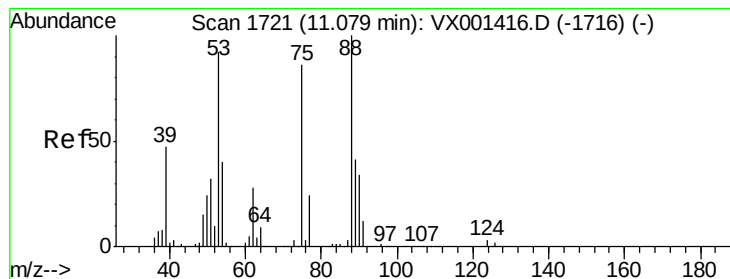
77 1.2 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 89.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001522.D

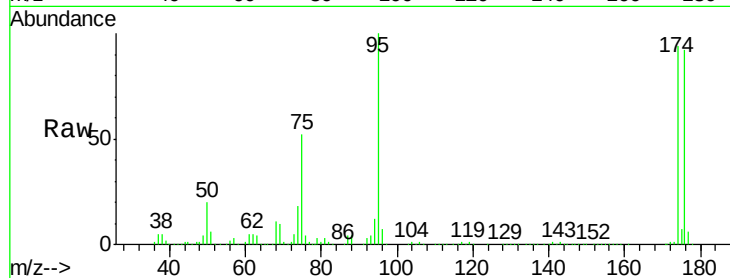
Acq: 08 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20180501



Tgt Ion: 75 Resp: 89421

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#

