

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001523.D
 Acq On : 08 May 2018 19:21
 Operator : JC/MD
 Sample : J2687-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20180501

Quant Time: May 09 06:47:30 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	226493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192478	59.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.26%	
35) Dibromofluoromethane	5.51	113	152102	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	8.72	98	533273	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.14	95	167613	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	

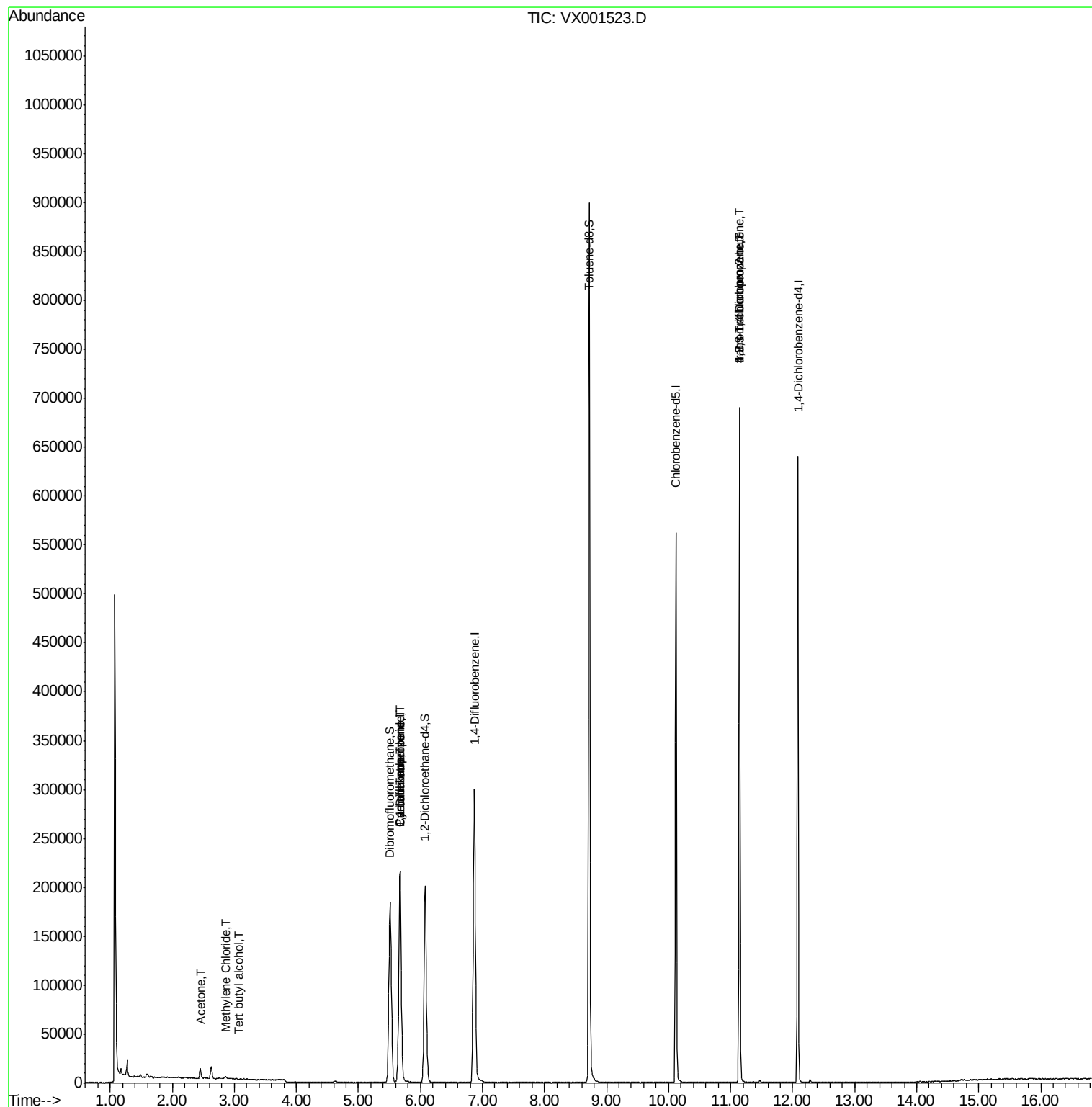
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	787	Below Cal	#	44
11) Tert butyl alcohol	3.08	59	277	0.40	ug/l	# 85
13) Acrolein	2.30	56	106	Below Cal	#	1
16) Acetone	2.45	43	10494	7.10	ug/l	98
20) Methylene Chloride	2.86	84	1176	0.40	ug/l	94
31) Cyclohexane	5.67	56	3985	0.95	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14264	3.61	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	19925	4.72	ug/l	# 16
76) 1,2,3-Trichloropropane	11.14	75	83687	30.14	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	83687	92.13	ug/l	# 7

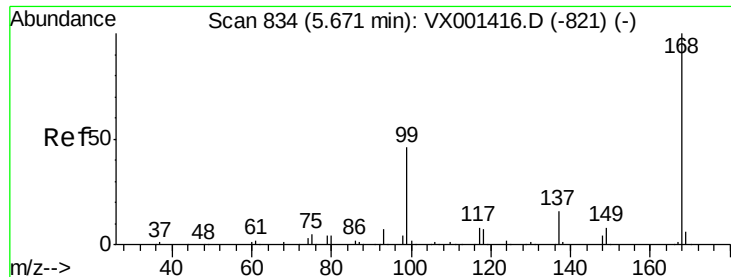
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001523.D

Acq: 08 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

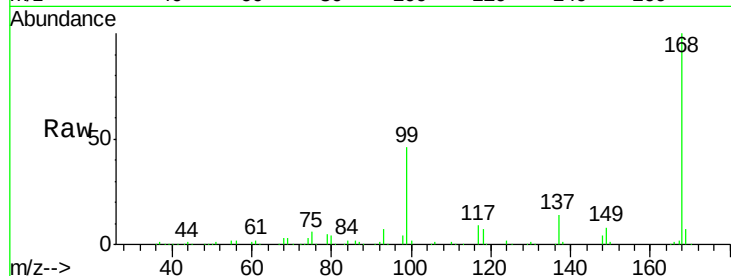
BP-TT-SW4002-20180501

Tgt Ion:168 Resp: 226493

Ion Ratio Lower Upper

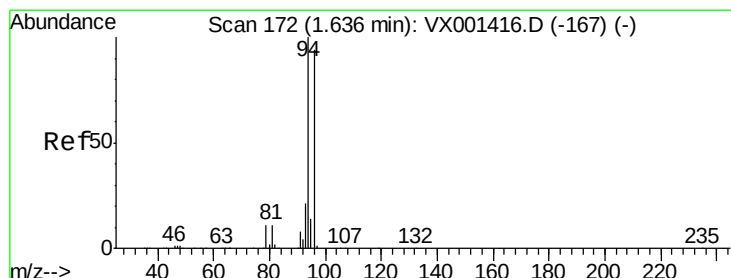
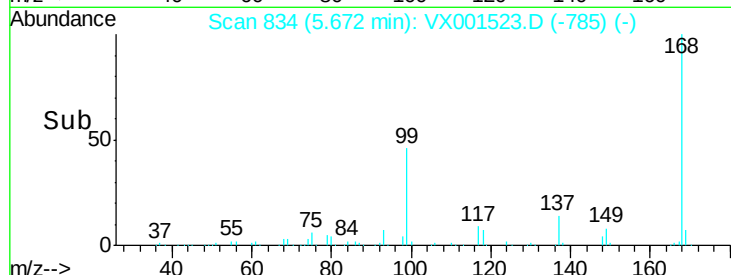
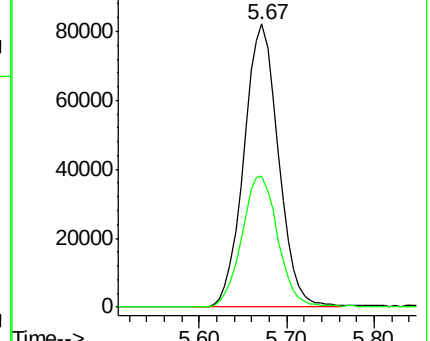
168 100

99 46.4 36.6 54.8



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: VX001523.D

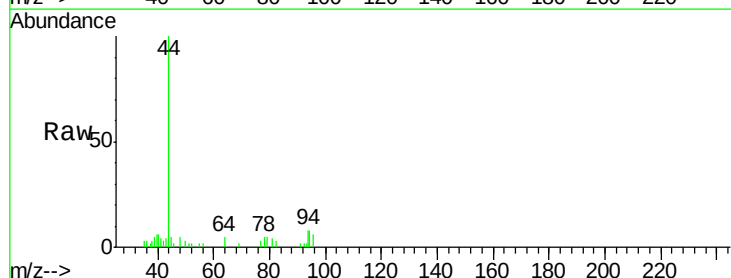
Acq: 08 May 2018 19:21

Tgt Ion: 94 Resp: 787

Ion Ratio Lower Upper

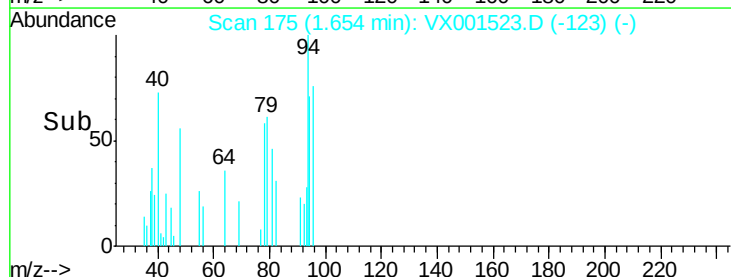
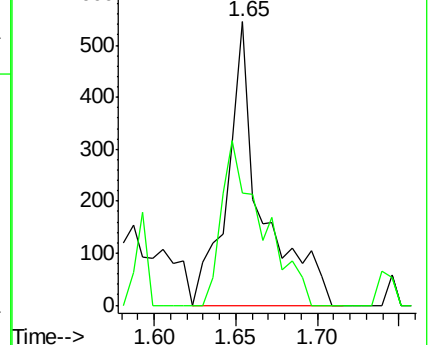
94 100

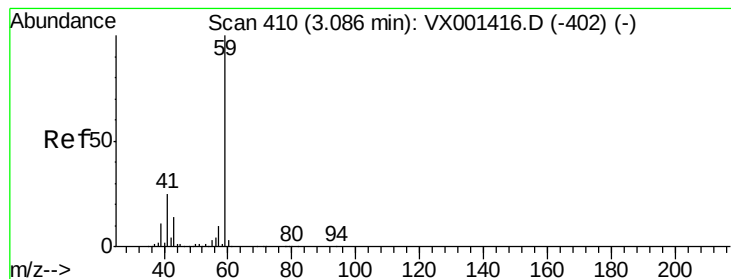
96 39.4 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#11

Tert butyl alcohol

Concen: 0.40 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001523.D

Acq: 08 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

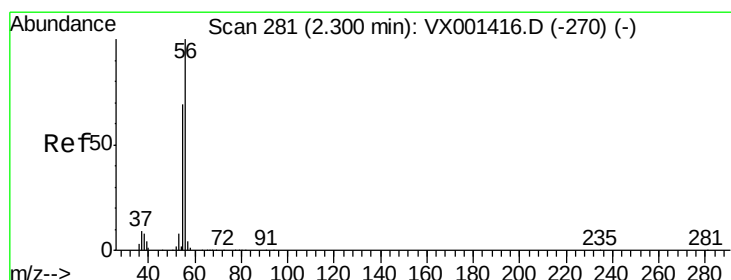
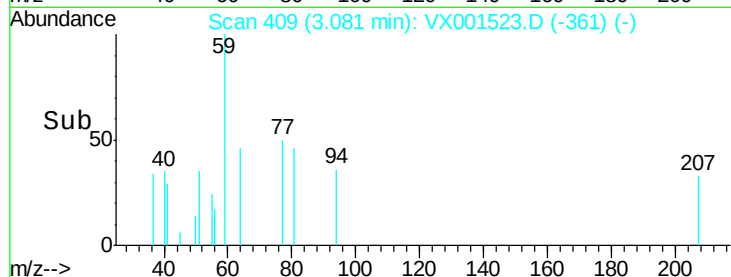
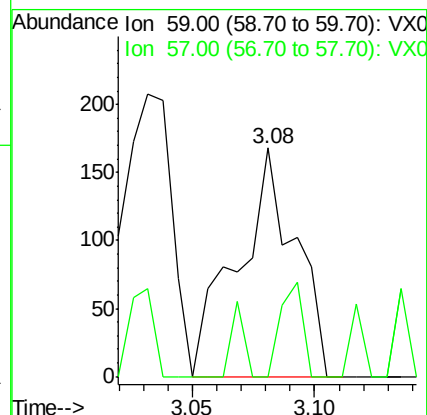
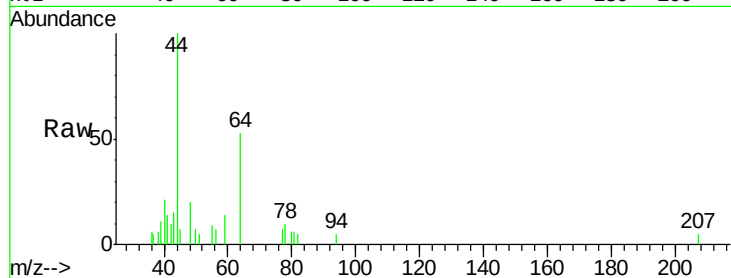
BP-TT-SW4002-20180501

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

59 100

57 15.9 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001523.D

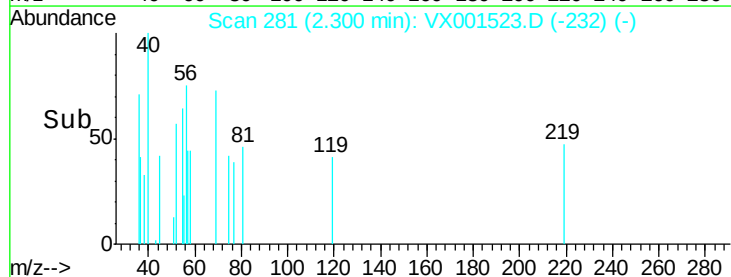
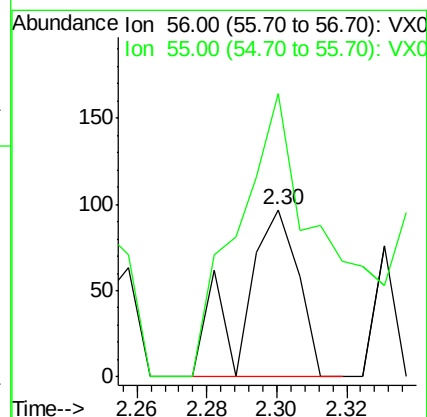
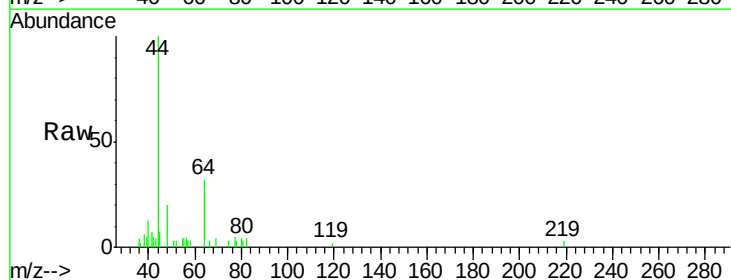
Acq: 08 May 2018 19:21

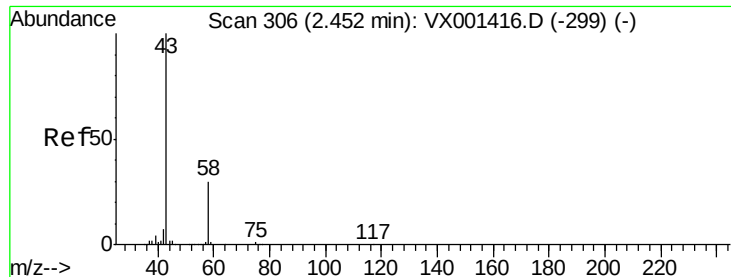
Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

55 272.6 54.5 81.7#





#16

Acetone

Concen: 7.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001523.D

Acq: 08 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

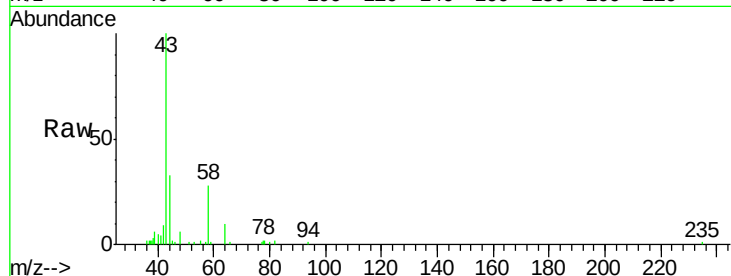
BP-TT-SW4002-20180501

Tgt Ion: 43 Resp: 10494

Ion Ratio Lower Upper

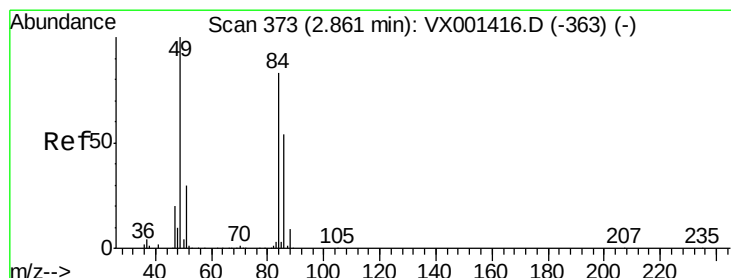
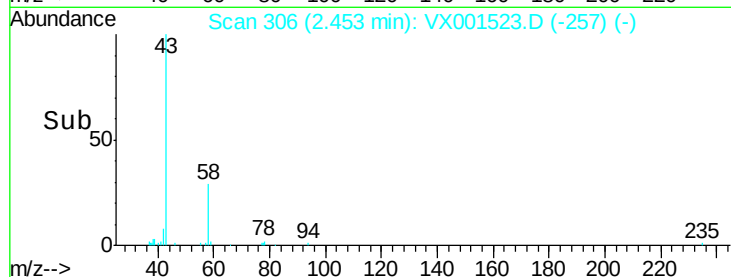
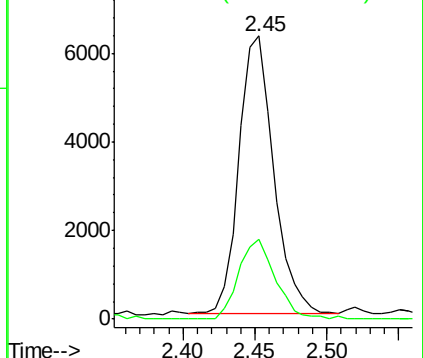
43 100

58 28.8 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: 0.40 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001523.D

Acq: 08 May 2018 19:21

Tgt Ion: 84 Resp: 1176

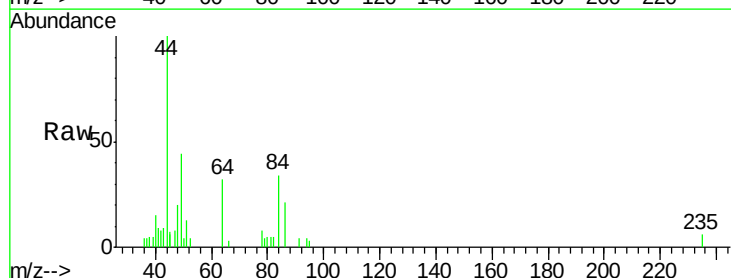
Ion Ratio Lower Upper

84 100

49 131.6 96.6 144.8

51 37.2 29.0 43.4

86 63.7 52.2 78.4

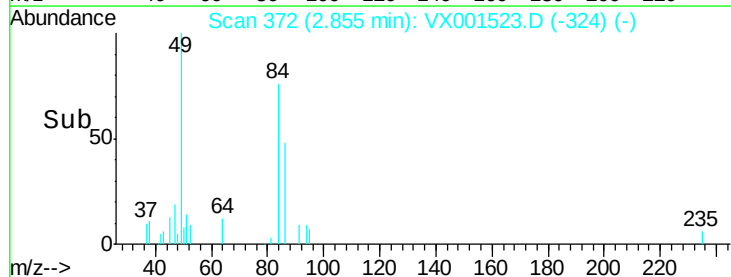
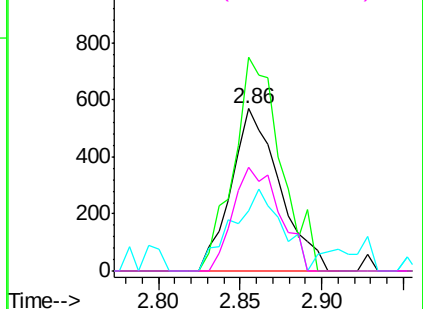


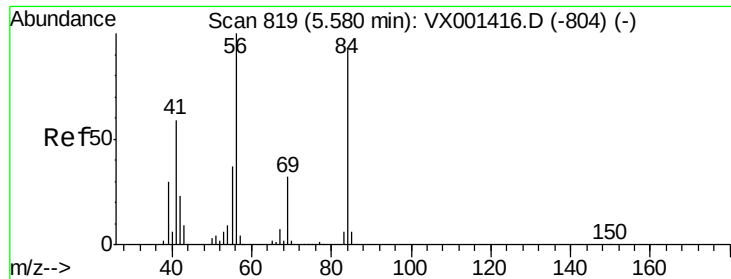
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

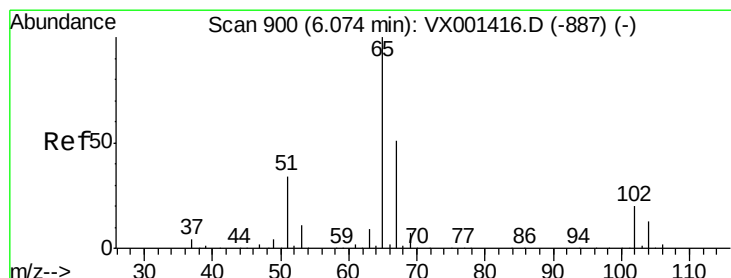
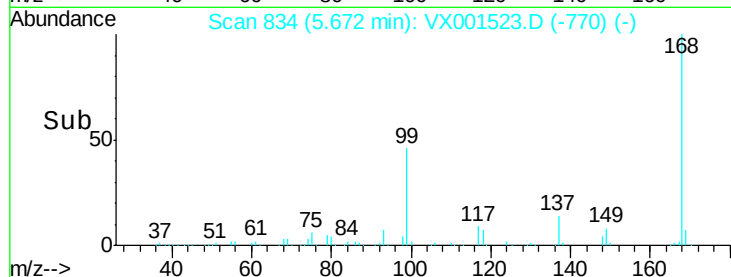
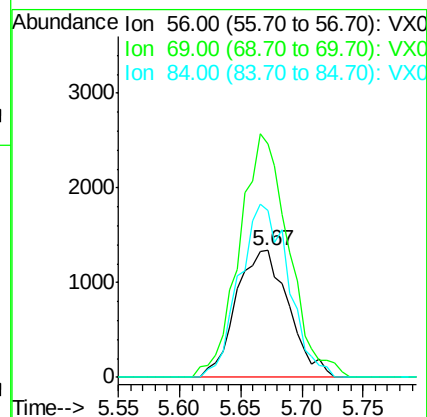
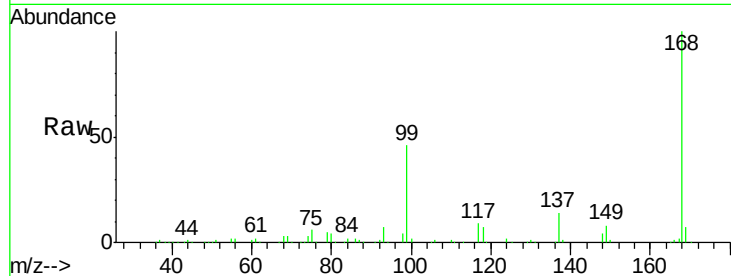




#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

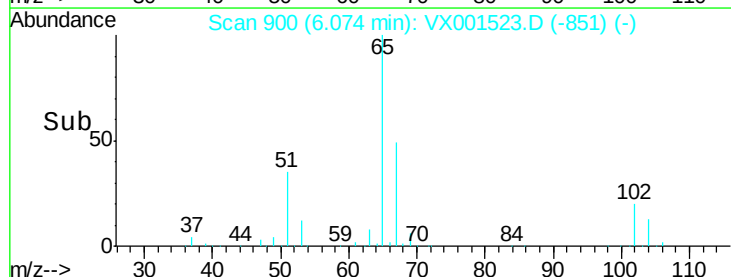
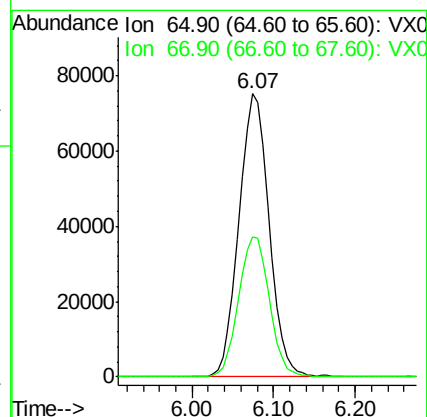
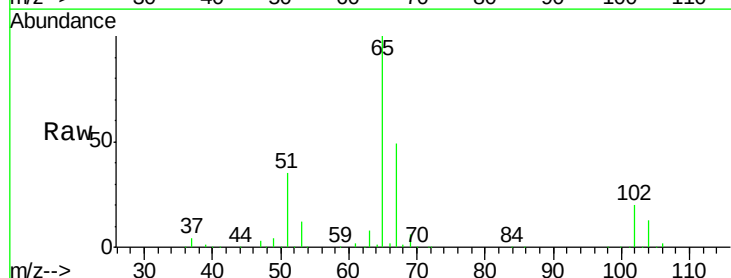
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20180501

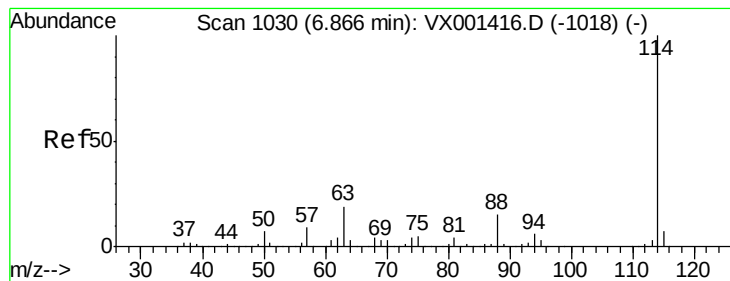
Tgt Ion: 56 Resp: 3985
Ion Ratio Lower Upper
56 100
69 184.4 25.4 38.0#
84 131.6 73.8 110.8#



#33
1,2-Dichloroethane-d4
Concen: 59.13 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

Tgt Ion: 65 Resp: 192478
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001523.D

Acq: 08 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20180501

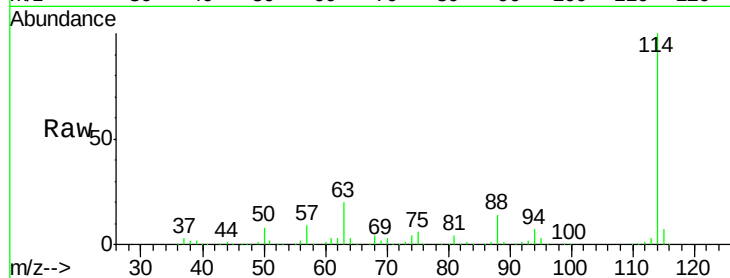
Tgt Ion:114 Resp: 311011

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

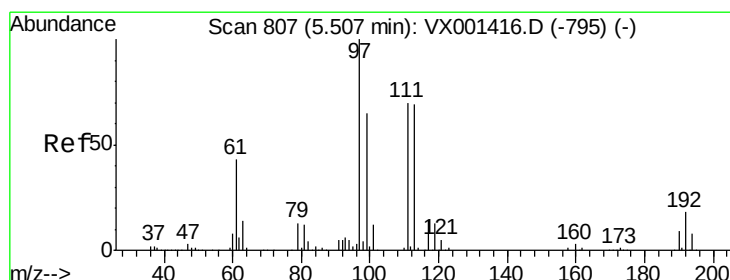
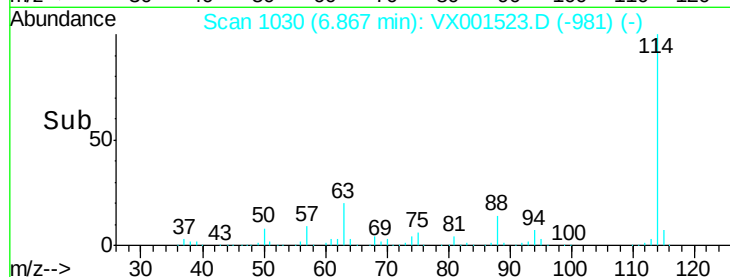
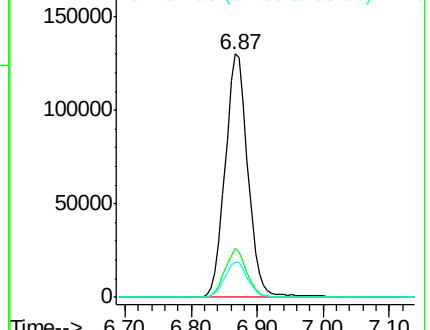
88 14.4 0.0 30.8



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: 54.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001523.D

Acq: 08 May 2018 19:21

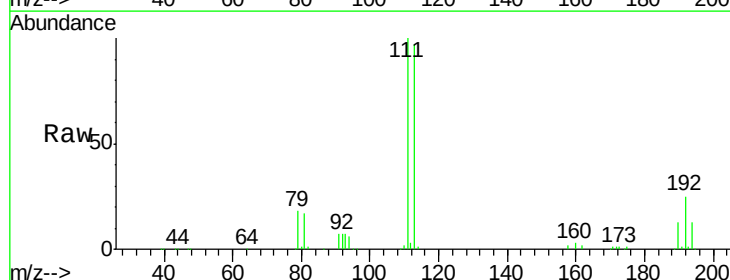
Tgt Ion:113 Resp: 152102

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

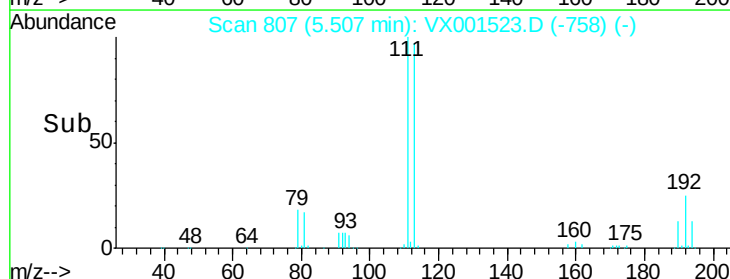
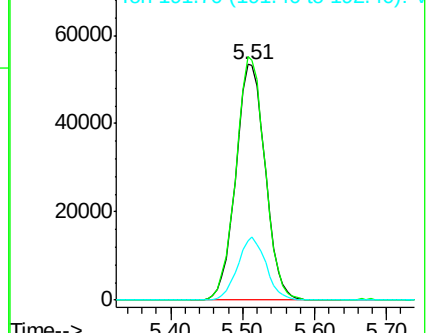
192 25.6 21.4 32.0

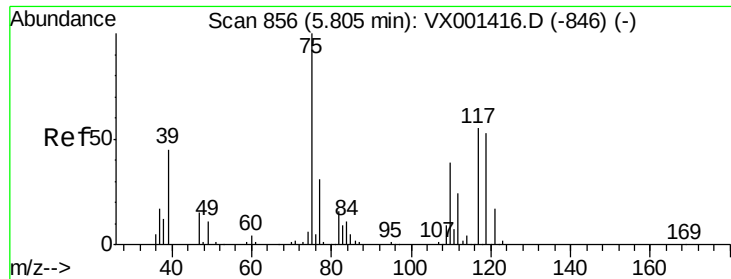


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

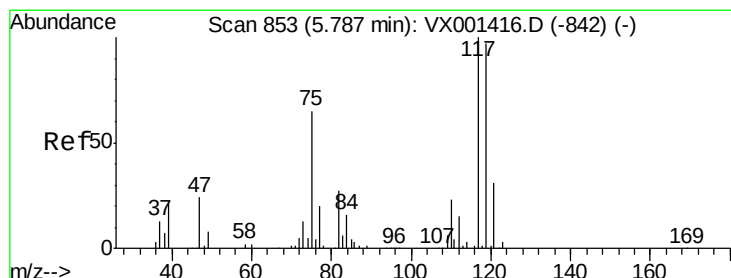
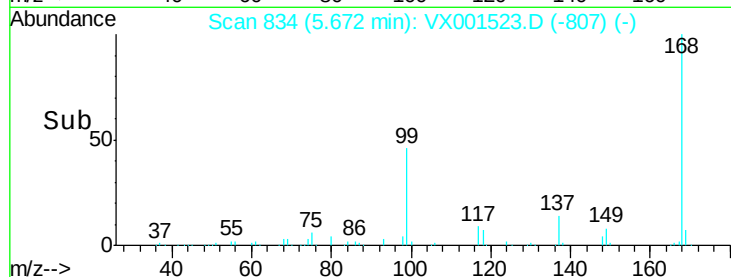
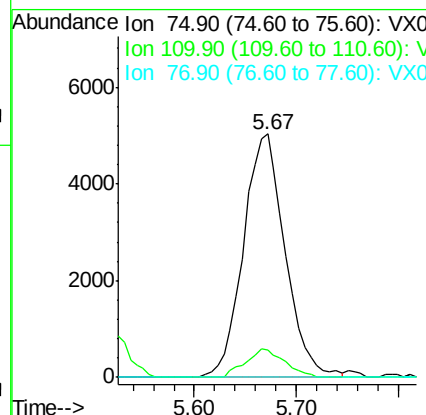
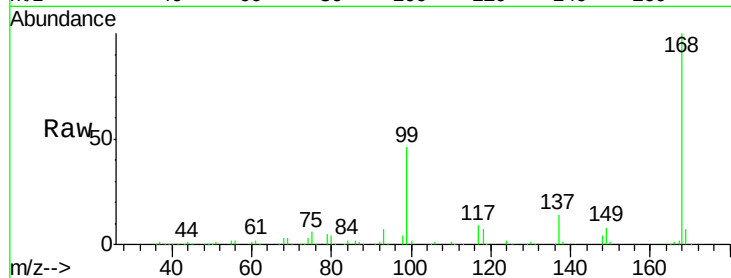




#36
 1,1-Dichloropropene
 Concen: 3.61 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001523.D
 Acq: 08 May 2018 19:21

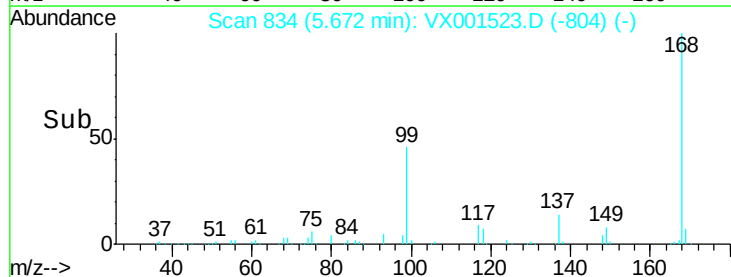
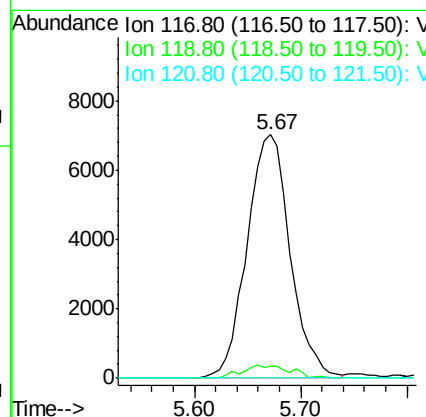
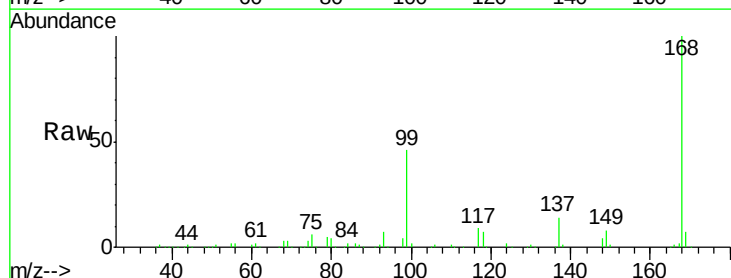
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 MSVOA_X
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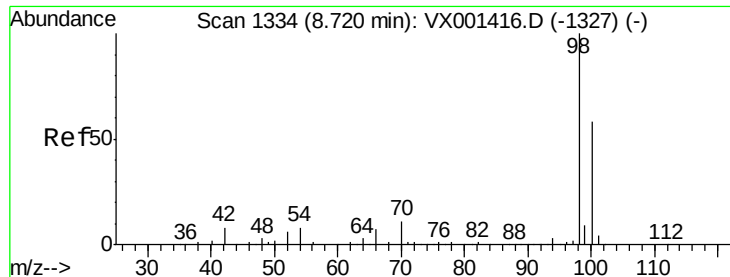
Tgt Ion: 75 Resp: 14264
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.72 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001523.D
 Acq: 08 May 2018 19:21

Tgt Ion: 117 Resp: 19925
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.0 115.6#
 121 0.0 25.1 37.7#

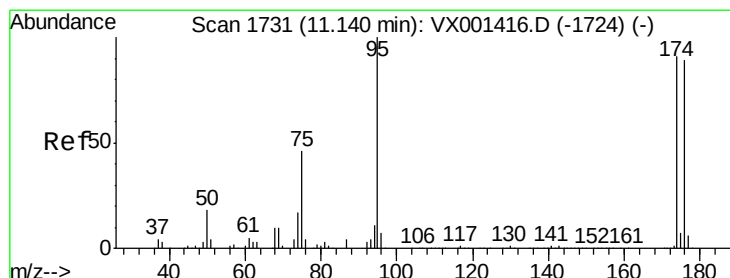
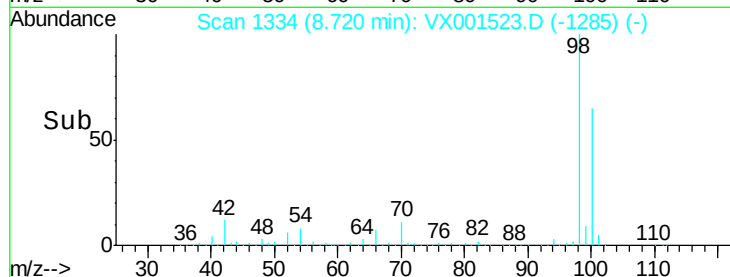
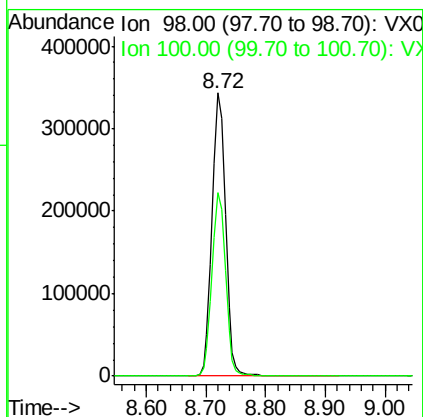
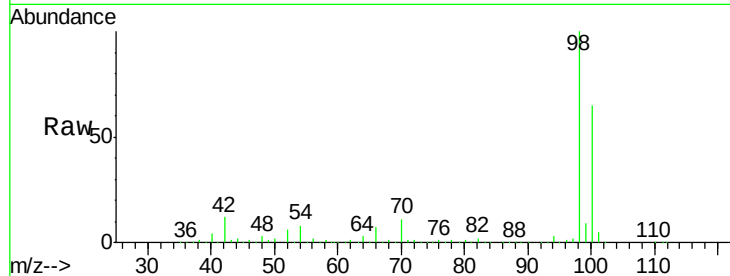




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

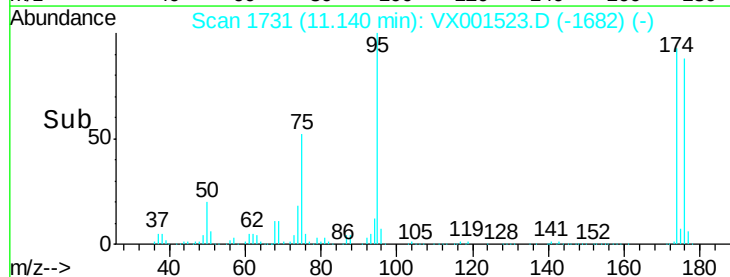
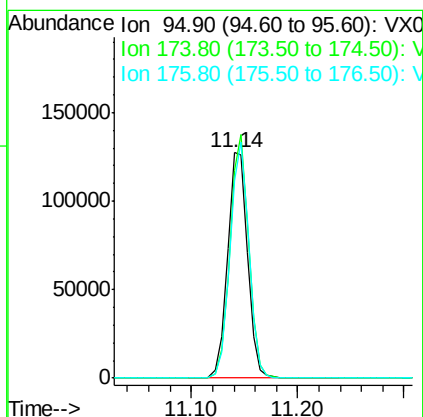
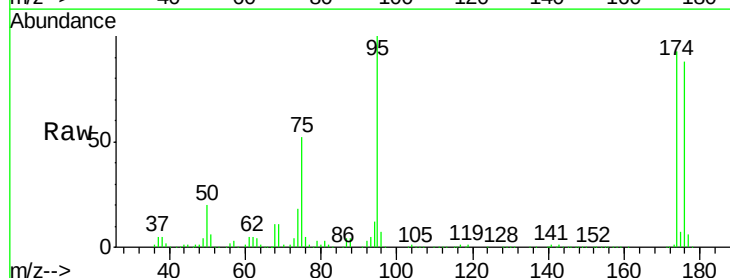
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BP-TT-SW4002-20180501

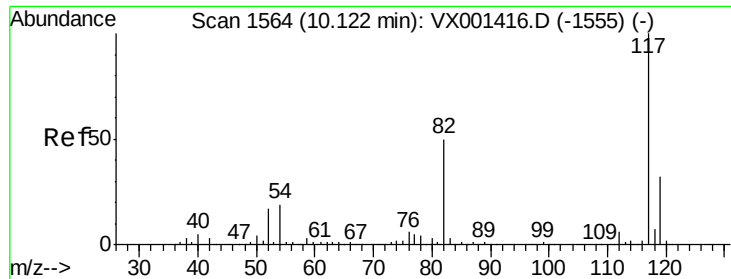
Tgt Ion: 98 Resp: 533273
Ion Ratio Lower Upper
98 100
100 65.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 43.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

Tgt Ion: 95 Resp: 167613
Ion Ratio Lower Upper
95 100
174 101.5 0.0 202.0
176 98.7 0.0 197.4

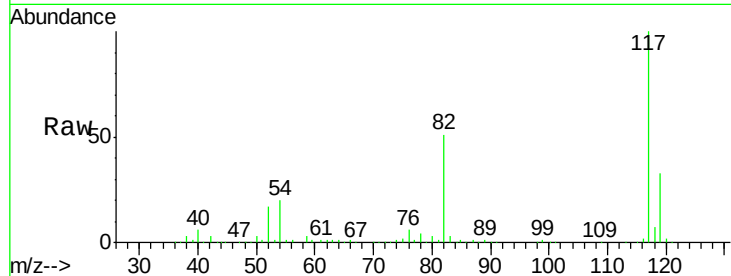




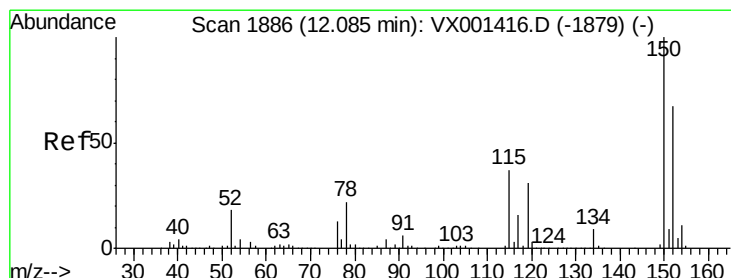
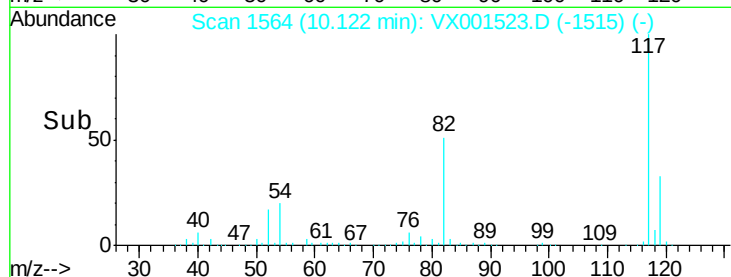
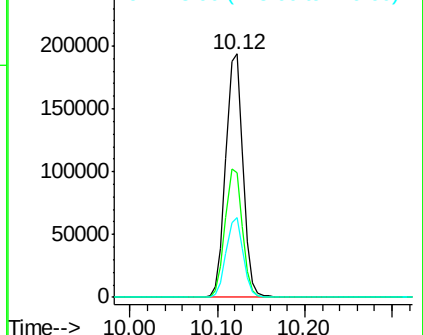
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20180501

Tgt Ion:117 Resp: 264999
Ion Ratio Lower Upper
117 100
82 51.0 40.0 60.0
119 32.6 25.8 38.8

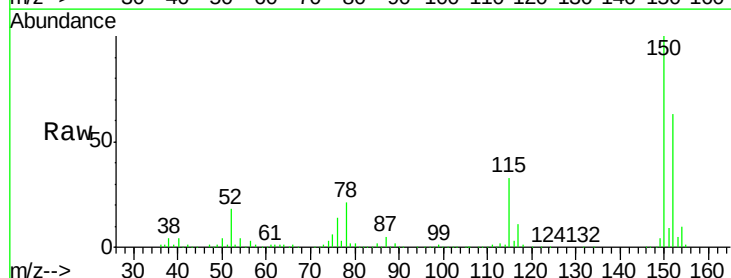


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

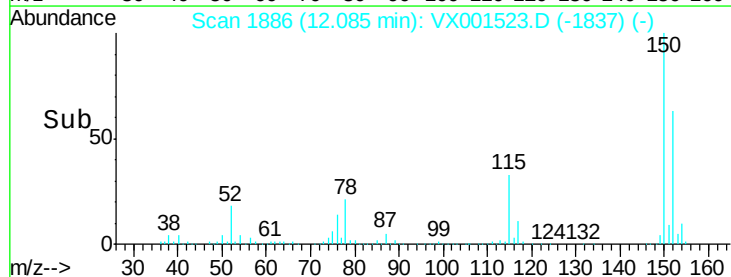
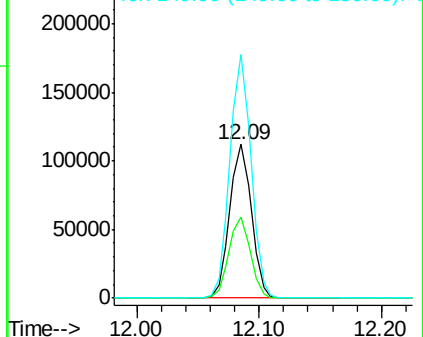


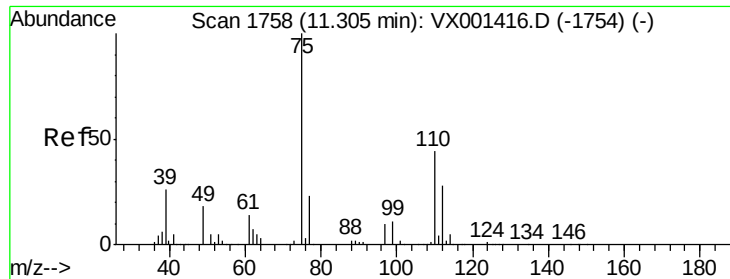
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001523.D
Acq: 08 May 2018 19:21

Tgt Ion:152 Resp: 136925
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 154.9 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

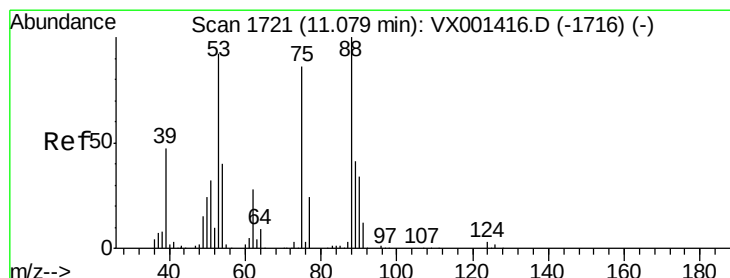
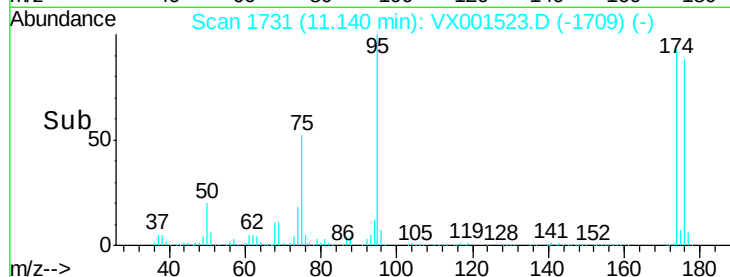
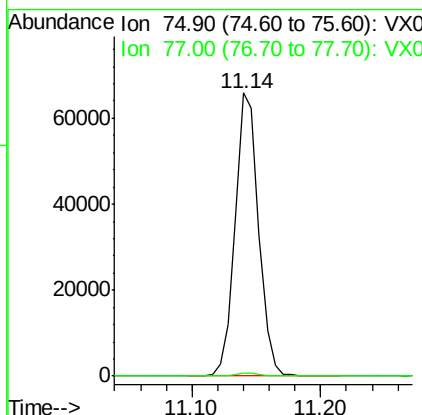
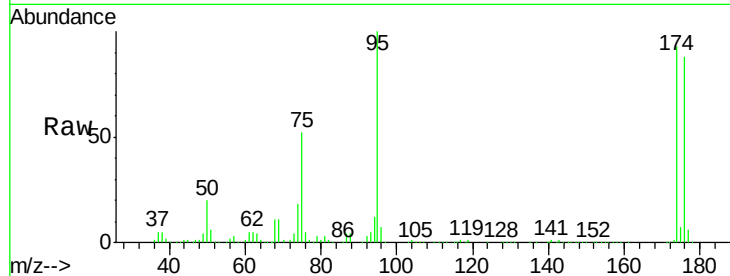




#76
 1,2,3-Trichloropropane
 Concen: 30.14 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001523.D
 Acq: 08 May 2018 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20180501

Tgt Ion: 75 Resp: 83687
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.13 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001523.D
 Acq: 08 May 2018 19:21

Tgt Ion: 75 Resp: 83687
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

