

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001514.D
 Acq On : 08 May 2018 15:19
 Operator : JC/MD
 Sample : J2659-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20180429

Quant Time: May 09 06:44:51 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	258631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194902	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216043	58.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.24%	
35) Dibromofluoromethane	5.51	113	166160	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.72	98	590398	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.14	95	206329	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

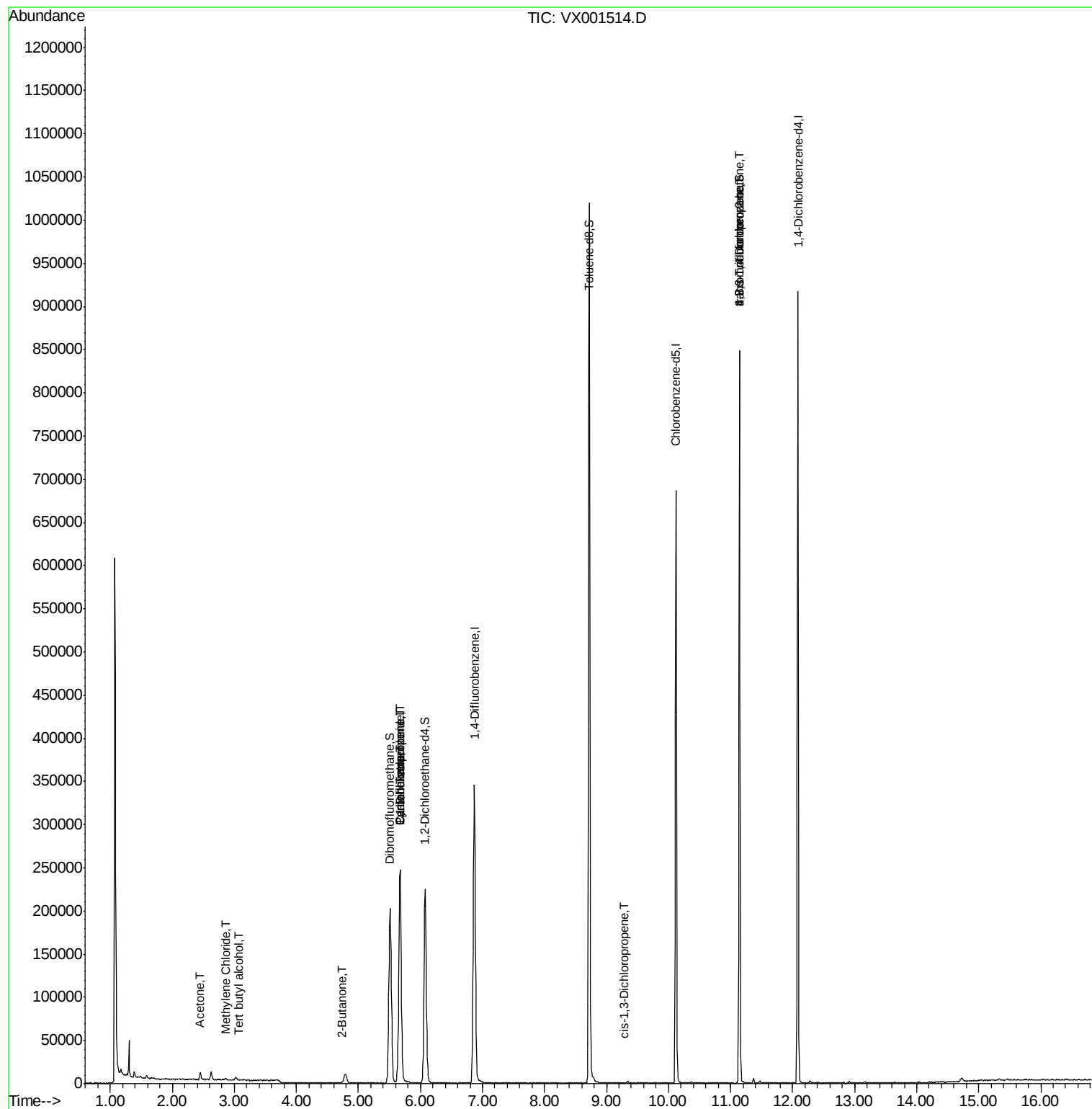
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	73	Below Cal	#	3
11) Tert butyl alcohol	3.08	59	768	0.98	ug/l #	56
13) Acrolein	2.30	56	215	Below Cal	#	62
16) Acetone	2.45	43	9014	5.34	ug/l	97
20) Methylene Chloride	2.86	84	717	0.21	ug/l #	80
25) 2-Butanone	4.73	43	1657	0.68	ug/l	92
31) Cyclohexane	5.67	56	4662	0.97	ug/l #	7
36) 1,1-Dichloropropene	5.67	75	16427	3.61	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22836	4.71	ug/l #	16
54) cis-1,3-Dichloropropene	9.29	75	22	2.27	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	102908	26.03	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	102908	80.18	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: VX001514.D

Acq: 08 May 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

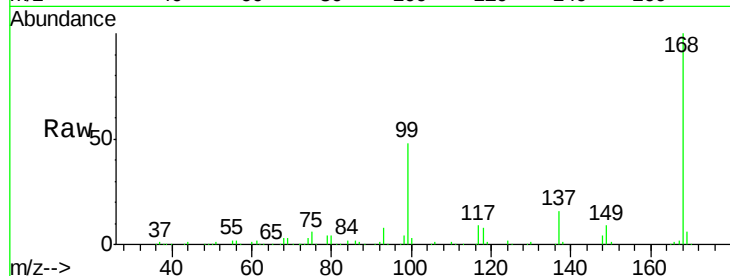
BP-EB02-20180429

Tgt Ion: 168 Resp: 258631

Ion Ratio Lower Upper

168 100

99 48.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

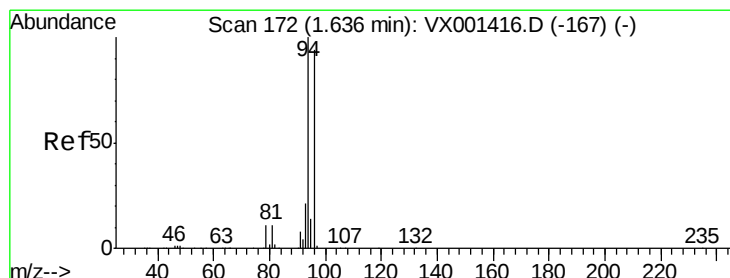
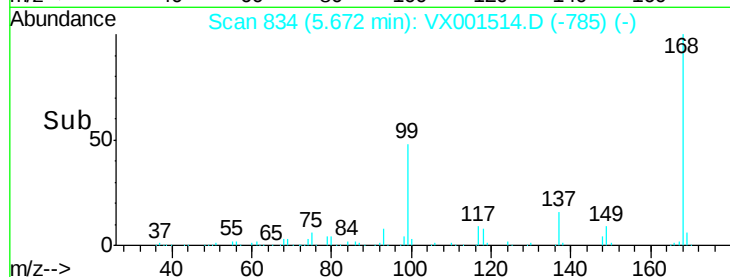
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001514.D

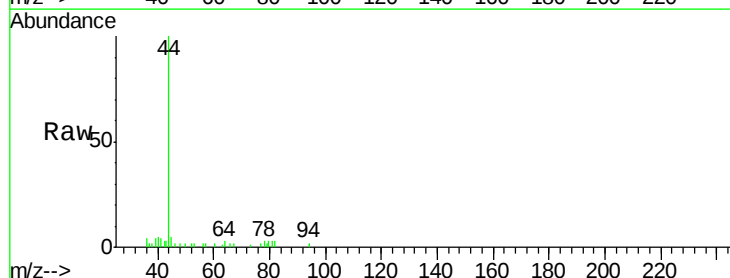
Acq: 08 May 2018 15:19

Tgt Ion: 94 Resp: 73

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.61

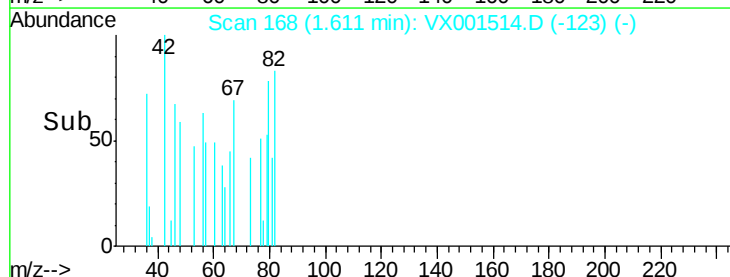
150

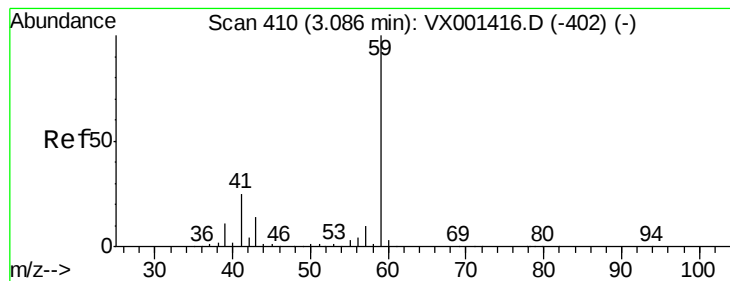
100

50

0

Time--> 1.60 1.61 1.62 1.63



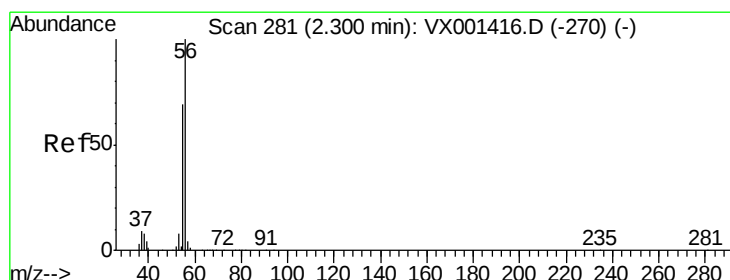
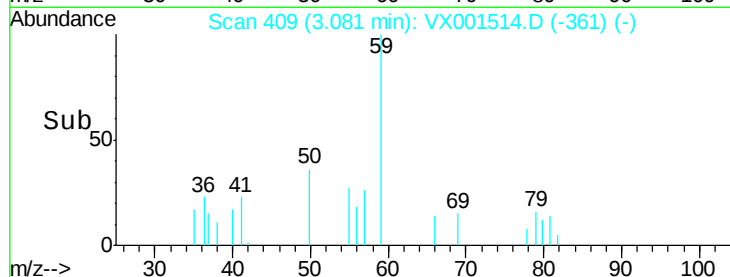
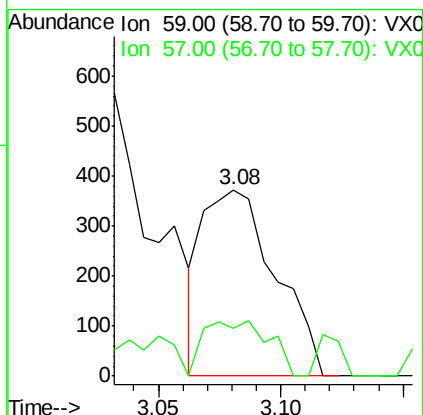
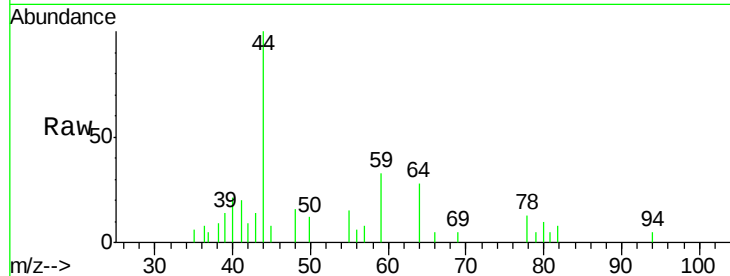


#11

Tert butyl alcohol
 Concen: 0.98 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20180429

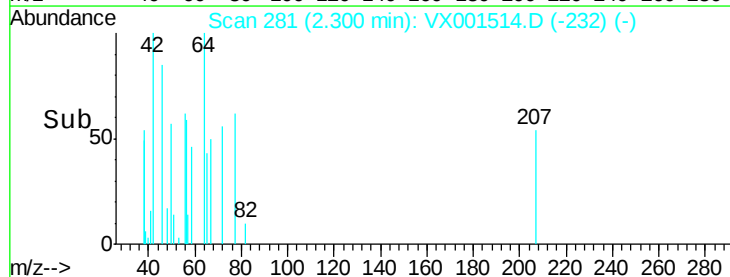
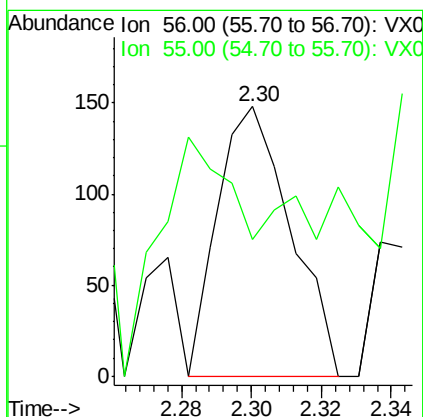
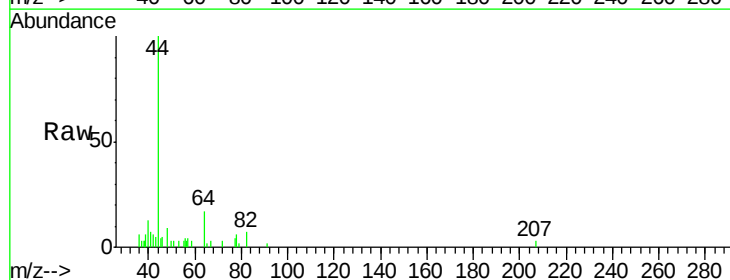
Tgt Ion: 59 Resp: 768
 Ion Ratio Lower Upper
 59 100
 57 26.6 8.2 12.4#

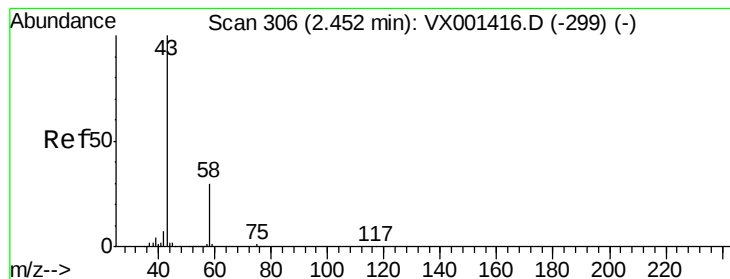


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

Tgt Ion: 56 Resp: 215
 Ion Ratio Lower Upper
 56 100
 55 98.6 54.5 81.7#





#16

Acetone

Concen: 5.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

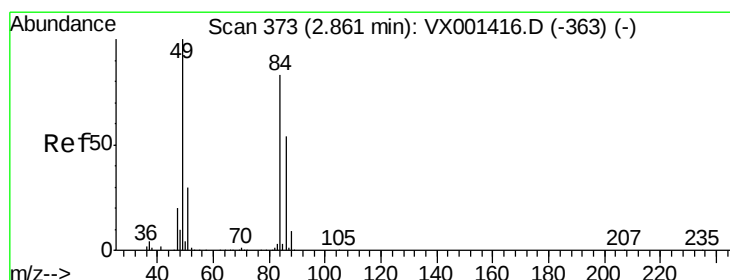
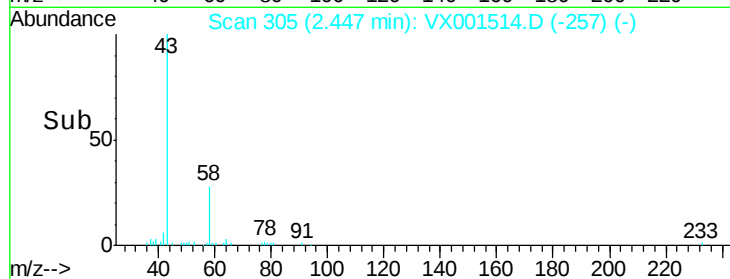
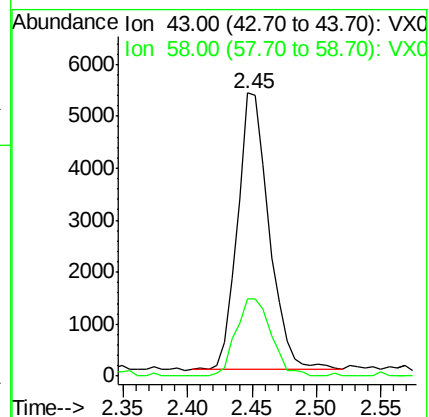
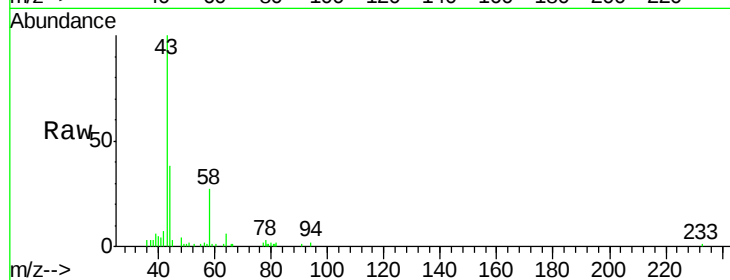
BP-EB02-20180429

Tgt Ion: 43 Resp: 9014

Ion Ratio Lower Upper

43 100

58 28.2 23.8 35.8



#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

Tgt Ion: 84 Resp: 717

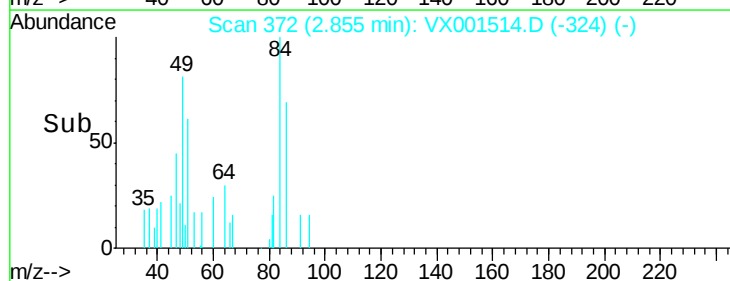
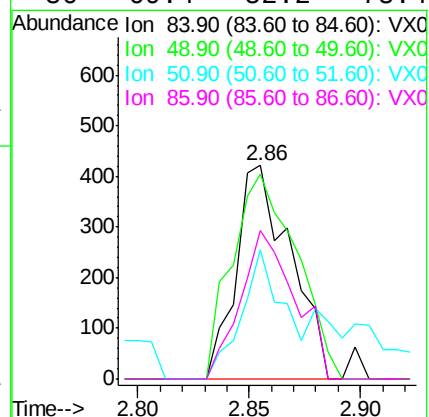
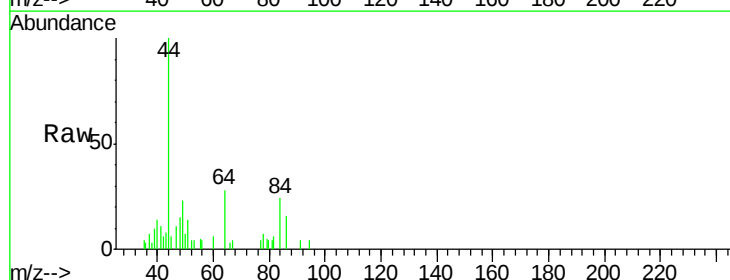
Ion Ratio Lower Upper

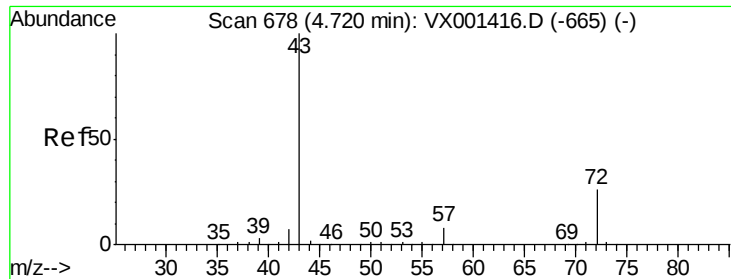
84 100

49 95.7 96.6 144.8#

51 60.7 29.0 43.4#

86 69.4 52.2 78.4

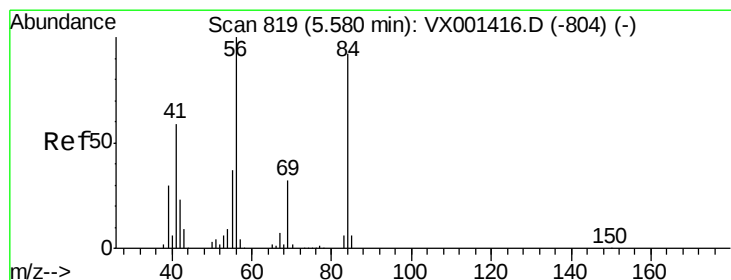
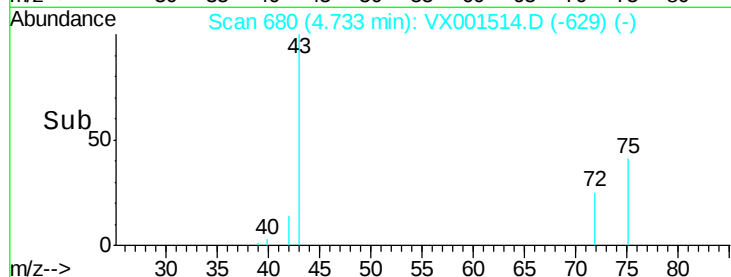
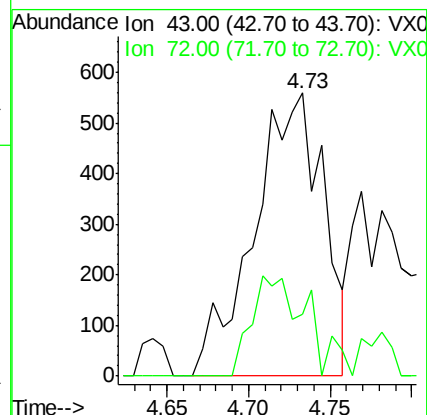
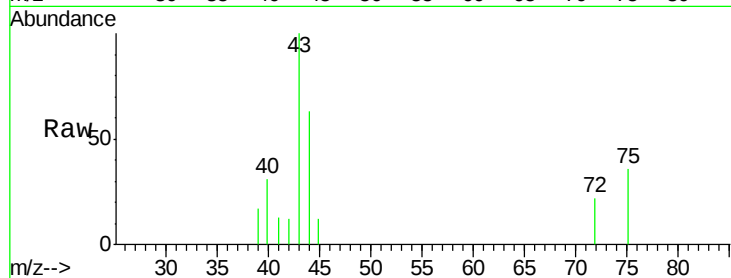




#25
2-Butanone
Concen: 0.68 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

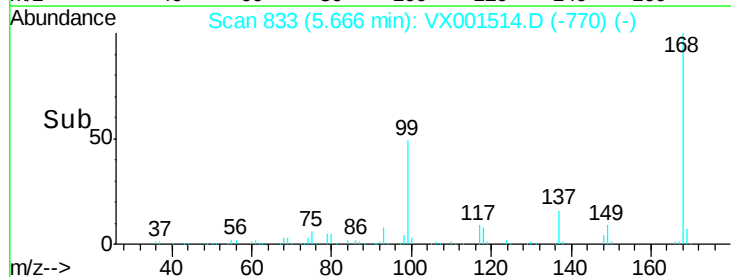
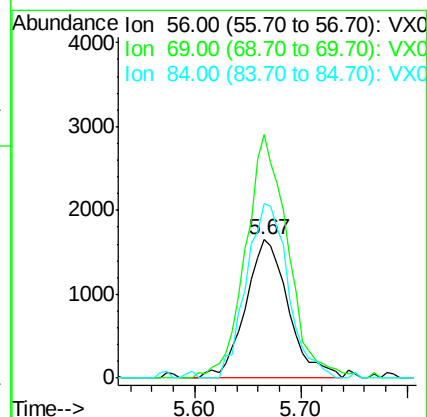
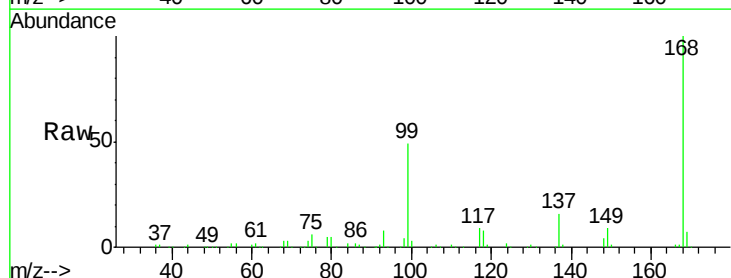
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

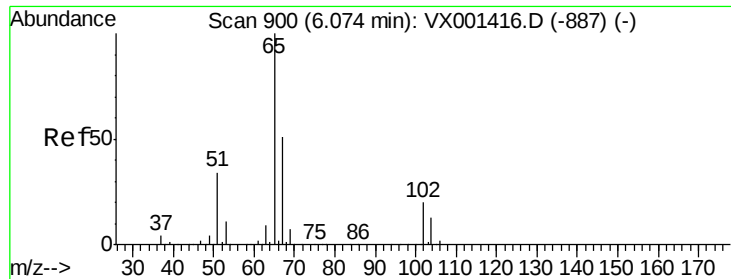
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
72 22.0 20.7 31.1



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

Tgt Ion: 56 Resp: 4662
Ion Ratio Lower Upper
56 100
69 175.8 25.4 38.0#
84 126.3 73.8 110.8#

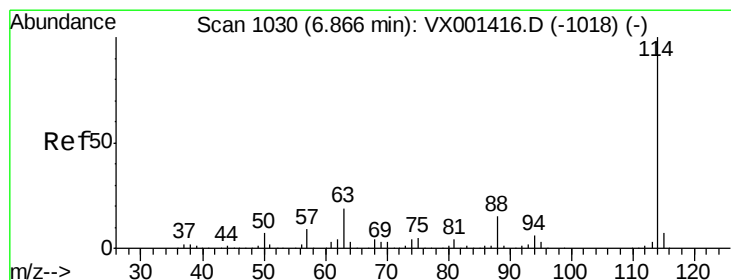
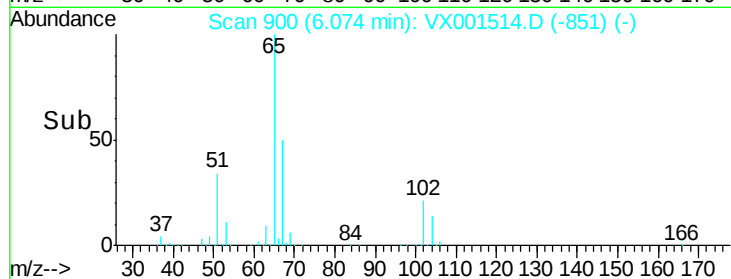
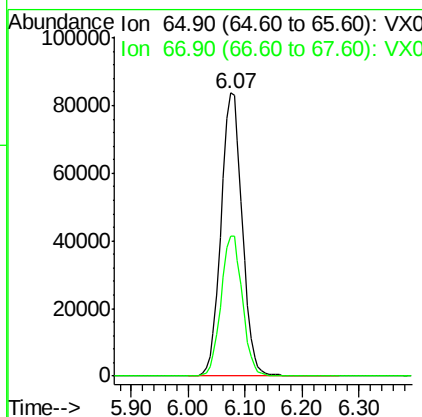
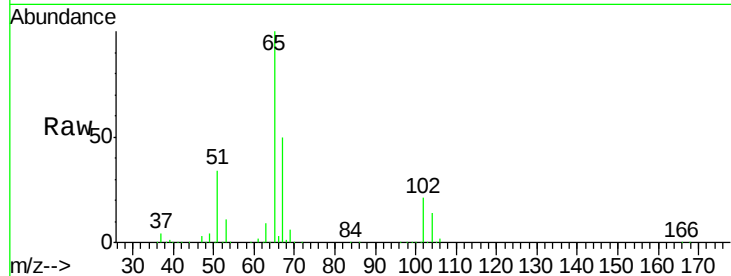




#33
 1,2-Dichloroethane-d4
 Concen: 58.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

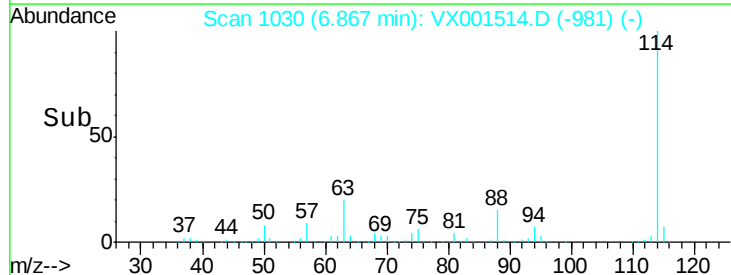
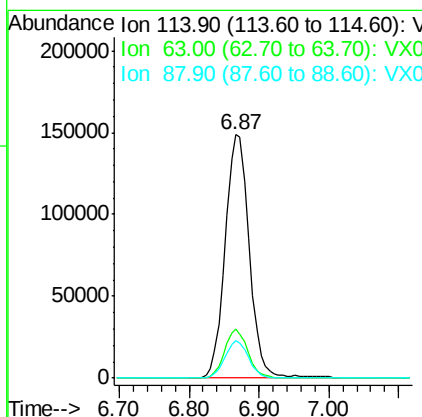
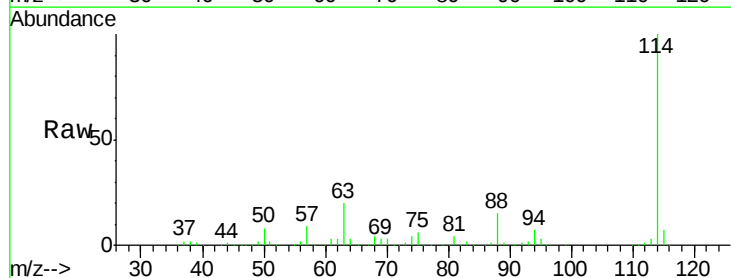
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20180429

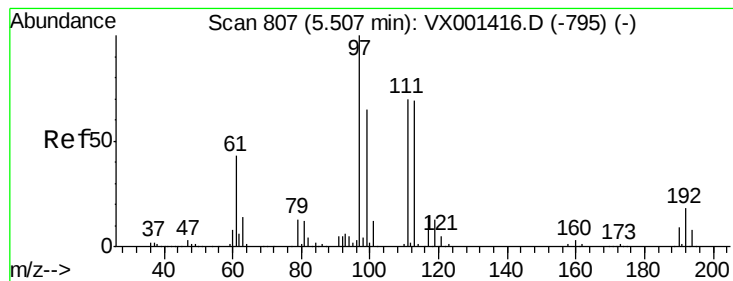
Tgt Ion: 65 Resp: 216043
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

Tgt Ion: 114 Resp: 357559
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.24 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

BP-EB02-20180429

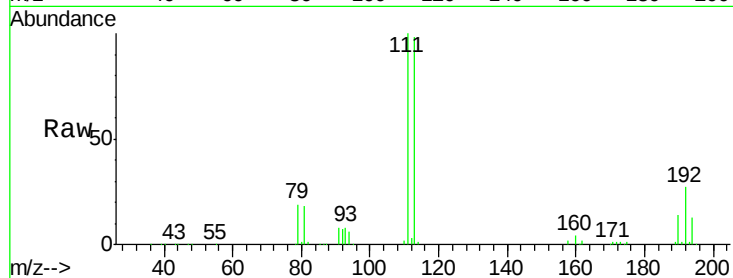
Tgt Ion:113 Resp: 166160

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

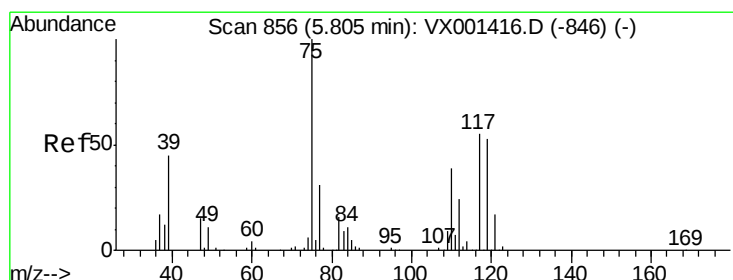
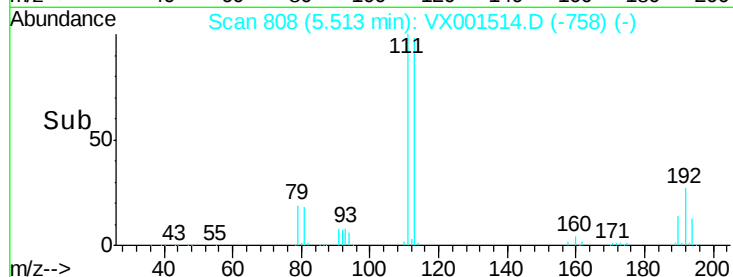
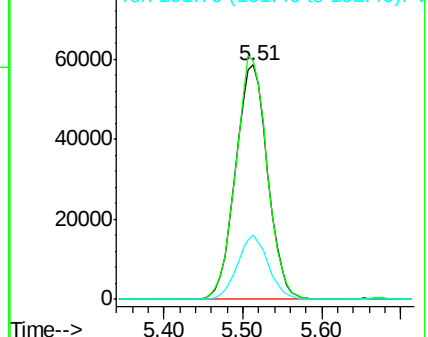
192 26.2 21.4 32.0



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# 833

Delta R.T. -0.14 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

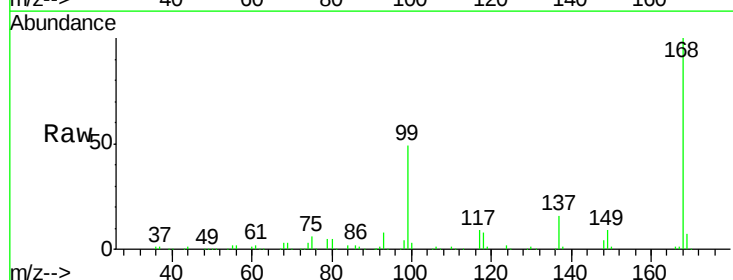
Tgt Ion: 75 Resp: 16427

Ion Ratio Lower Upper

75 100

110 9.6 18.9 56.7#

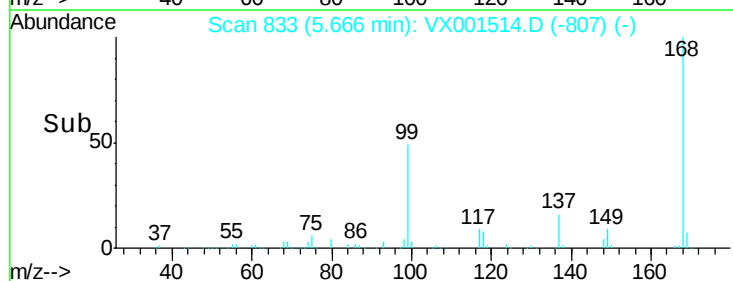
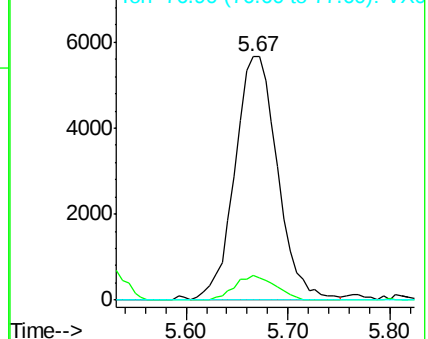
77 0.0 24.9 37.3#

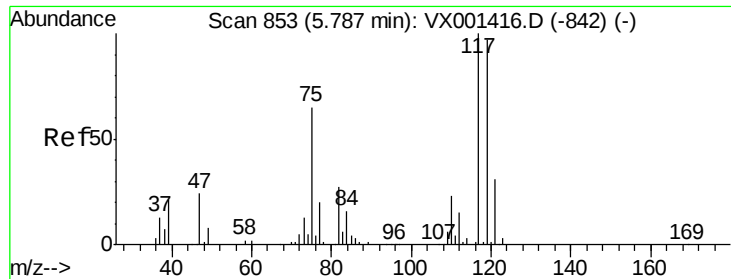


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

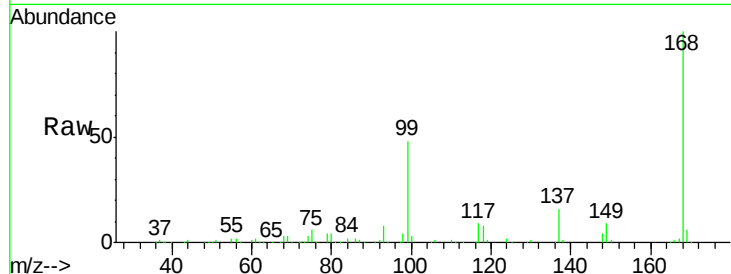




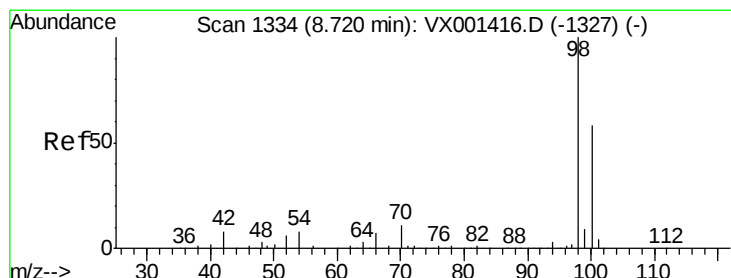
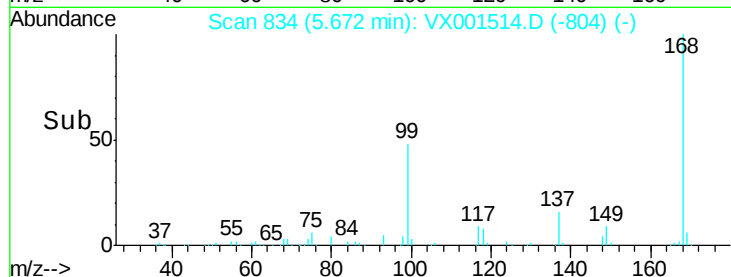
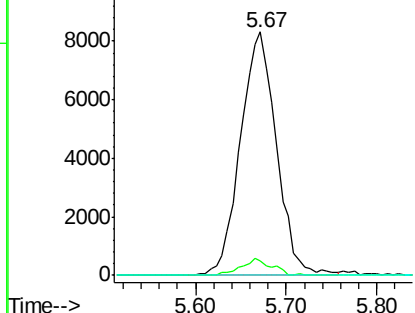
#38
Carbon Tetrachloride
Concen: 4.71 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

Tgt Ion: 117 Resp: 22836
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 25.1 37.7#

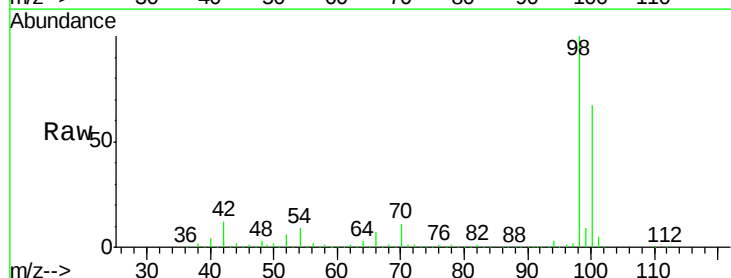


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

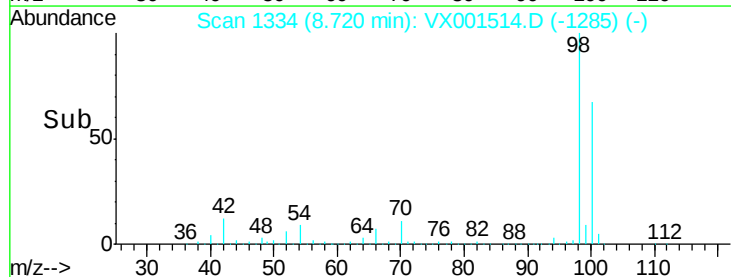
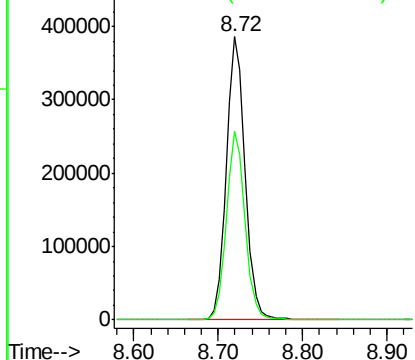


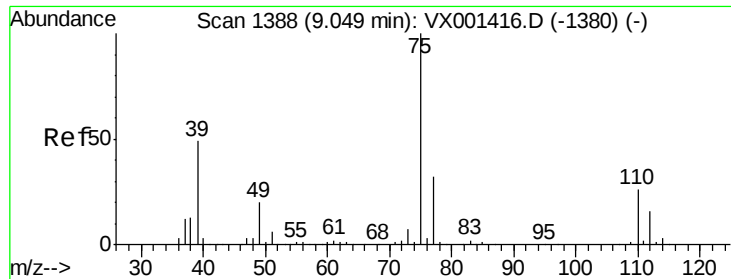
#50
Toluene-d8
Concen: 50.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

Tgt Ion: 98 Resp: 590398
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

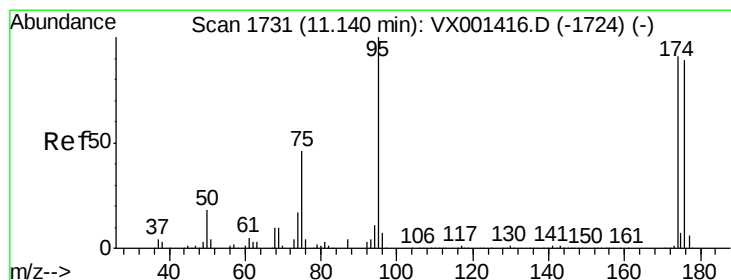
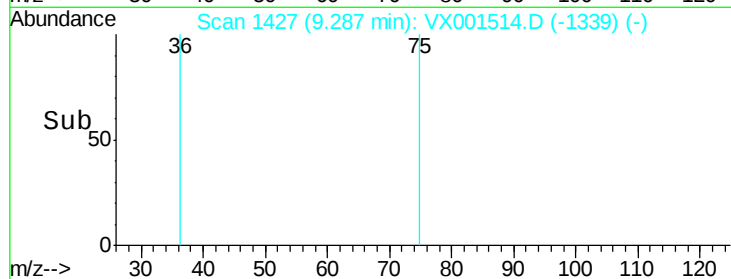
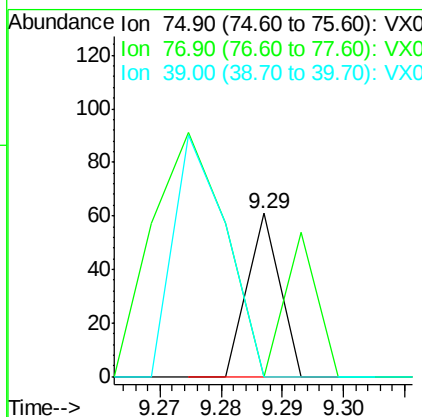
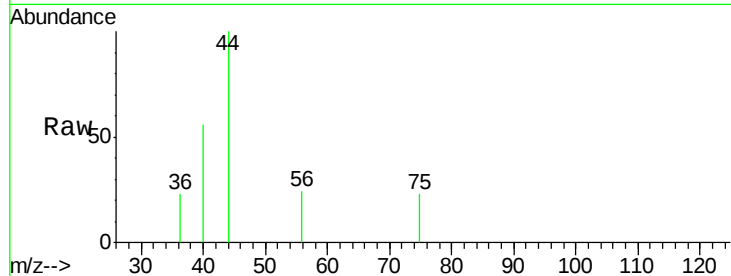




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.29 min Scan# 1427
 Delta R.T. 0.24 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

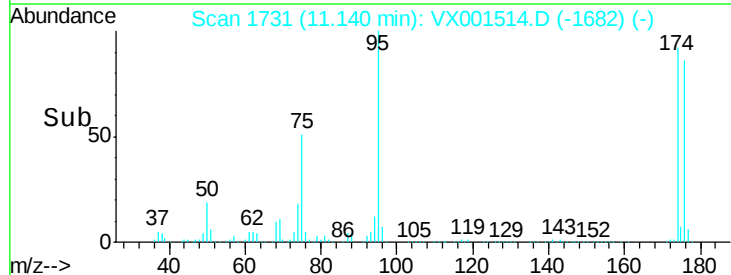
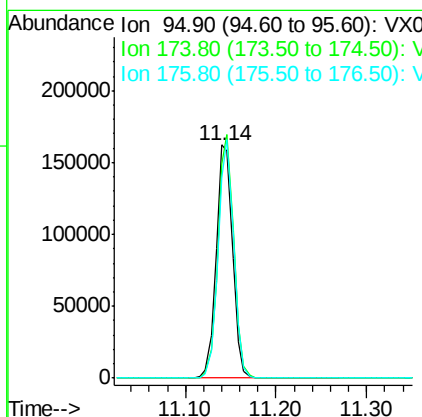
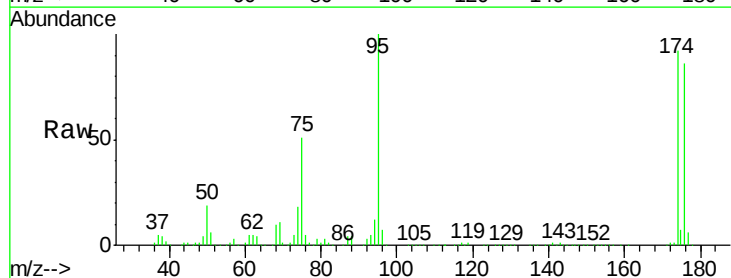
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20180429

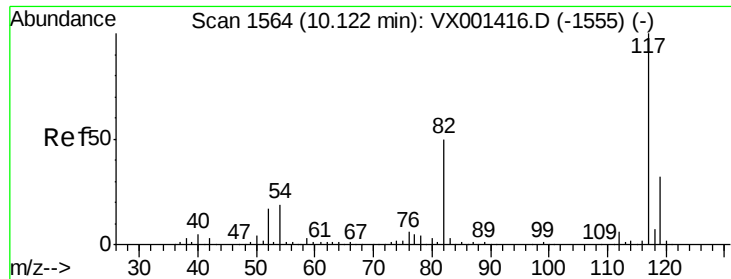
Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 46.30 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001514.D
 Acq: 08 May 2018 15:19

Tgt Ion: 95 Resp: 206329
 Ion Ratio Lower Upper
 95 100
 174 100.2 0.0 202.0
 176 96.2 0.0 197.4

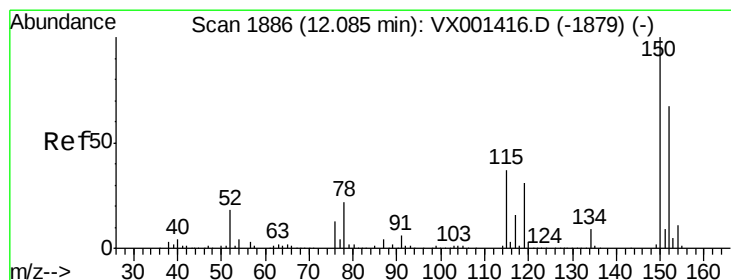
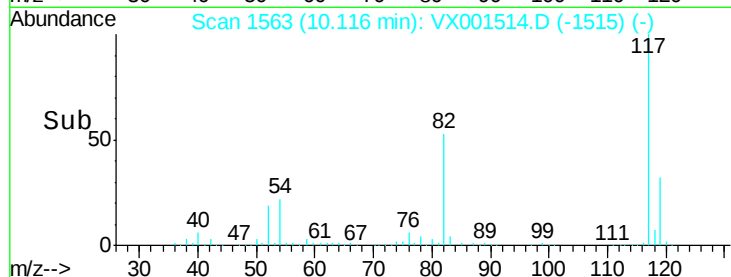
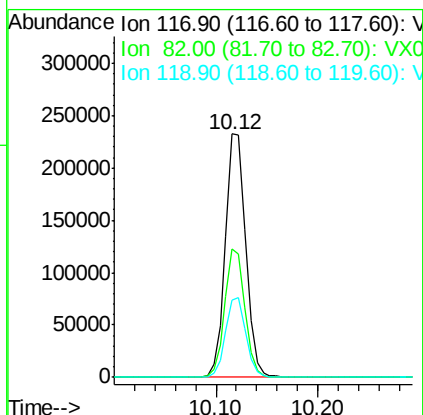
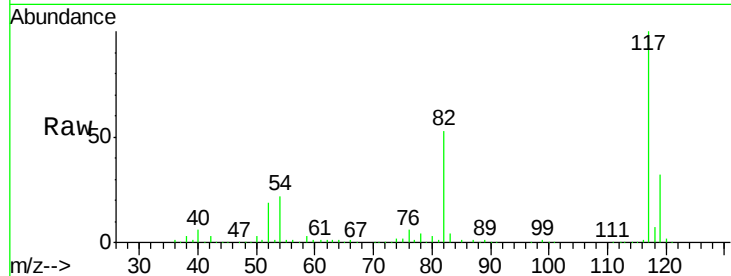




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

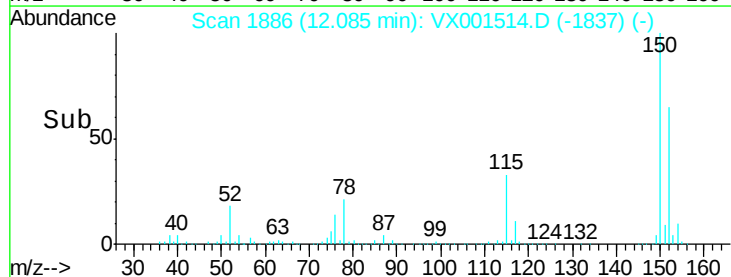
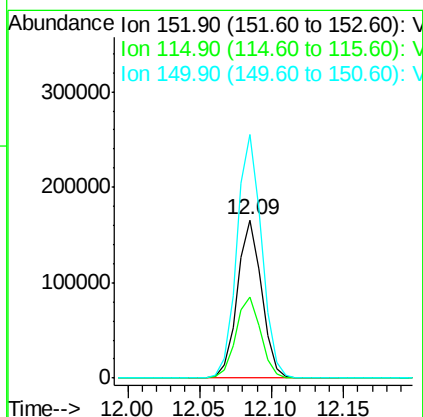
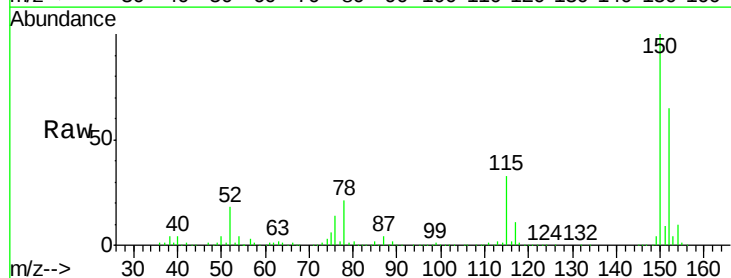
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

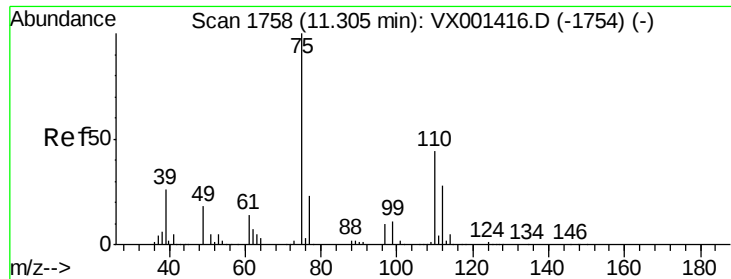
Tgt Ion:117 Resp: 322837
Ion Ratio Lower Upper
117 100
82 52.8 40.0 60.0
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001514.D
Acq: 08 May 2018 15:19

Tgt Ion:152 Resp: 194902
Ion Ratio Lower Upper
152 100
115 52.5 37.7 113.1
150 156.9 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 26.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

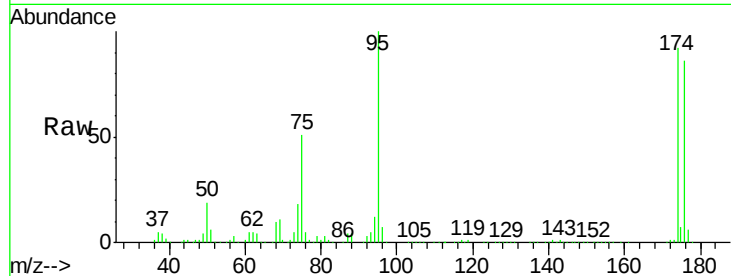
BP-EB02-20180429

Tgt Ion: 75 Resp: 102908

Ion Ratio Lower Upper

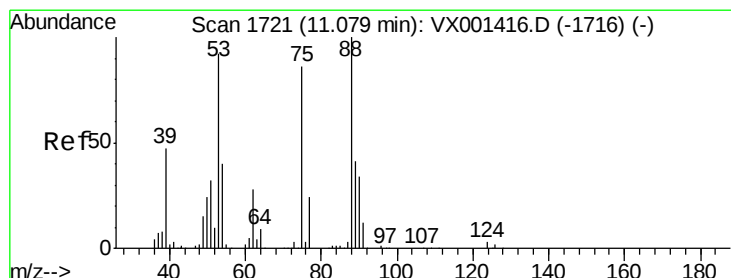
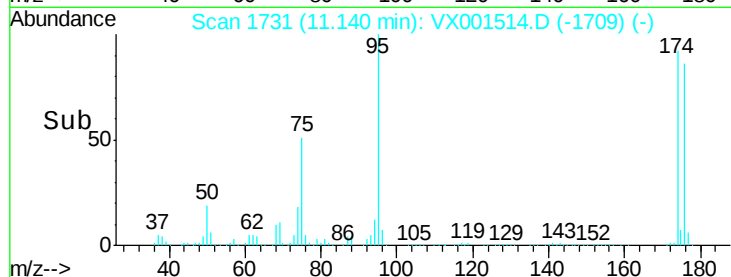
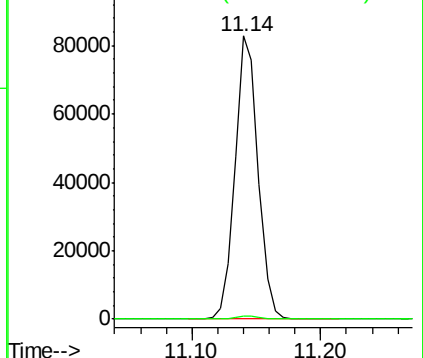
75 100

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: 80.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001514.D

Acq: 08 May 2018 15:19

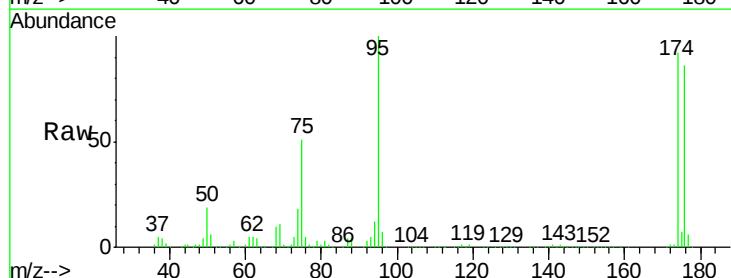
Tgt Ion: 75 Resp: 102908

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

