

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001470.D
 Acq On : 07 May 2018 17:07
 Operator : JC/MD
 Sample : J2659-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

Quant Time: May 08 06:07:35 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	289264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194584	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	243807	58.64	ug/l	0.00
Spiked Amount			Recovery	=	117.28%	
35) Dibromofluoromethane	5.51	113	188685	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
50) Toluene-d8	8.72	98	627726	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.14	95	208273	41.59	ug/l	0.00
Spiked Amount			Recovery	=	83.18%	

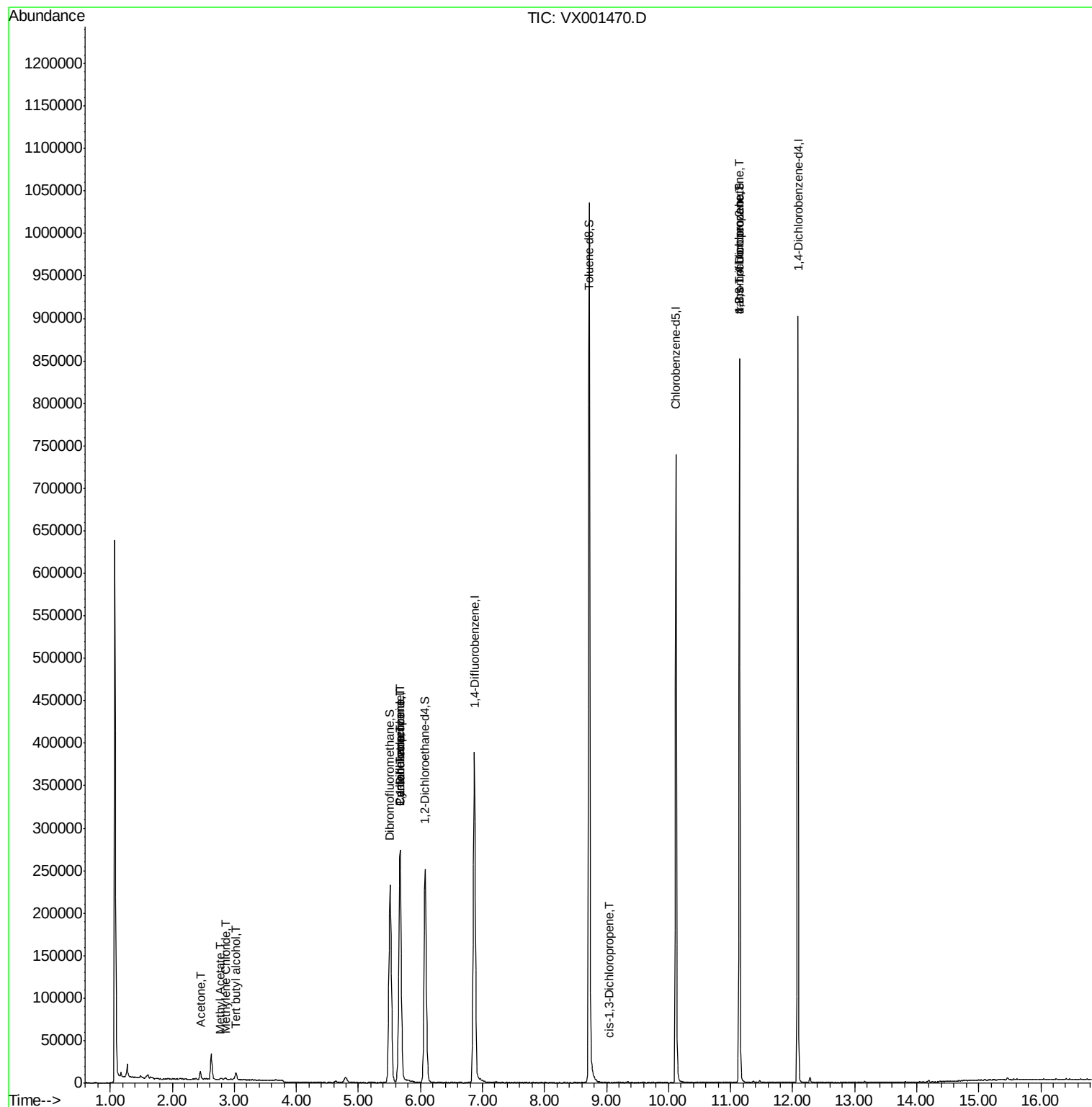
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	968	Below Cal		95
11) Tert butyl alcohol	3.02	59	5103	5.82 ug/l	#	76
13) Acrolein	2.30	56	135	Below Cal	#	38
16) Acetone	2.45	43	10951	5.80 ug/l		98
18) Methyl Acetate	2.78	43	1288	0.26 ug/l		97
20) Methylene Chloride	2.86	84	833	0.22 ug/l	#	76
31) Cyclohexane	5.67	56	5059	0.95 ug/l	#	31
36) 1,1-Dichloropropene	5.67	75	18462	3.61 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24954	4.58 ug/l	#	16
54) cis-1,3-Dichloropropene	9.05	75	48	2.27 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	105135	26.64 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	105135	81.94 ug/l	#	7

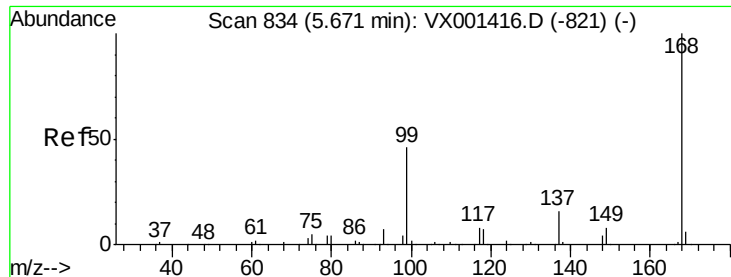
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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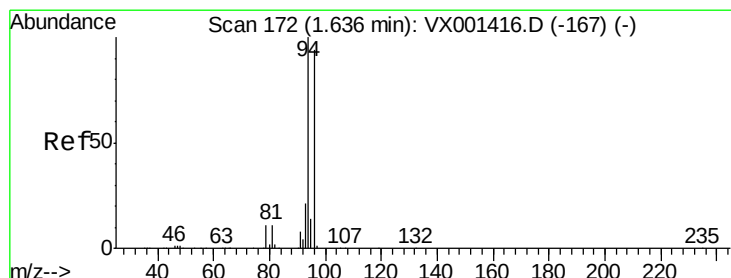
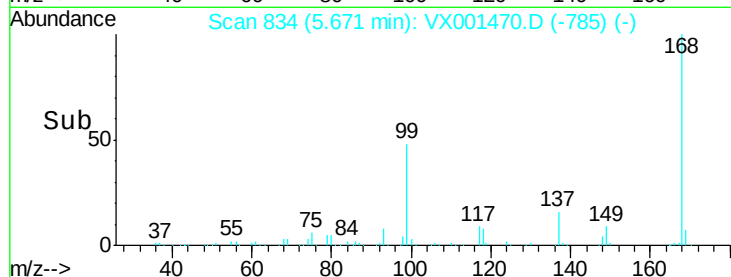
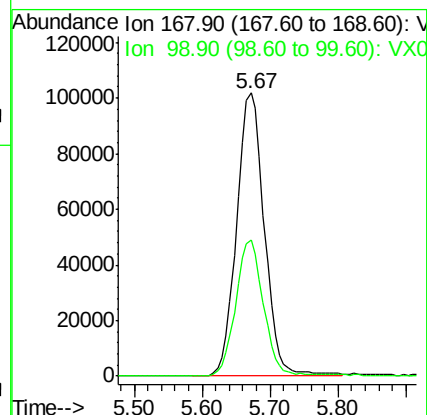
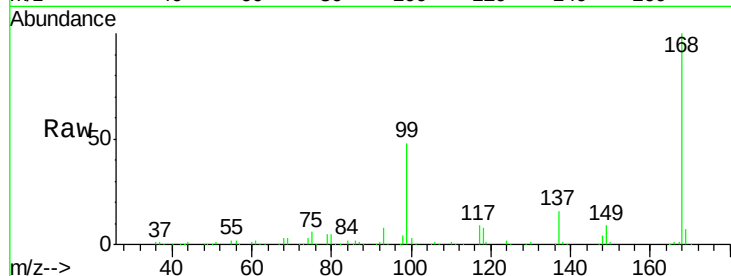




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

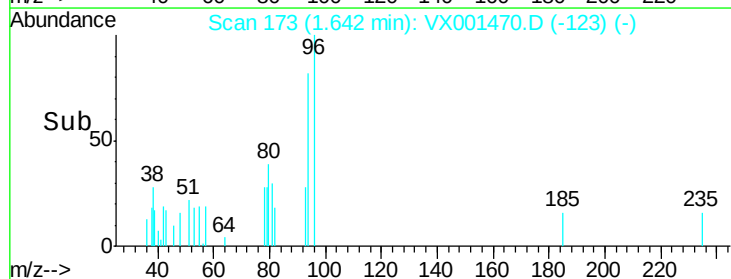
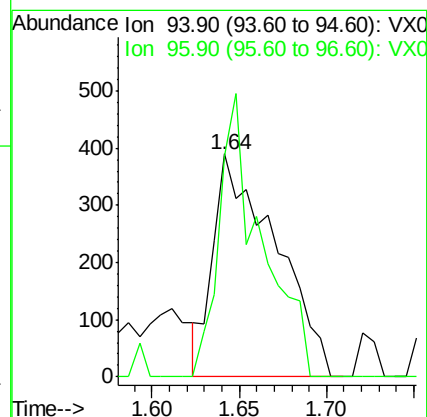
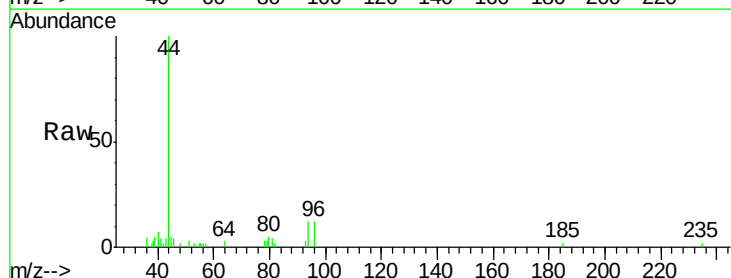
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

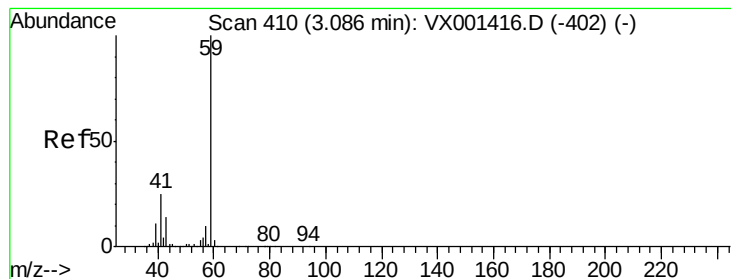
Tgt Ion: 168 Resp: 289264
Ion Ratio Lower Upper
168 100
99 48.0 36.6 54.8



#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

Tgt Ion: 94 Resp: 968
Ion Ratio Lower Upper
94 100
96 99.0 75.0 112.6



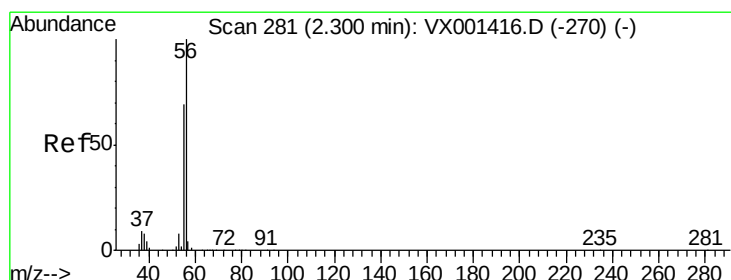
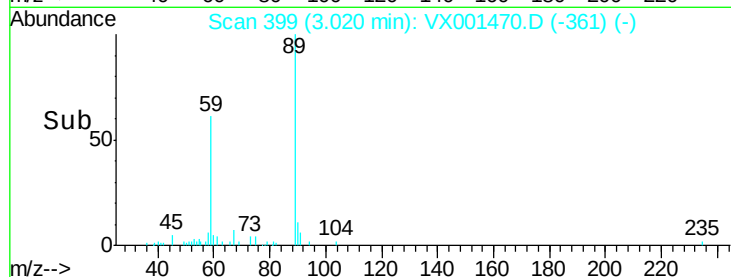
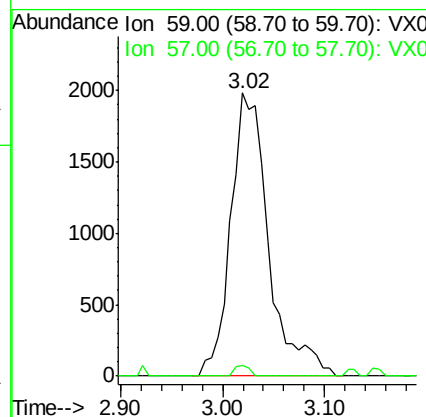
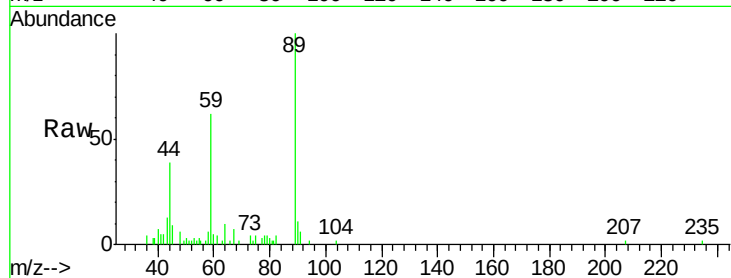


#11

Tert butyl alcohol
 Concen: 5.82 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

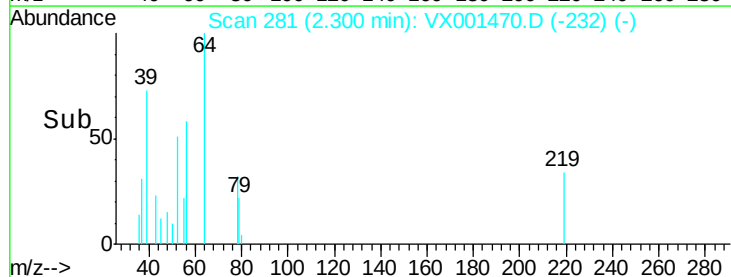
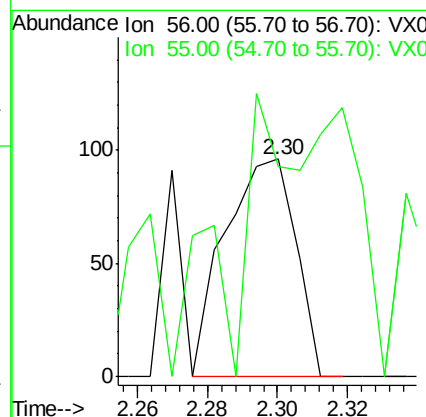
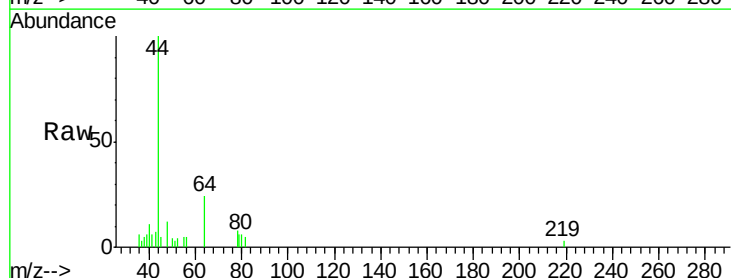
Tgt Ion: 59 Resp: 5103
 Ion Ratio Lower Upper
 59 100
 57 1.5 8.2 12.4#

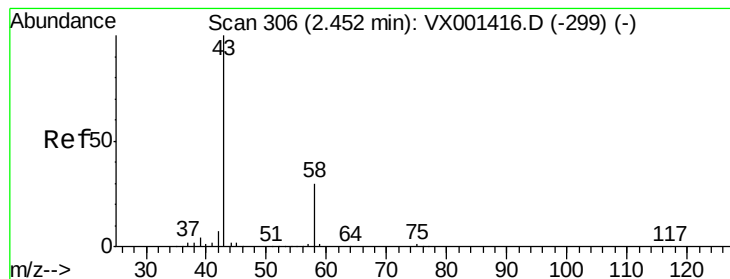


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Tgt Ion: 56 Resp: 135
 Ion Ratio Lower Upper
 56 100
 55 118.5 54.5 81.7#





#16

Acetone

Concen: 5.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001470.D

Acq: 07 May 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

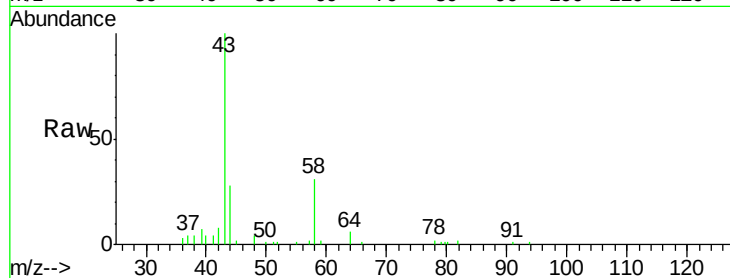
BPS1-TT-MW311S-20180429

Tgt Ion: 43 Resp: 10951

Ion Ratio Lower Upper

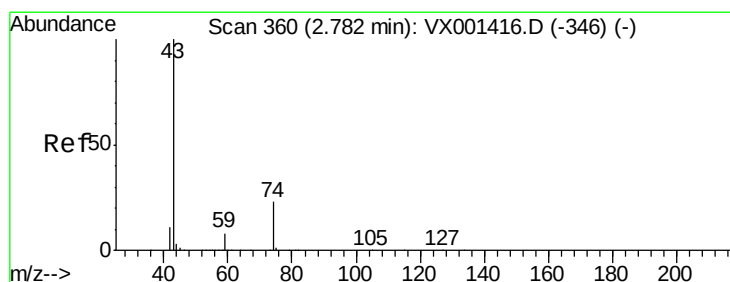
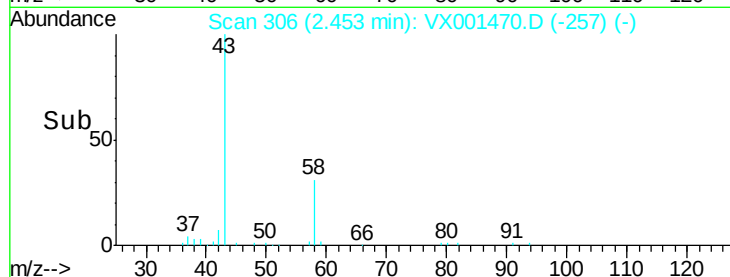
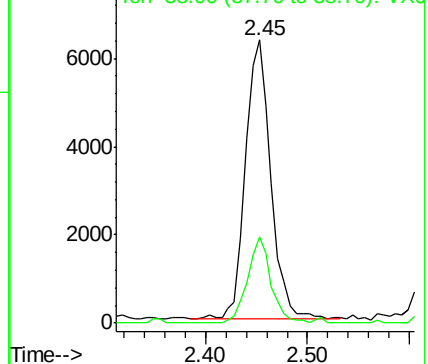
43 100

58 31.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.26 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001470.D

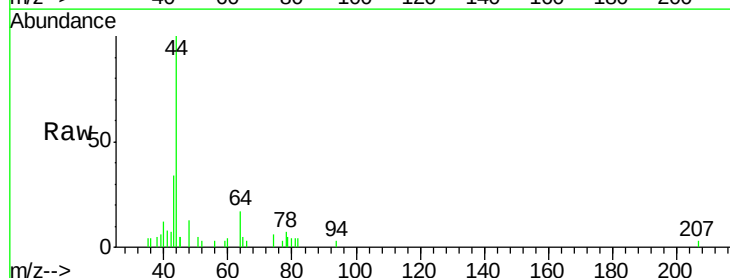
Acq: 07 May 2018 17:07

Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

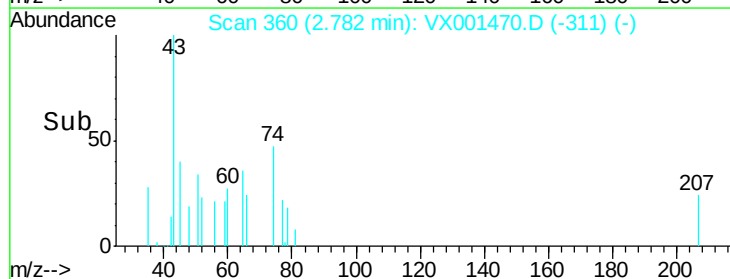
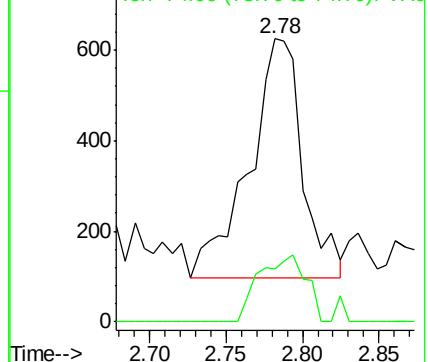
43 100

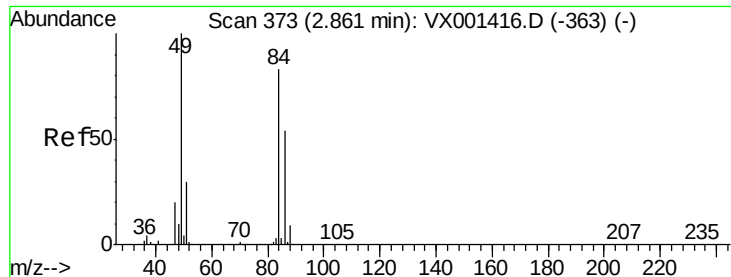
74 24.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

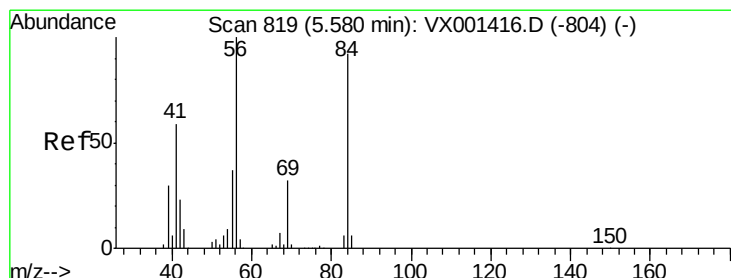
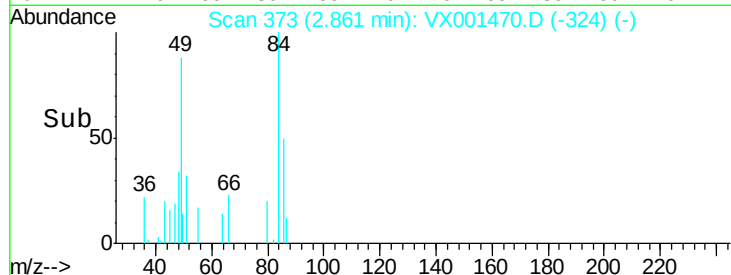
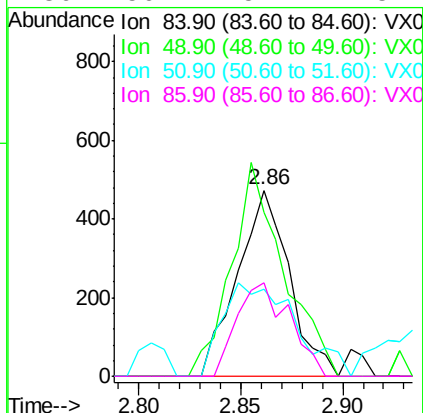
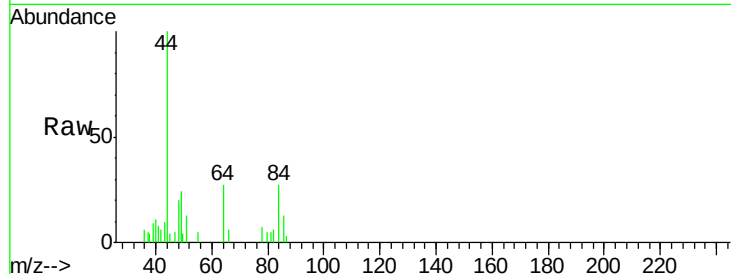




#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

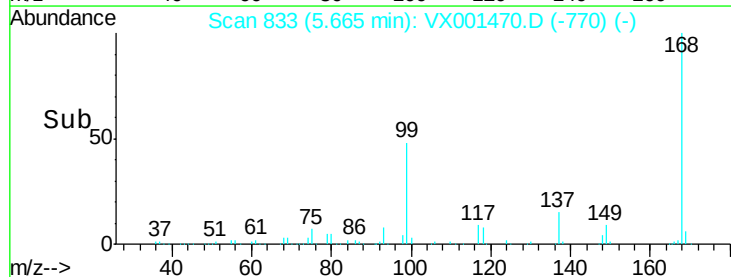
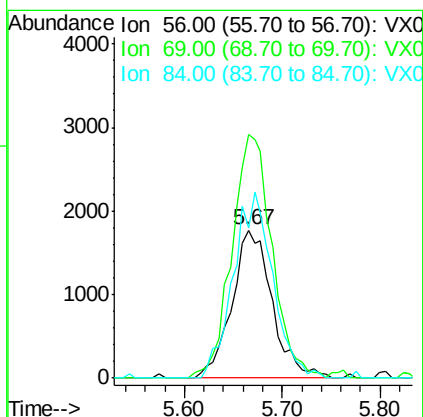
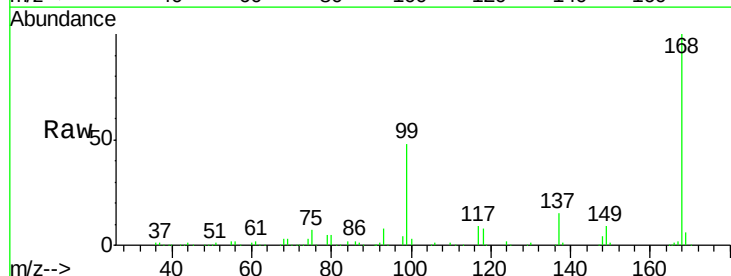
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

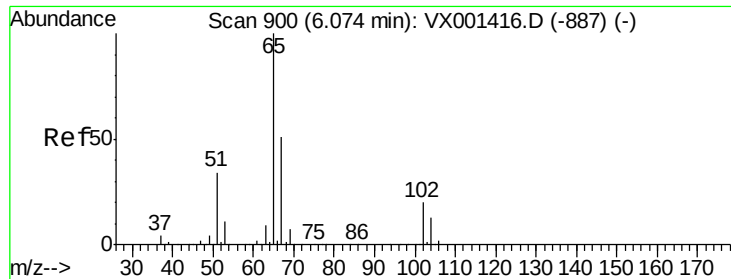
Tgt Ion:	84	Resp:	833
Ion	Ratio	Lower	Upper
84	100		
49	88.4	96.6	144.8#
51	46.9	29.0	43.4#
86	50.1	52.2	78.4#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

Tgt Ion:	56	Resp:	5059
Ion	Ratio	Lower	Upper
56	100		
69	164.8	25.4	38.0#
84	102.1	73.8	110.8

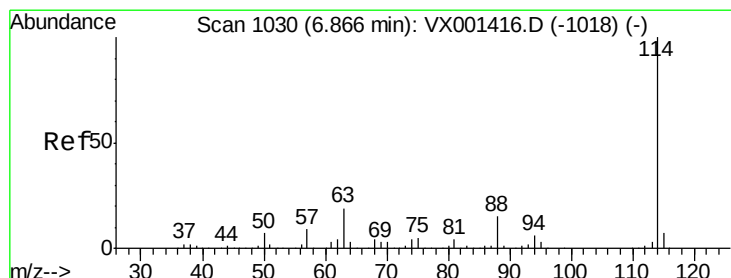
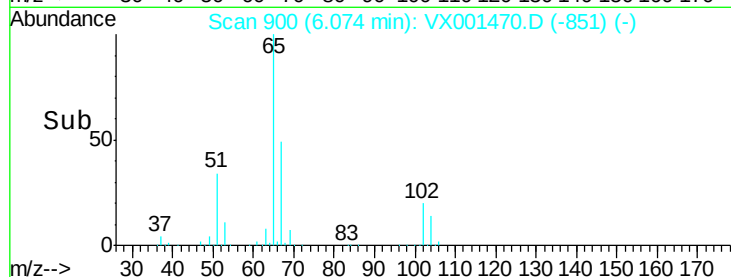
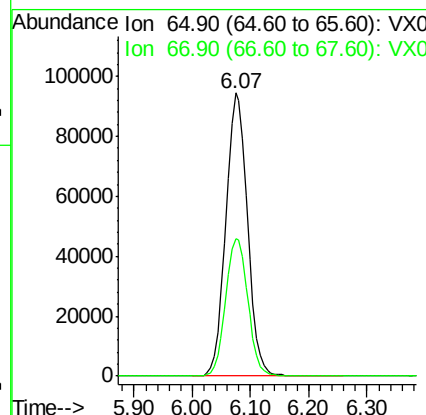
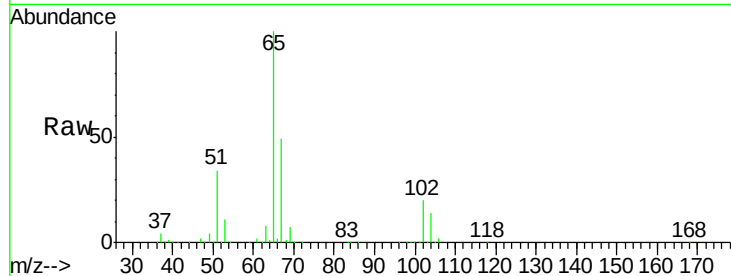




#33
 1,2-Dichloroethane-d4
 Concen: 58.64 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

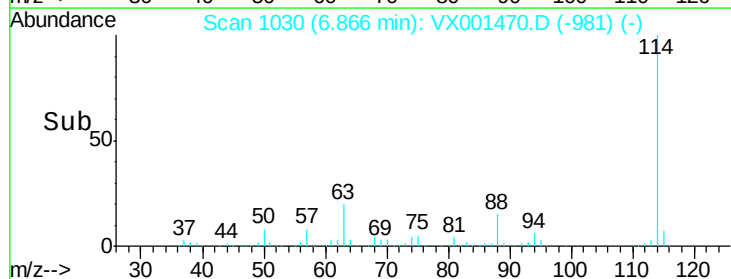
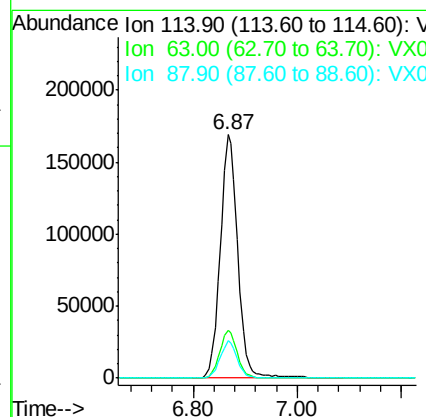
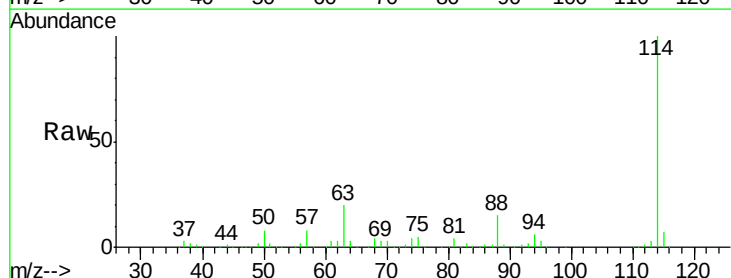
Instrument :
 MSVOA_X
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 BPS1-TT-MW311S-20180429

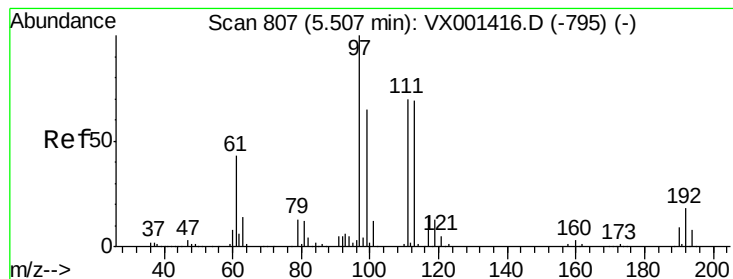
Tgt Ion: 65 Resp: 243807
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Tgt Ion: 114 Resp: 401813
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001470.D

Acq: 07 May 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW311S-20180429

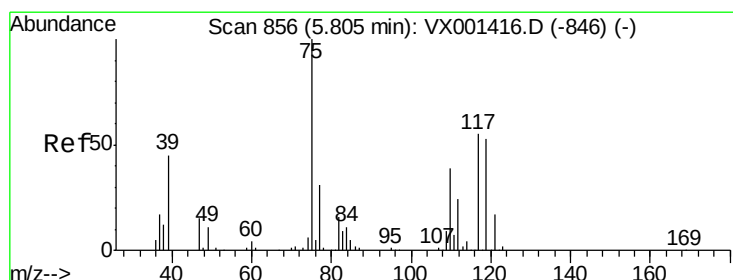
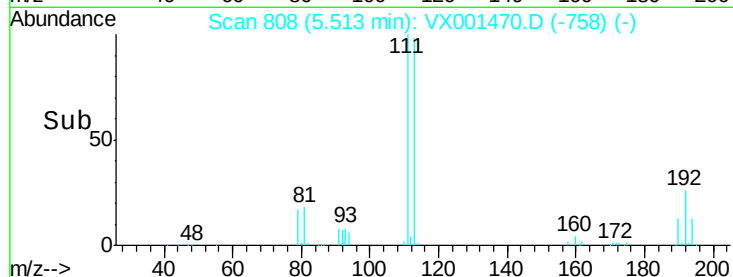
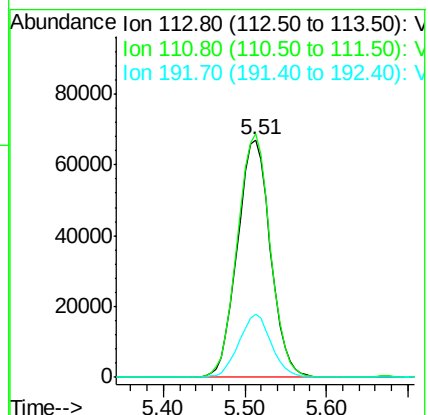
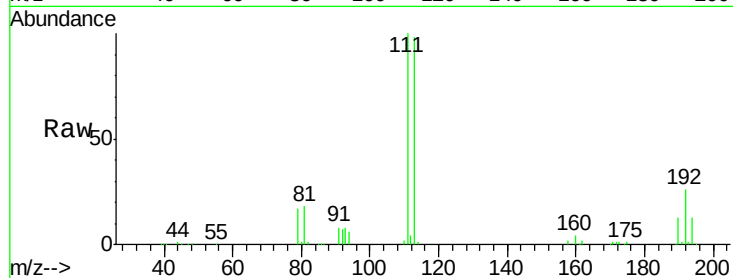
Tgt Ion:113 Resp: 188685

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 25.9 21.4 32.0



#36

1,1-Dichloropropene

Concen: 3.61 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001470.D

Acq: 07 May 2018 17:07

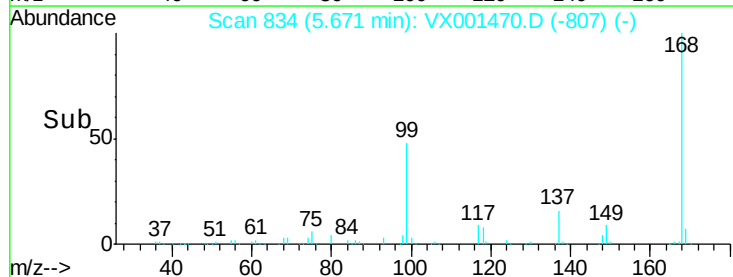
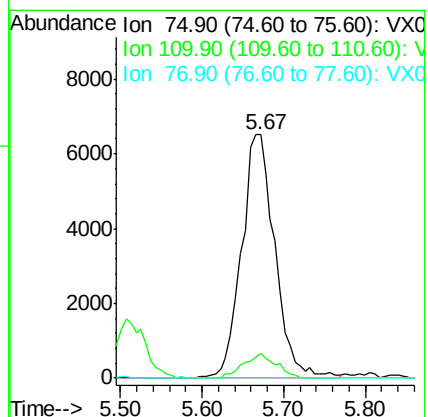
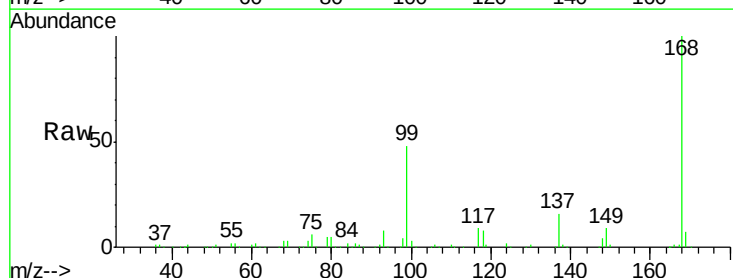
Tgt Ion: 75 Resp: 18462

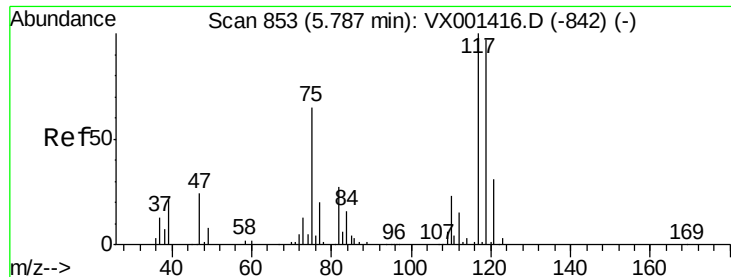
Ion Ratio Lower Upper

75 100

110 9.9 18.9 56.7#

77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.58 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001470.D

Acq: 07 May 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW311S-20180429

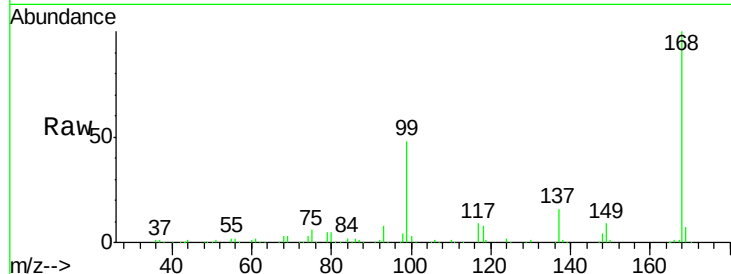
Tgt Ion: 117 Resp: 24954

Ion Ratio Lower Upper

117 100

119 5.9 77.0 115.6#

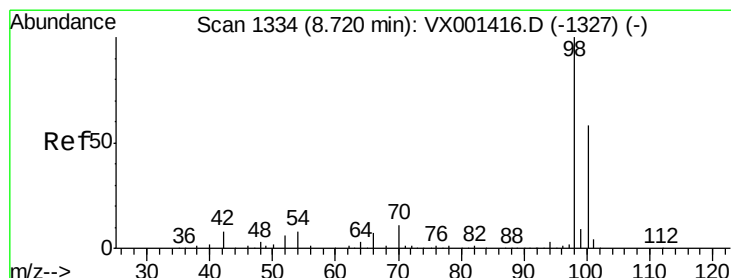
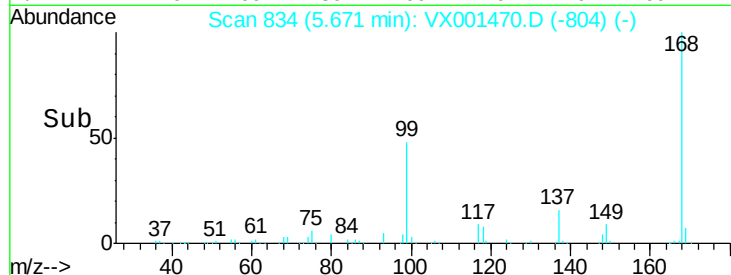
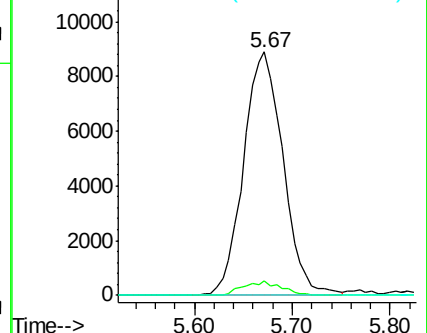
121 0.0 25.1 37.7#



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: 48.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001470.D

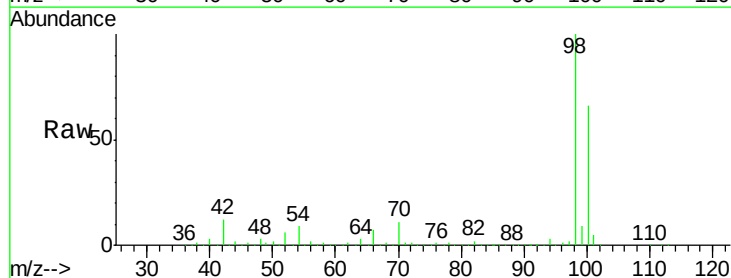
Acq: 07 May 2018 17:07

Tgt Ion: 98 Resp: 627726

Ion Ratio Lower Upper

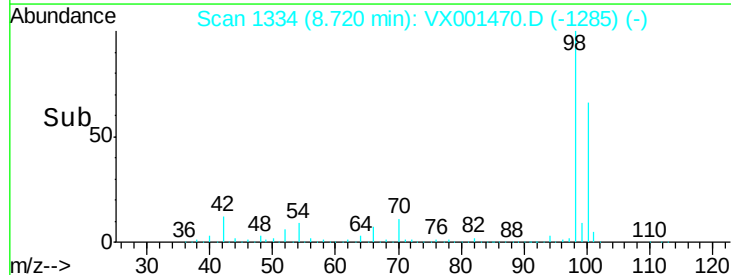
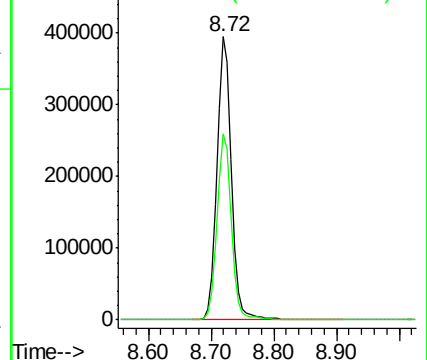
98 100

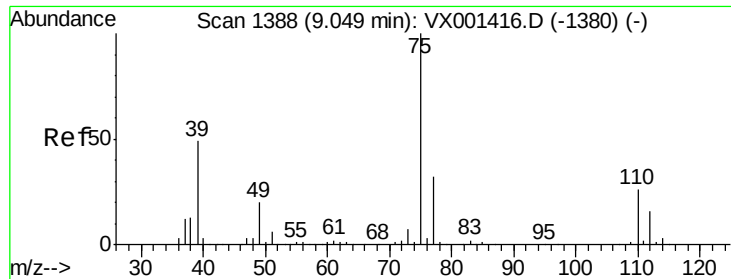
100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

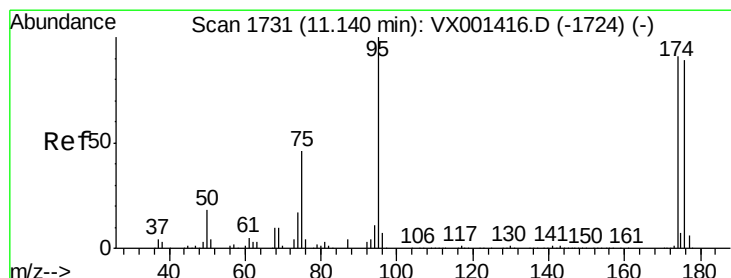
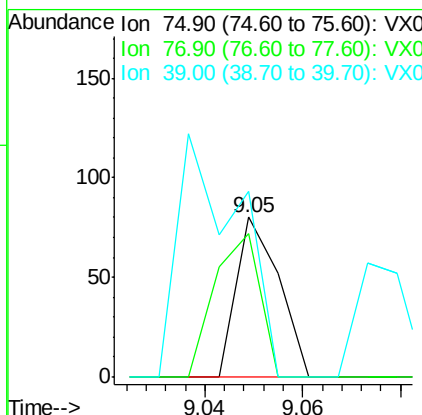
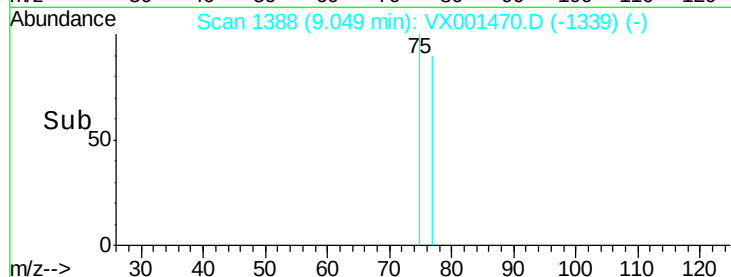
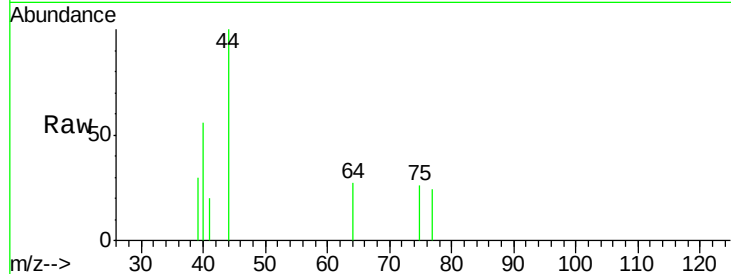




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

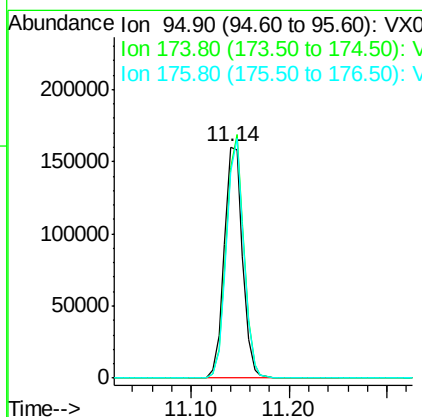
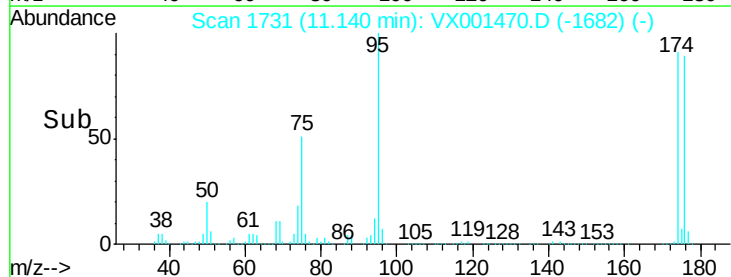
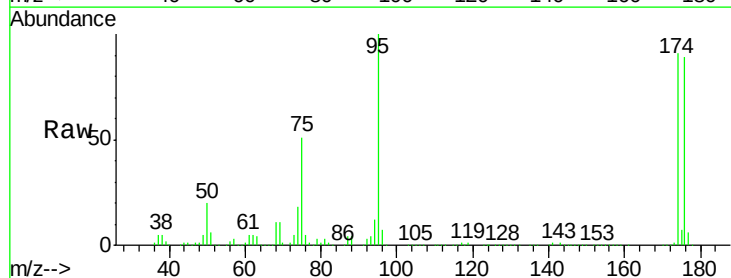
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

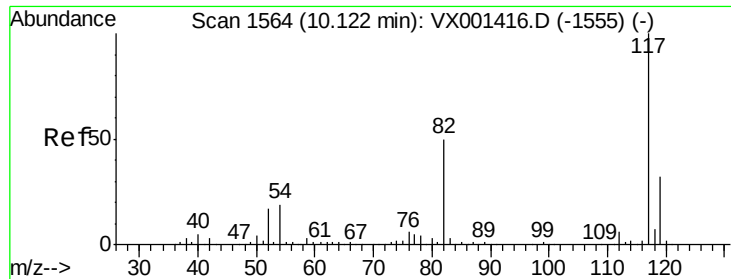
Tgt Ion: 75 Resp: 48
 Ion Ratio Lower Upper
 75 100
 77 90.0 25.5 38.3#
 39 116.2 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 41.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Tgt Ion: 95 Resp: 208273
 Ion Ratio Lower Upper
 95 100
 174 101.1 0.0 202.0
 176 98.5 0.0 197.4

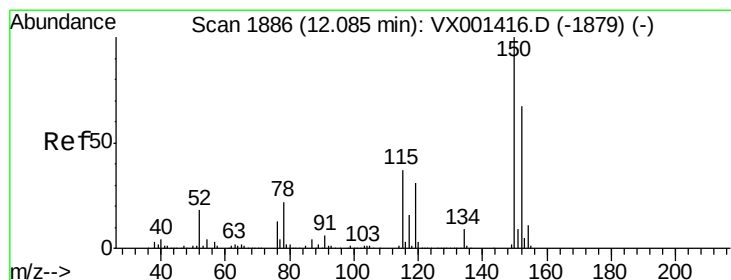
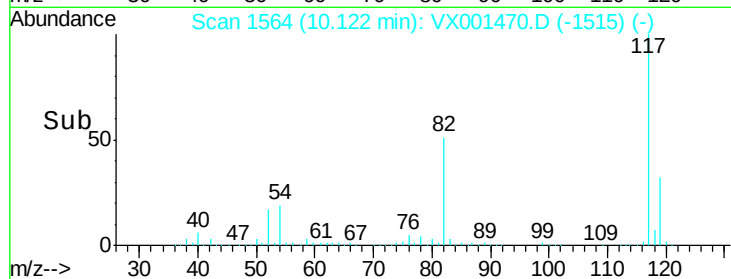
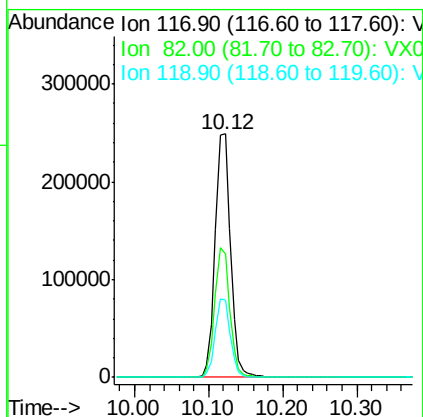
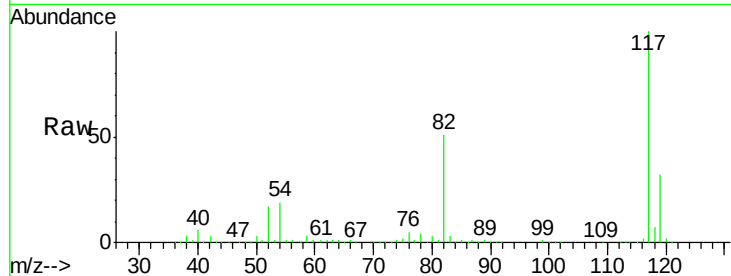




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

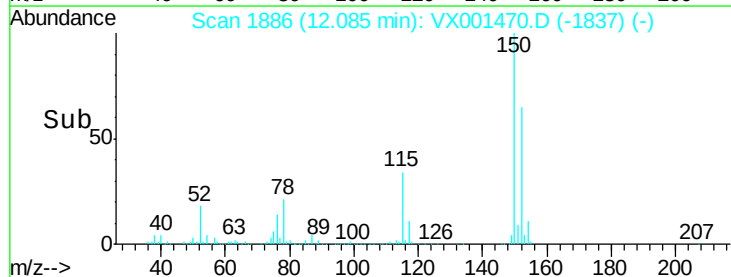
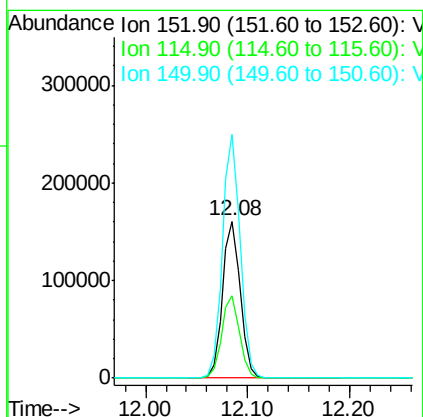
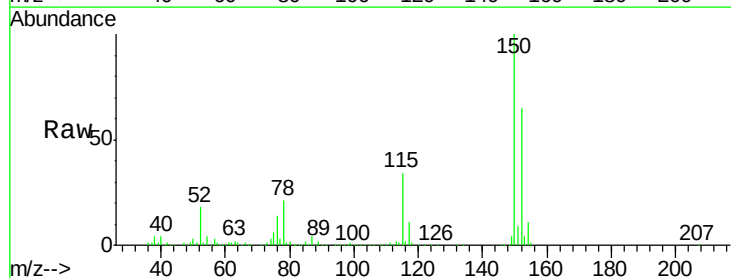
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

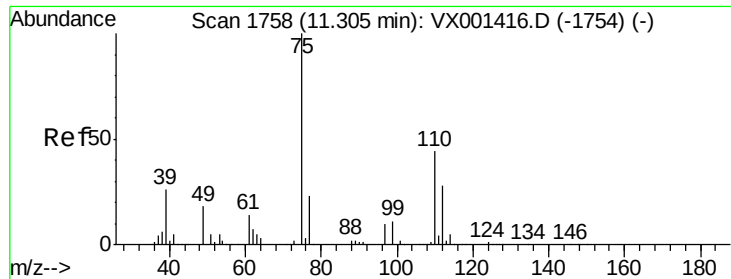
Tgt Ion:117 Resp: 353466
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001470.D
Acq: 07 May 2018 17:07

Tgt Ion:152 Resp: 194584
Ion Ratio Lower Upper
152 100
115 52.7 37.7 113.1
150 155.5 0.0 349.4

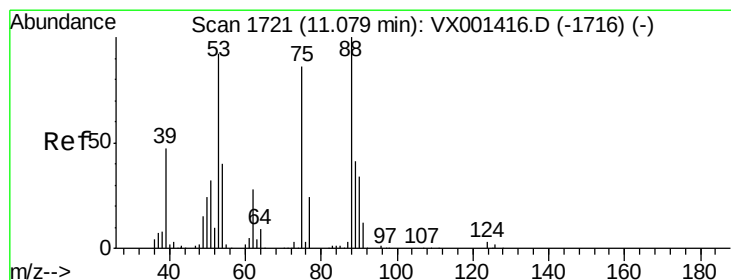
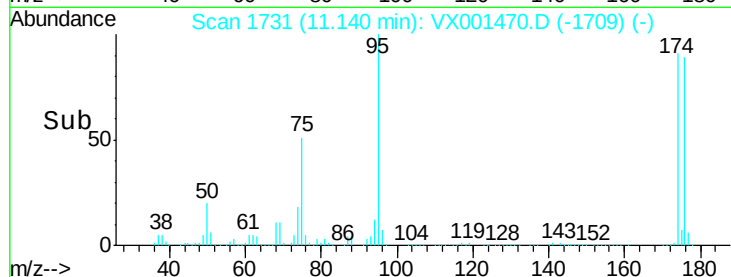
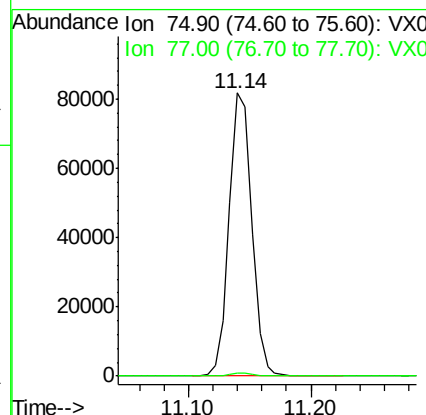
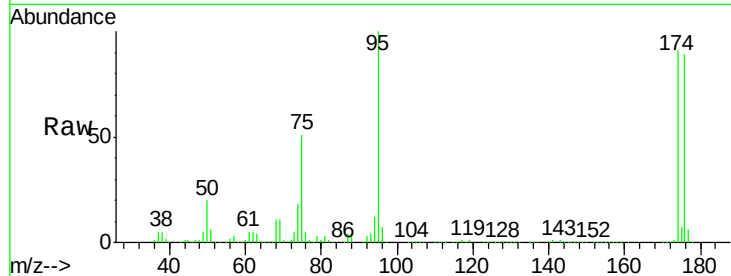




#76
 1,2,3-Trichloropropane
 Concen: 26.64 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

Tgt Ion: 75 Resp: 105135
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.94 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001470.D
 Acq: 07 May 2018 17:07

Tgt Ion: 75 Resp: 105135
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

