

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010156.D
 Acq On : 08 Jun 2019 22:10
 Operator : JC/SP
 Sample : K3249-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20190606

Quant Time: Jun 10 08:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	407917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123999	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	124829	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	484491	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	174242	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	

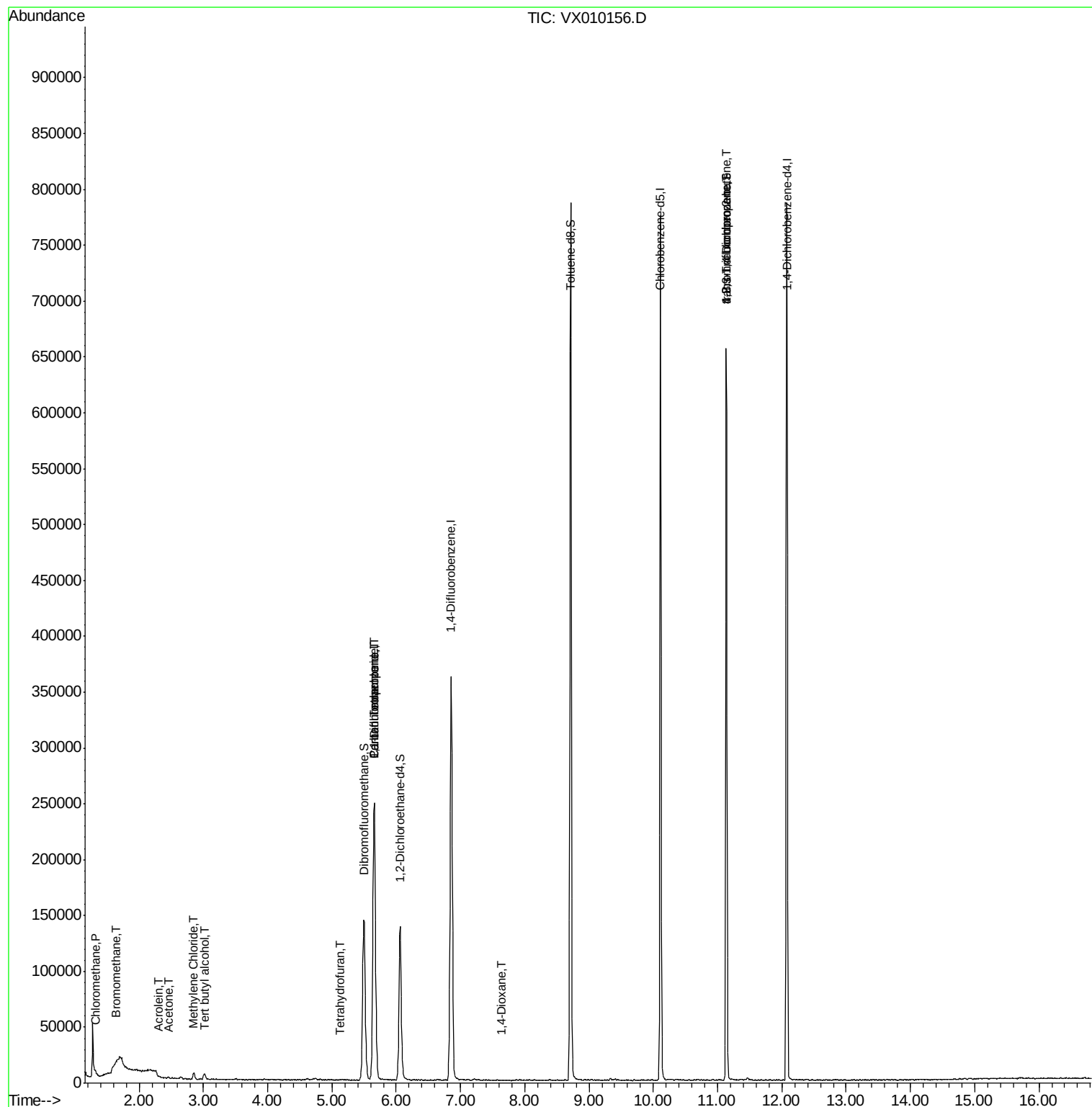
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	630	0.256	ug/l	92
5) Bromomethane	1.63	94	459	0.525	ug/l	84
11) Tert butyl alcohol	3.01	59	2996	4.644	ug/l #	73
13) Acrolein	2.30	56	92	0.782	ug/l #	14
16) Acetone	2.45	43	1110	0.896	ug/l #	74
20) Methylene Chloride	2.85	84	3051	1.121	ug/l #	81
29) Tetrahydrofuran	5.12	42	342	0.295	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	16305	4.899	ug/l #	53
38) Carbon Tetrachloride	5.66	117	22903	6.080	ug/l #	15
49) 1,4-Dioxane	7.63	88	23	0.298	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	77680	21.404	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	77680	47.291	ug/l #	10

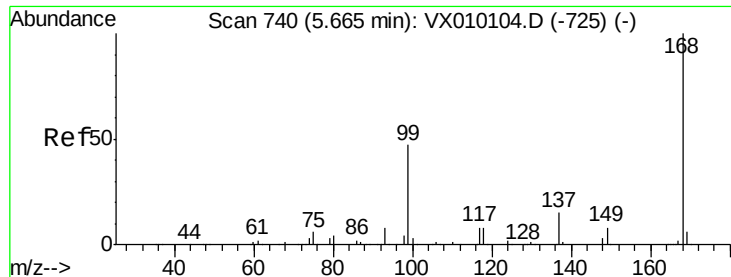
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

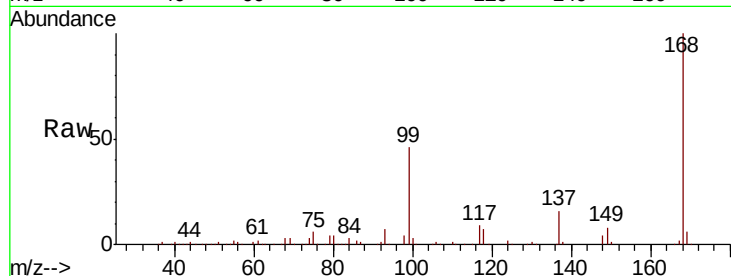
BPS1-TT-MW302S-20190606

Tgt Ion:168 Resp: 269818

Ion Ratio Lower Upper

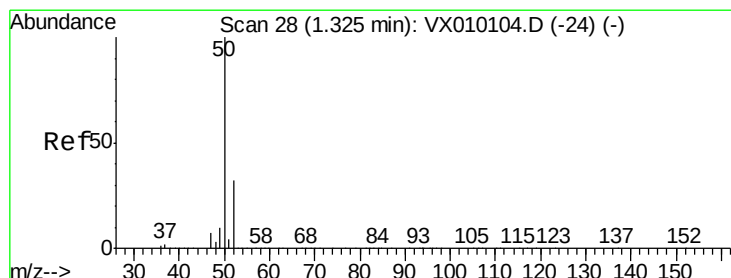
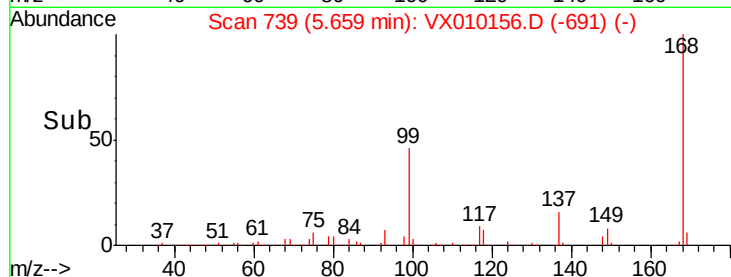
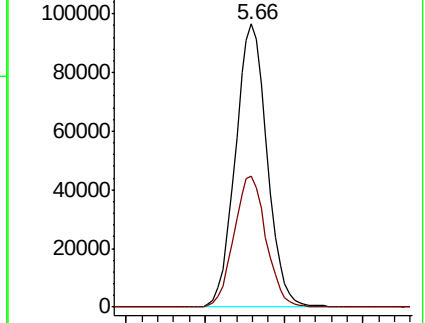
168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.256 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010156.D

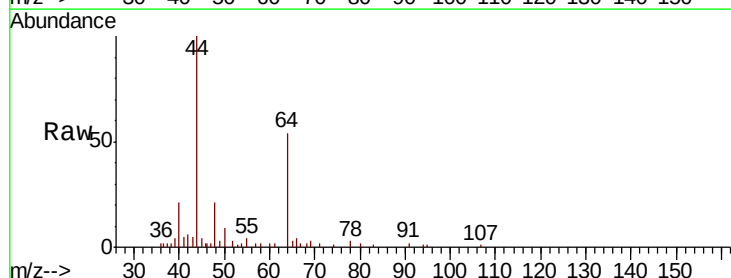
Acq: 08 Jun 2019 22:10

Tgt Ion: 50 Resp: 630

Ion Ratio Lower Upper

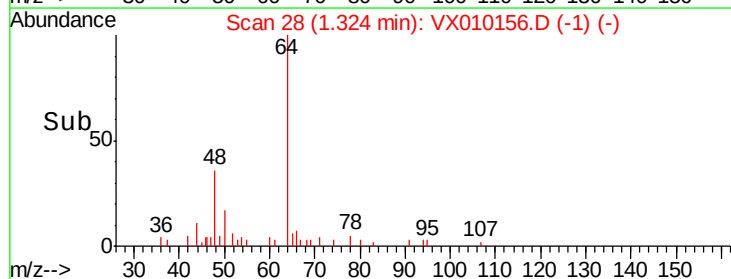
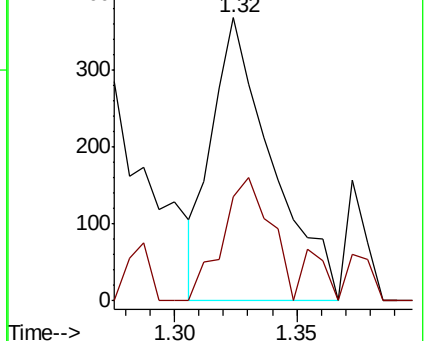
50 100

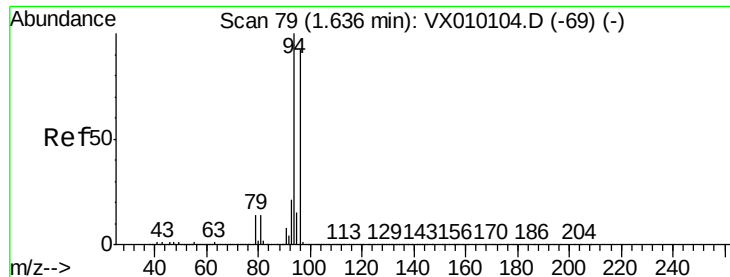
52 37.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.525 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

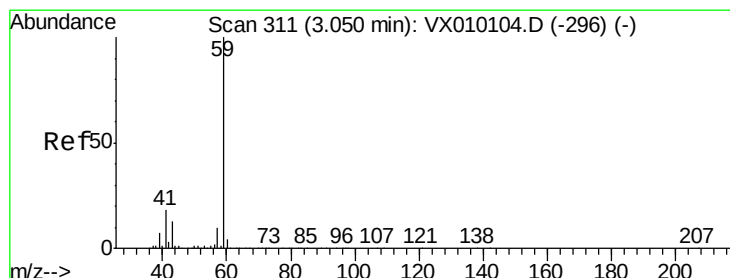
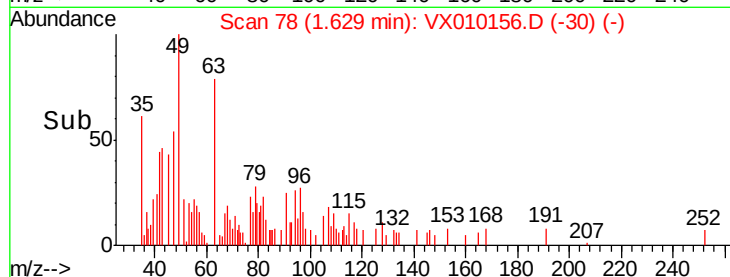
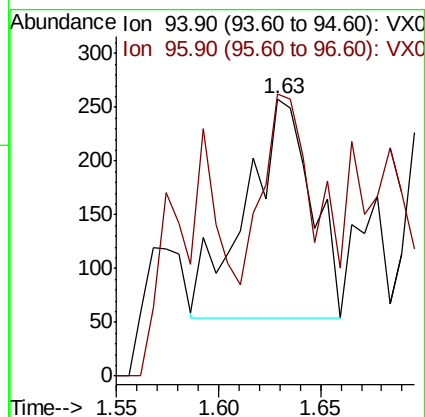
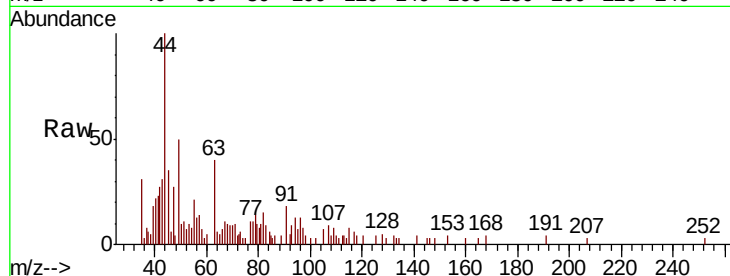
BPS1-TT-MW302S-20190606

Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

96 79.9 76.2 114.4



#11

Tert butyl alcohol

Concen: 4.644 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.04 min

Lab File: VX010156.D

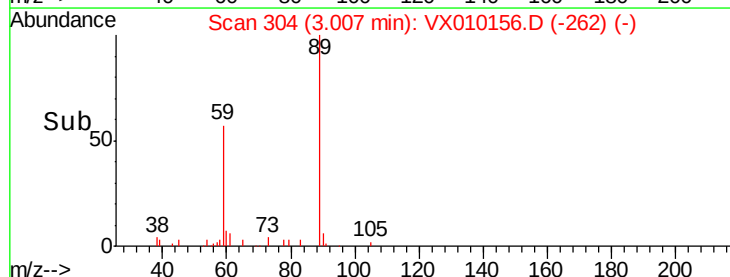
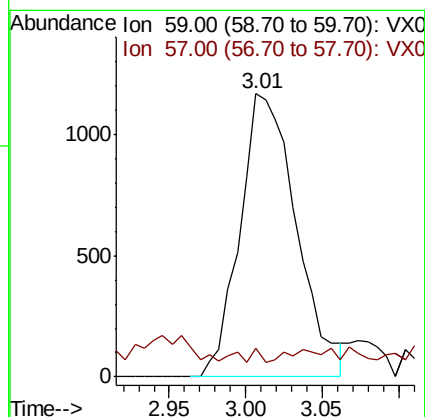
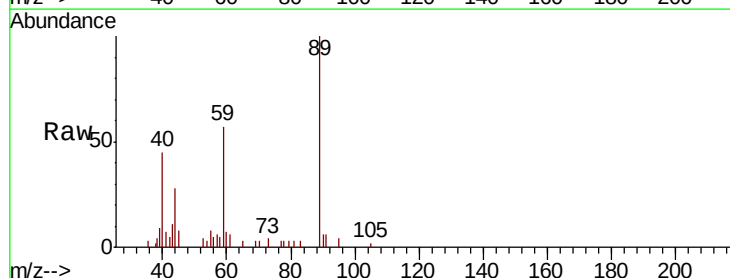
Acq: 08 Jun 2019 22:10

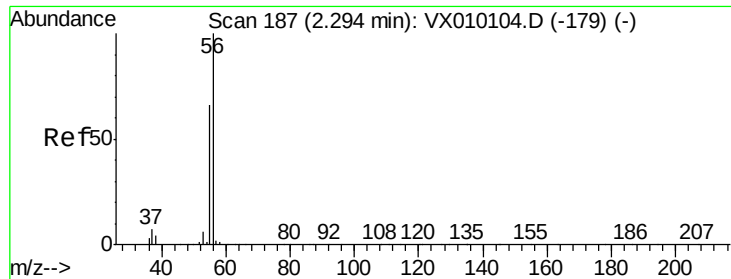
Tgt Ion: 59 Resp: 2996

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.782 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

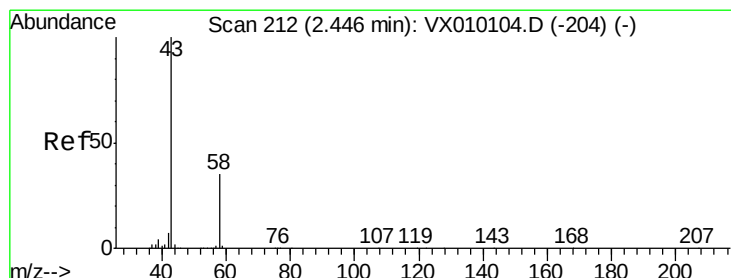
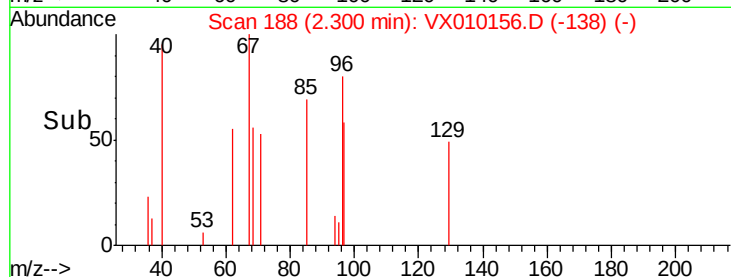
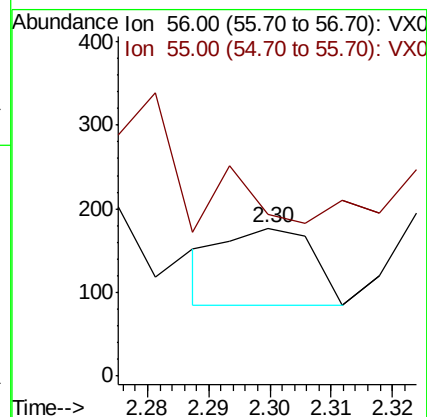
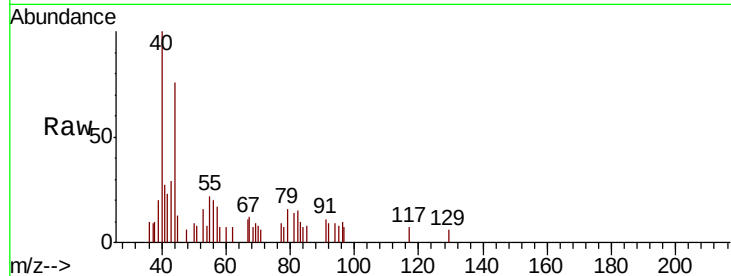
BPS1-TT-MW302S-20190606

Tgt Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 0.896 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010156.D

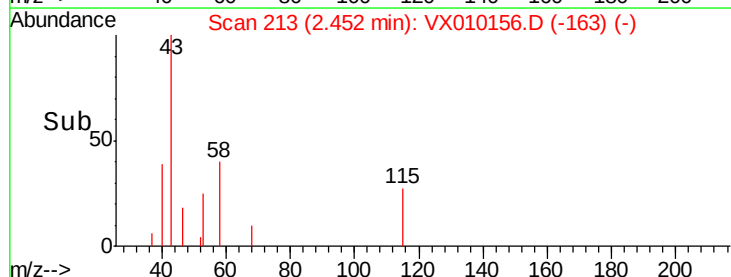
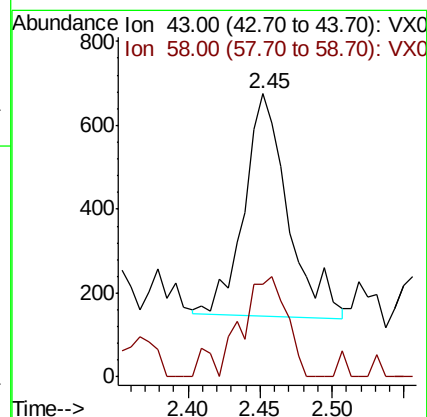
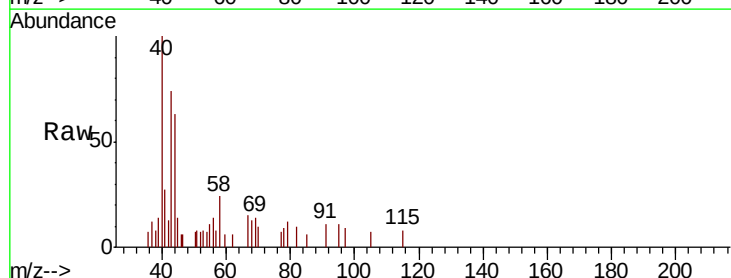
Acq: 08 Jun 2019 22:10

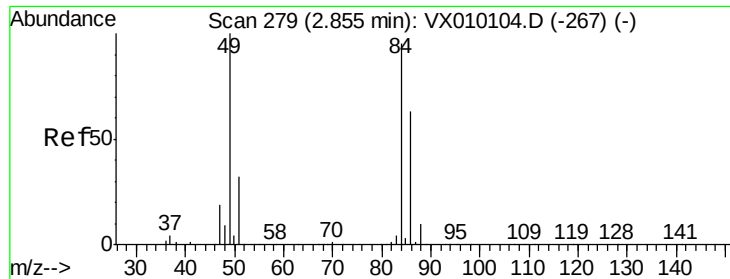
Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

58 43.0 23.2 34.8#

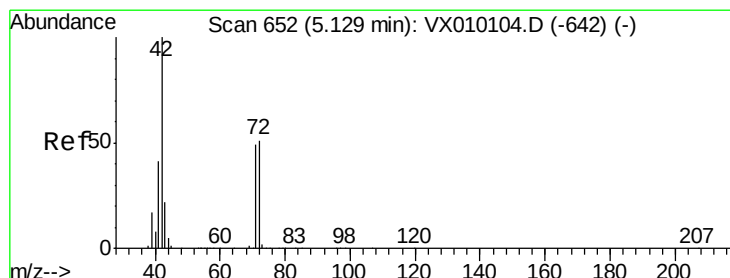
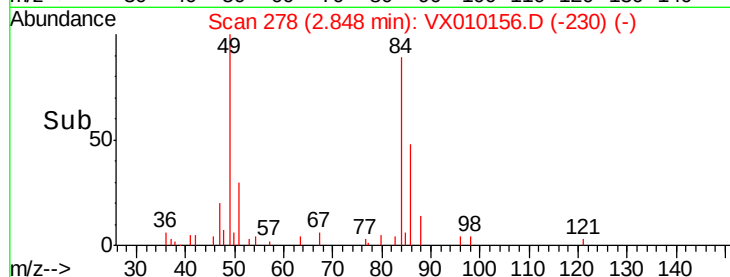
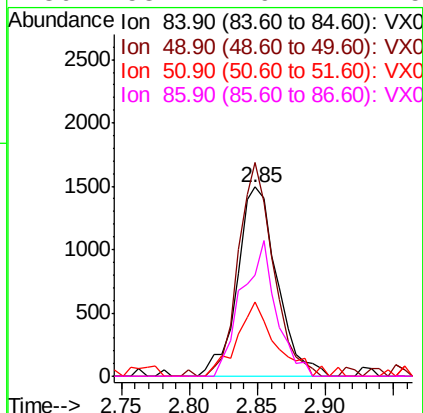
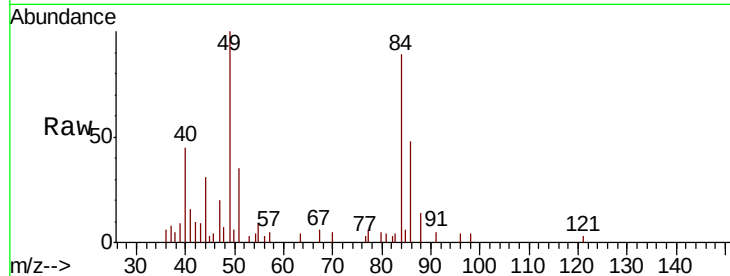




#20
Methylene Chloride
Concen: 1.121 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010156.D
Acq: 08 Jun 2019 22:10

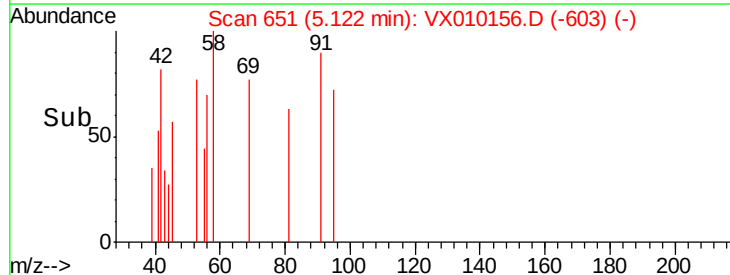
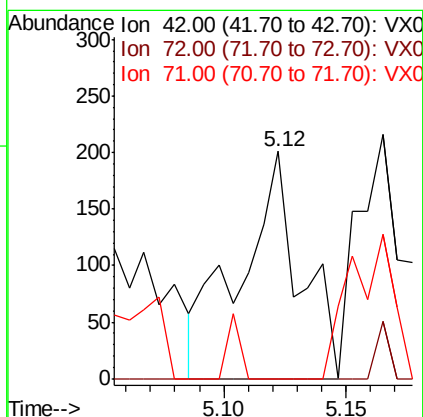
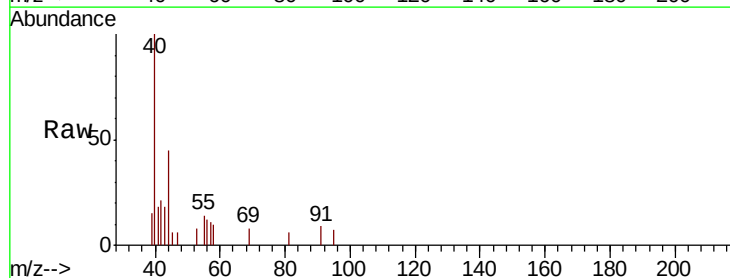
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302S-20190606

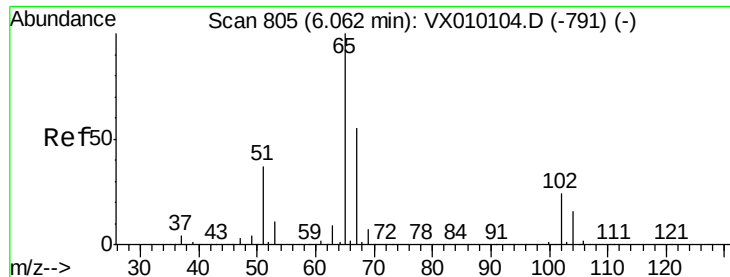
Tgt Ion:	84	Resp:	3051
Ion	Ratio	Lower	Upper
84	100		
49	112.9	115.8	173.6#
51	39.0	34.4	51.6
86	53.7	49.7	74.5



#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010156.D
Acq: 08 Jun 2019 22:10

Tgt Ion:	42	Resp:	342
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.2	43.8#
71	6.1	27.6	41.4#

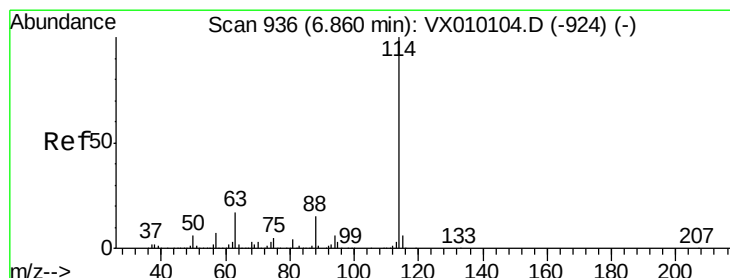
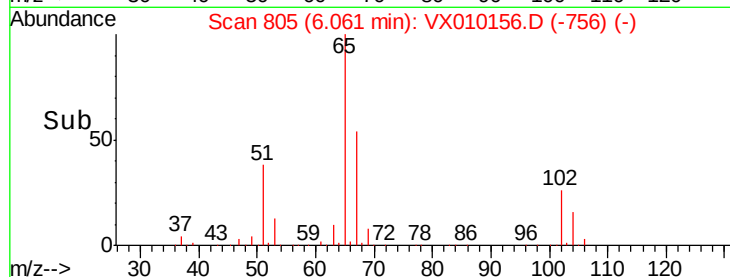
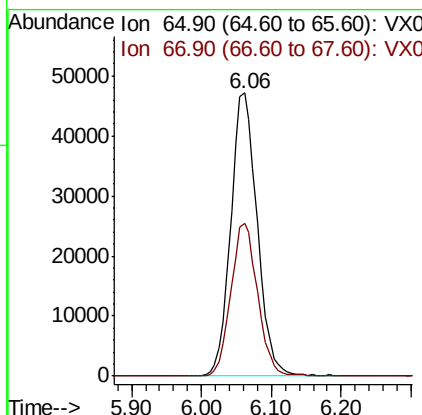
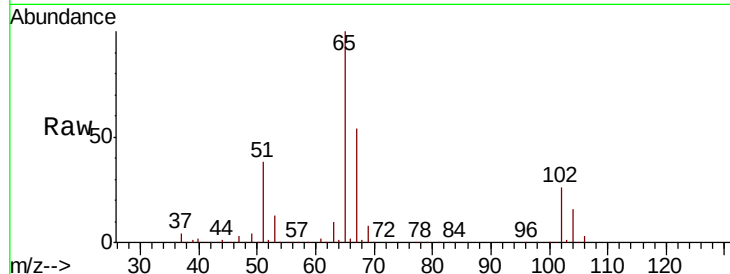




#33
 1,2-Dichloroethane-d4
 Concen: 47.081 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

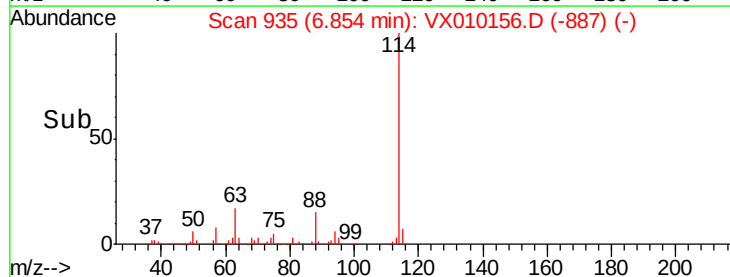
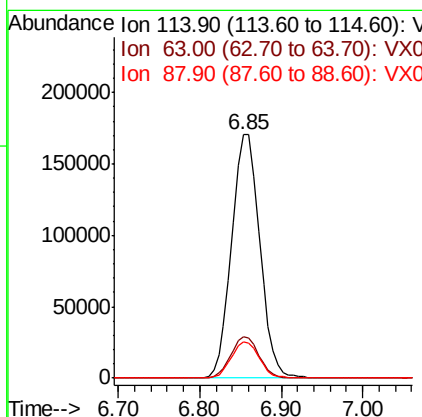
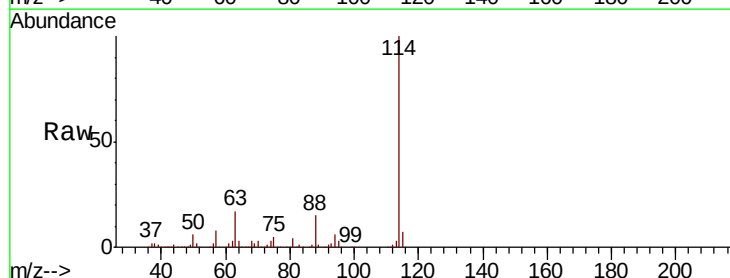
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 MSVOA_X
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 BPS1-TT-MW302S-20190606

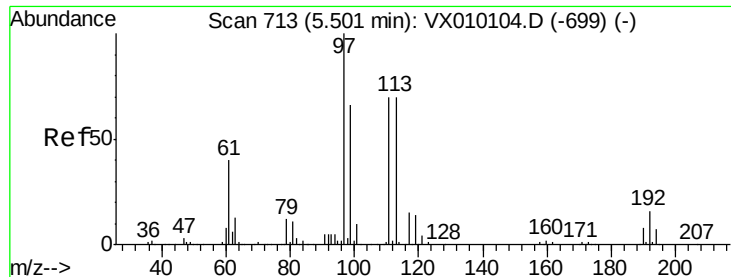
Tgt Ion: 65 Resp: 123999
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

Tgt Ion: 114 Resp: 407917
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 47.4
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.612 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20190606

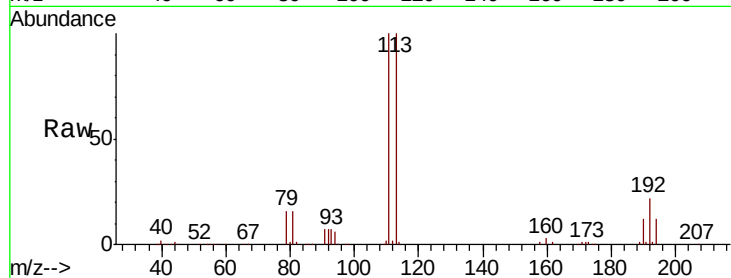
Tgt Ion:113 Resp: 124829

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

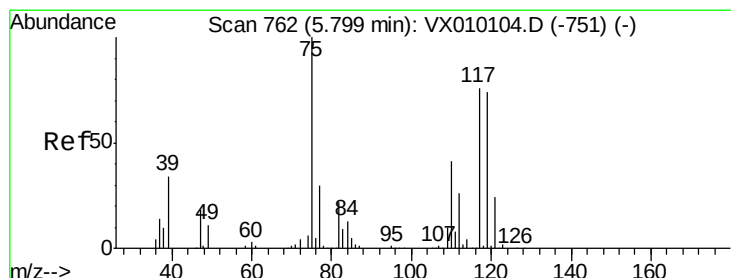
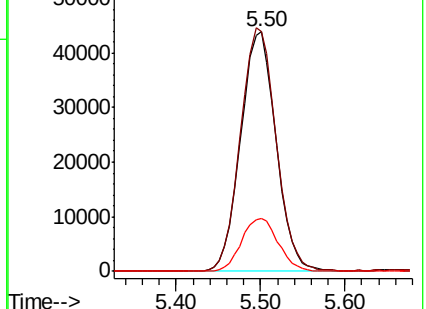
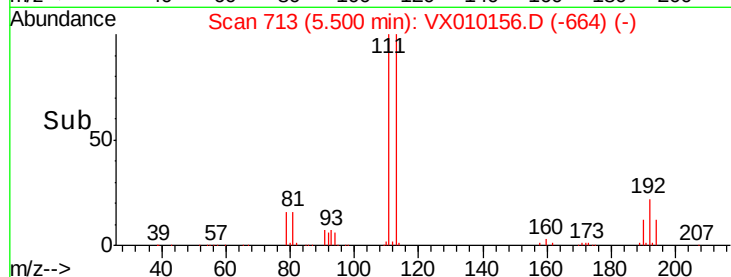
192 23.0 17.1 25.7



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: 4.899 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

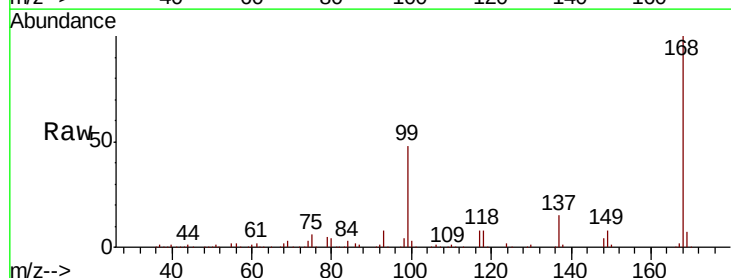
Tgt Ion: 75 Resp: 16305

Ion Ratio Lower Upper

75 100

110 11.1 16.7 50.1#

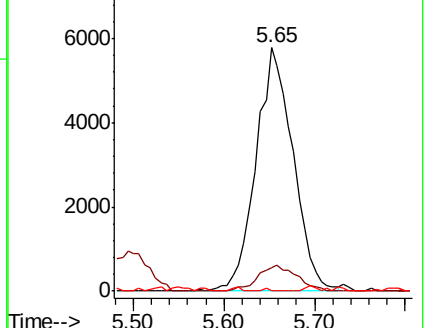
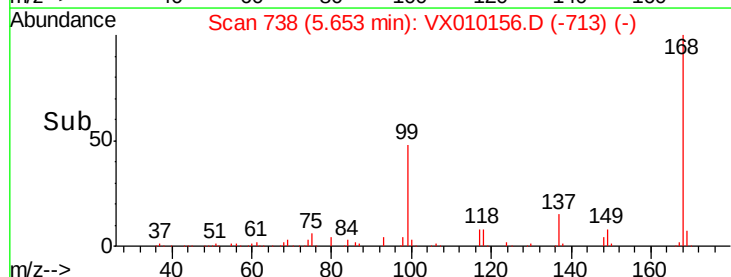
77 0.2 25.0 37.4#

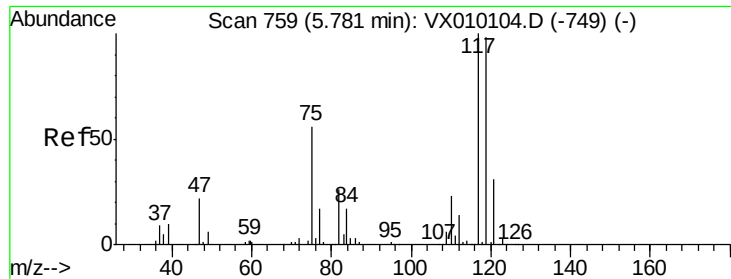


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

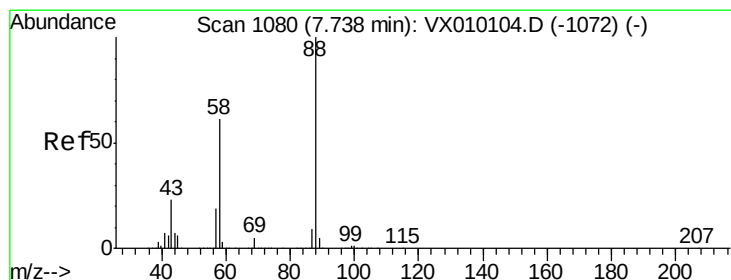
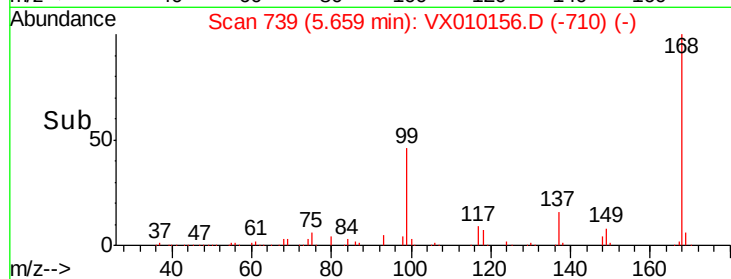
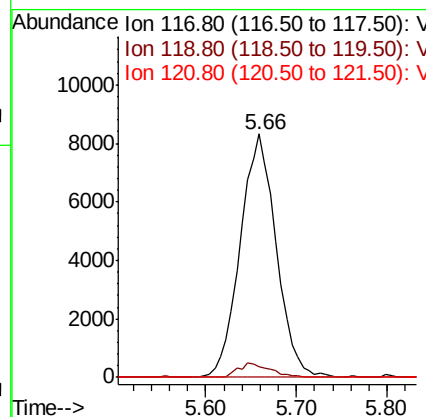
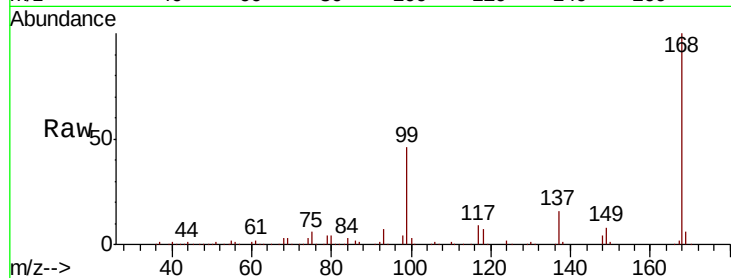




#38
 Carbon Tetrachloride
 Concen: 6.080 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

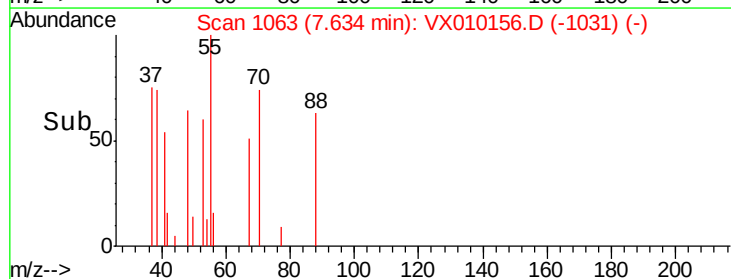
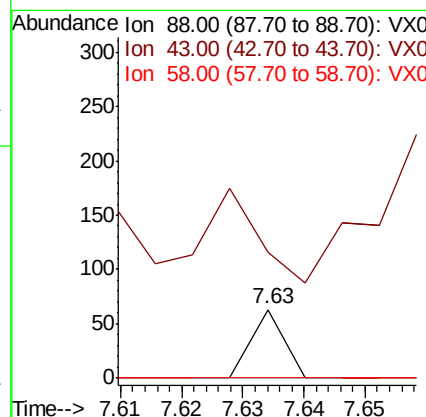
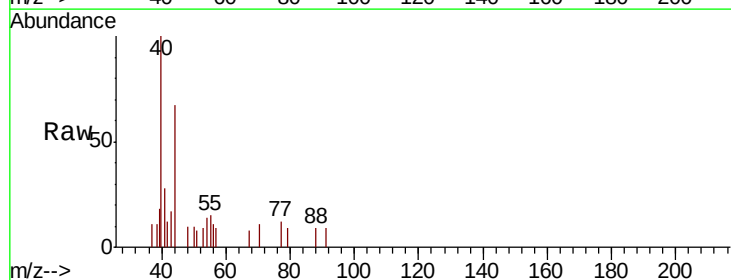
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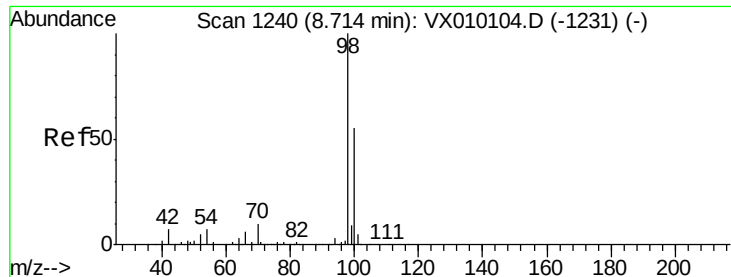
Tgt Ion: 117 Resp: 22903
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.3 115.9#
 121 0.0 25.4 38.0#



#49
 1,4-Dioxane
 Concen: 0.298 ug/l
 RT: 7.63 min Scan# 1063
 Delta R.T. -0.10 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 226.1 30.2 45.4#
 58 0.0 64.0 96.0#





#50

Toluene-d8

Concen: 51.377 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

Instrument :

MSVOA_X

ClientSampleId :

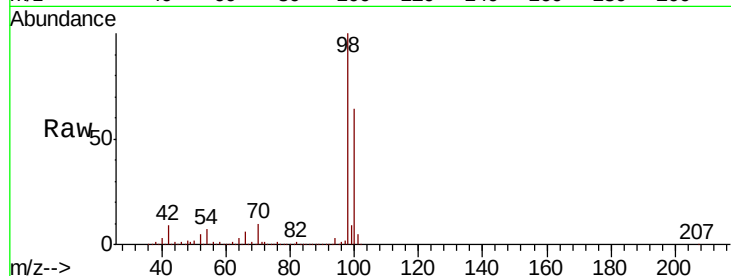
BPS1-TT-MW302S-20190606

Tgt Ion: 98 Resp: 484491

Ion Ratio Lower Upper

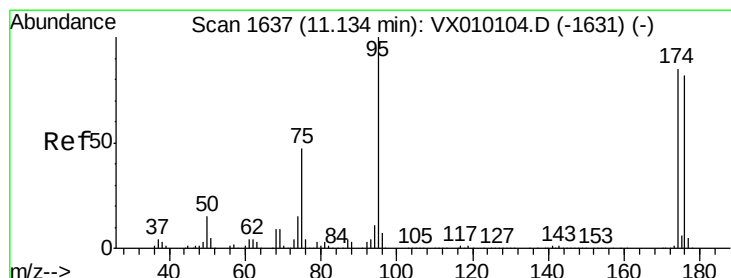
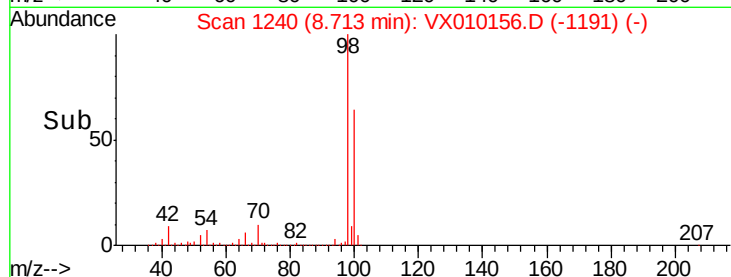
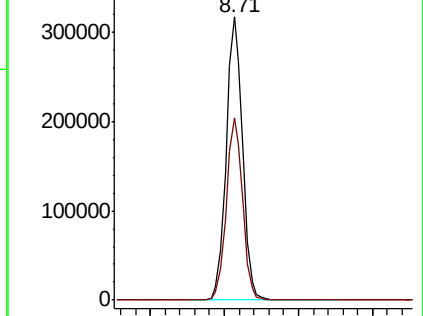
98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.476 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010156.D

Acq: 08 Jun 2019 22:10

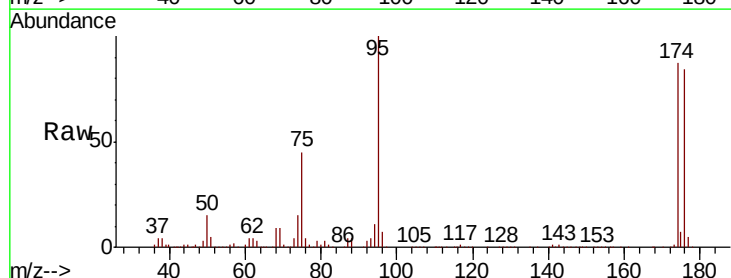
Tgt Ion: 95 Resp: 174242

Ion Ratio Lower Upper

95 100

174 92.6 0.0 160.4

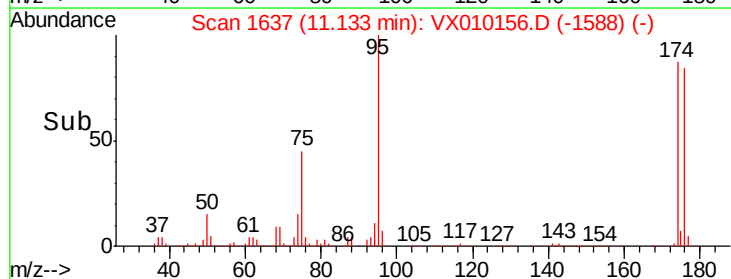
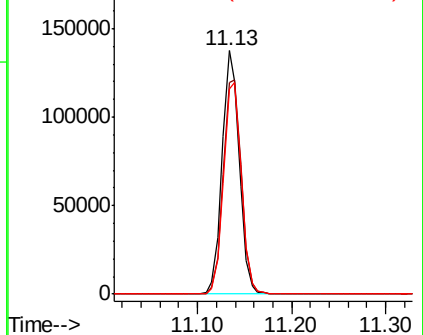
176 89.9 0.0 154.6

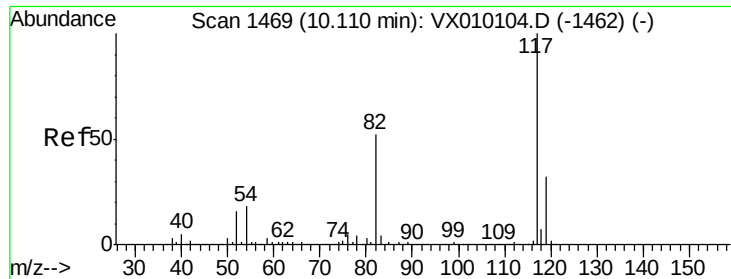


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

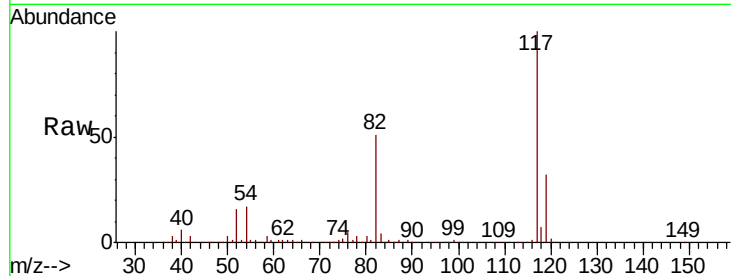




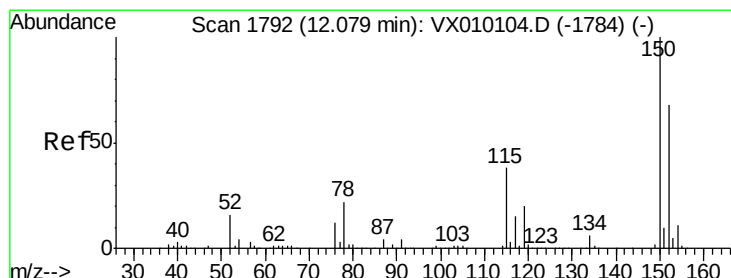
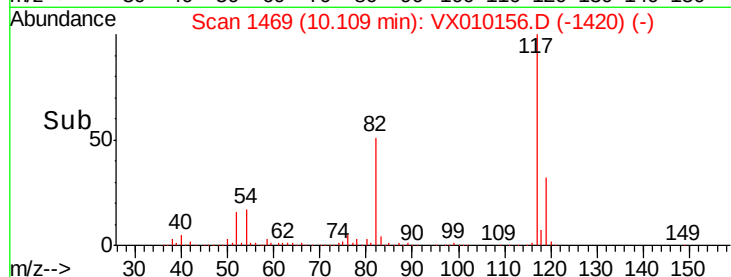
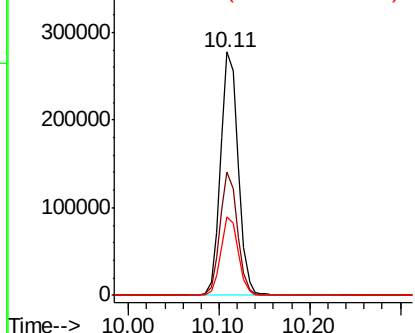
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010156.D
Acq: 08 Jun 2019 22:10

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302S-20190606

Tgt Ion:117 Resp: 377592
Ion Ratio Lower Upper
117 100
82 50.6 49.2 73.8
119 32.5 25.2 37.8

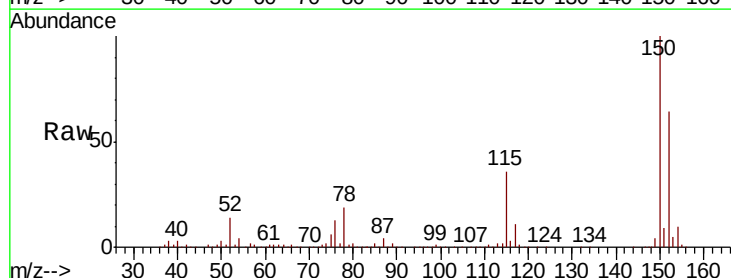


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

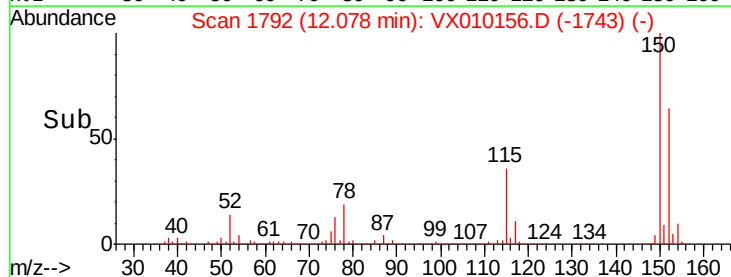
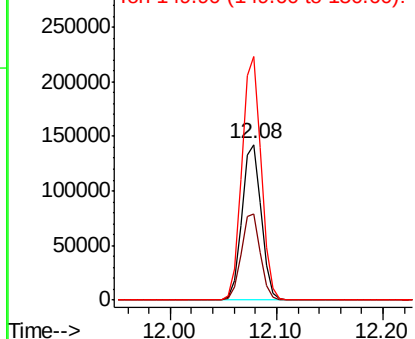


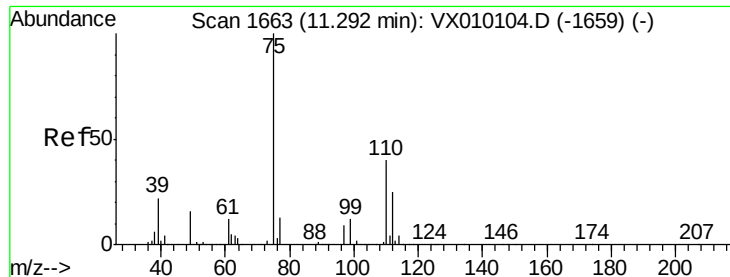
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010156.D
Acq: 08 Jun 2019 22:10

Tgt Ion:152 Resp: 181442
Ion Ratio Lower Upper
152 100
115 55.3 41.4 124.2
150 156.8 0.0 345.2



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

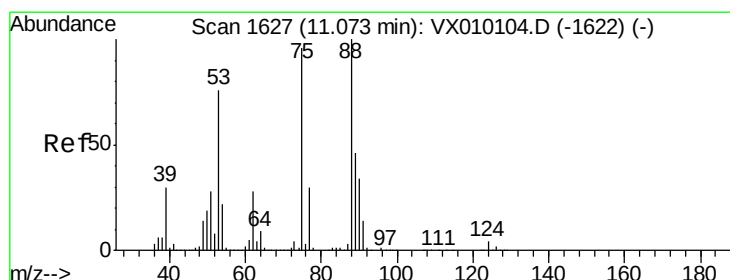
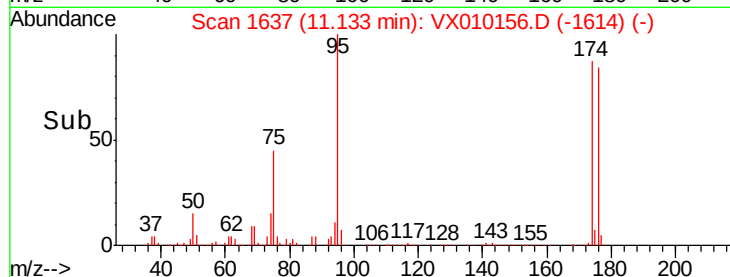
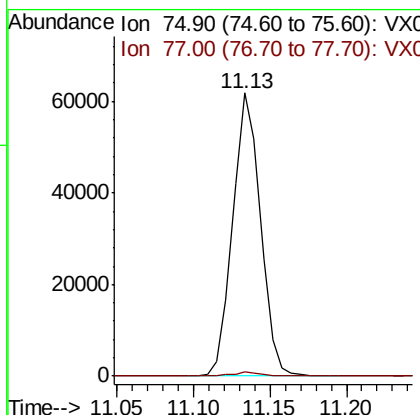
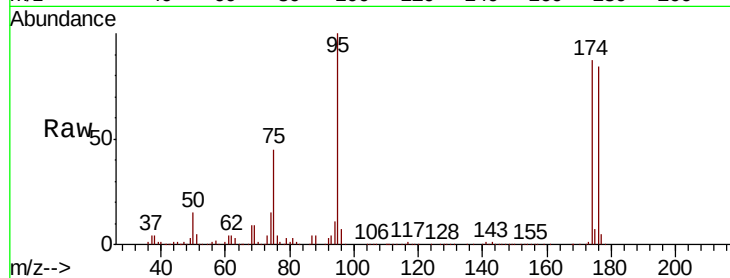




#76
 1,2,3-Trichloropropane
 Concen: 21.404 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20190606

Tgt Ion: 75 Resp: 77680
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.291 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010156.D
 Acq: 08 Jun 2019 22:10

Tgt Ion: 75 Resp: 77680
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.8 119.6#
 89 0.0 34.2 51.4#

