

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010179.D
 Acq On : 10 Jun 2019 15:45
 Operator : JC/SP
 Sample : K3249-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190606

Quant Time: Jun 11 02:38:16 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	5.67	168	274339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175938	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	123601	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	128073	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	486775	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	167462	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

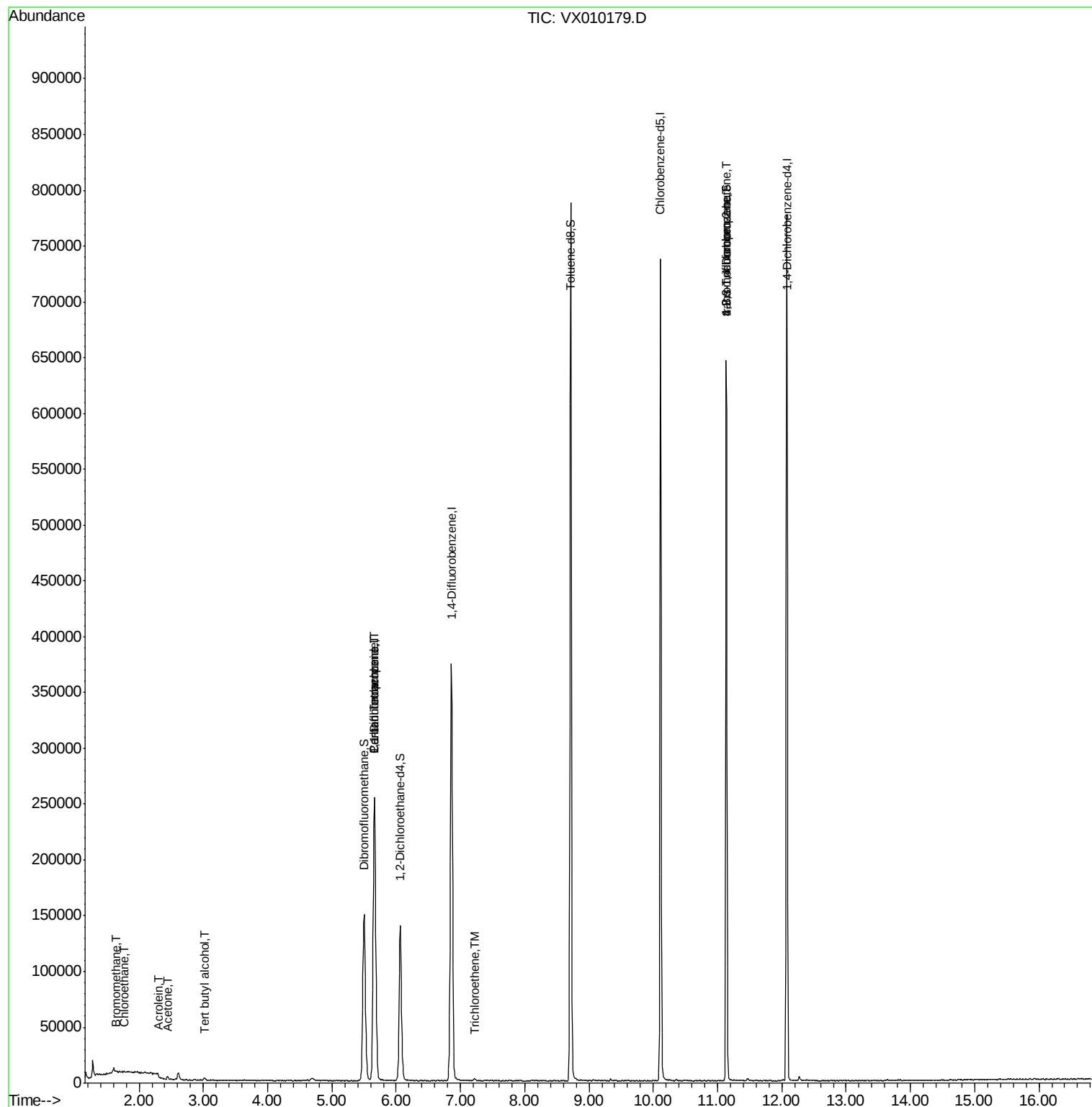
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	594	0.668	ug/l #	33
6) Chloroethane	1.77	64	475	0.400	ug/l #	59
11) Tert butyl alcohol	3.02	59	1318	2.009	ug/l #	94
13) Acrolein	2.30	56	200	1.672	ug/l #	14
16) Acetone	2.45	43	2884	2.290	ug/l	99
36) 1,1-Dichloropropene	5.66	75	16305	4.784	ug/l #	52
38) Carbon Tetrachloride	5.67	117	23425	6.072	ug/l #	15
44) Trichloroethene	7.22	130	641	0.202	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	77028	21.889	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	77028	48.361	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

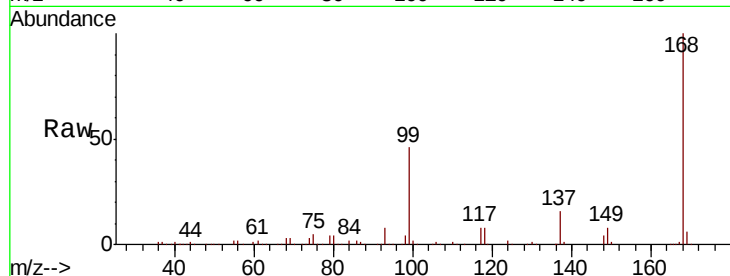
BPS1-TT-MW305S-20190606

Tot Ion:168 Resp: 274339

Ion Ratio Lower Upper

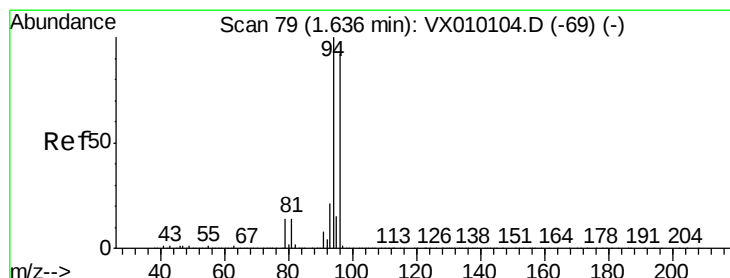
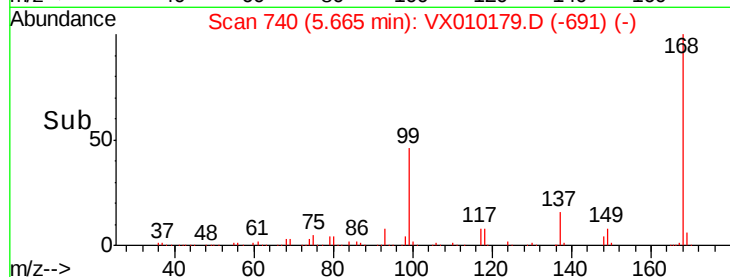
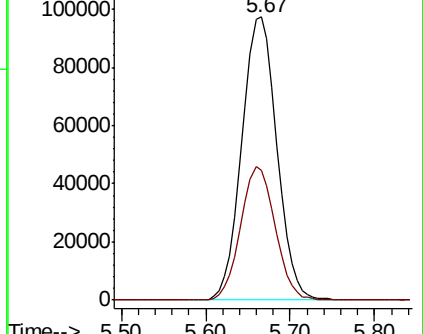
168 100

99 46.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.668 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010179.D

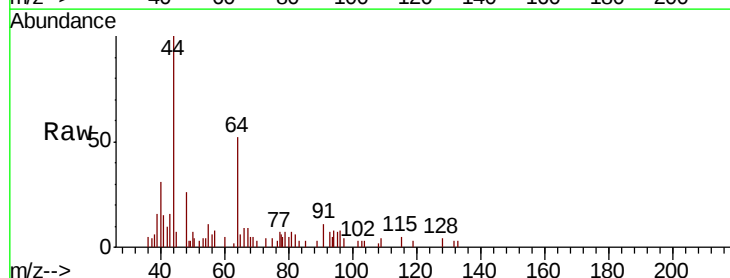
Acq: 10 Jun 2019 15:45

Tgt Ion: 94 Resp: 594

Ion Ratio Lower Upper

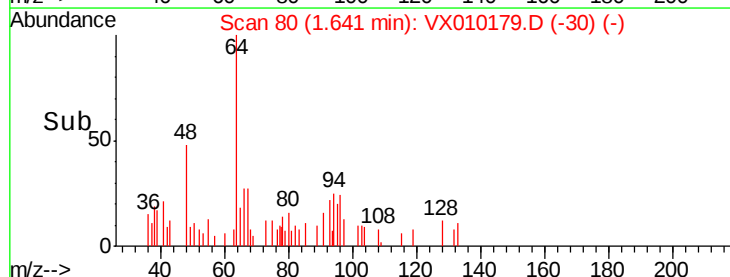
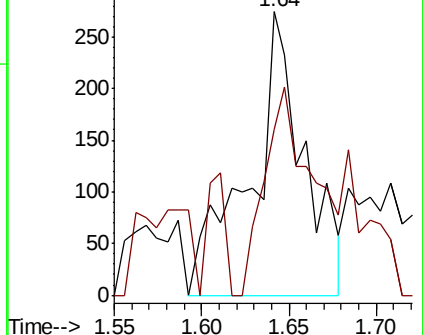
94 100

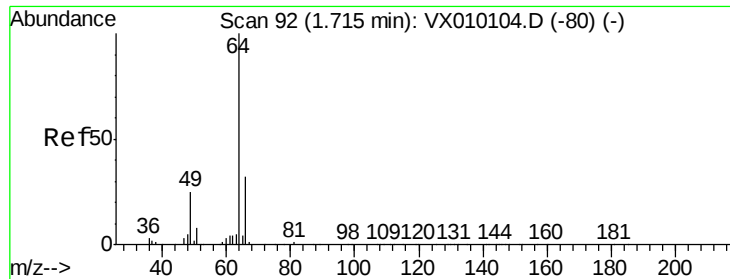
96 30.3 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.400 ug/l

RT: 1.77 min Scan# 101

Delta R.T. 0.06 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

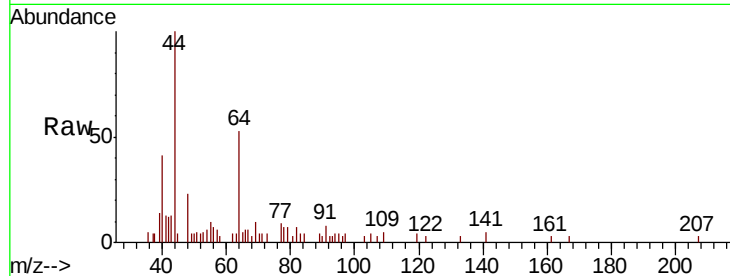
BPS1-TT-MW305S-20190606

Tot Ion: 64 Resp: 475

Ion Ratio Lower Upper

64 100

66 8.9 25.1 37.7#

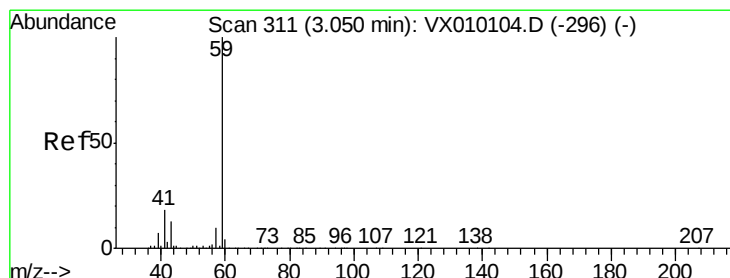
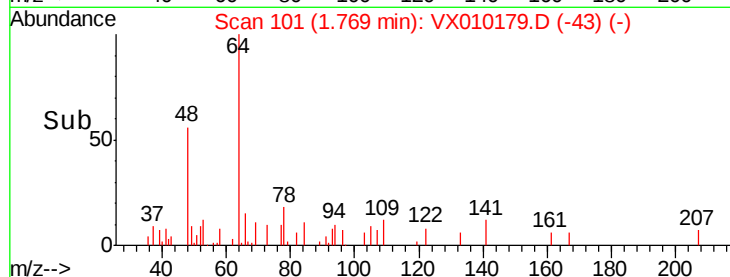


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.77

Time-->



#11

Tert butyl alcohol

Concen: 2.009 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010179.D

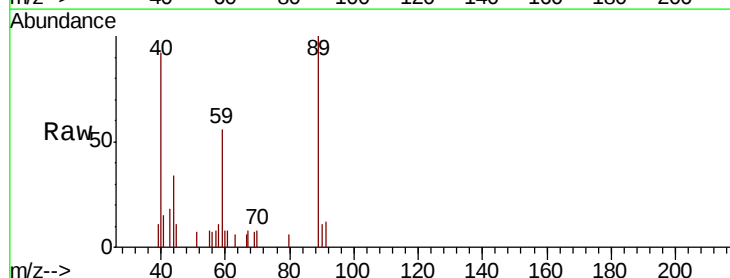
Acq: 10 Jun 2019 15:45

Tgt Ion: 59 Resp: 1318

Ion Ratio Lower Upper

59 100

57 12.3 8.2 12.2#

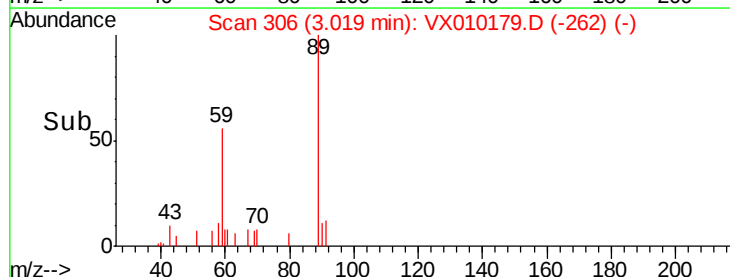


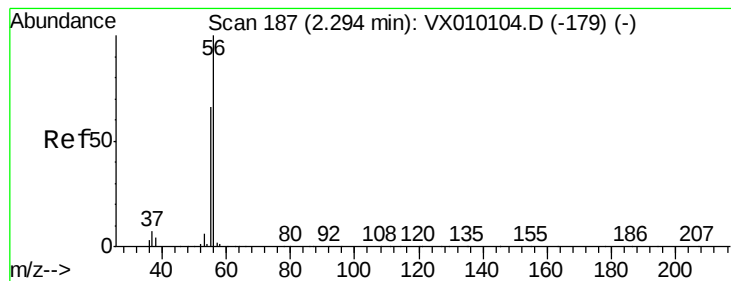
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

Time-->





#13

Acrolein

Concen: 1.672 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

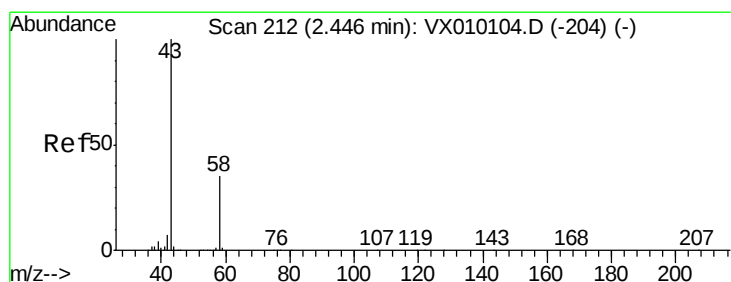
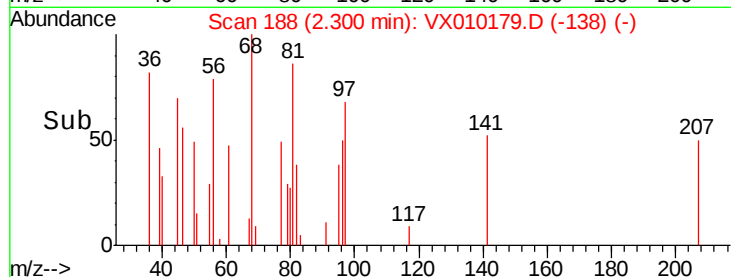
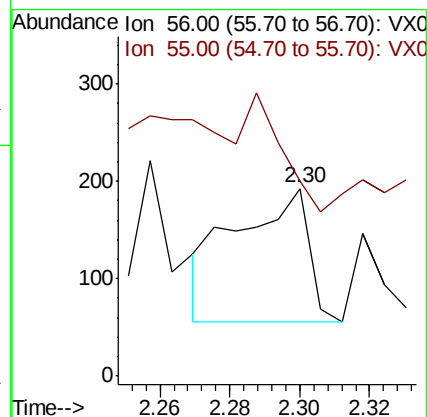
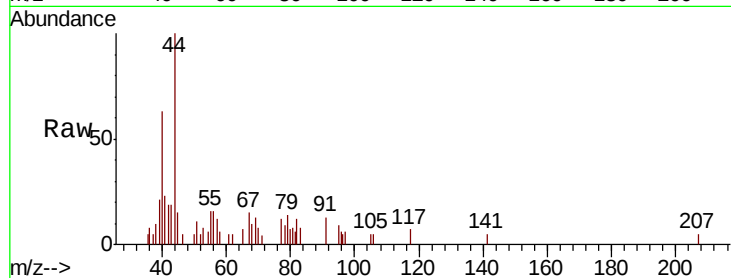
BPS1-TT-MW305S-20190606

Tot Ion: 56 Resp: 200

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 2.290 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010179.D

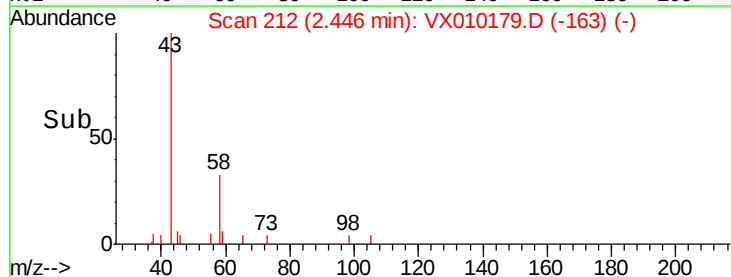
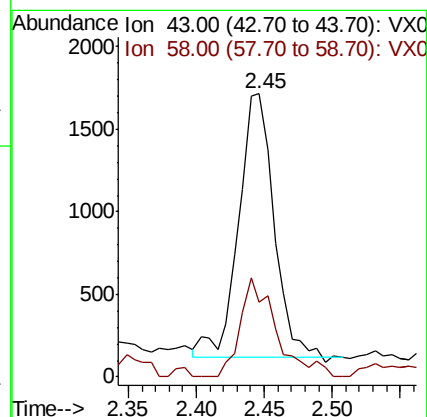
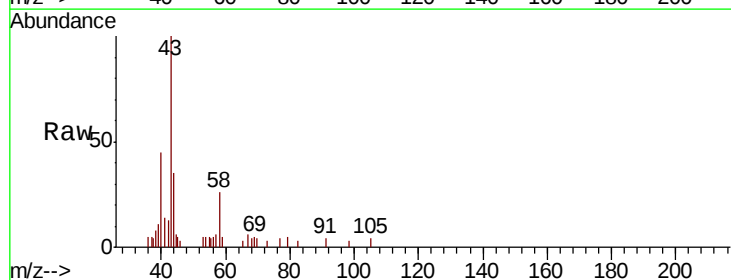
Acq: 10 Jun 2019 15:45

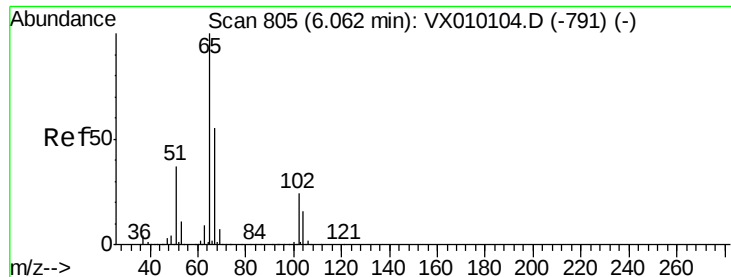
Tgt Ion: 43 Resp: 2884

Ion Ratio Lower Upper

43 100

58 28.5 23.2 34.8





#33

1,2-Dichloroethane-d4

Concen: 46.157 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

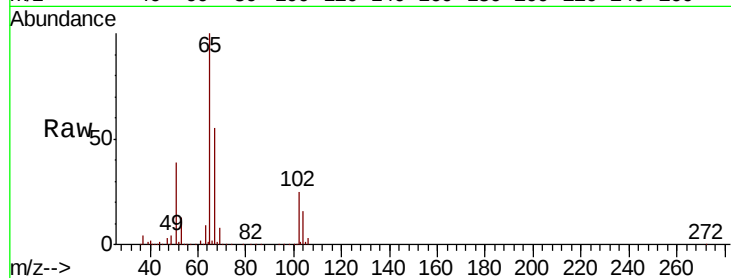
BPS1-TT-MW305S-20190606

Tot Ion: 65 Resp: 123601

Ion Ratio Lower Upper

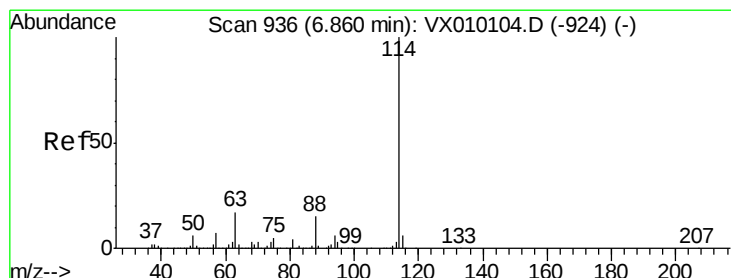
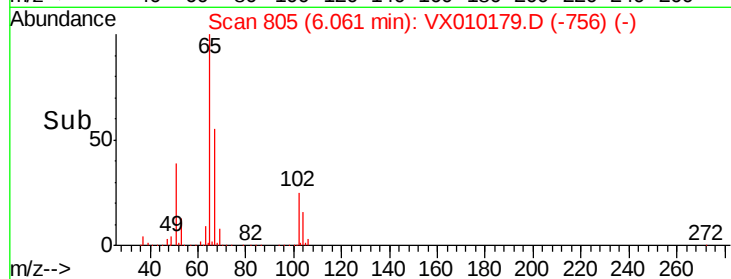
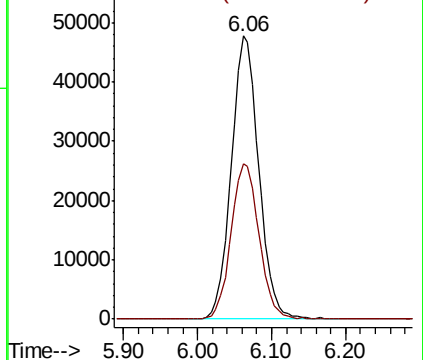
65 100

67 56.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

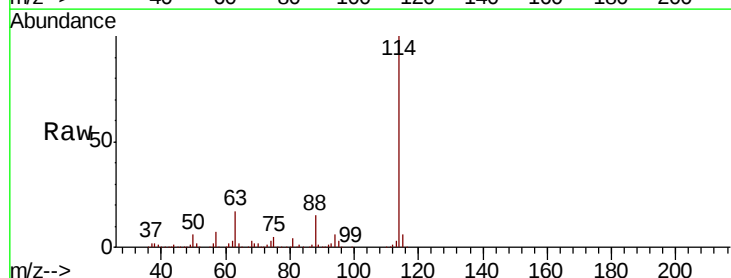
Tgt Ion: 114 Resp: 417763

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

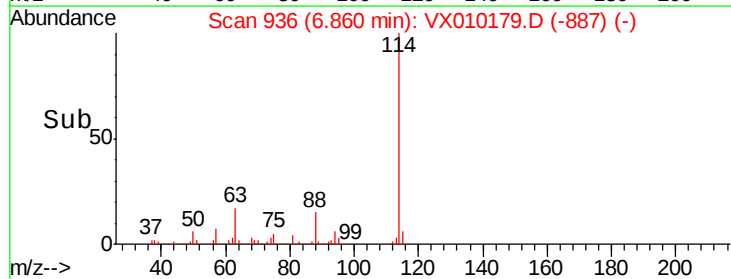
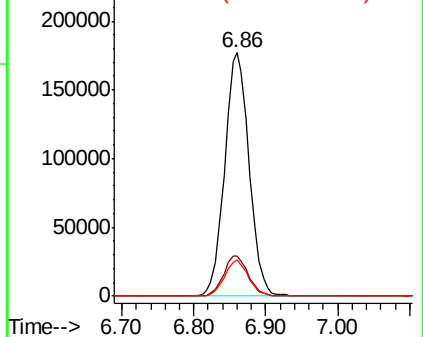
88 14.8 0.0 33.0

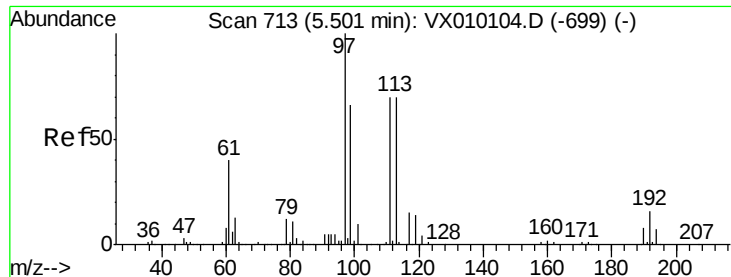


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

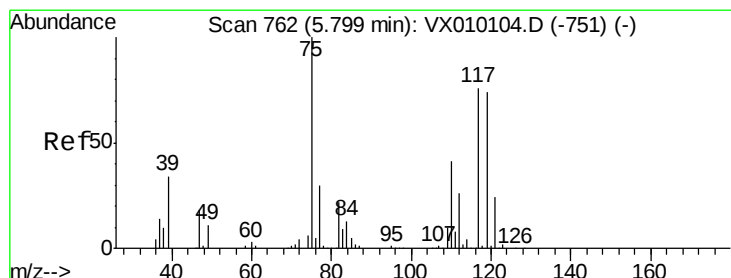
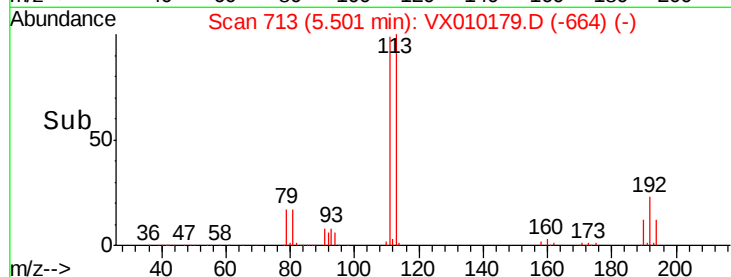
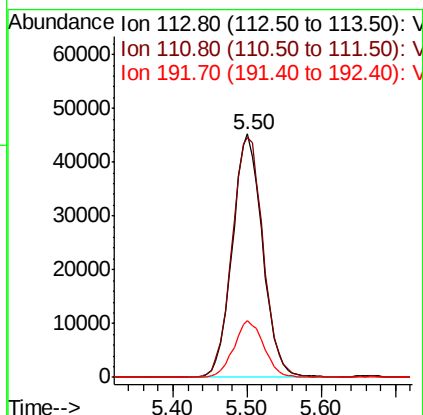
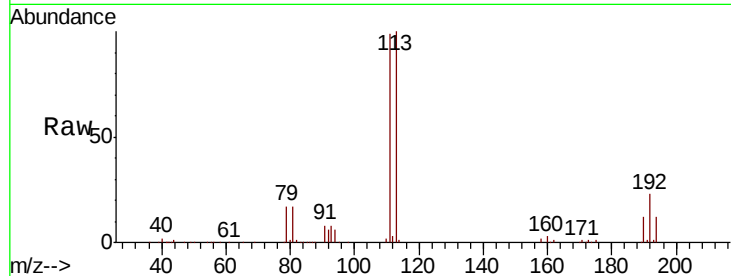




#35
Dibromofluoromethane
Concen: 49.701 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010179.D
Acq: 10 Jun 2019 15:45

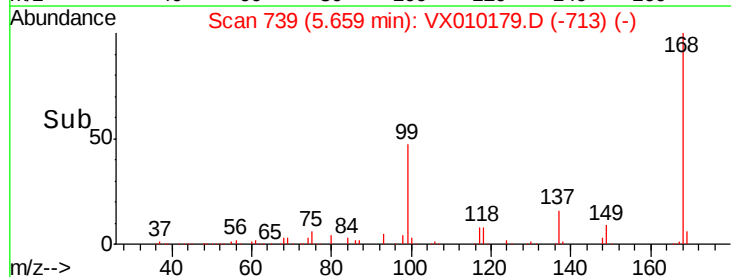
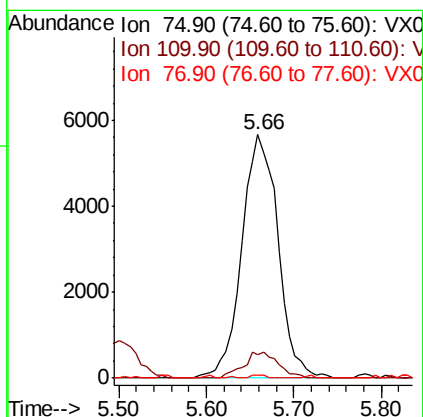
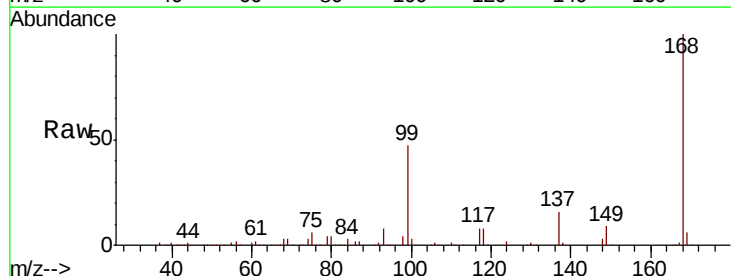
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190606

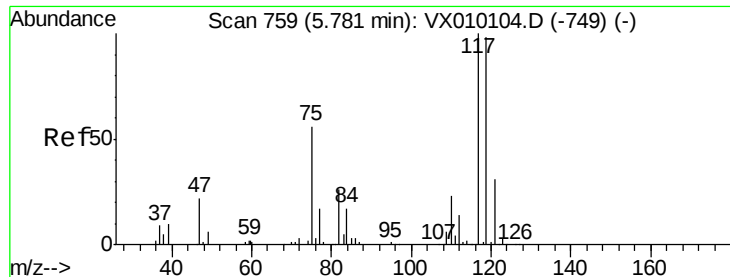
Tot Ion:113 Resp: 128073
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 23.2 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010179.D
Acq: 10 Jun 2019 15:45

Tgt Ion: 75 Resp: 16305
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.1#
77 0.5 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.072 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190606

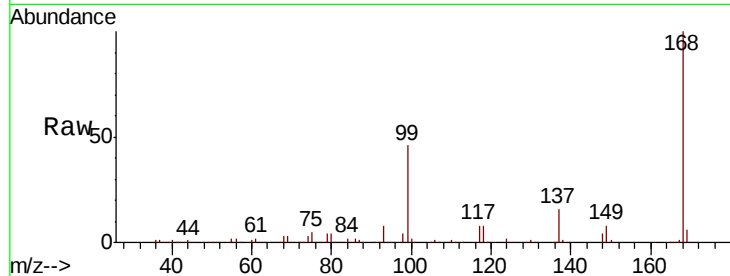
Tot Ion:117 Resp: 23425

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

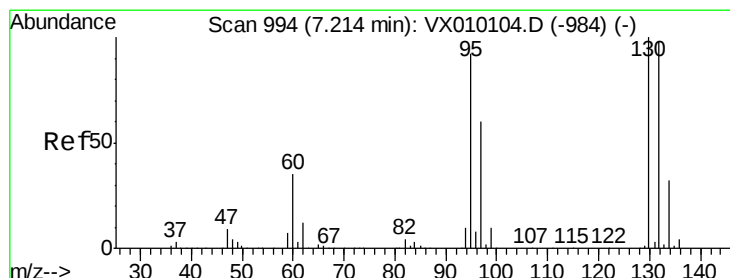
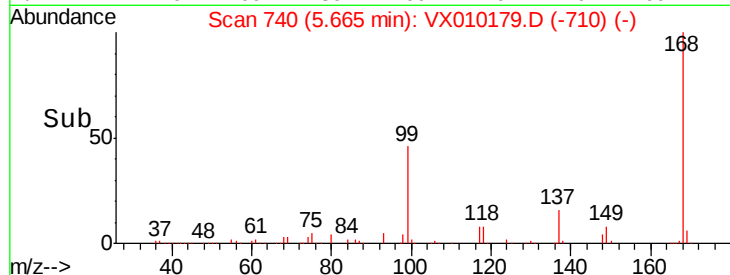
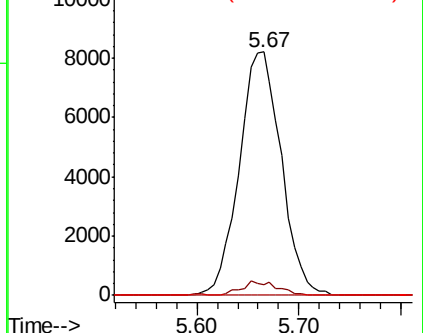
121 0.0 25.4 38.0#



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



#44

Trichloroethene

Concen: 0.202 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010179.D

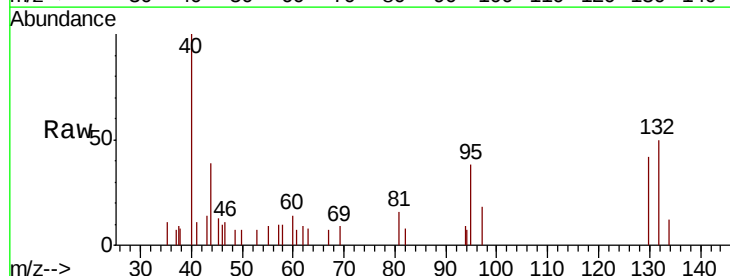
Acq: 10 Jun 2019 15:45

Tgt Ion:130 Resp: 641

Ion Ratio Lower Upper

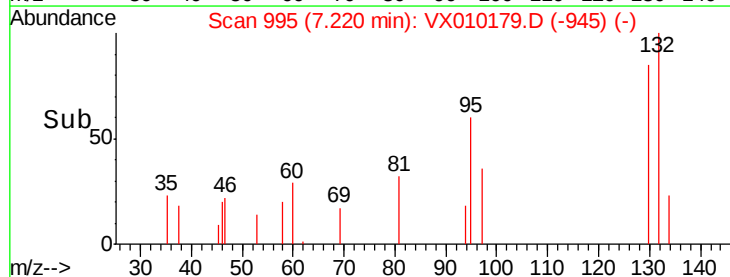
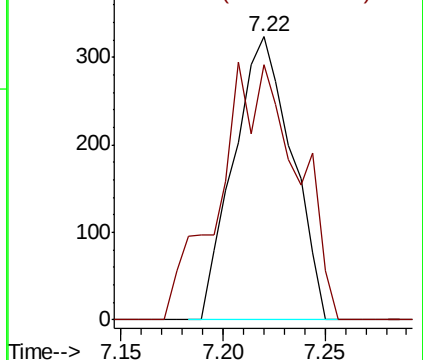
130 100

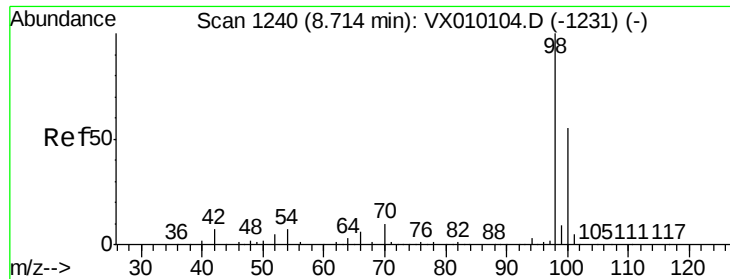
95 90.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.403 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

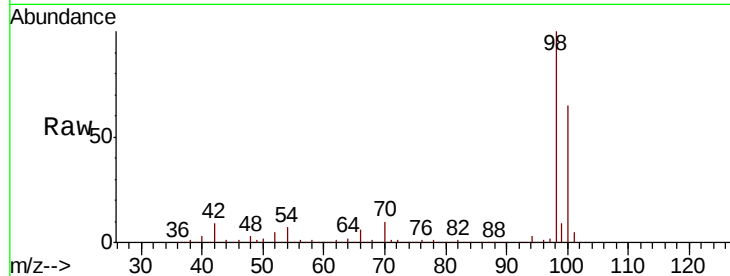
BPS1-TT-MW305S-20190606

Tot Ion: 98 Resp: 486775

Ion Ratio Lower Upper

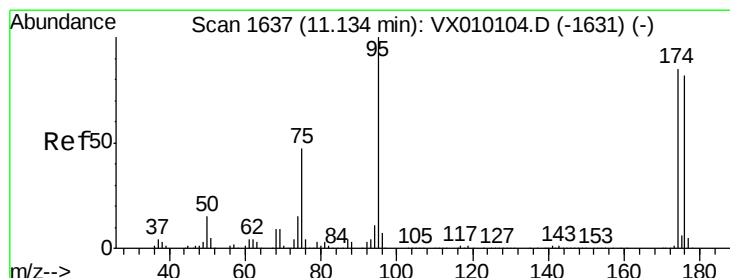
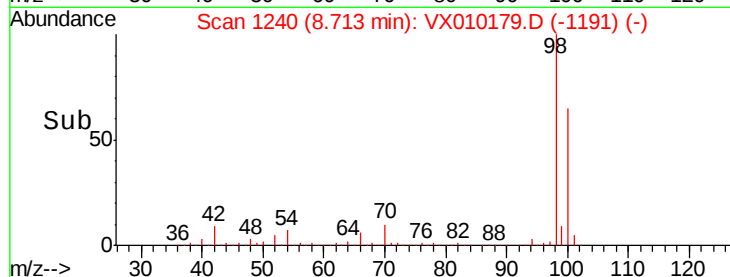
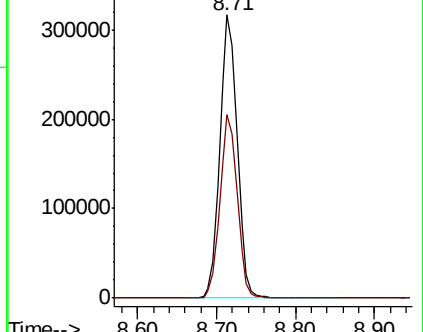
98 100

100 64.7 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: 46.430 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

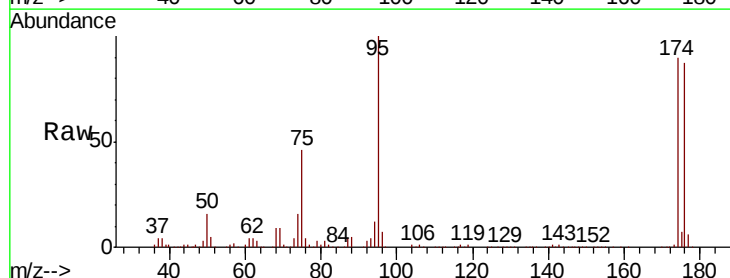
Tgt Ion: 95 Resp: 167462

Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

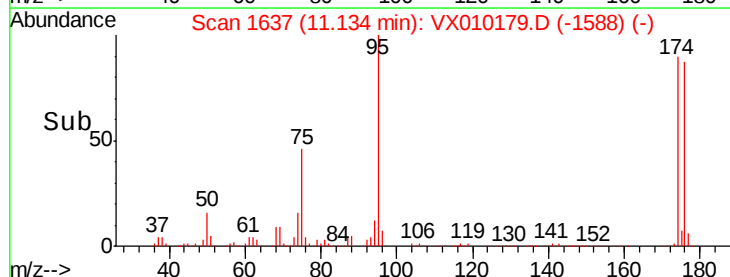
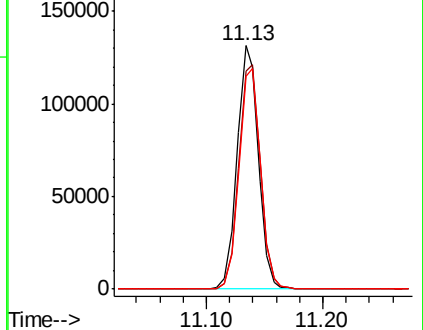
176 91.7 0.0 154.6

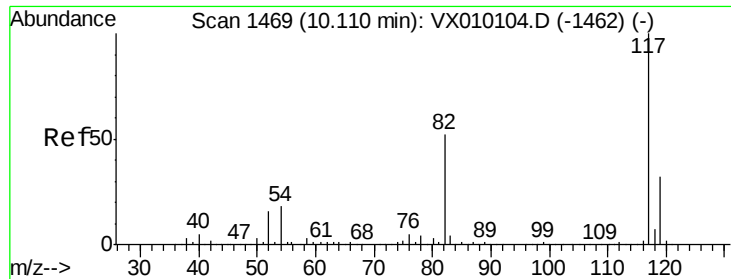


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

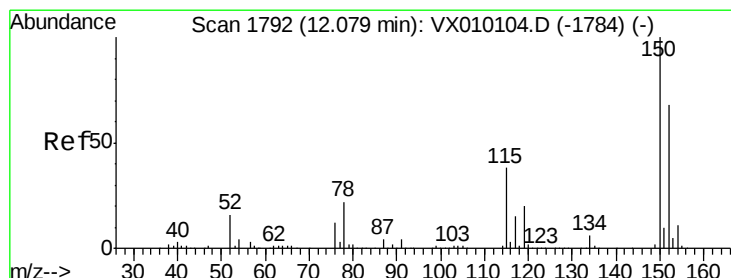
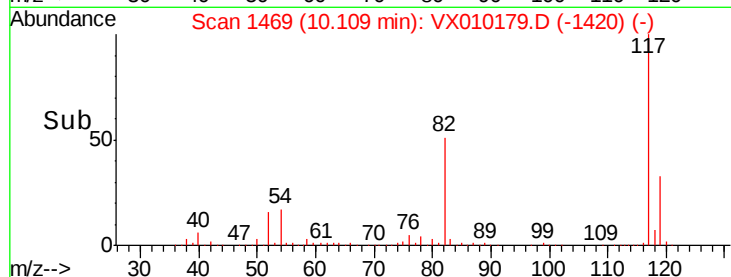
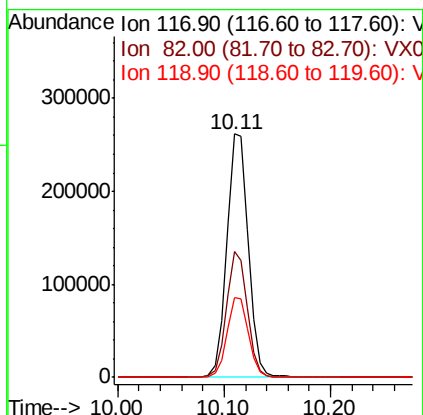
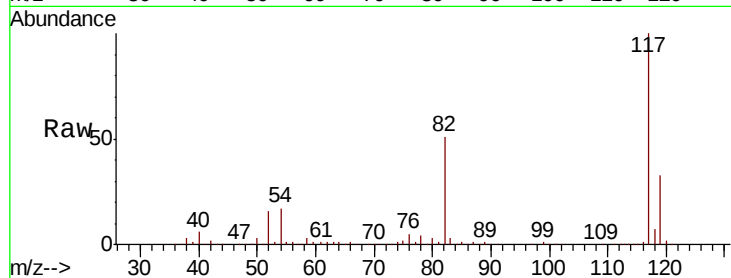




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010179.D
Acq: 10 Jun 2019 15:45

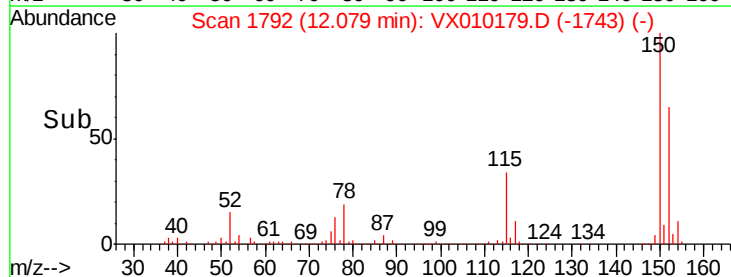
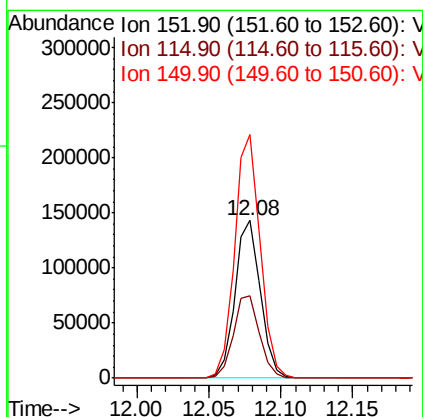
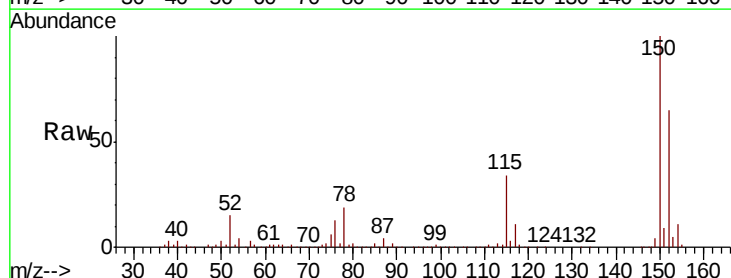
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190606

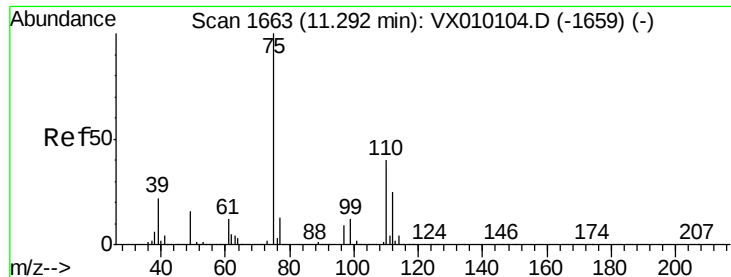
Tot Ion:117 Resp: 370660
Ion Ratio Lower Upper
117 100
82 51.5 49.2 73.8
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010179.D
Acq: 10 Jun 2019 15:45

Tgt Ion:152 Resp: 175938
Ion Ratio Lower Upper
152 100
115 54.0 41.4 124.2
150 155.9 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 21.889 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

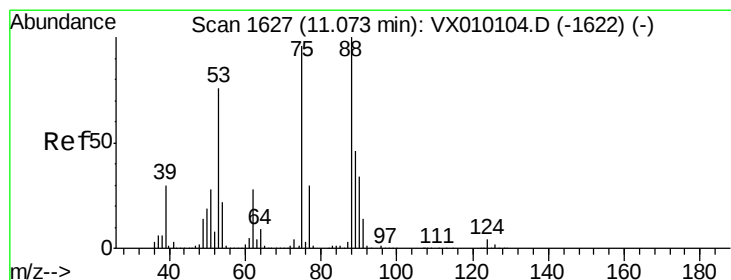
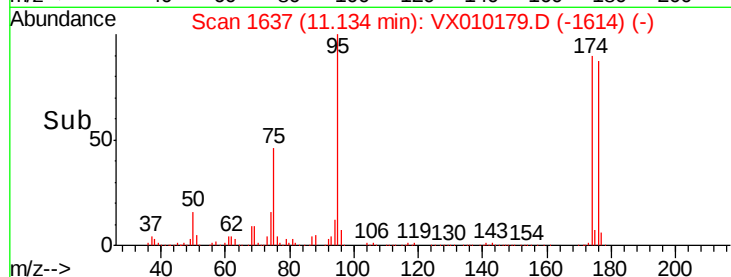
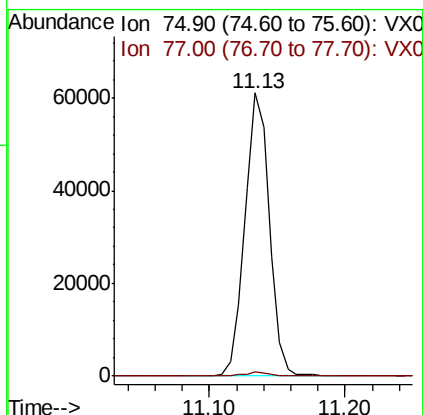
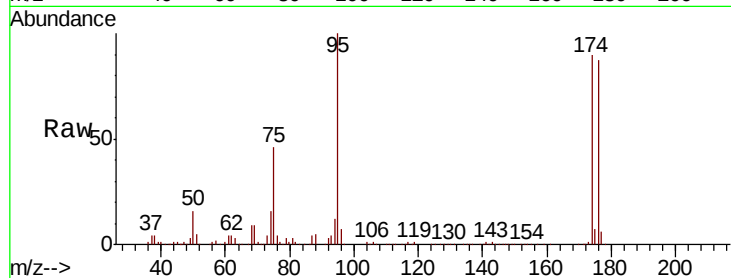
BPS1-TT-MW305S-20190606

Tot Ion: 75 Resp: 77028

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.361 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010179.D

Acq: 10 Jun 2019 15:45

Tgt Ion: 75 Resp: 77028

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 34.2 51.4#

