

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010227.D
 Acq On : 11 Jun 2019 13:08
 Operator : JC/SP
 Sample : K3279-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW312I-20190607

Quant Time: Jun 12 07:48:11 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	255543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161229	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	112427	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
35) Dibromofluoromethane	5.50	113	116455	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	443519	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	150804	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	

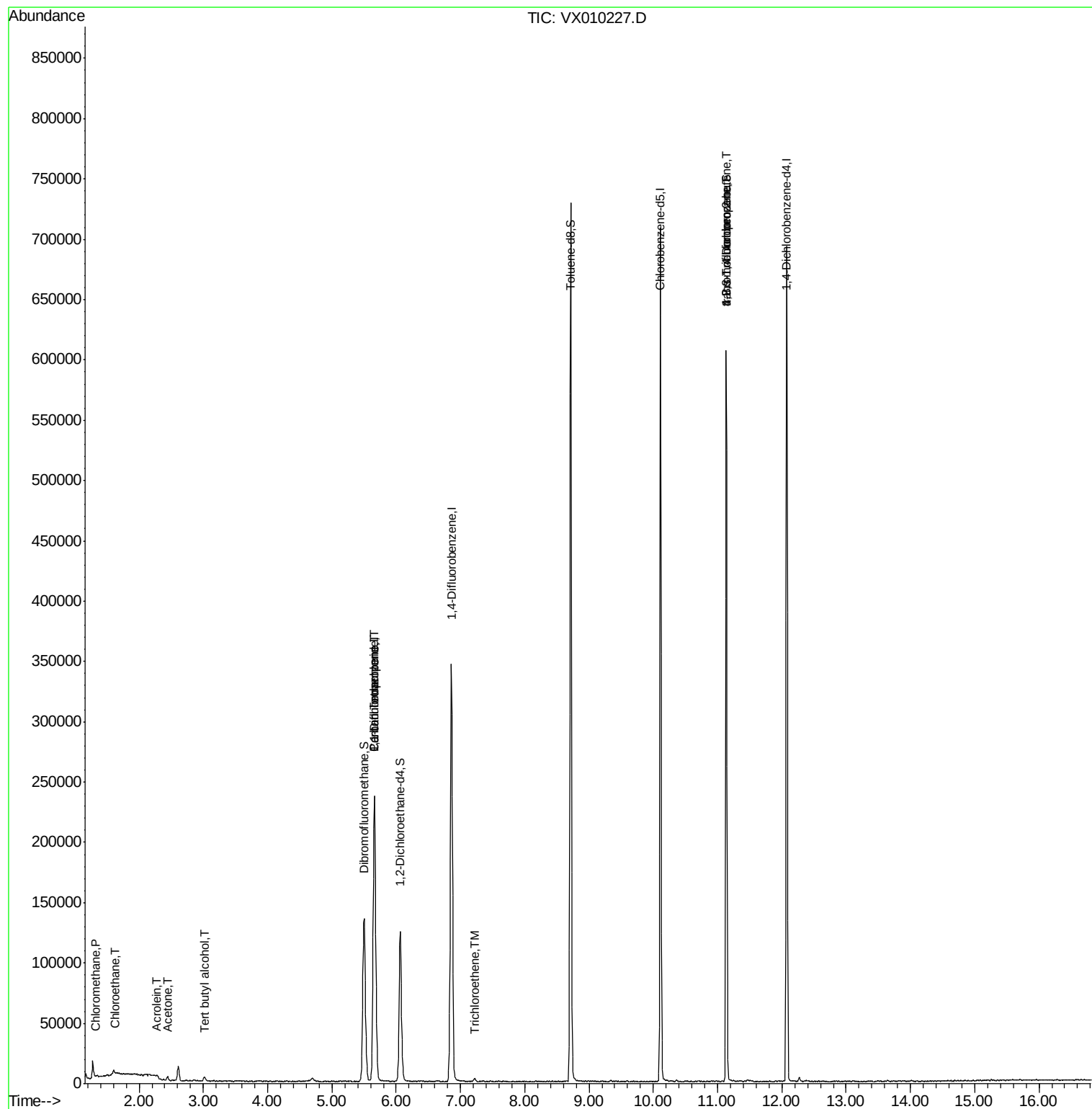
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	612	0.262	ug/l #	65
6) Chloroethane	1.64	64	1432	1.294	ug/l #	55
11) Tert butyl alcohol	3.02	59	1913	3.131	ug/l	97
13) Acrolein	2.26	56	119	1.068	ug/l #	14
16) Acetone	2.45	43	2954	2.518	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	14877	4.762	ug/l #	51
38) Carbon Tetrachloride	5.66	117	21953	6.208	ug/l #	15
44) Trichloroethene	7.22	130	1041	0.357	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	70016	21.711	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	70016	47.969	ug/l #	10

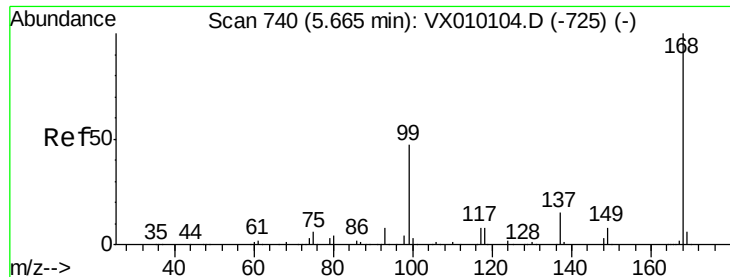
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
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: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

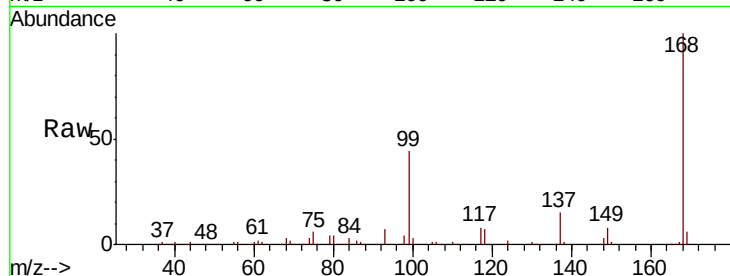
BPS1-TT-MW312I-20190607

Tot Ion:168 Resp: 255543

Ion Ratio Lower Upper

168 100

99 43.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

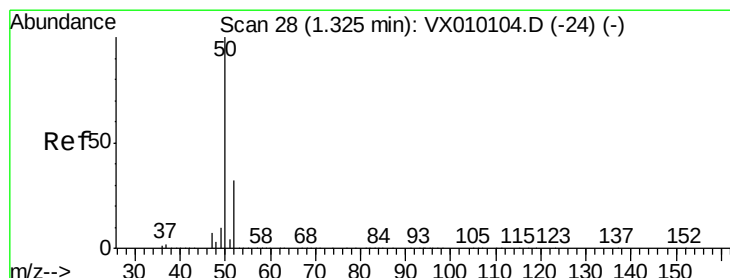
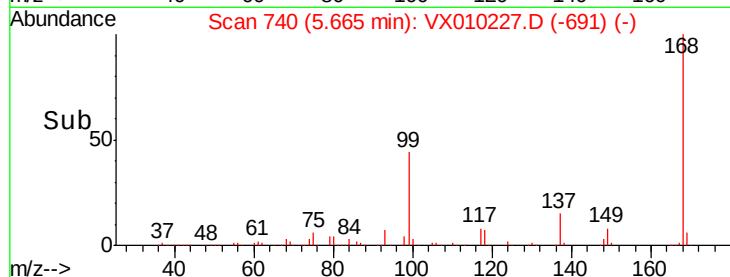
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.262 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010227.D

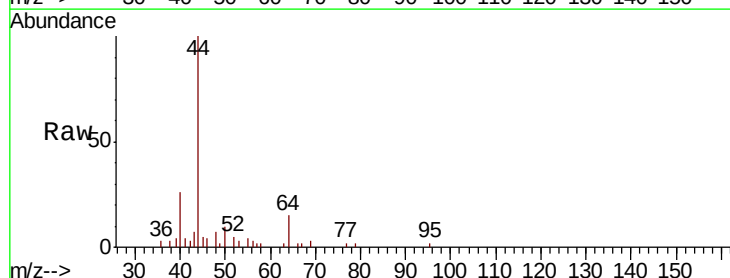
Acq: 11 Jun 2019 13:08

Tgt Ion: 50 Resp: 612

Ion Ratio Lower Upper

50 100

52 52.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

300

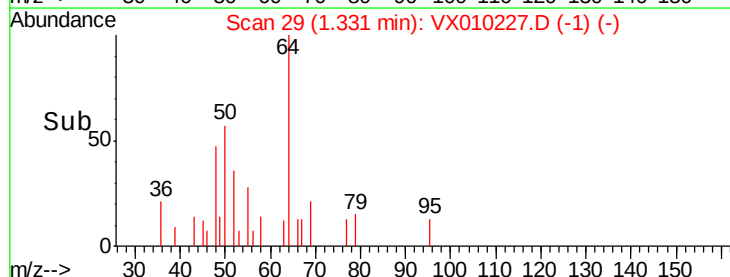
200

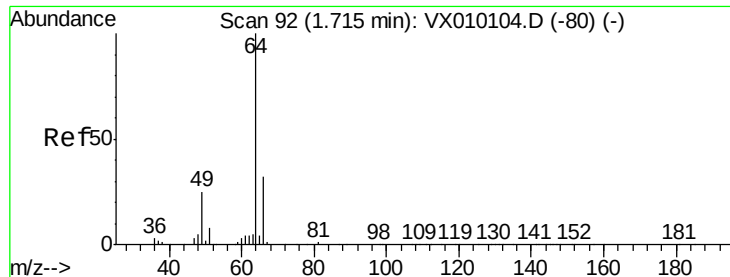
100

0

Time-->

1.30 1.35





#6

Chloroethane

Concen: 1.294 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.08 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

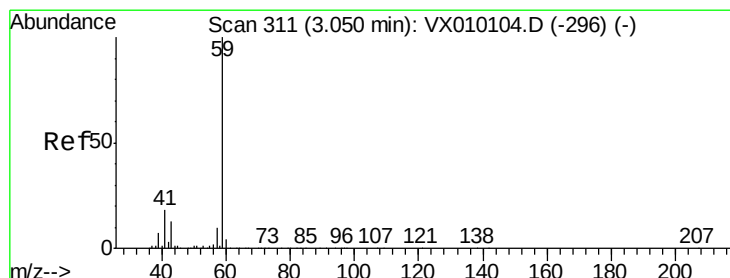
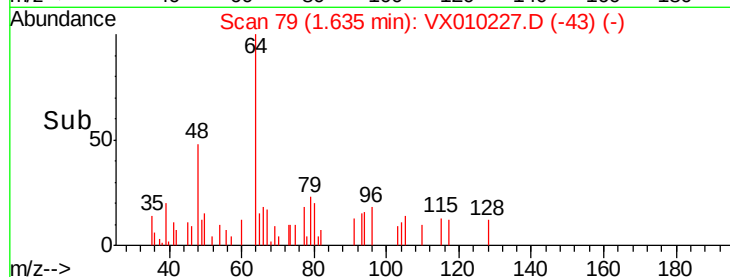
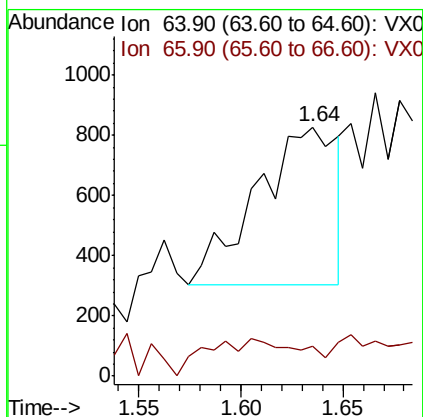
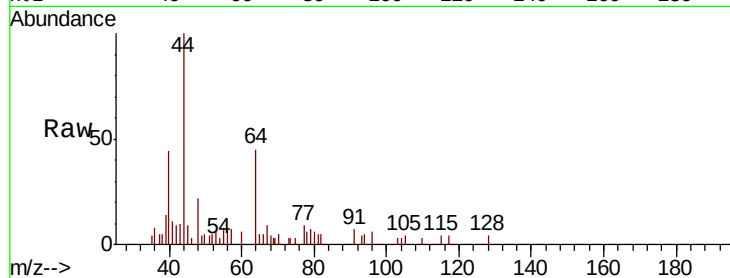
BPS1-TT-MW312I-20190607

Tot Ion: 64 Resp: 1432

Ion Ratio Lower Upper

64 100

66 6.3 25.1 37.7#



#11

Tert butyl alcohol

Concen: 3.131 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010227.D

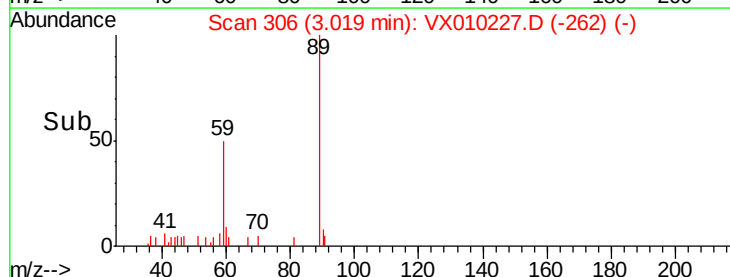
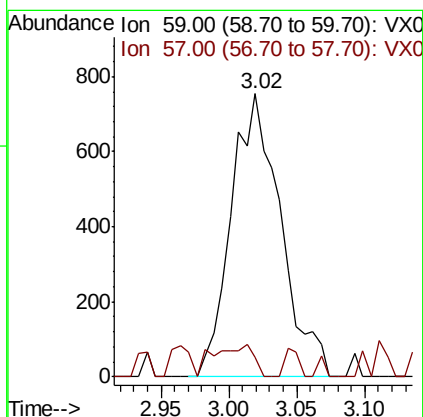
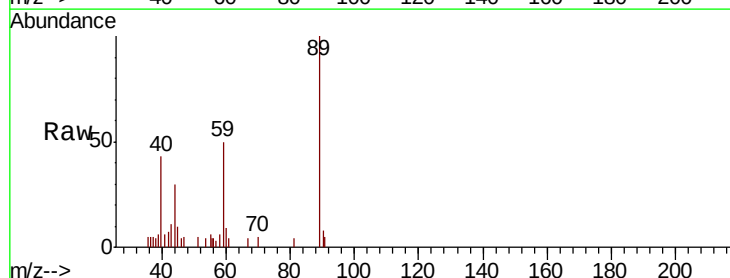
Acq: 11 Jun 2019 13:08

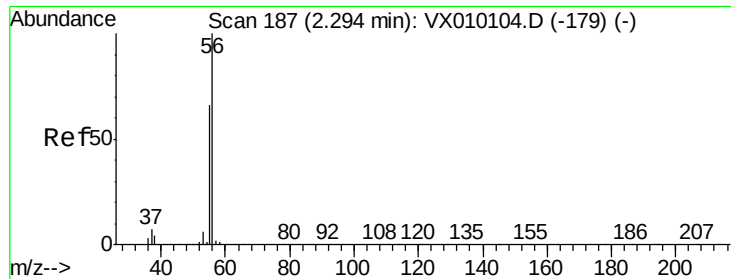
Tgt Ion: 59 Resp: 1913

Ion Ratio Lower Upper

59 100

57 9.0 8.2 12.2





#13

Acrolein

Concen: 1.068 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

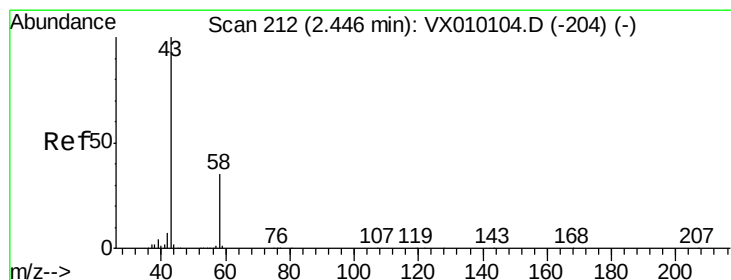
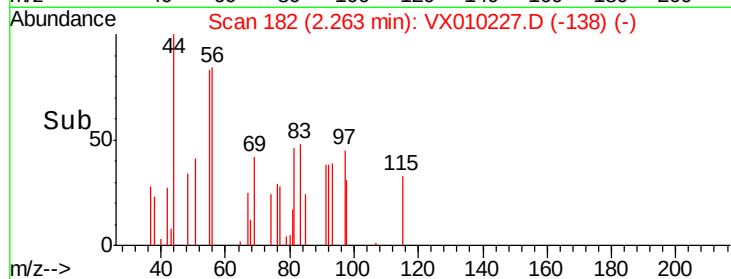
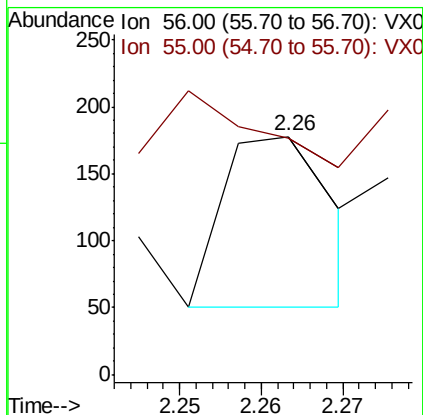
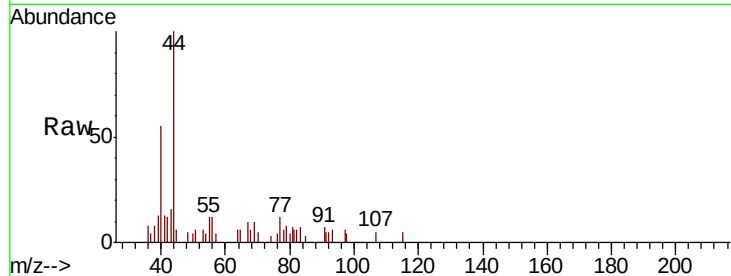
BPS1-TT-MW312I-20190607

Tot Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 2.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010227.D

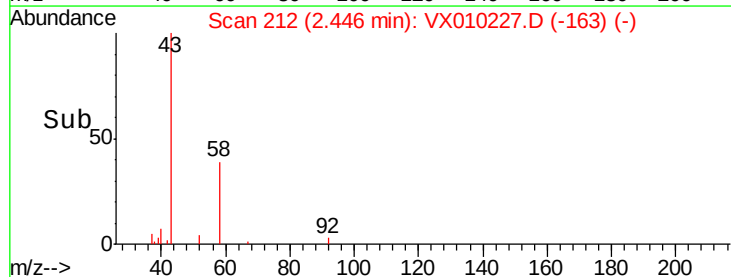
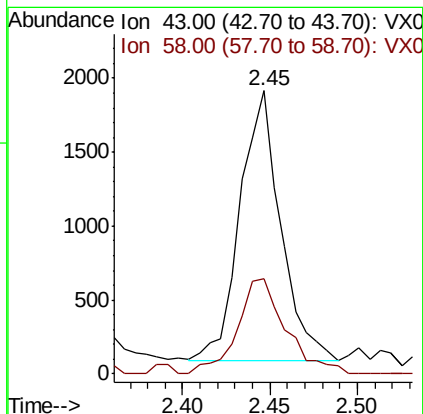
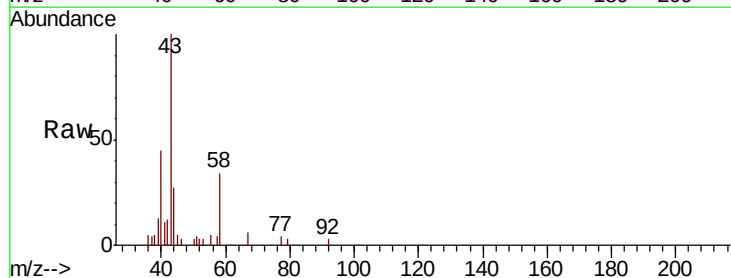
Acq: 11 Jun 2019 13:08

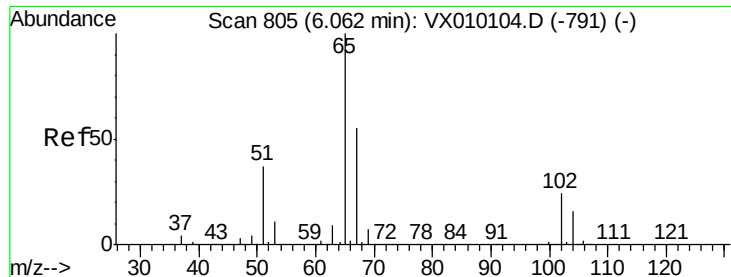
Tgt Ion: 43 Resp: 2954

Ion Ratio Lower Upper

43 100

58 35.5 23.2 34.8#





#33

1,2-Dichloroethane-d4

Concen: 45.072 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

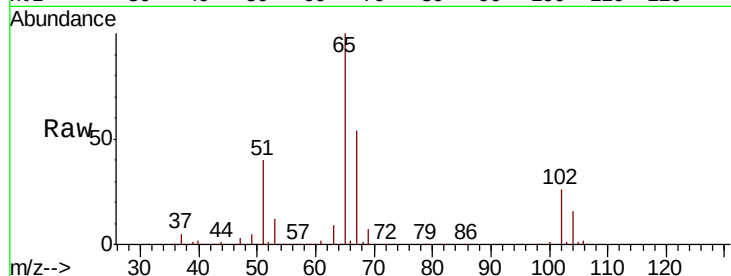
BPS1-TT-MW312I-20190607

Tot Ion: 65 Resp: 112427

Ion Ratio Lower Upper

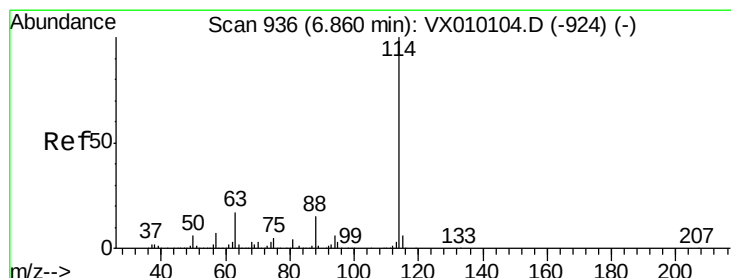
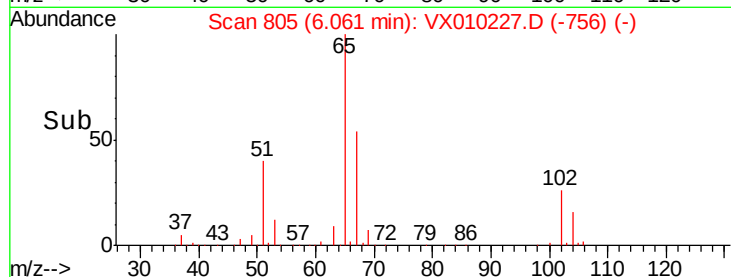
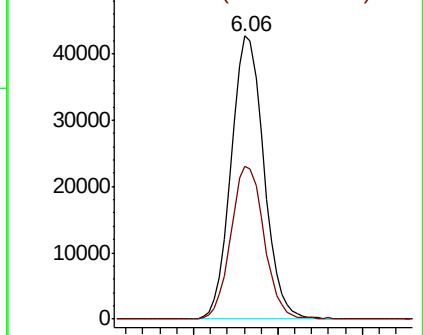
65 100

67 54.9 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: VX010227.D

Acq: 11 Jun 2019 13:08

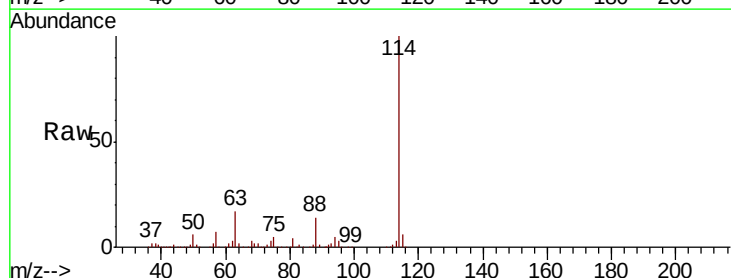
Tgt Ion:114 Resp: 382963

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

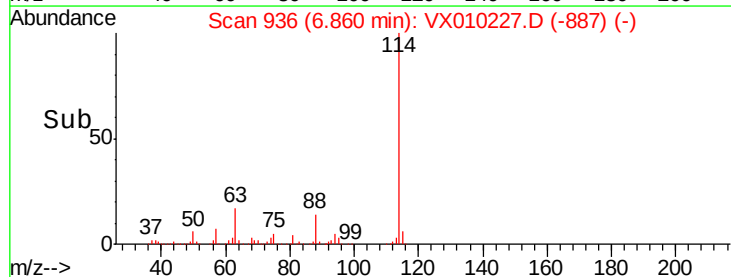
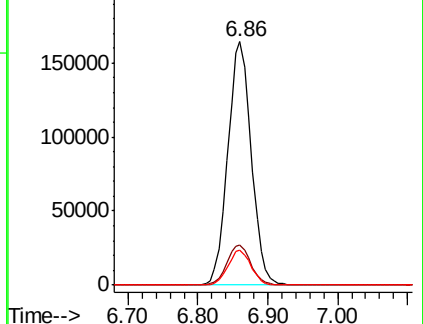
88 14.1 0.0 33.0

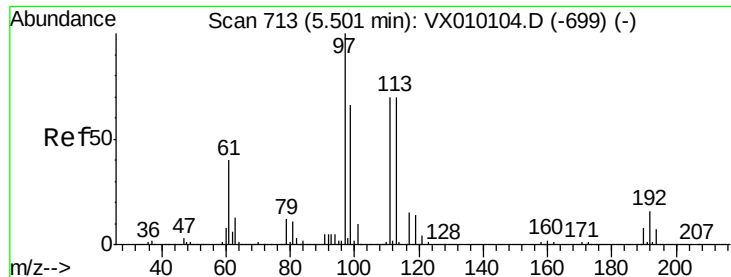


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.299 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW312I-20190607

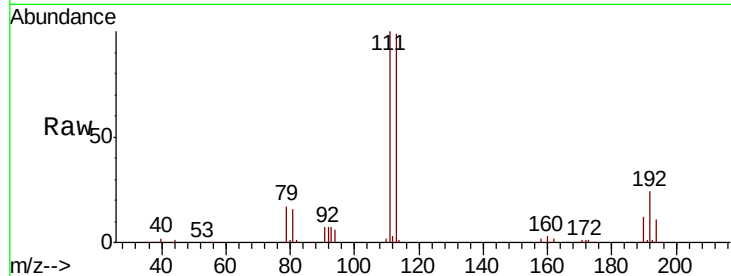
Tot Ion:113 Resp: 116455

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

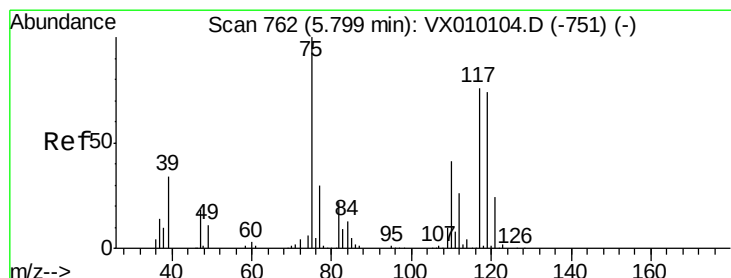
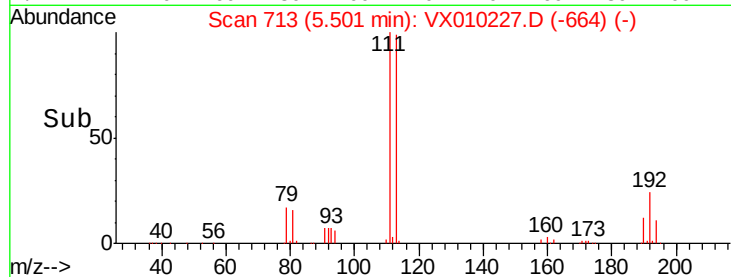
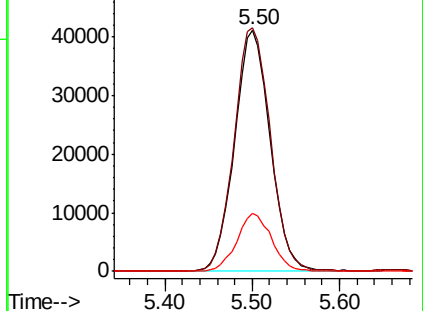
192 23.4 17.1 25.7



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: 4.762 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

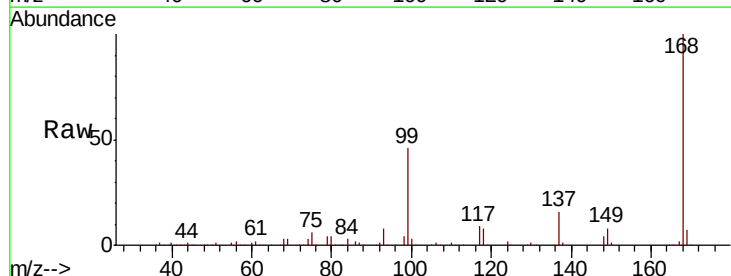
Tgt Ion: 75 Resp: 14877

Ion Ratio Lower Upper

75 100

110 10.1 16.7 50.1#

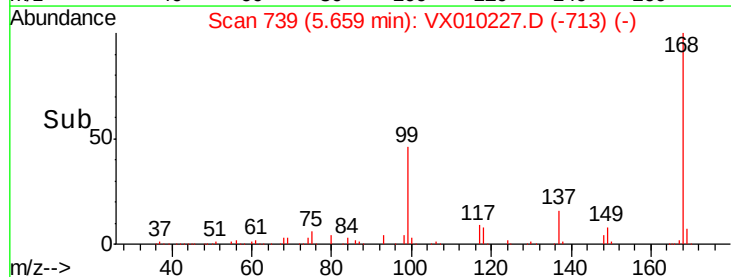
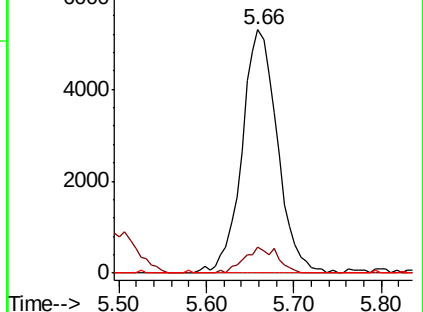
77 0.0 25.0 37.4#

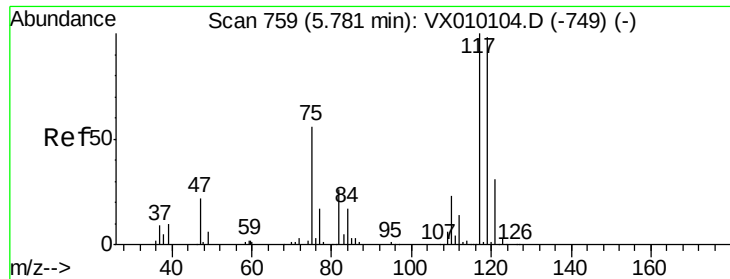


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.208 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW312I-20190607

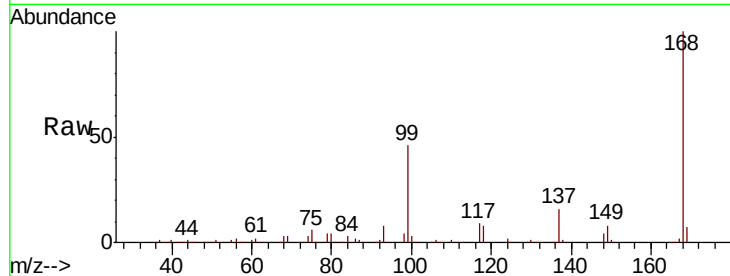
Tot Ion:117 Resp: 21953

Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

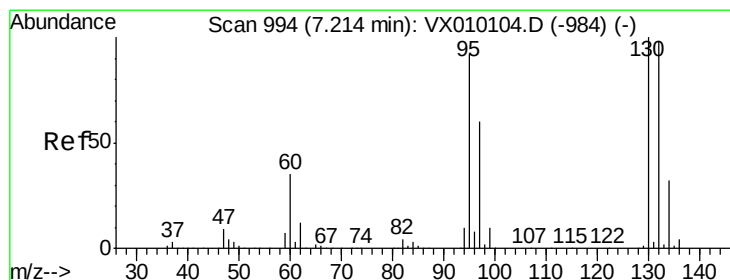
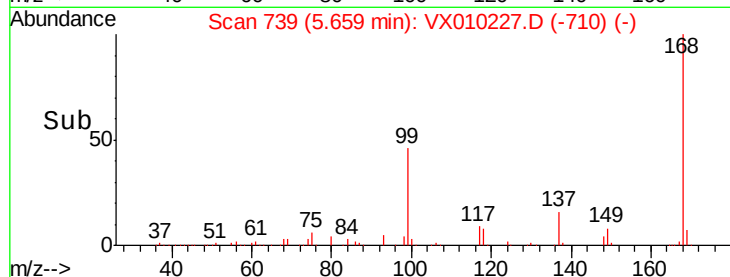
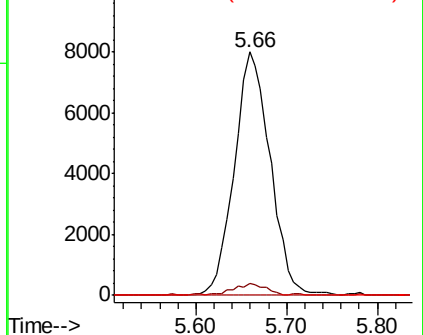
121 0.0 25.4 38.0#



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: 0.357 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010227.D

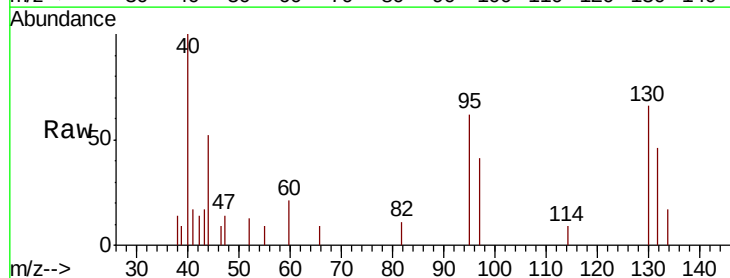
Acq: 11 Jun 2019 13:08

Tgt Ion:130 Resp: 1041

Ion Ratio Lower Upper

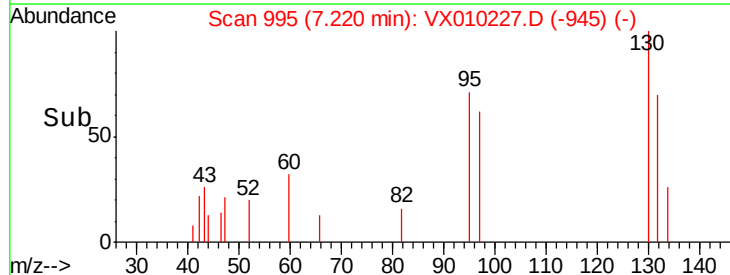
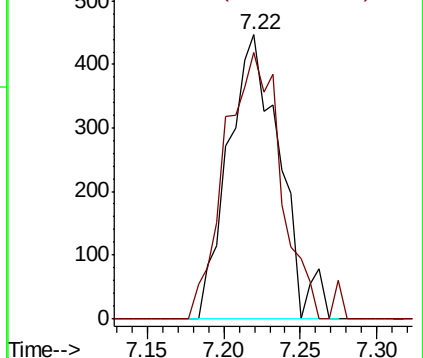
130 100

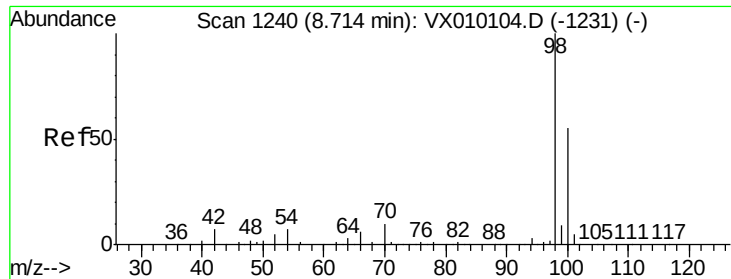
95 94.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.097 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

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ClientSampleId :

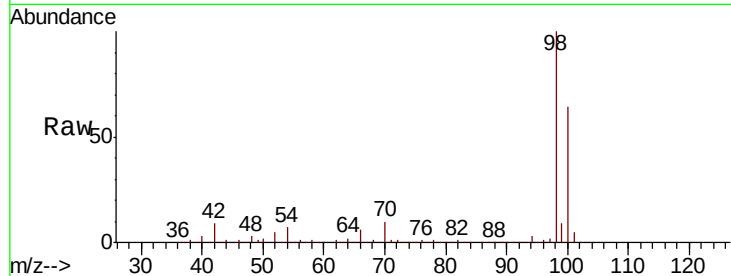
BPS1-TT-MW312I-20190607

Tot Ion: 98 Resp: 443519

Ion Ratio Lower Upper

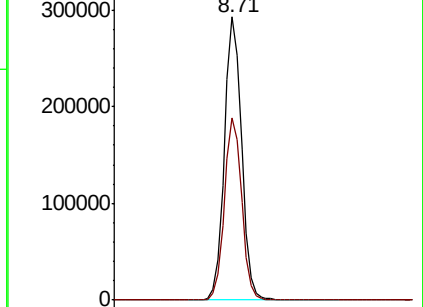
98 100

100 64.5 51.5 77.3

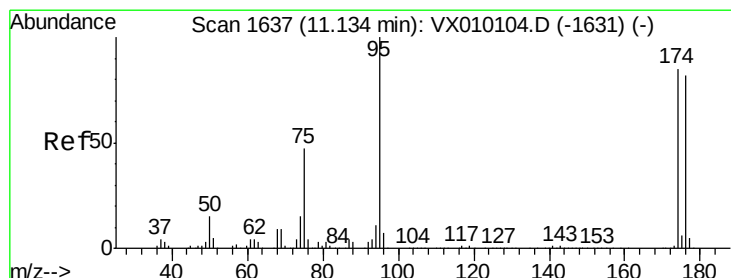
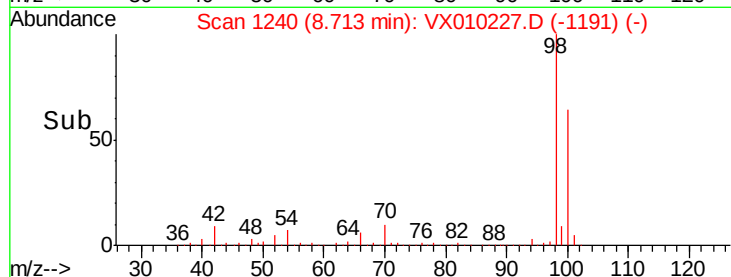


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 45.611 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

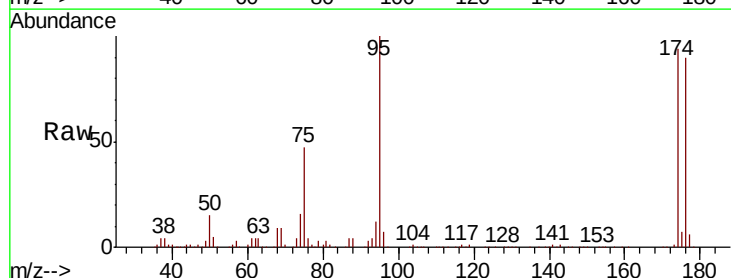
Tgt Ion: 95 Resp: 150804

Ion Ratio Lower Upper

95 100

174 97.1 0.0 160.4

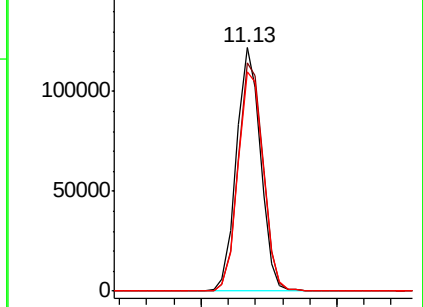
176 94.4 0.0 154.6



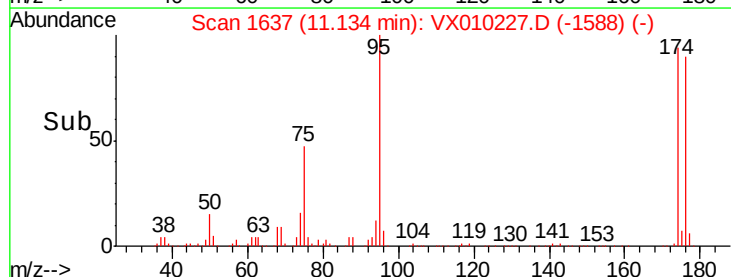
Abundance Ion 94.90 (94.60 to 95.60): VX0

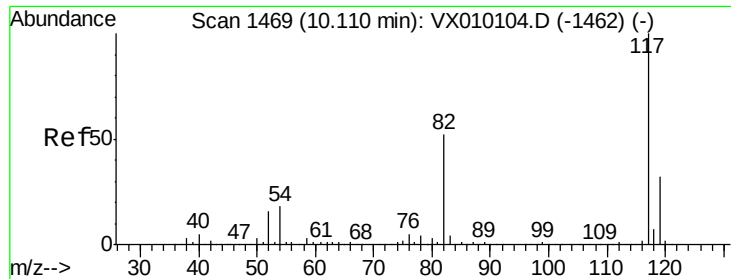
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

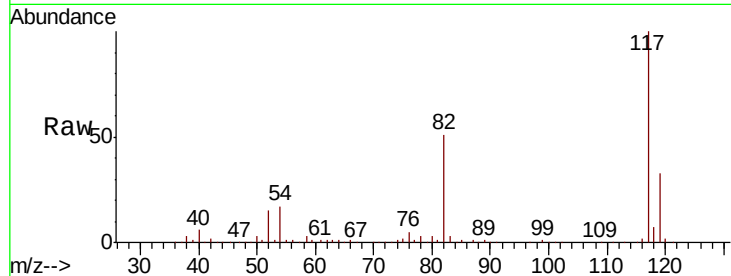




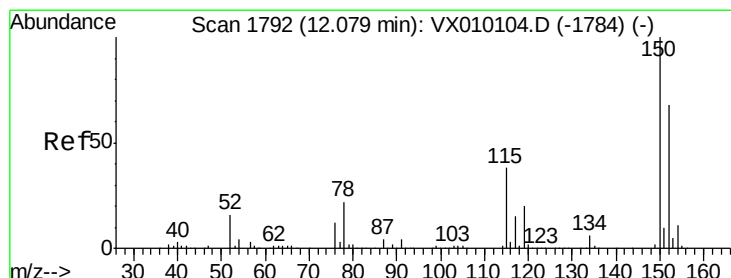
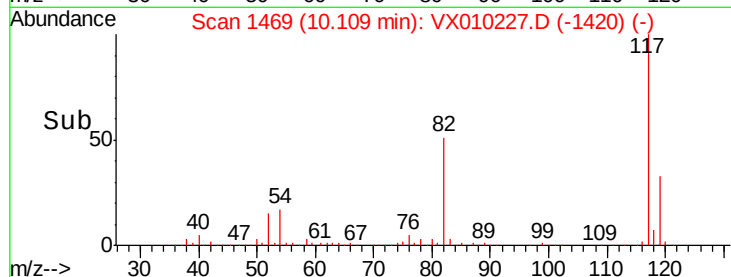
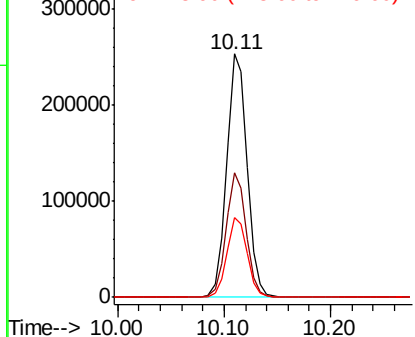
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010227.D
Acq: 11 Jun 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW312I-20190607

Tot Ion:117 Resp: 341473
Ion Ratio Lower Upper
117 100
82 51.0 49.2 73.8
119 32.5 25.2 37.8

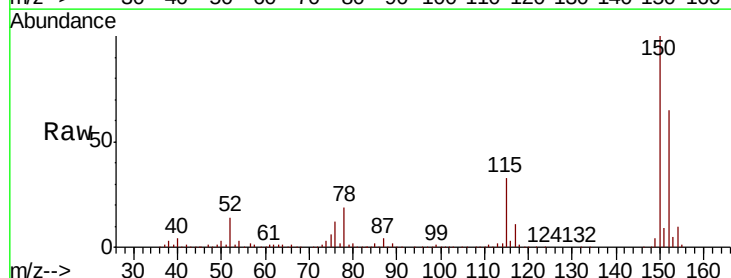


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

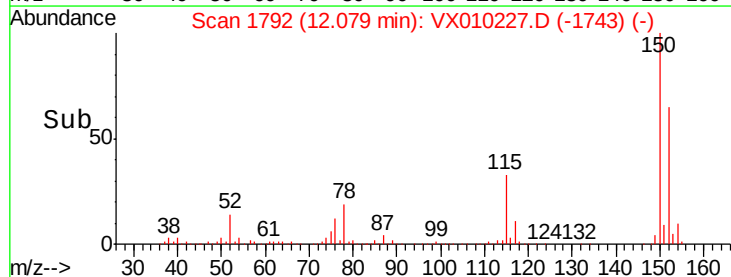
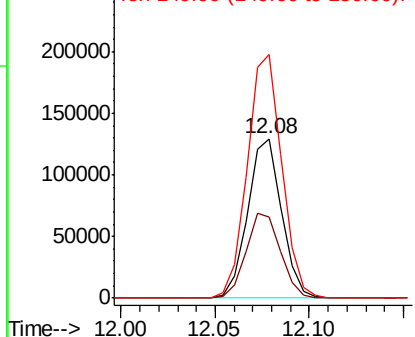


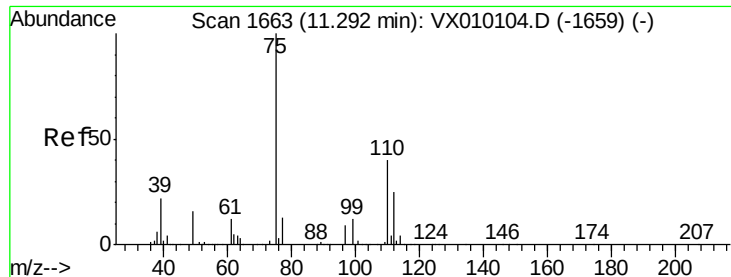
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010227.D
Acq: 11 Jun 2019 13:08

Tgt Ion:152 Resp: 161229
Ion Ratio Lower Upper
152 100
115 54.3 41.4 124.2
150 155.6 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: 21.711 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

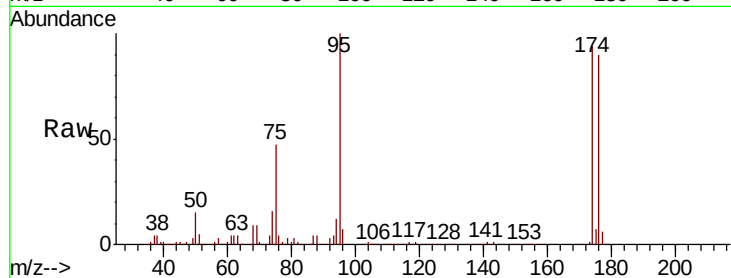
BPS1-TT-MW312I-20190607

Tot Ion: 75 Resp: 70016

Ion Ratio Lower Upper

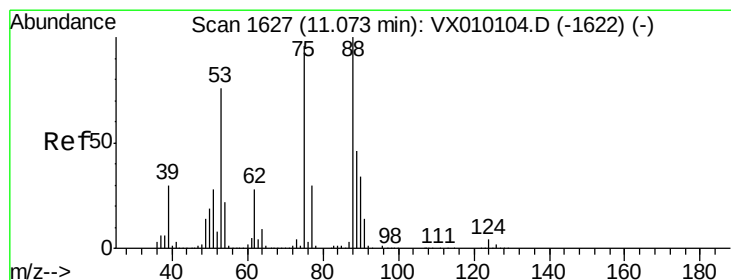
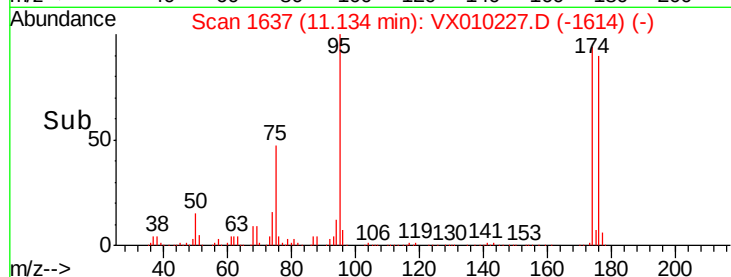
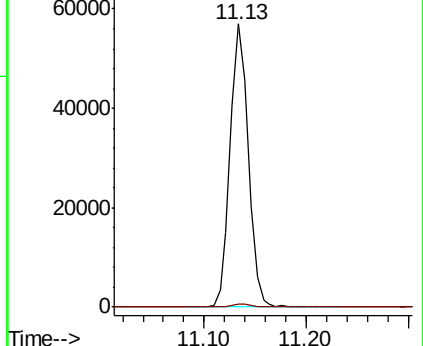
75 100

77 1.3 22.1 66.1#



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: 47.969 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010227.D

Acq: 11 Jun 2019 13:08

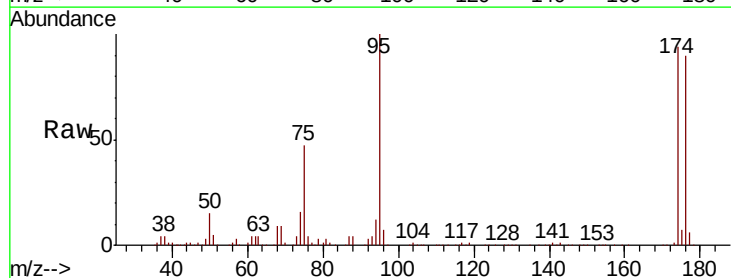
Tgt Ion: 75 Resp: 70016

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#



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

