

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004544.D
 Acq On : 14 Sep 2018 17:07
 Operator : JC/MD
 Sample : J4897-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-CLASS-DRUMS

Quant Time: Sep 17 15:08:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213749	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	178876	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.51	113	162694	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
50) Toluene-d8	8.71	98	573654	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	202808	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

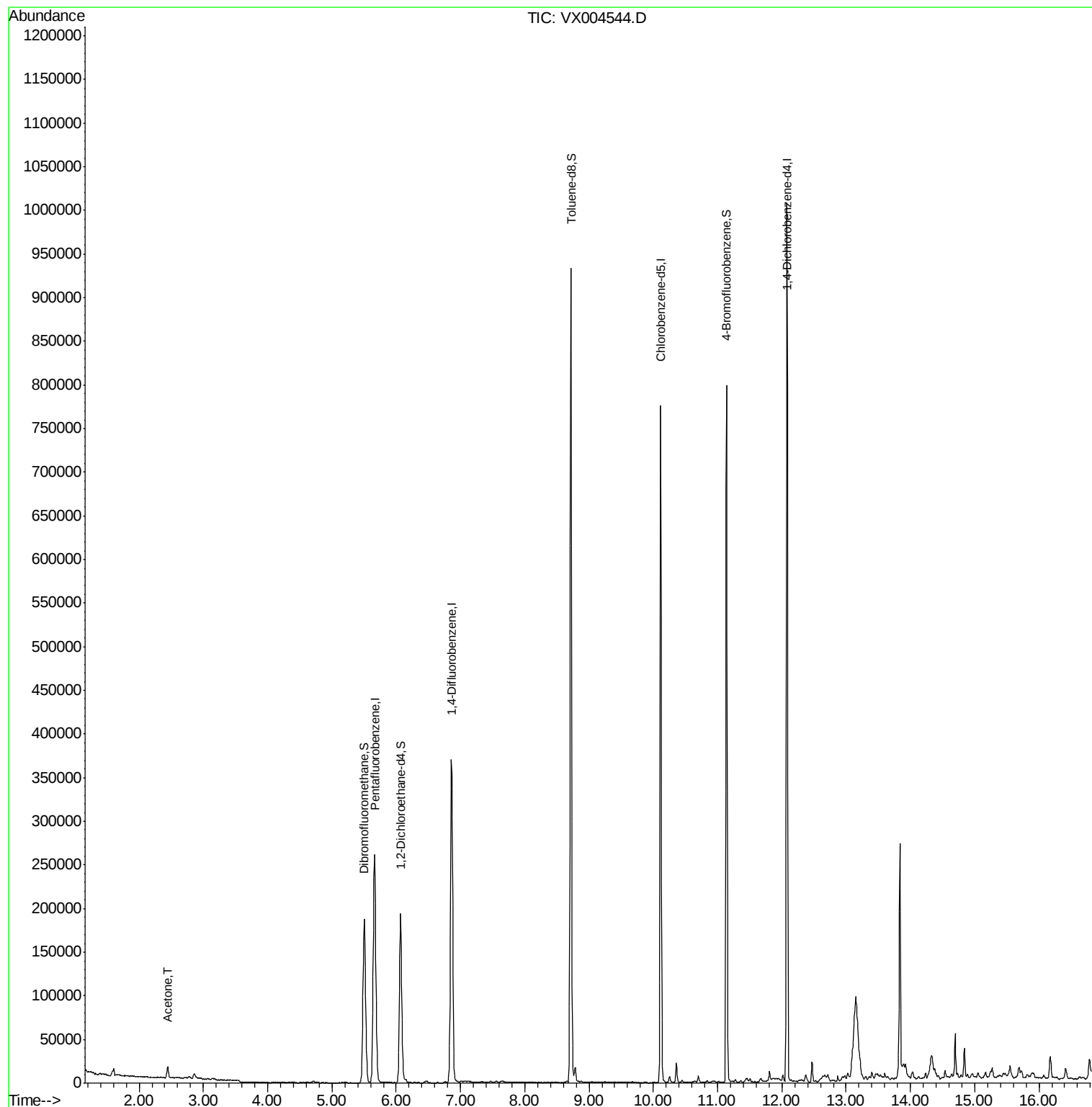
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12534	7.19	ug/l	97

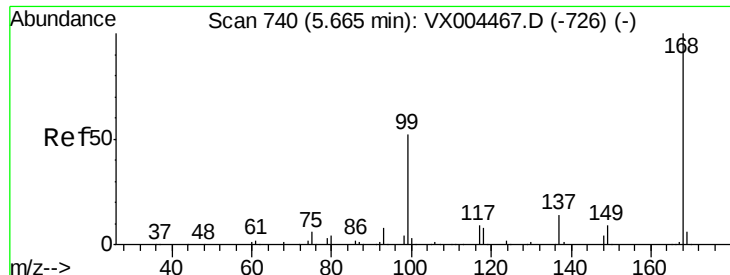
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

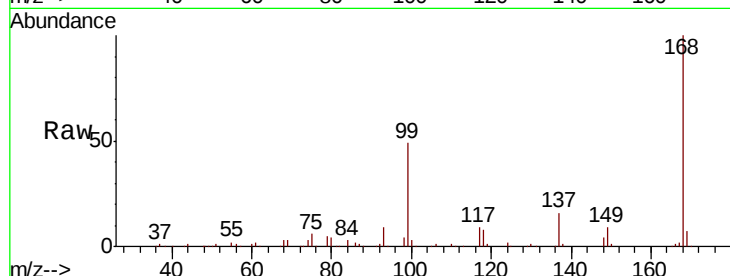
WASTE-CLASS-DRUMS

Tot Ion:168 Resp: 277024

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

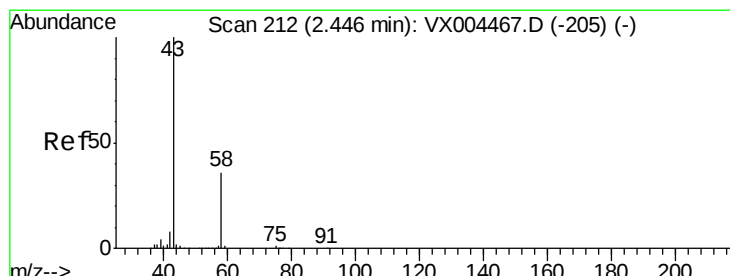
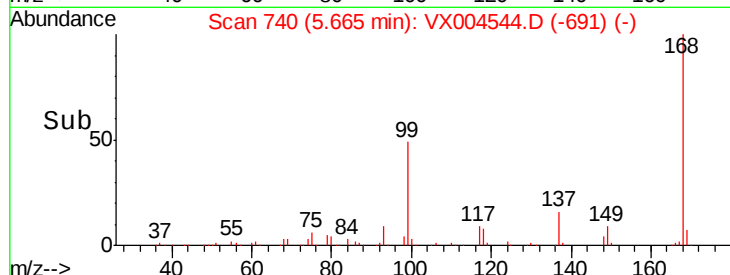
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.19 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004544.D

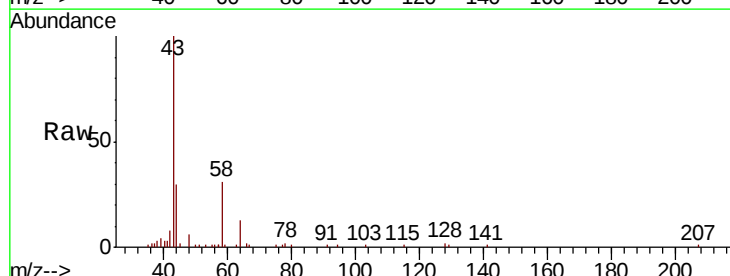
Acq: 14 Sep 2018 17:07

Tgt Ion: 43 Resp: 12534

Ion Ratio Lower Upper

43 100

58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

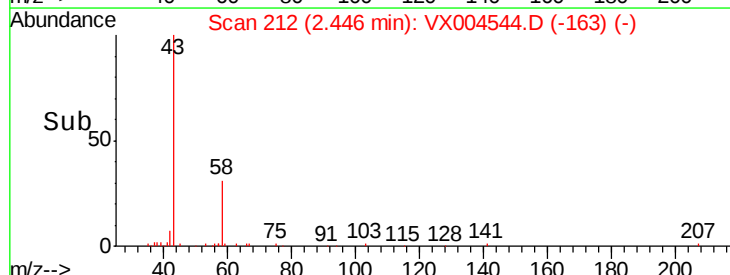
6000

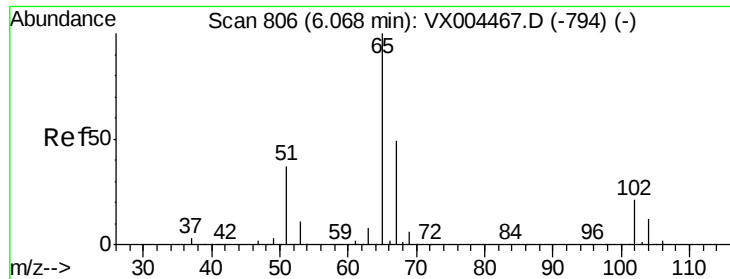
4000

2000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.08 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

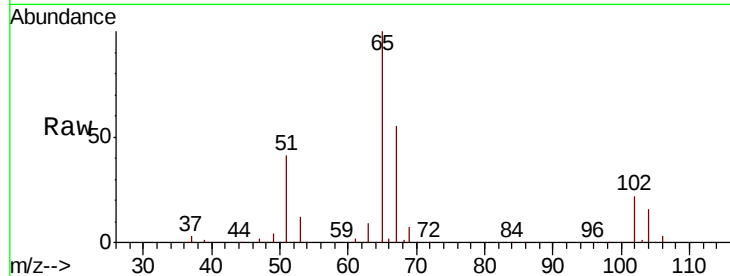
WASTE-CLASS-DRUMS

Tot Ion: 65 Resp: 178876

Ion Ratio Lower Upper

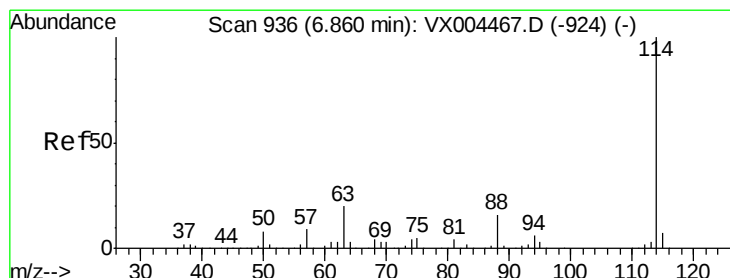
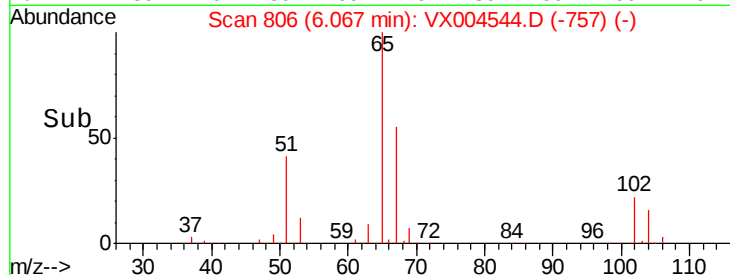
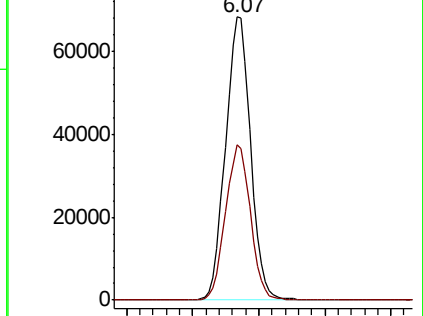
65 100

67 54.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

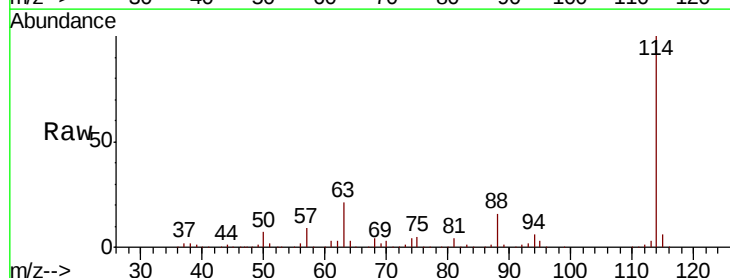
Tgt Ion: 114 Resp: 391981

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

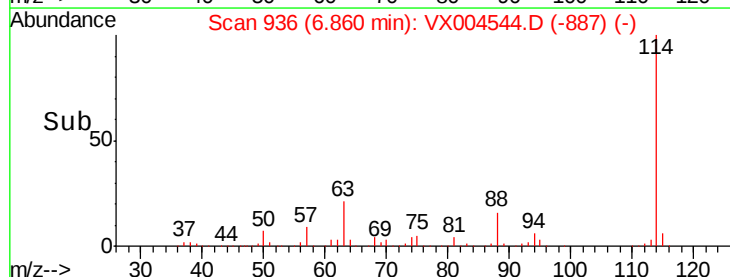
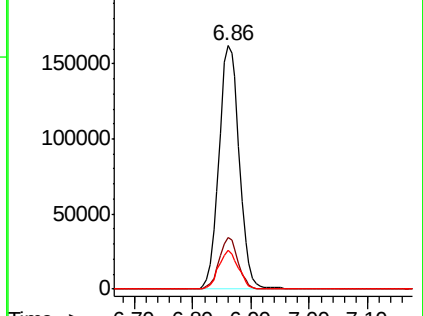
88 15.9 0.0 30.4

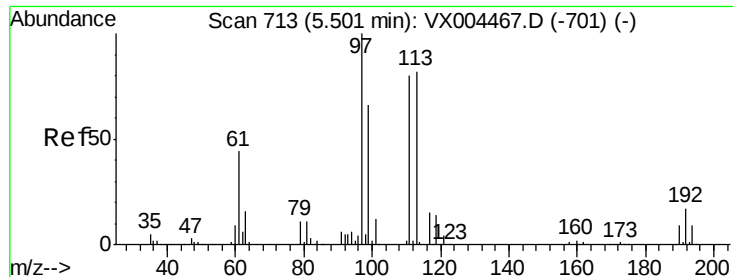


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

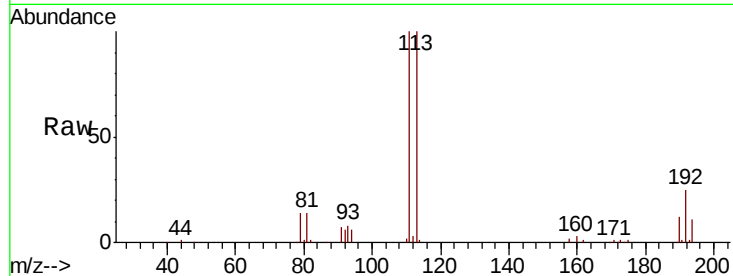




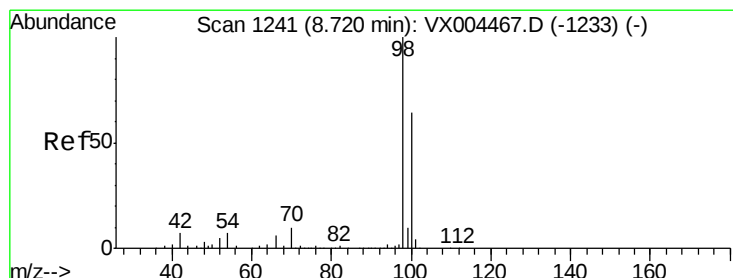
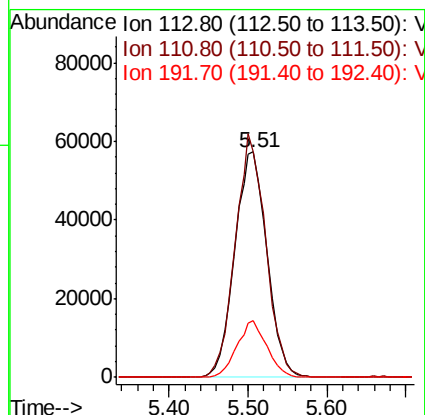
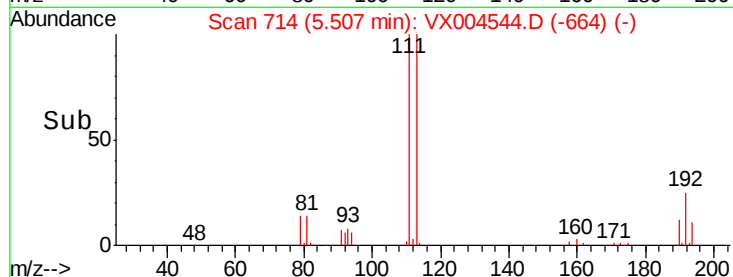
#35
 Dibromofluoromethane
 Concen: 45.36 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004544.D
 Acq: 14 Sep 2018 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-CLASS-DRUMS

Tot Ion:113 Resp: 162694
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 23.5 19.4 29.2

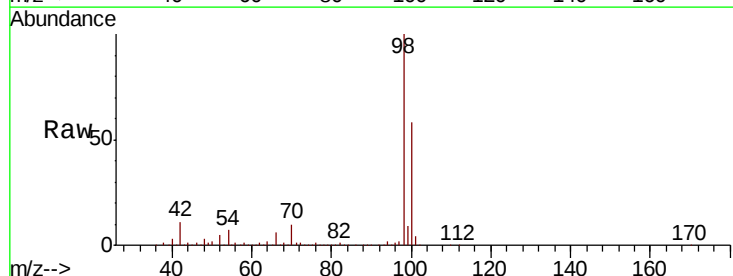


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

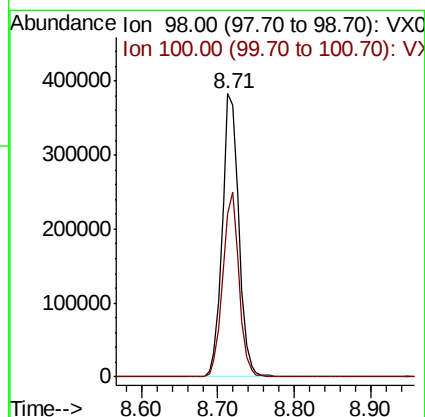
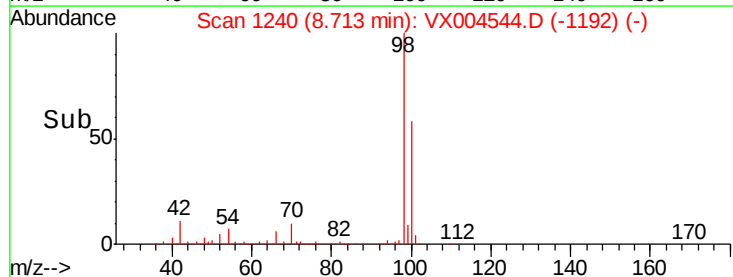


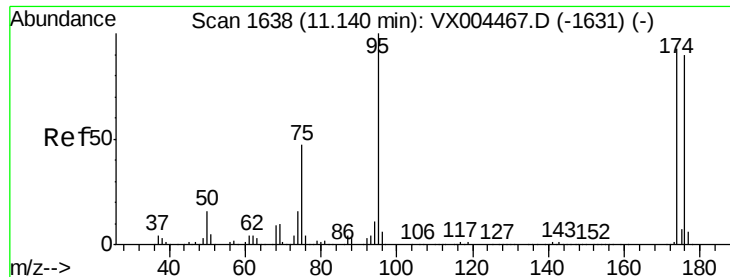
#50
 Toluene-d8
 Concen: 47.69 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004544.D
 Acq: 14 Sep 2018 17:07

Tgt Ion: 98 Resp: 573654
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 47.23 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

WASTE-CLASS-DRUMS

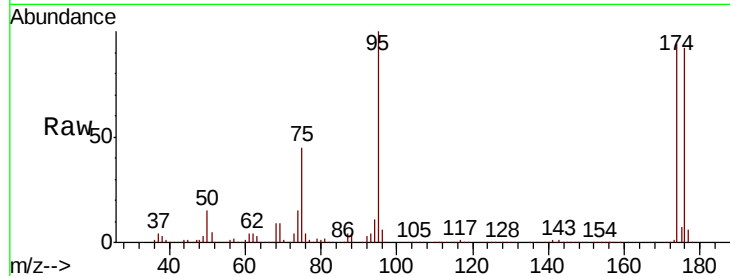
Tot Ion: 95 Resp: 202808

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

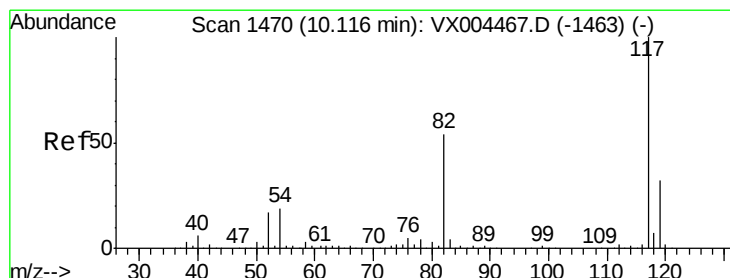
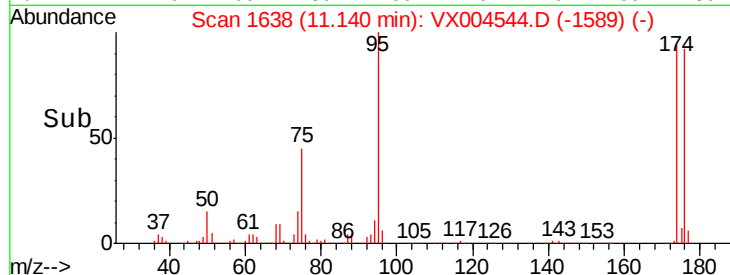
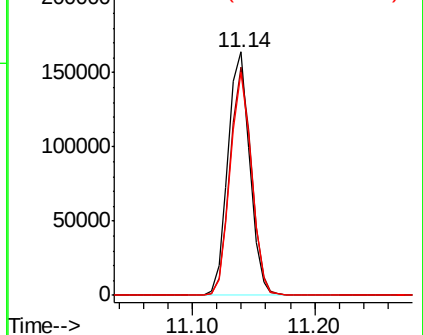
176 89.4 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

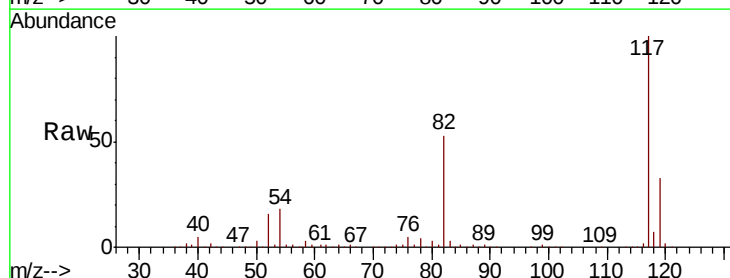
Tgt Ion: 117 Resp: 367591

Ion Ratio Lower Upper

117 100

82 53.1 47.8 71.6

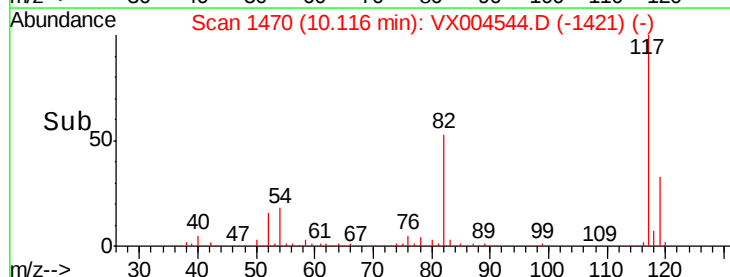
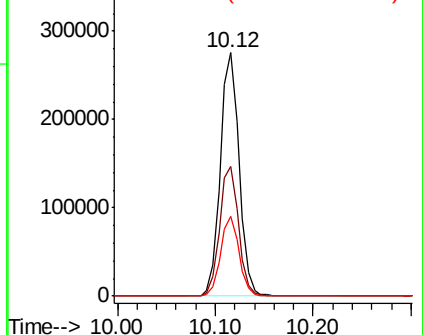
119 32.7 29.3 43.9

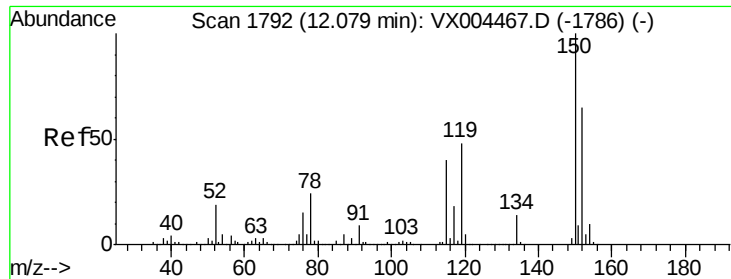


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004544.D

Acq: 14 Sep 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

WASTE-CLASS-DRUMS

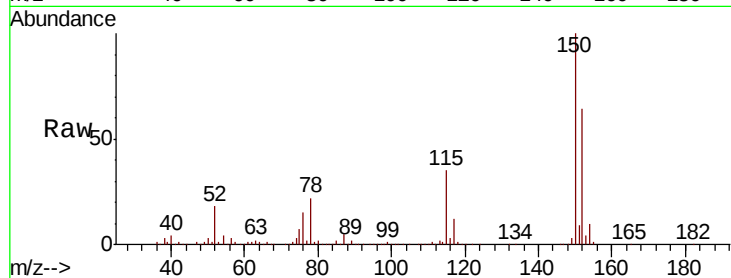
Tot Ion:152 Resp: 213749

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

150 156.0 0.0 351.0



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

