

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005498.D
 Acq On : 23 Oct 2018 04:33
 Operator : JC/MD
 Sample : J5621-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW-02

Quant Time: Oct 23 13:16:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

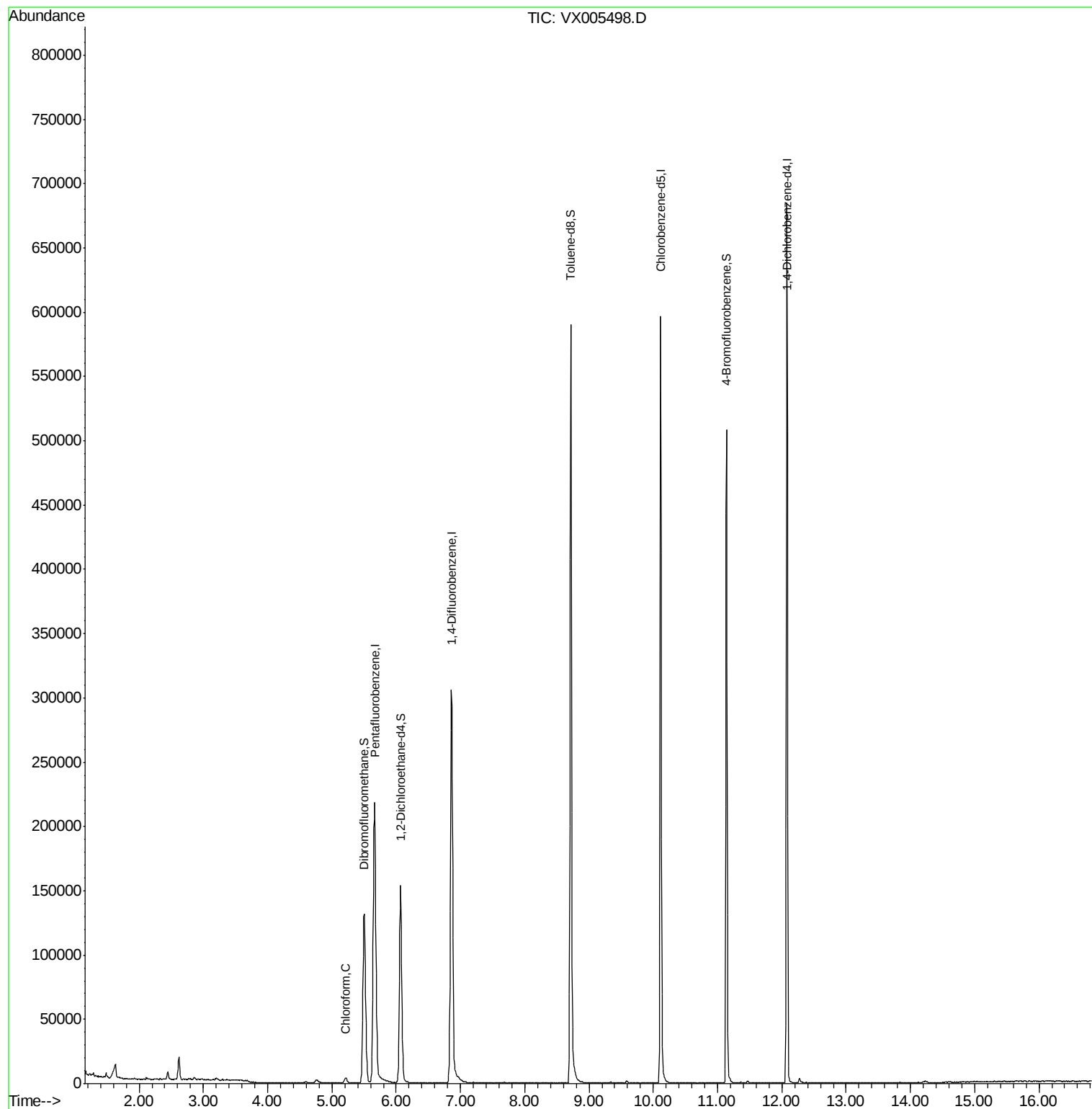
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141983	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	5.50	113	114186	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	8.71	98	382872	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.14	95	125314	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
30) Chloroform	5.22	83	4140	1.035	ug/l	Qvalue 96

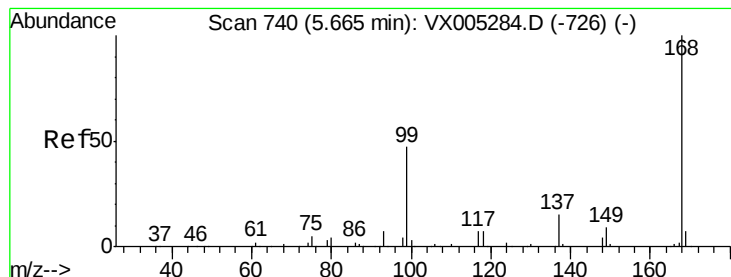
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

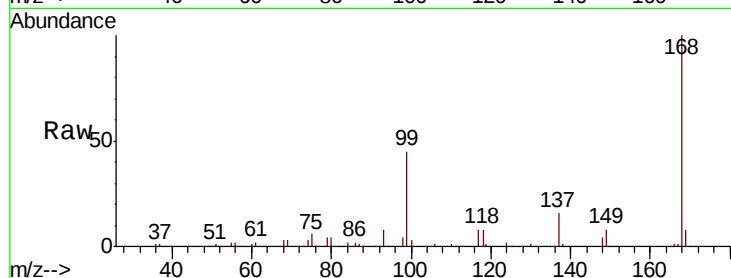
SA-SW-02

Tot Ion:168 Resp: 232831

Ion Ratio Lower Upper

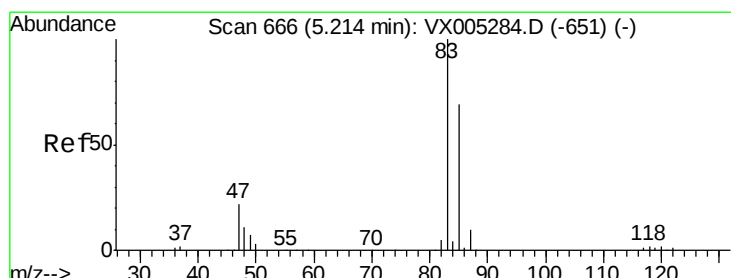
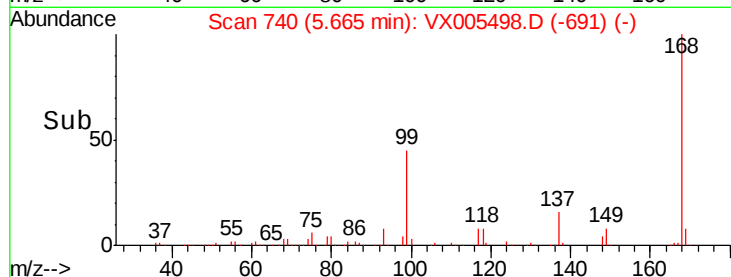
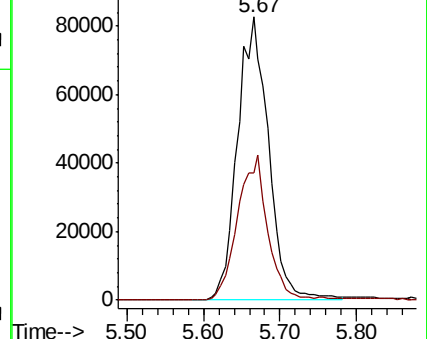
168 100

99 44.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 1.035 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005498.D

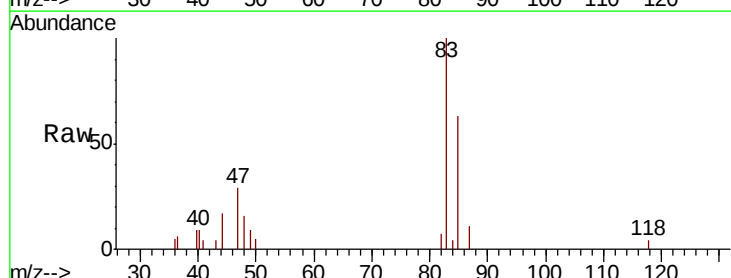
Acq: 23 Oct 2018 04:33

Tgt Ion: 83 Resp: 4140

Ion Ratio Lower Upper

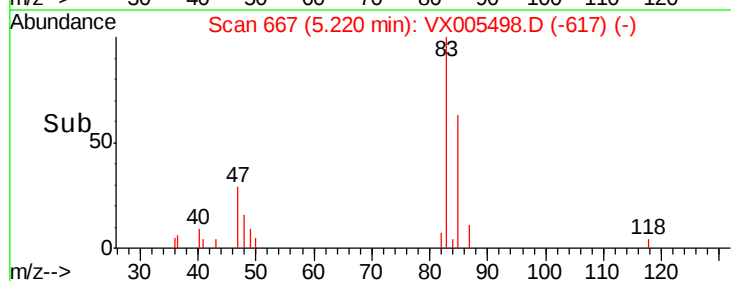
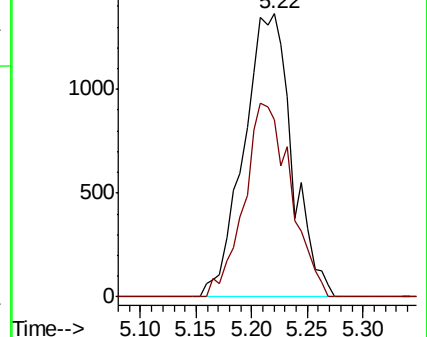
83 100

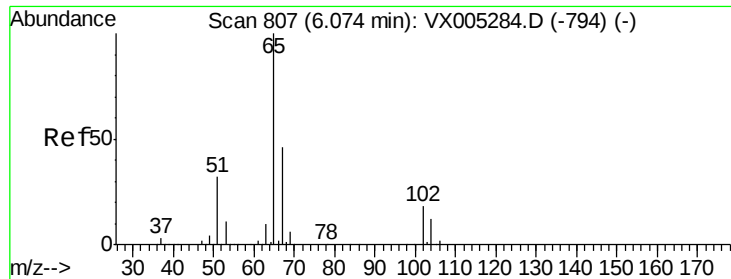
85 62.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.945 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

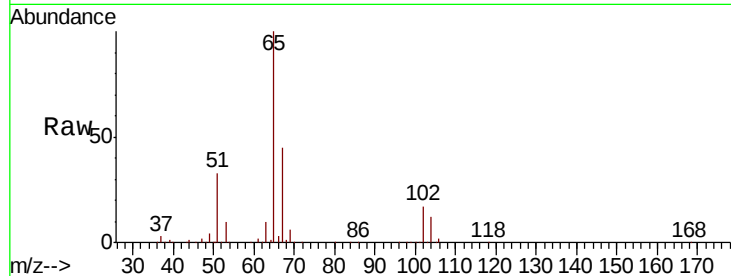
SA-SW-02

Tot Ion: 65 Resp: 141983

Ion Ratio Lower Upper

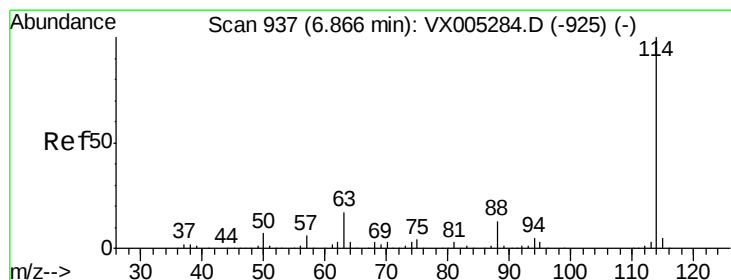
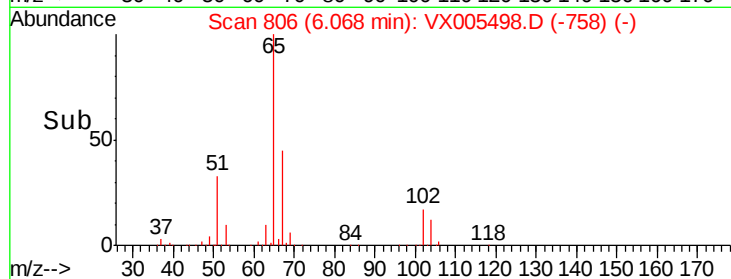
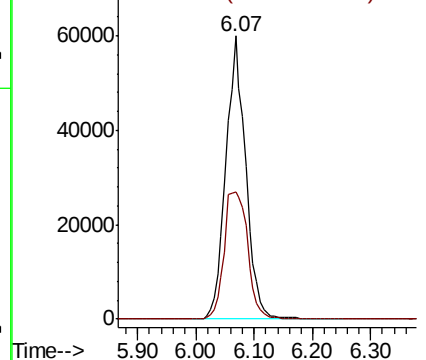
65 100

67 53.6 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: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

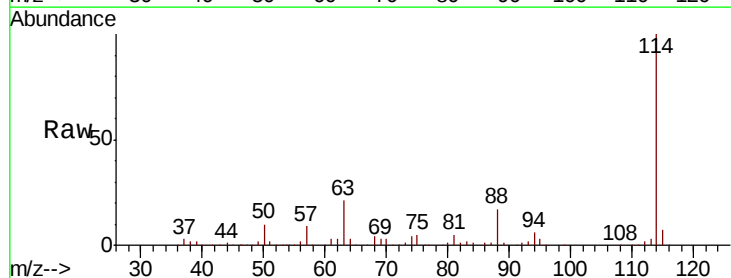
Tgt Ion: 114 Resp: 319146

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.0

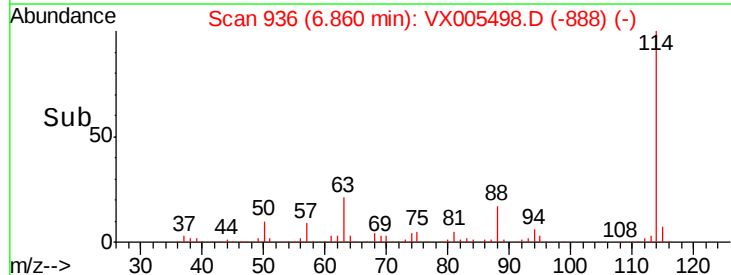
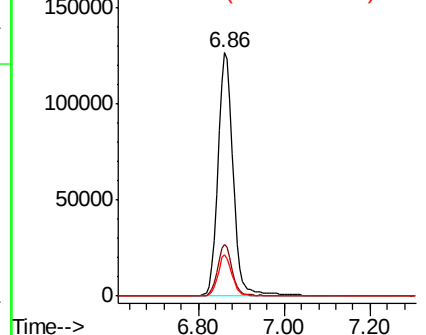
88 17.1 0.0 30.4

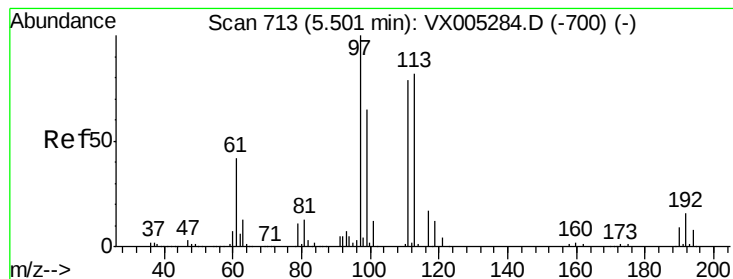


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.020 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

SA-SW-02

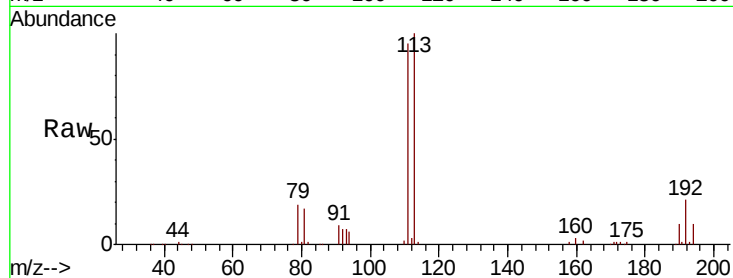
Tot Ion:113 Resp: 114186

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

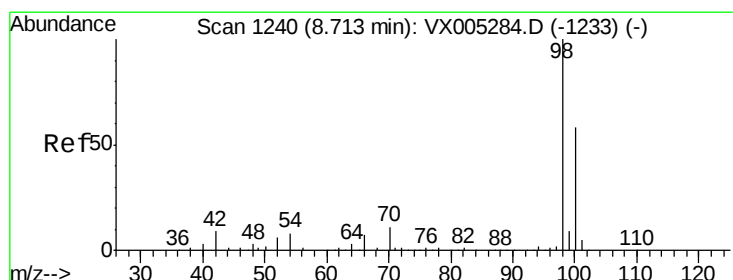
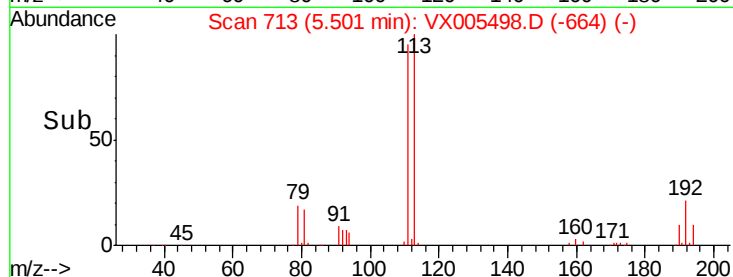
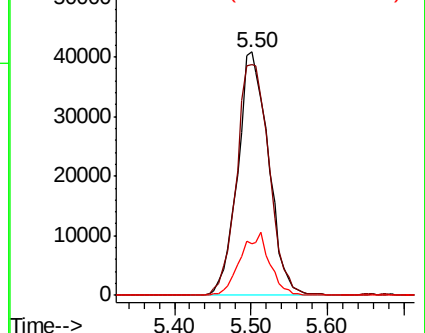
192 24.3 19.4 29.2



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: 52.761 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005498.D

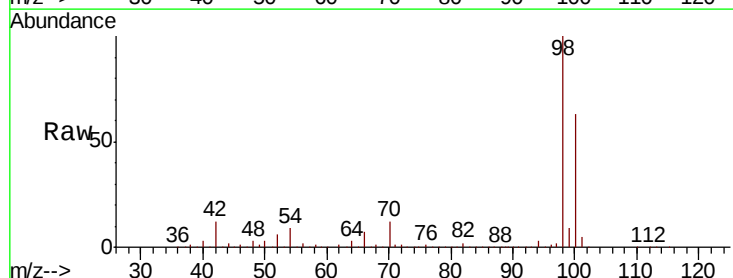
Acq: 23 Oct 2018 04:33

Tgt Ion: 98 Resp: 382872

Ion Ratio Lower Upper

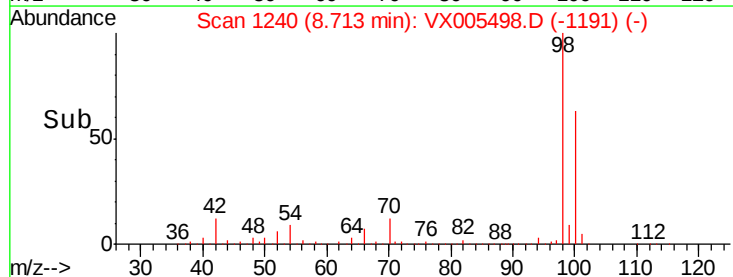
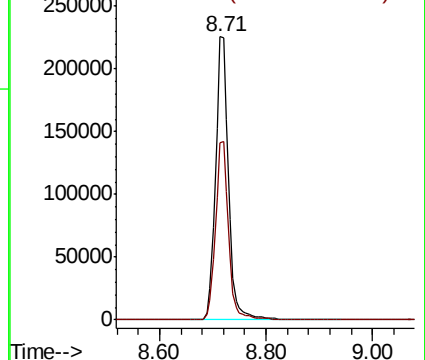
98 100

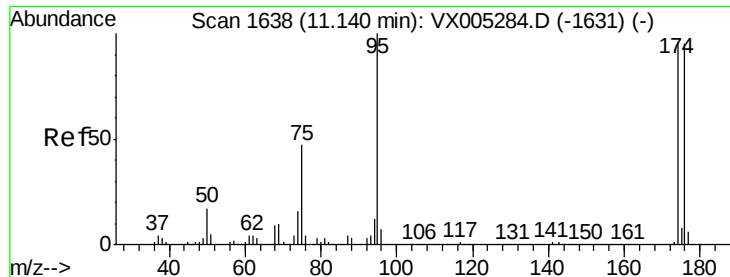
100 63.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.968 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

SA-SW-02

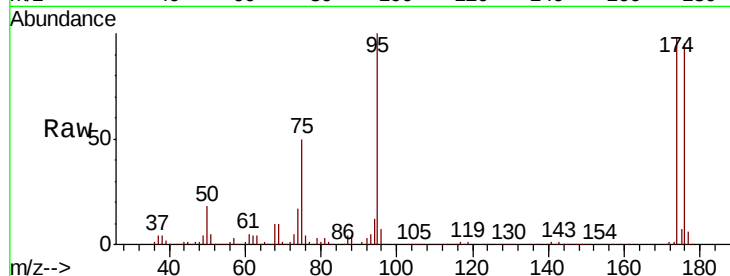
Tot Ion: 95 Resp: 125314

Ion Ratio Lower Upper

95 100

174 92.7 0.0 185.2

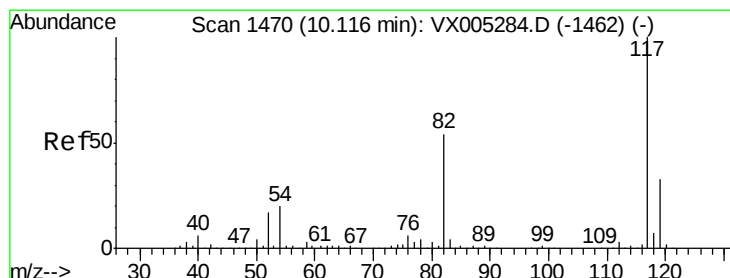
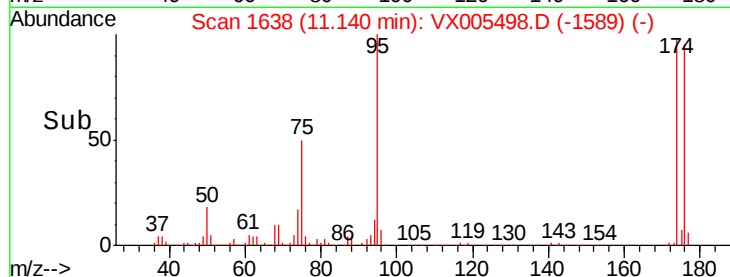
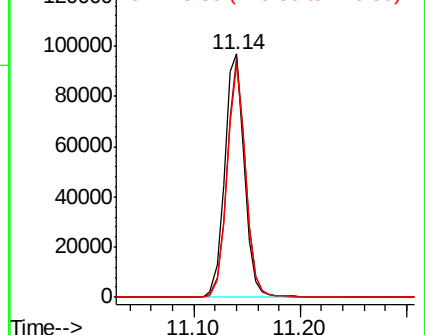
176 90.0 0.0 178.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

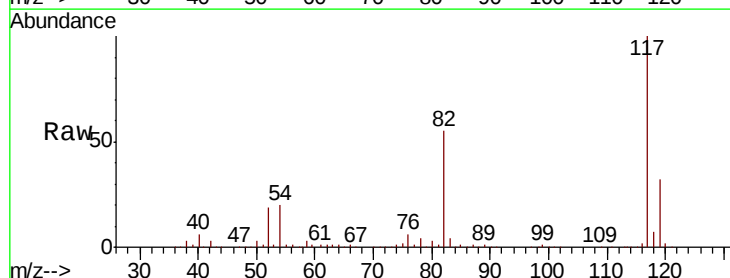
Tgt Ion: 117 Resp: 286364

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.6

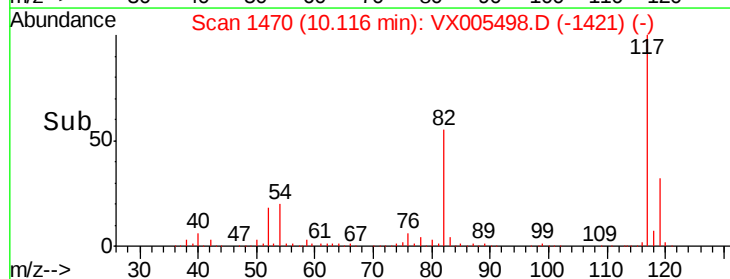
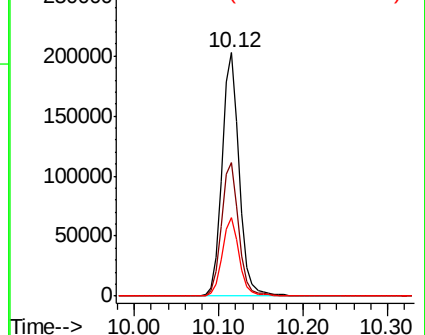
119 32.1 29.3 43.9

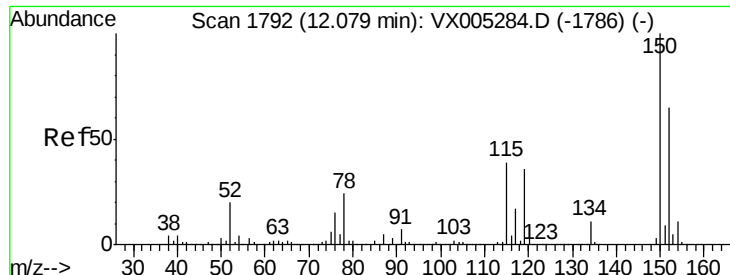


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005498.D

Acq: 23 Oct 2018 04:33

Instrument :

MSVOA_X

ClientSampleId :

SA-SW-02

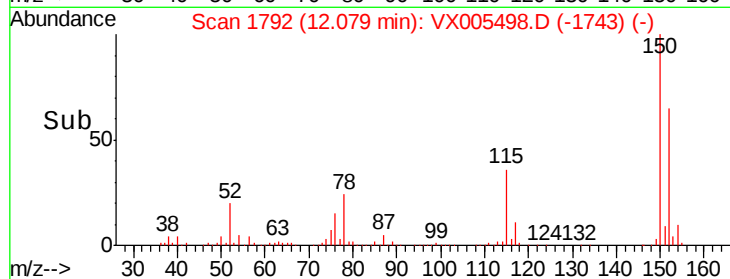
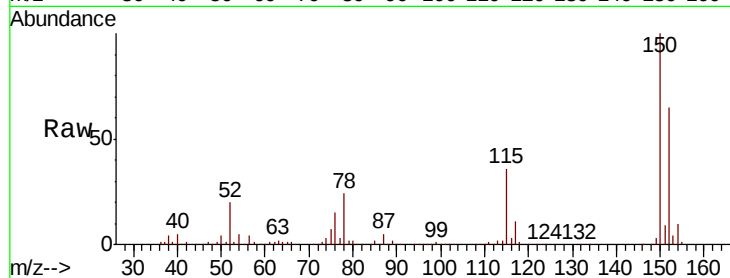
Tot Ion:152 Resp: 137950

Ion Ratio Lower Upper

152 100

115 55.4 39.0 117.0

150 155.4 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

