

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006372.D
 Acq On : 10 Dec 2018 16:12
 Operator : JC/MD
 Sample : J6321-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20181207

Quant Time: Dec 11 04:31:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

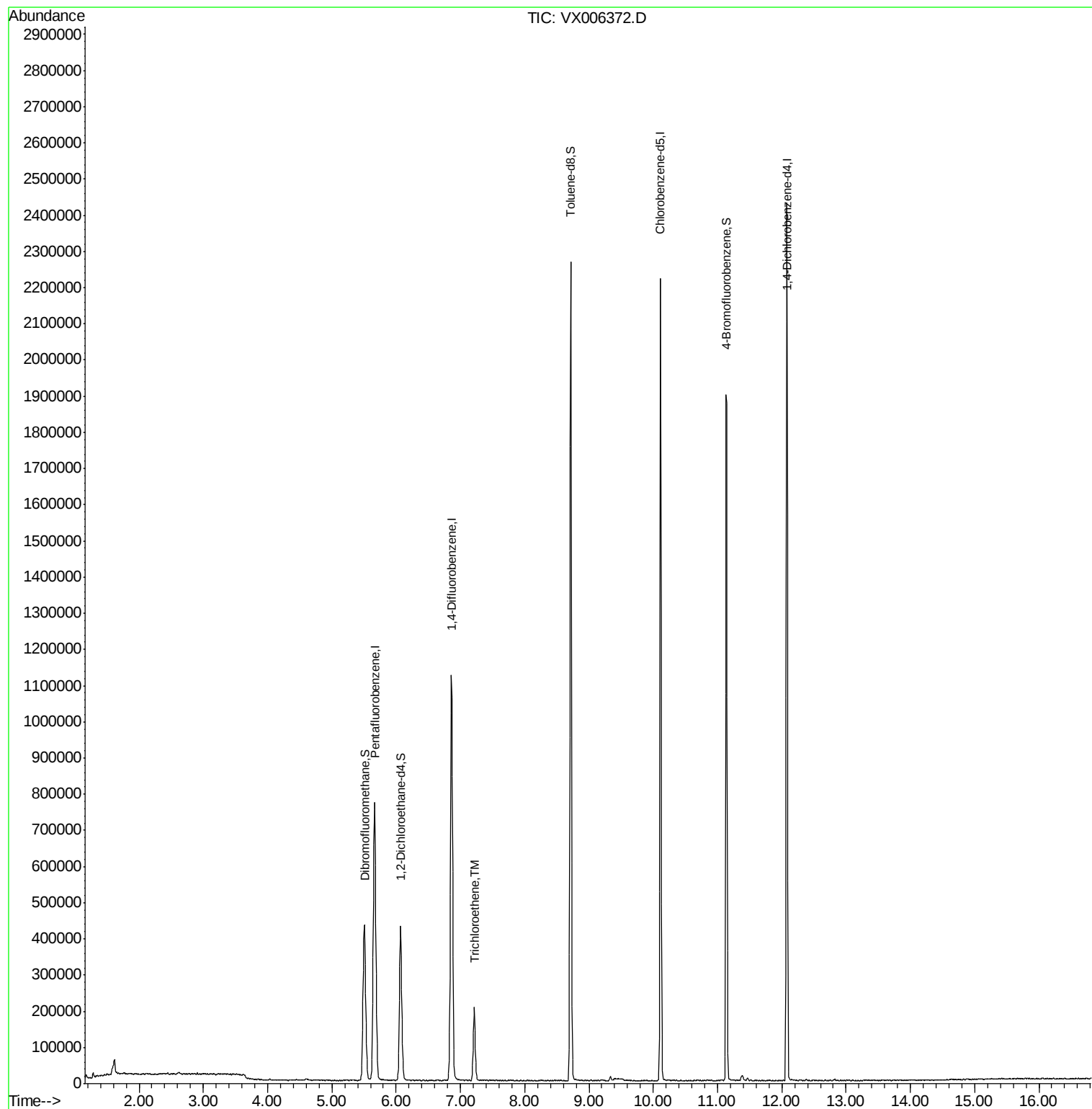
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	801551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1222003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1101896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	528033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	398456	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	5.51	113	376511	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	1409580	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	524280	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
44) Trichloroethene	7.21	130	83730	8.968	ug/l	Qvalue 99

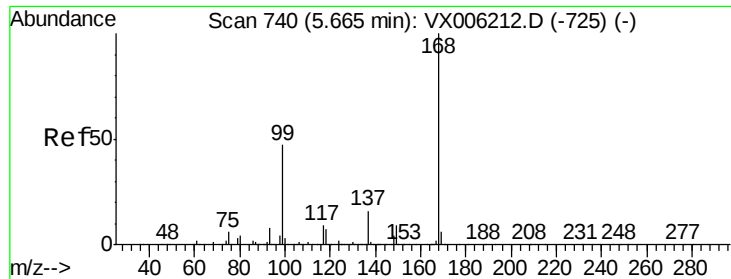
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006372.D

Acq: 10 Dec 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

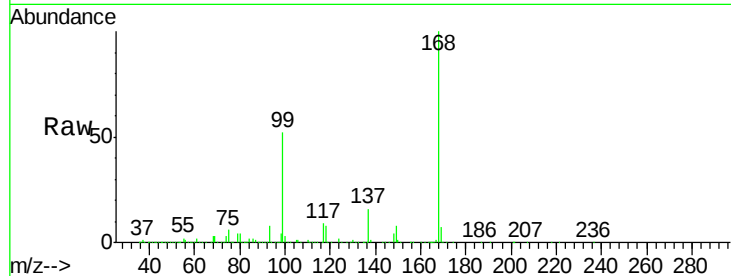
RE123D1-20181207

Tot Ion:168 Resp: 801551

Ion Ratio Lower Upper

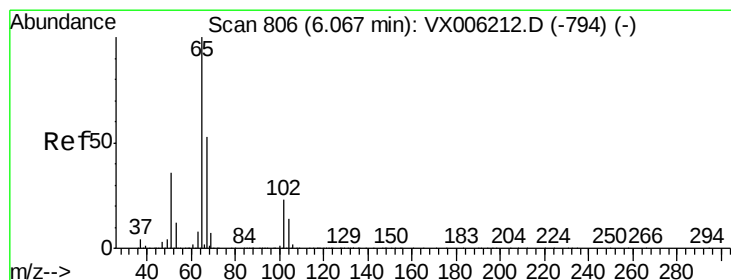
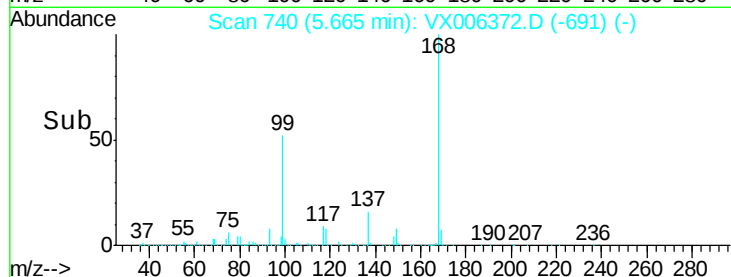
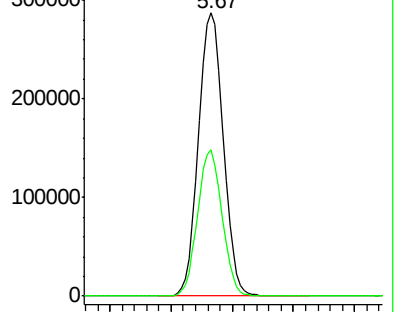
168 100

99 51.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.696 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006372.D

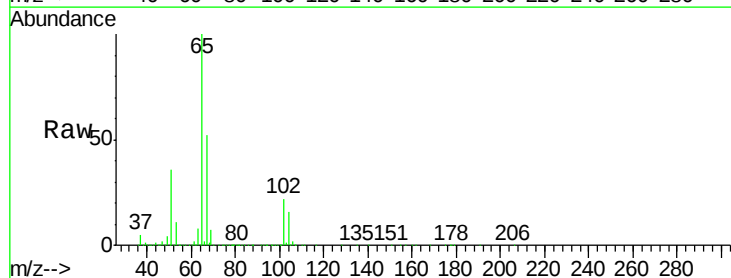
Acq: 10 Dec 2018 16:12

Tgt Ion: 65 Resp: 398456

Ion Ratio Lower Upper

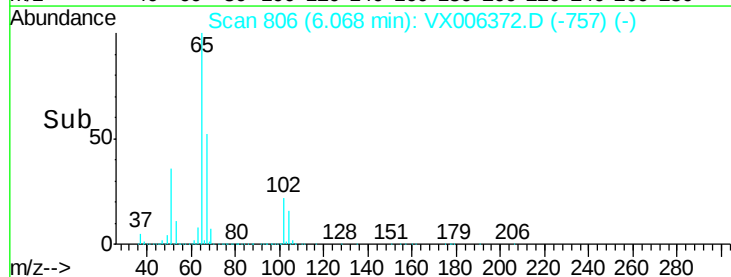
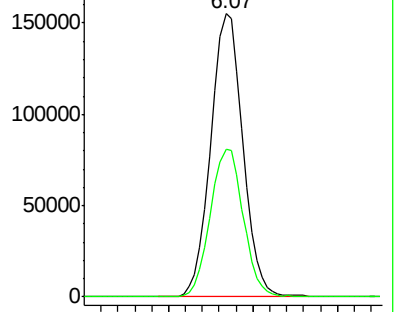
65 100

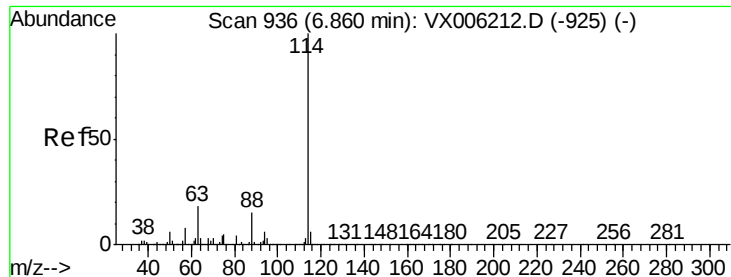
67 53.9 0.0 107.2



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: VX006372.D

Acq: 10 Dec 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20181207

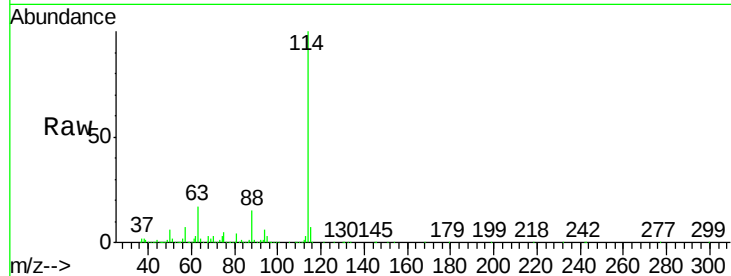
Tot Ion:114 Resp: 1222003

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

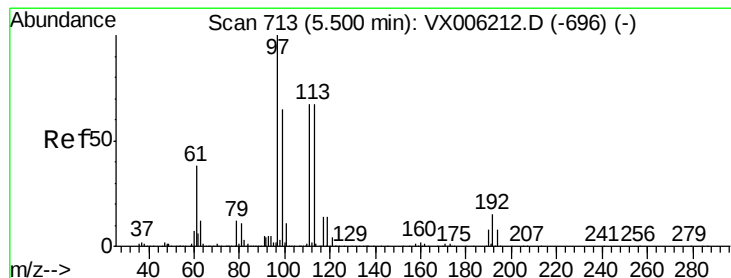
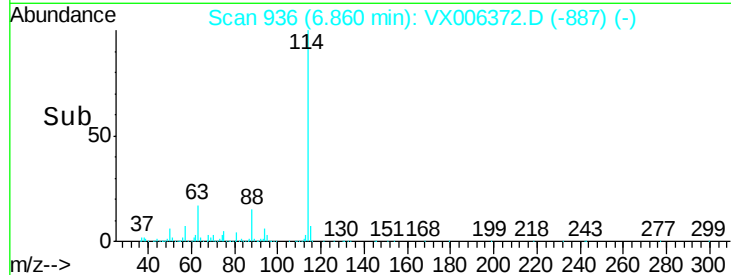
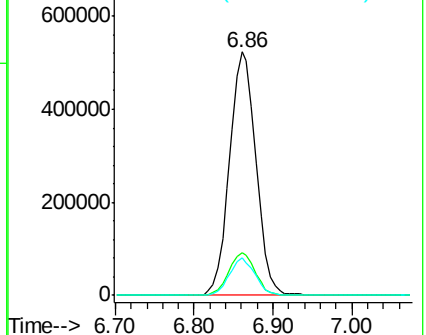
88 15.5 0.0 29.0



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: 47.587 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006372.D

Acq: 10 Dec 2018 16:12

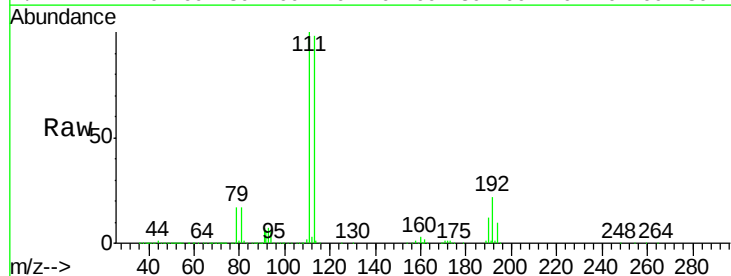
Tgt Ion:113 Resp: 376511

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

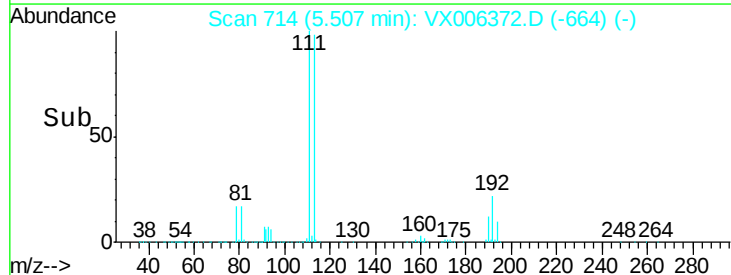
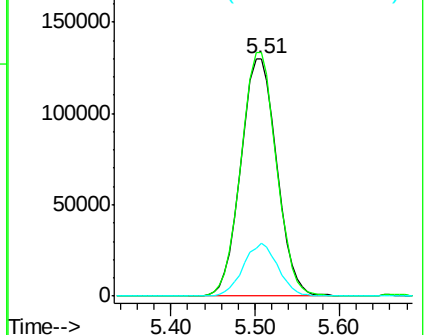
192 21.5 18.2 27.2

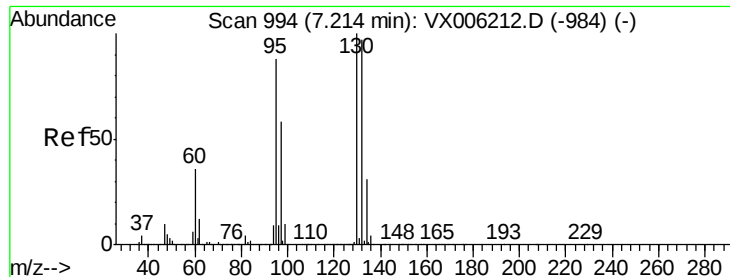


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.968 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006372.D

Acq: 10 Dec 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

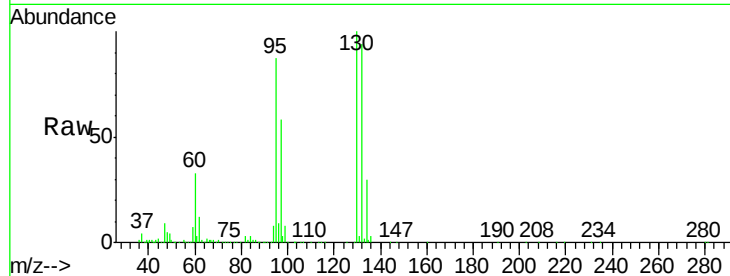
RE123D1-20181207

Tot Ion:130 Resp: 83730

Ion Ratio Lower Upper

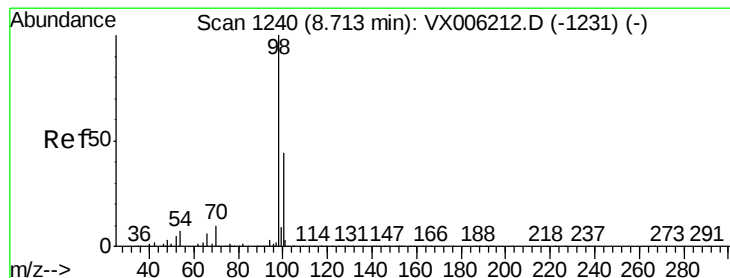
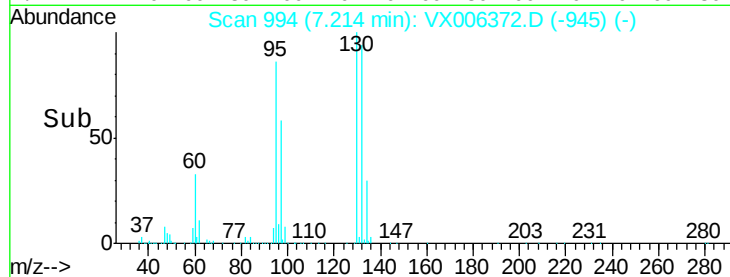
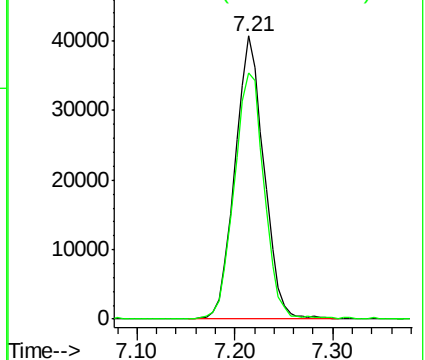
130 100

95 86.9 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.979 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006372.D

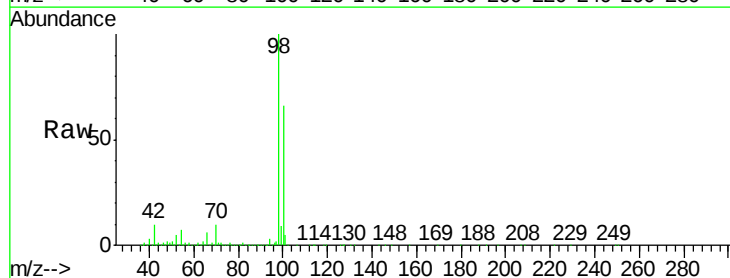
Acq: 10 Dec 2018 16:12

Tgt Ion: 98 Resp: 1409580

Ion Ratio Lower Upper

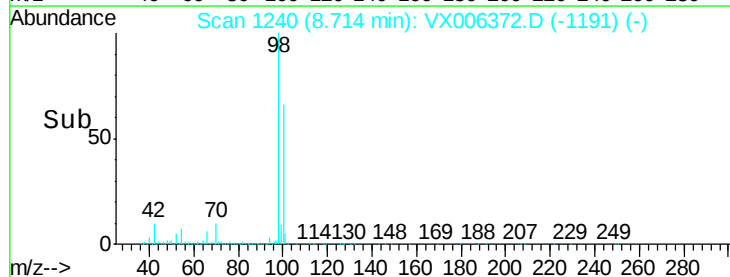
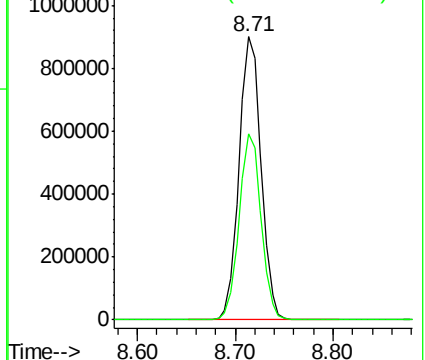
98 100

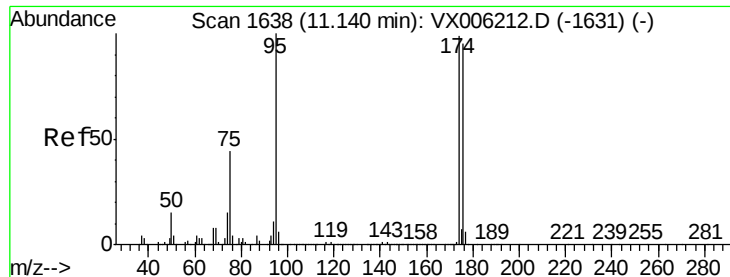
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006372.D

Acq: 10 Dec 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20181207

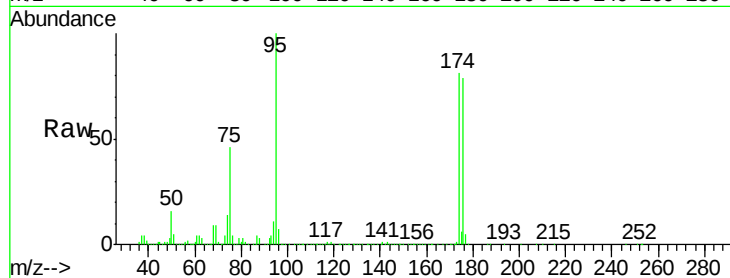
Tot Ion: 95 Resp: 524280

Ion Ratio Lower Upper

95 100

174 88.3 0.0 187.0

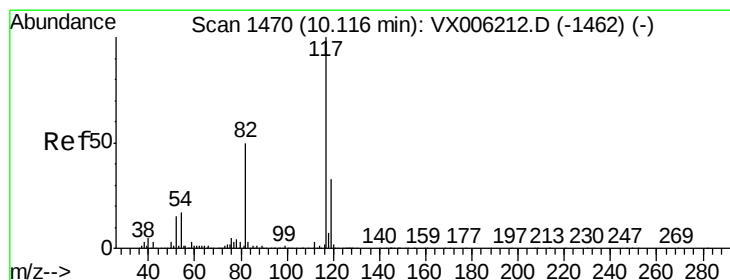
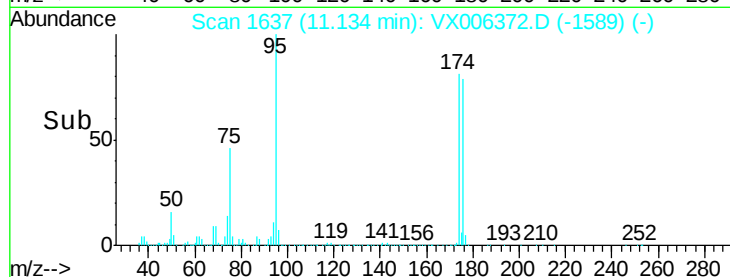
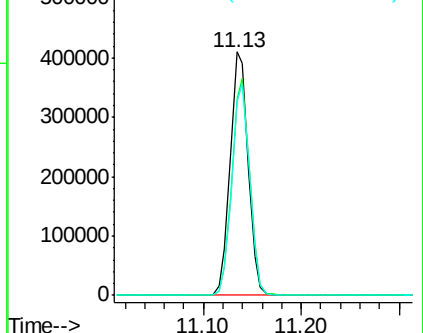
176 85.6 0.0 181.8



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: VX006372.D

Acq: 10 Dec 2018 16:12

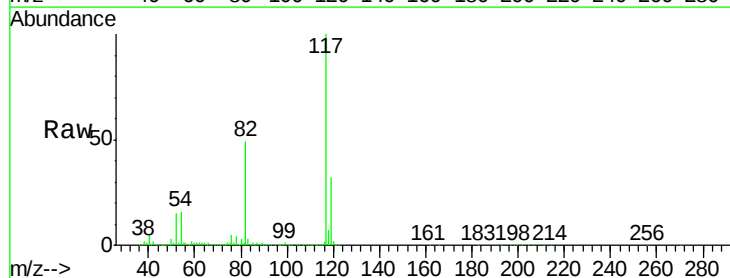
Tgt Ion: 117 Resp: 1101896

Ion Ratio Lower Upper

117 100

82 48.7 39.6 59.4

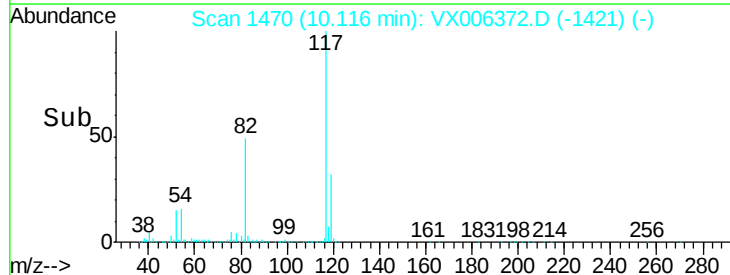
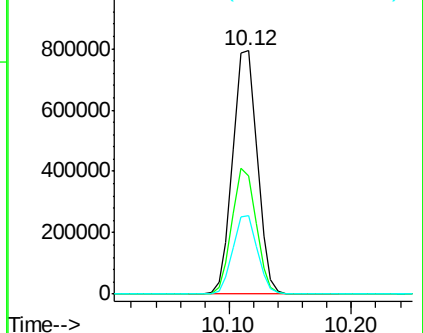
119 32.4 26.3 39.5

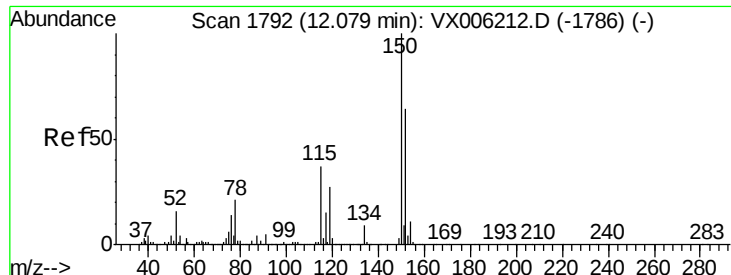


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006372.D

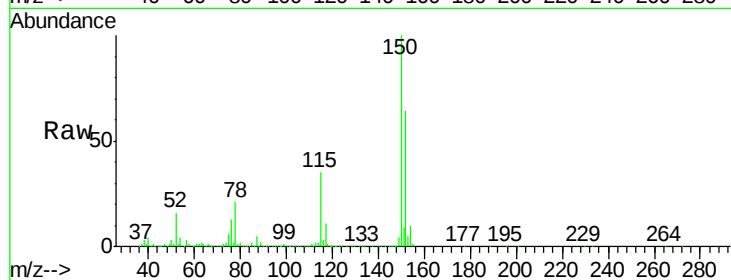
Acq: 10 Dec 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20181207



Tot Ion:	152	Resp:	528033
Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.0	116.9
150	157.1	0.0	345.8

