

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006716.D
 Acq On : 21 Dec 2018 11:56
 Operator : JC/MD
 Sample : J6514-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0500

Quant Time: Dec 22 04:24:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

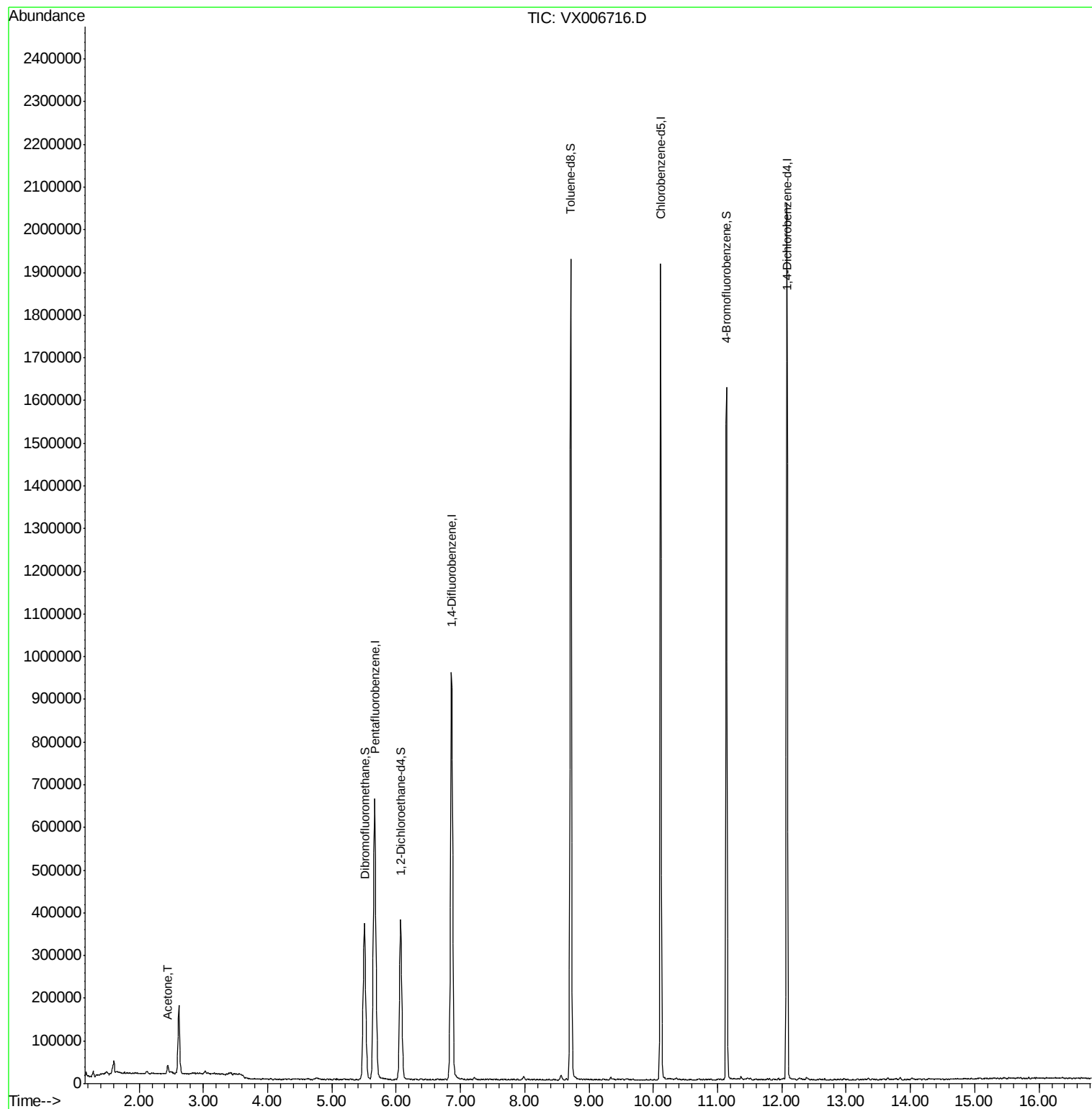
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	669055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1032934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	928640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	349993	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	5.50	113	312259	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1208532	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.14	95	430550	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
16) Acetone	2.45	43	23418	7.069	ug/l	Qvalue 96

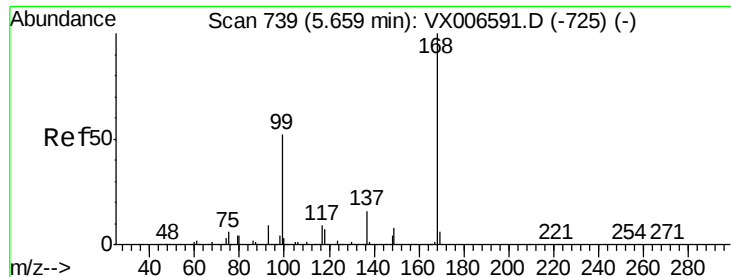
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

Instrument :

MSVOA_X

ClientSampleId :

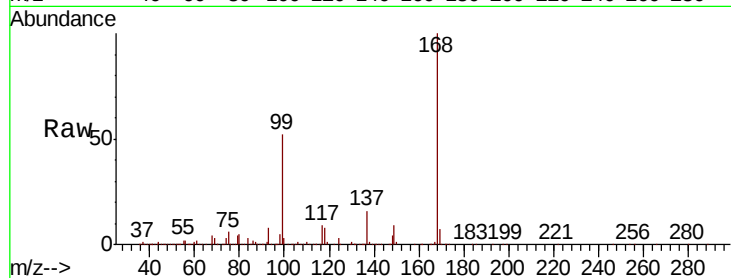
S49-0500

Tot Ion:168 Resp: 669055

Ion Ratio Lower Upper

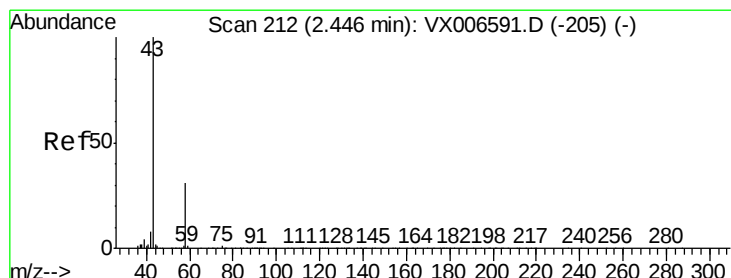
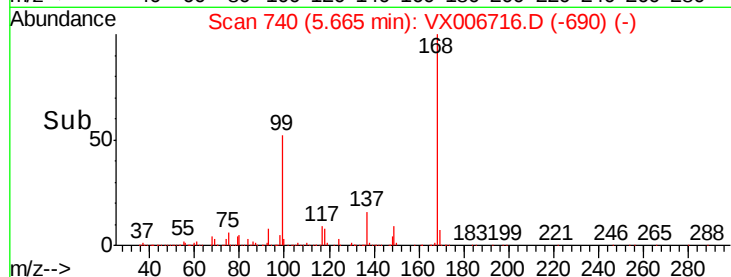
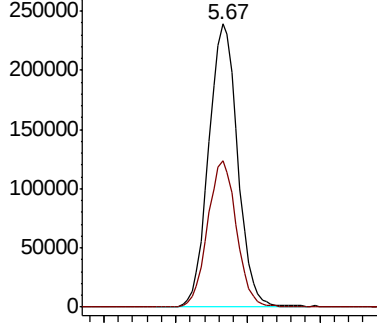
168 100

99 51.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.069 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006716.D

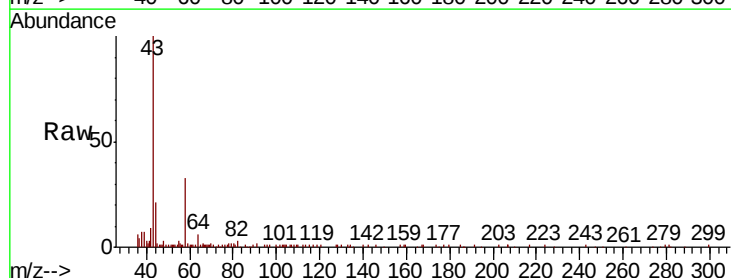
Acq: 21 Dec 2018 11:56

Tgt Ion: 43 Resp: 23418

Ion Ratio Lower Upper

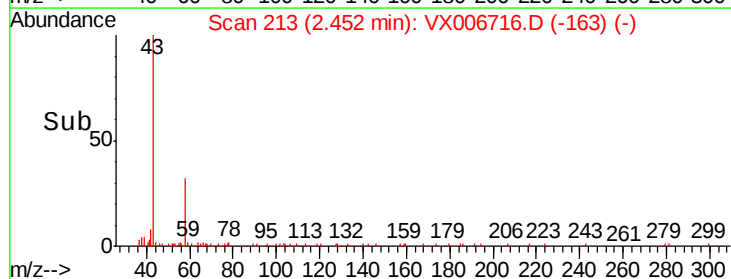
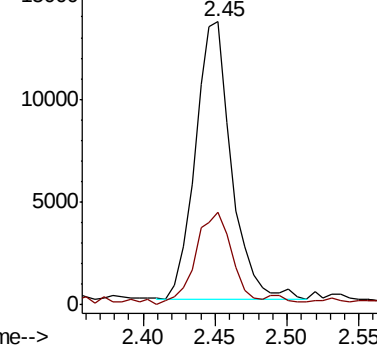
43 100

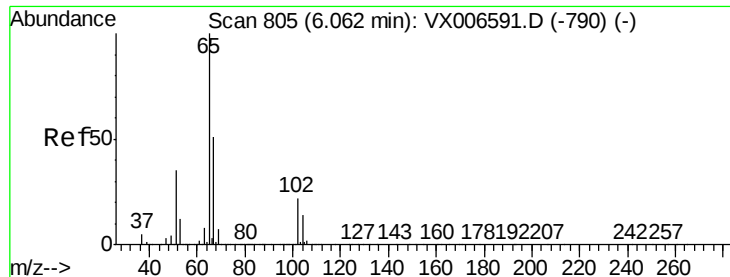
58 33.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

Instrument :

MSVOA_X

ClientSampleId :

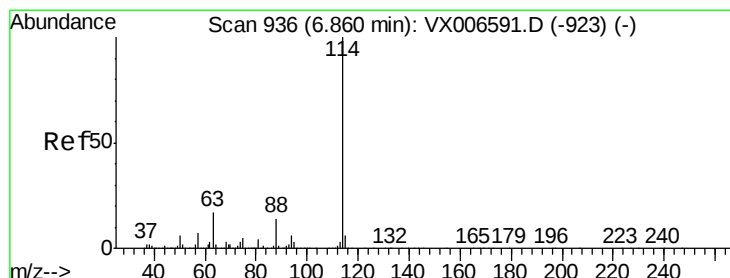
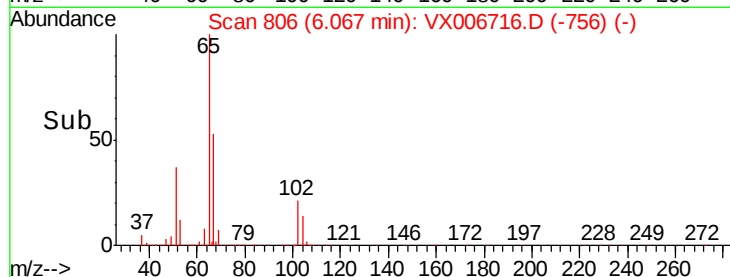
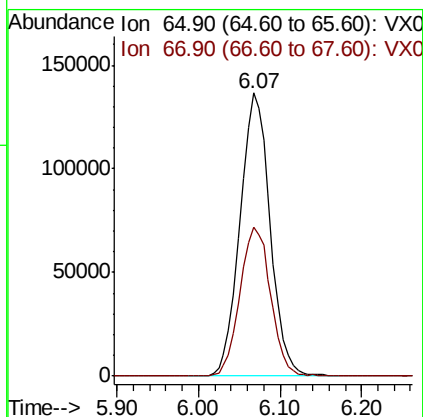
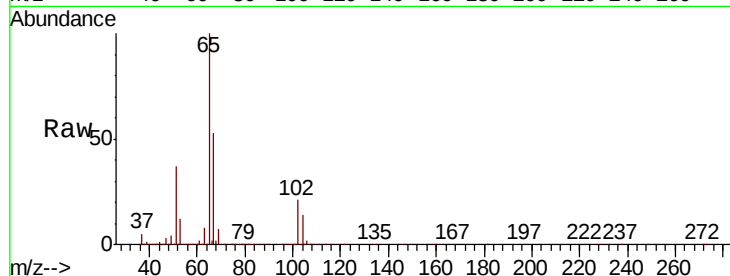
S49-0500

Tot Ion: 65 Resp: 349993

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

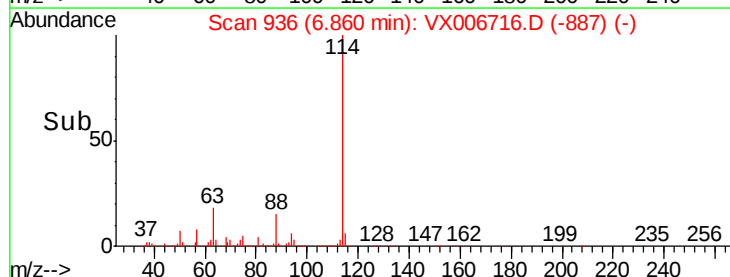
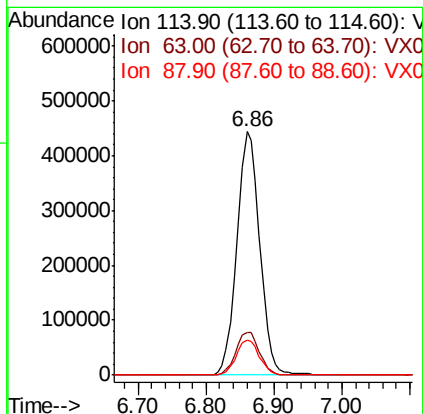
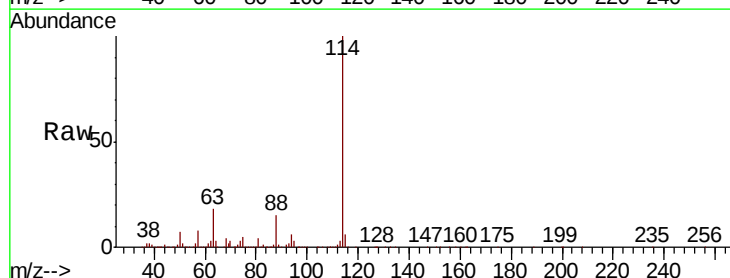
Tgt Ion: 114 Resp: 1032934

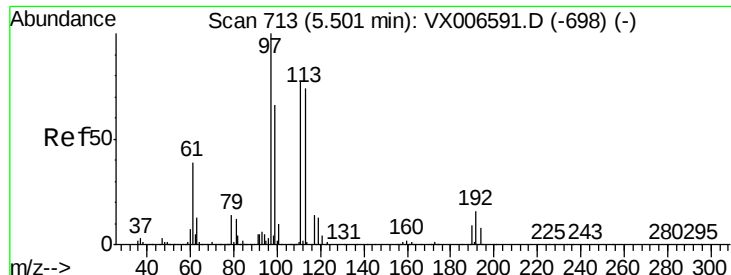
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.804 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

Instrument :

MSVOA_X

ClientSampled :

S49-0500

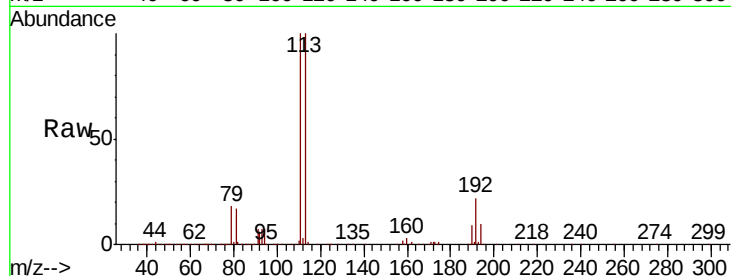
Tot Ion:113 Resp: 312259

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

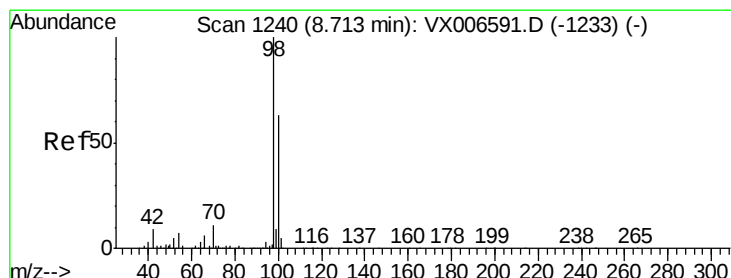
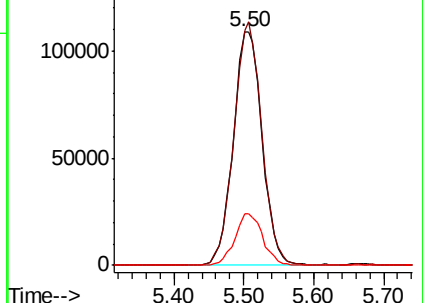
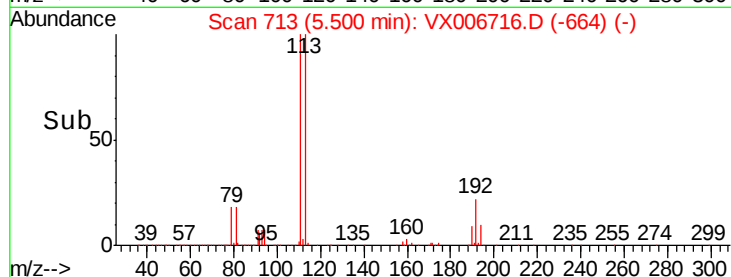
192 21.3 16.7 25.1



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: 49.075 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006716.D

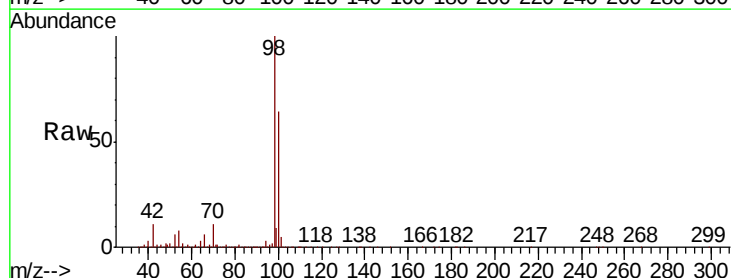
Acq: 21 Dec 2018 11:56

Tgt Ion: 98 Resp: 1208532

Ion Ratio Lower Upper

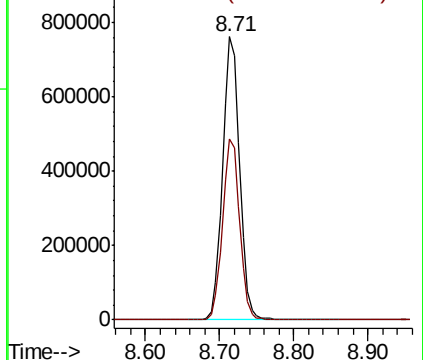
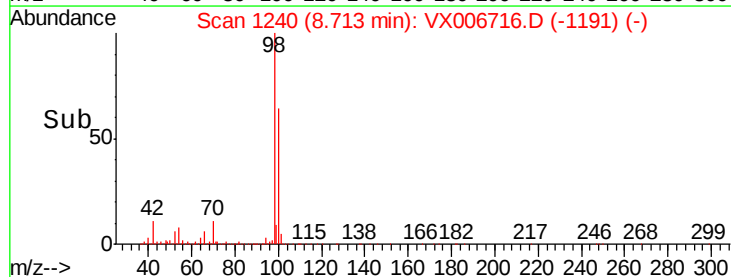
98 100

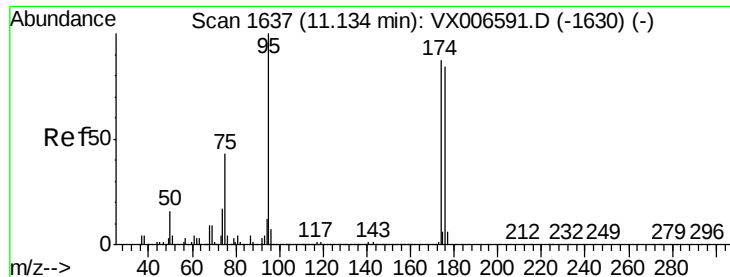
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.737 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

Instrument :

MSVOA_X

ClientSampleId :

S49-0500

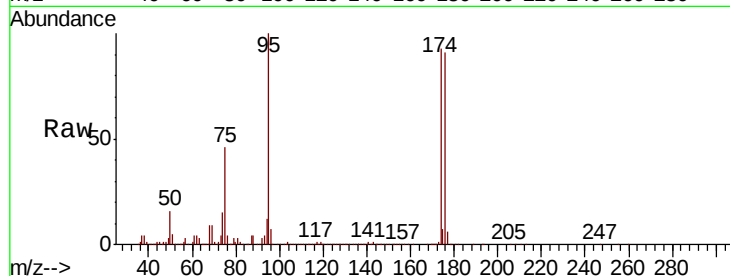
Tot Ion: 95 Resp: 430550

Ion Ratio Lower Upper

95 100

174 87.2 0.0 182.2

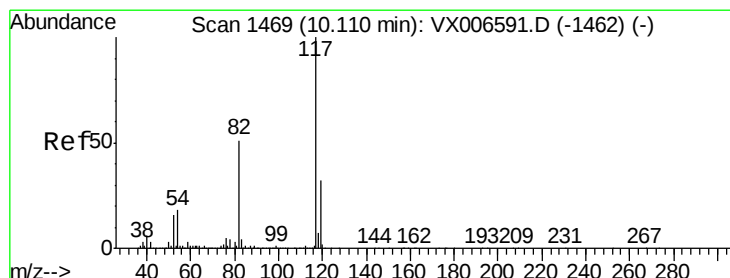
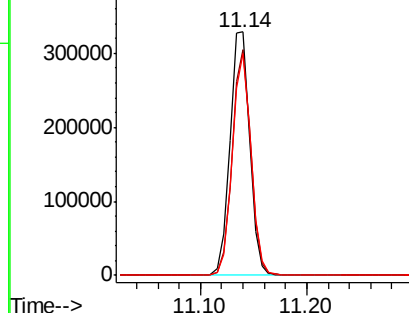
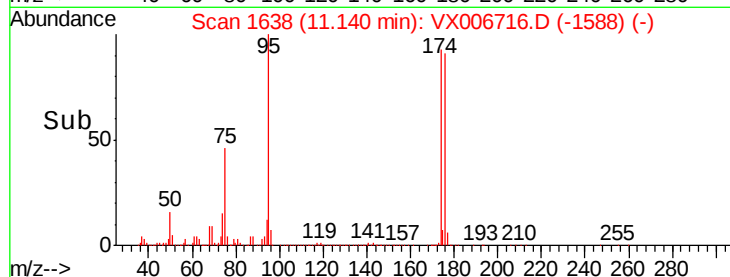
176 85.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006716.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006716.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006716.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

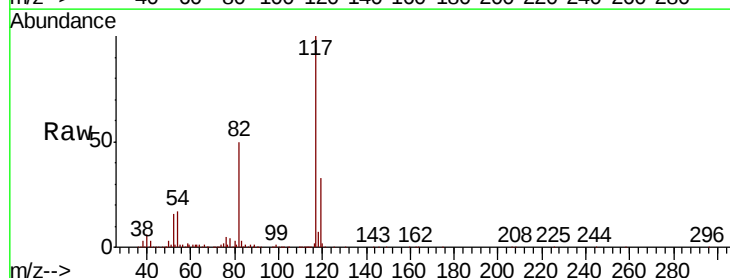
Tgt Ion: 117 Resp: 928640

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

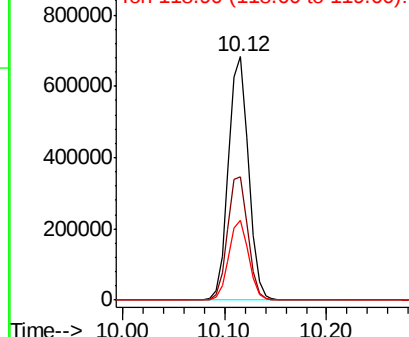
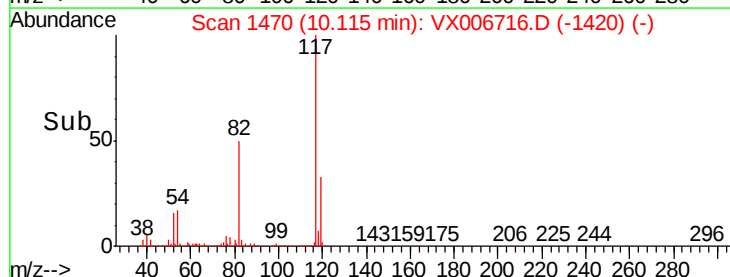
119 32.8 25.4 38.0

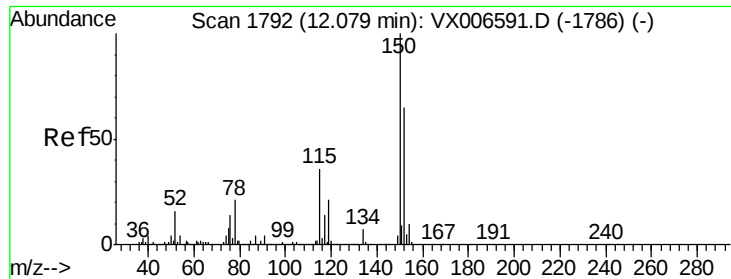


Abundance Ion 116.90 (116.60 to 117.60): VX006716.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006716.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006716.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006716.D

Acq: 21 Dec 2018 11:56

Instrument :

MSVOA_X

ClientSampleId :

S49-0500

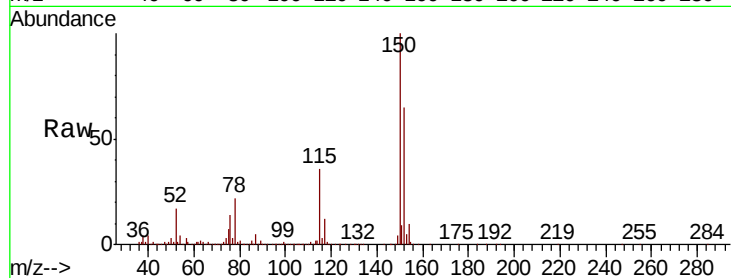
Tot Ion:152 Resp: 438178

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.2

150 156.0 0.0 344.8



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

