

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006699.D
 Acq On : 21 Dec 2018 02:28
 Operator : JC/MD
 Sample : J6514-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0500

Quant Time: Dec 21 05:00:19 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

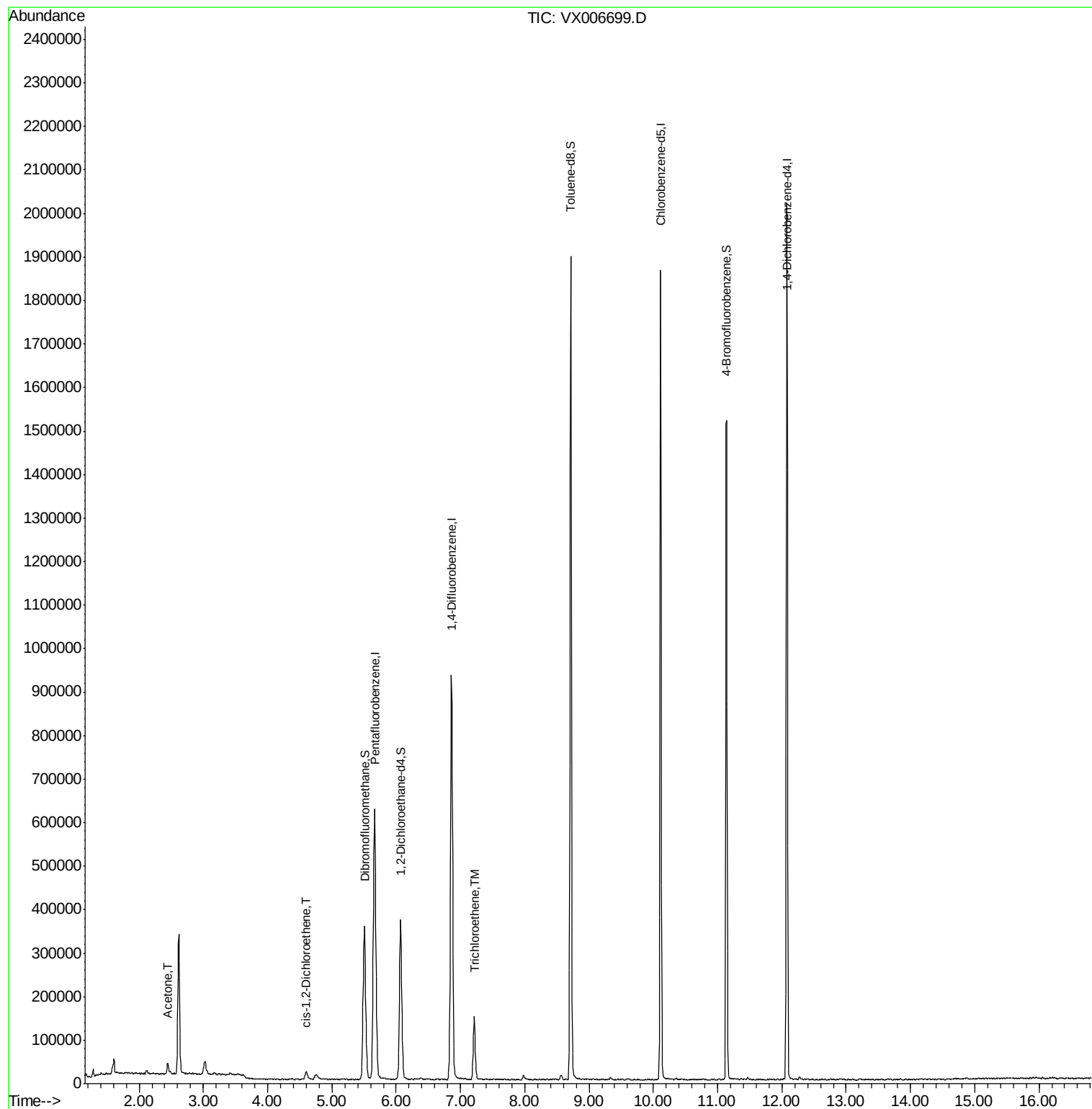
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	625018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	901133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	418276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343259	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	5.51	113	298203	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1171030	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	414280	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
16) Acetone	2.45	43	28679	9.267	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	12155	1.781	ug/l	91
44) Trichloroethene	7.22	130	58992	7.851	ug/l	88

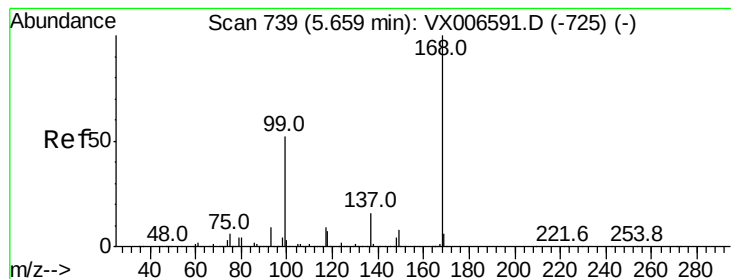
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006699.D

Acq: 21 Dec 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

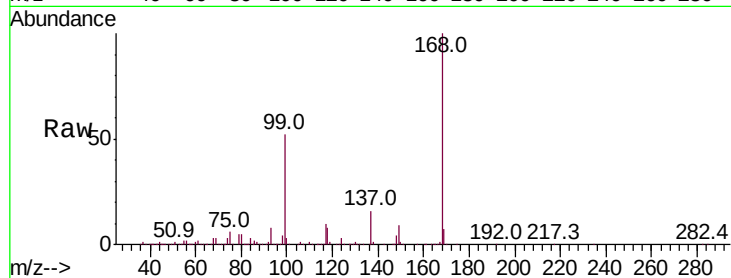
S49-0500

Tot Ion:168 Resp: 625018

Ion Ratio Lower Upper

168 100

99 51.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

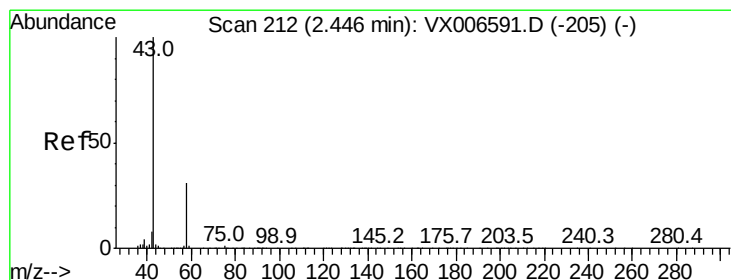
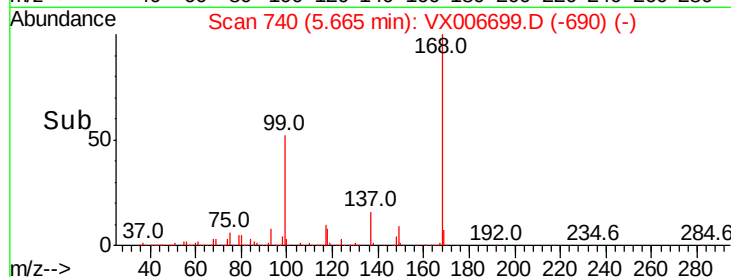
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 9.267 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006699.D

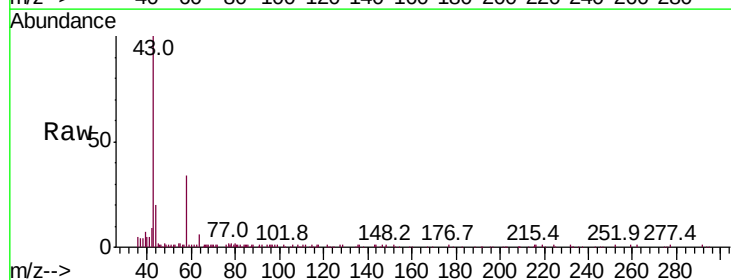
Acq: 21 Dec 2018 02:28

Tgt Ion: 43 Resp: 28679

Ion Ratio Lower Upper

43 100

58 33.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

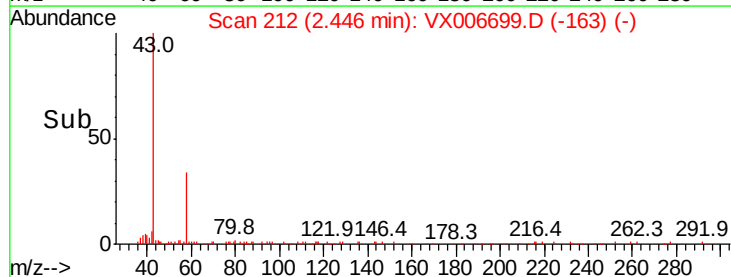
10000

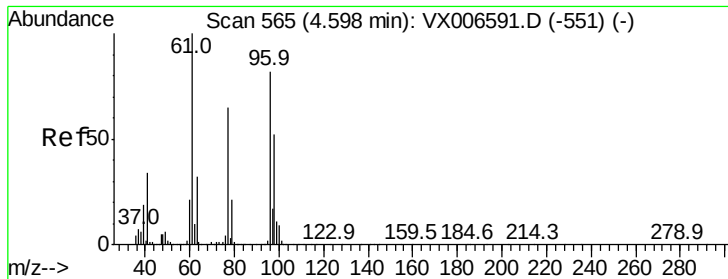
5000

0

2.40 2.45 2.50 2.55

Time-->



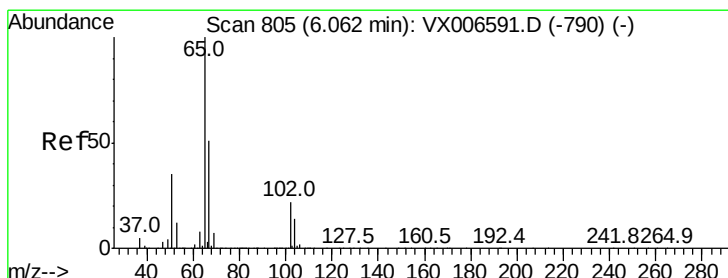
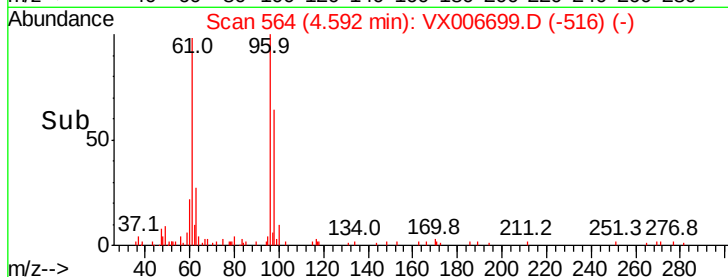
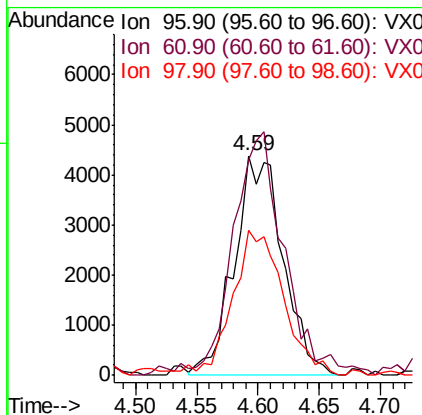
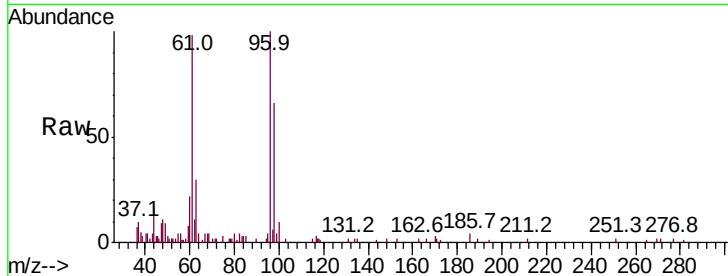


#27

cis-1,2-Dichloroethene
Concen: 1.781 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006699.D
Acq: 21 Dec 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
S49-0500

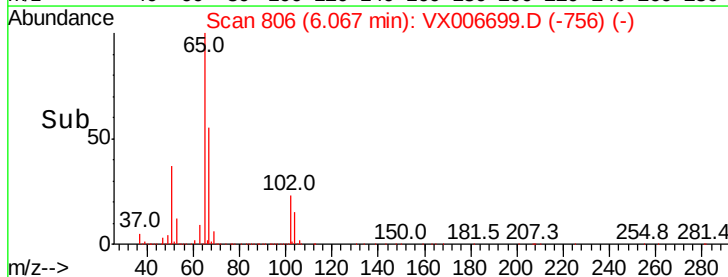
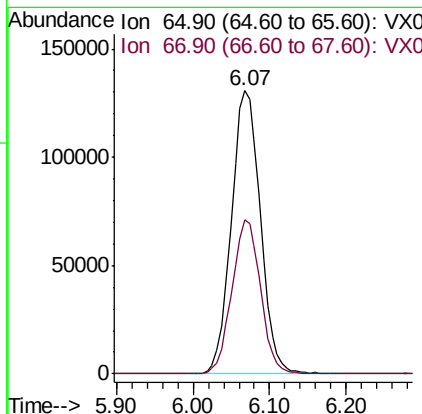
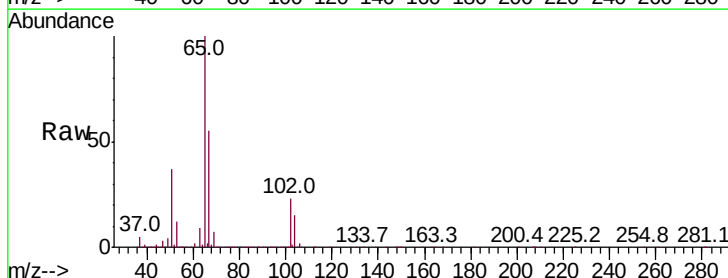
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	258.6
98	69.0	0.0	132.0

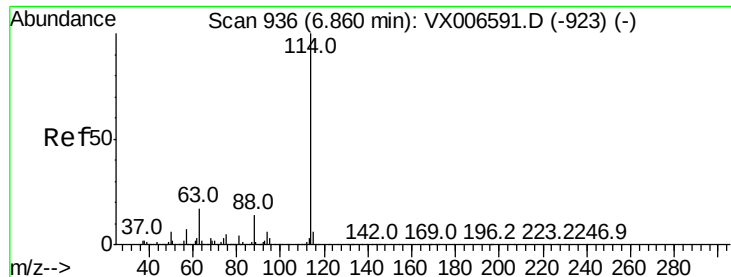


#33

1,2-Dichloroethane-d4
Concen: 50.958 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006699.D
Acq: 21 Dec 2018 02:28

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.0

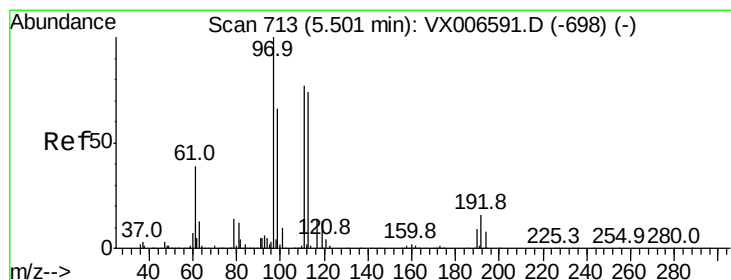
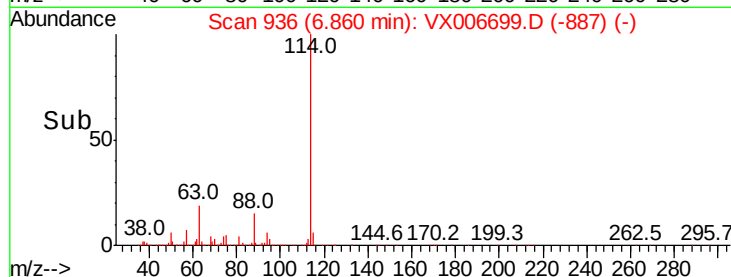
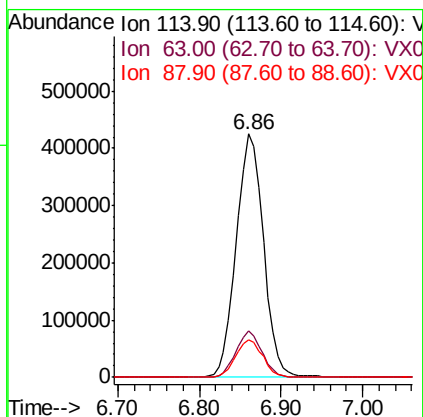
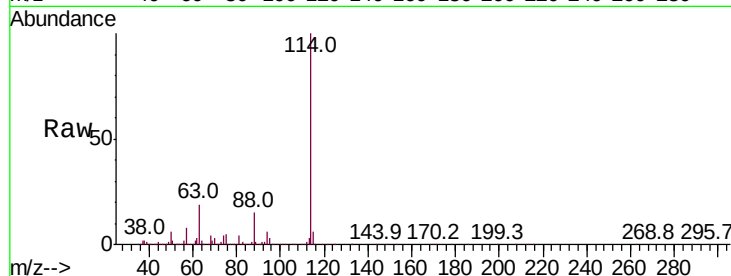




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006699.D
 Acq: 21 Dec 2018 02:28

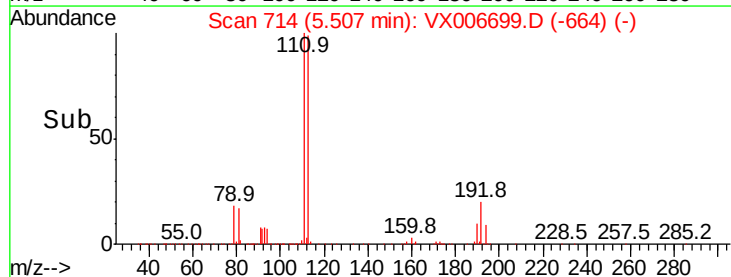
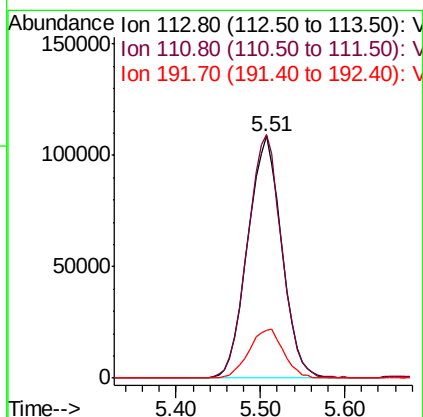
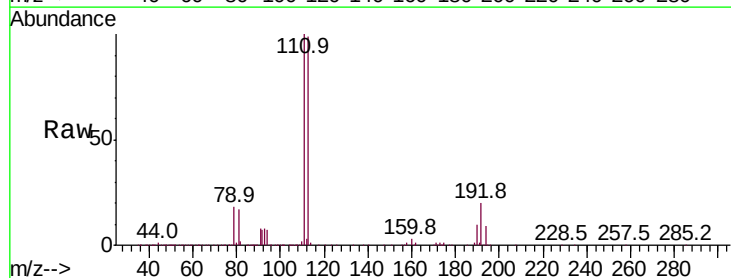
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0500

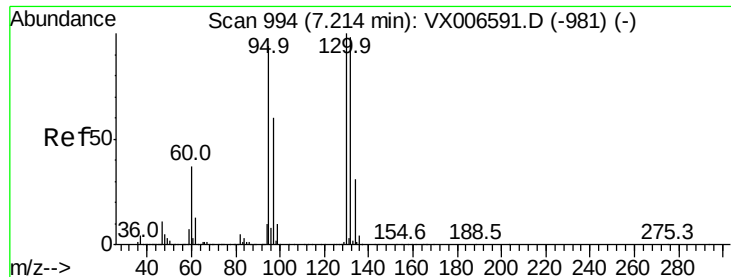
Tot Ion:114 Resp: 986072
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.8
 88 15.2 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 47.822 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006699.D
 Acq: 21 Dec 2018 02:28

Tgt Ion:113 Resp: 298203
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.6 122.4
 192 20.7 16.7 25.1





#44

Trichloroethene

Concen: 7.851 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006699.D

Acq: 21 Dec 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

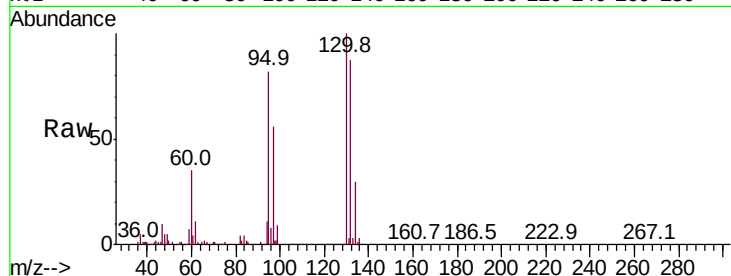
S49-0500

Tot Ion:130 Resp: 58992

Ion Ratio Lower Upper

130 100

95 81.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

30000

25000

20000

15000

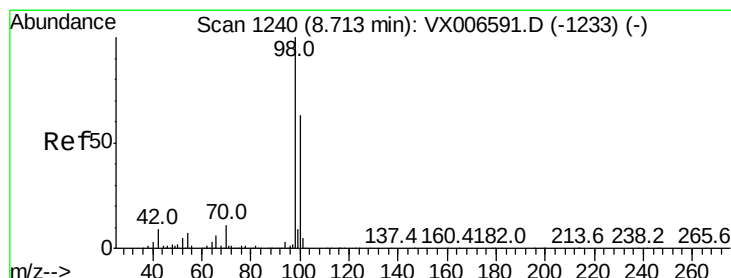
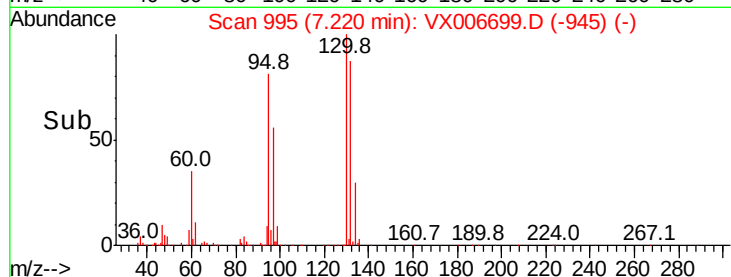
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 49.812 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006699.D

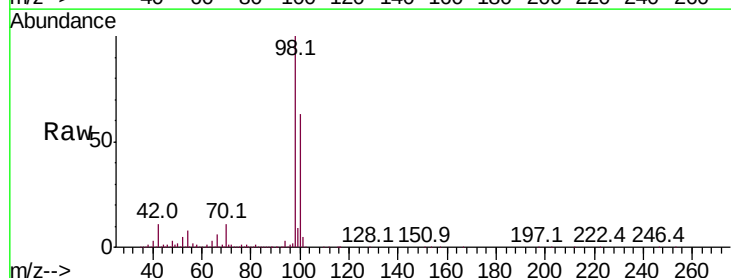
Acq: 21 Dec 2018 02:28

Tgt Ion: 98 Resp: 1171030

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

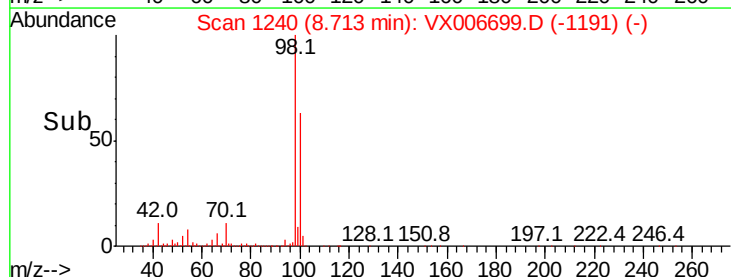
400000

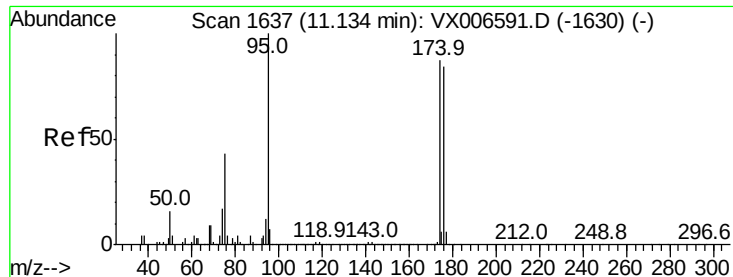
200000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 48.116 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006699.D

Acq: 21 Dec 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

S49-0500

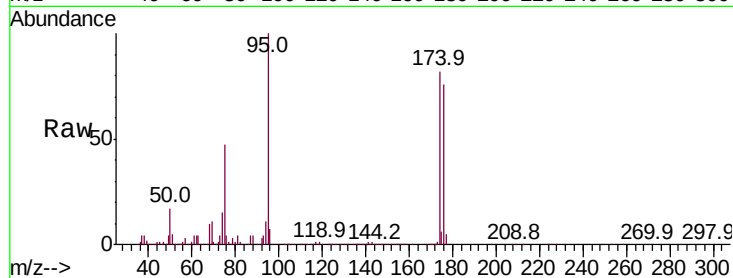
Tot Ion: 95 Resp: 414280

Ion Ratio Lower Upper

95 100

174 88.1 0.0 182.2

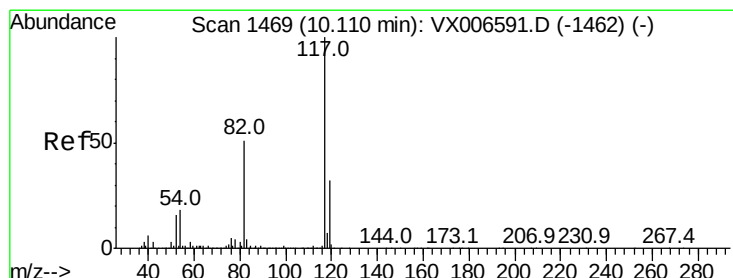
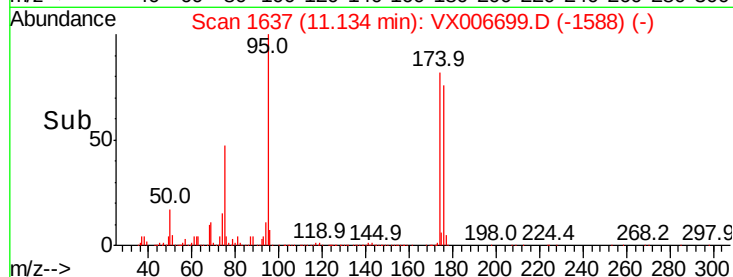
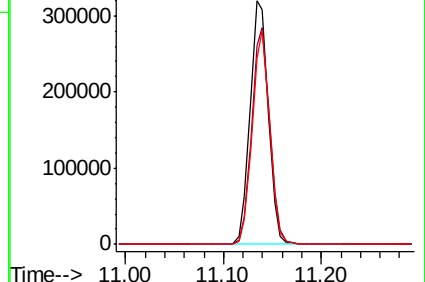
176 84.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006699.D

Acq: 21 Dec 2018 02:28

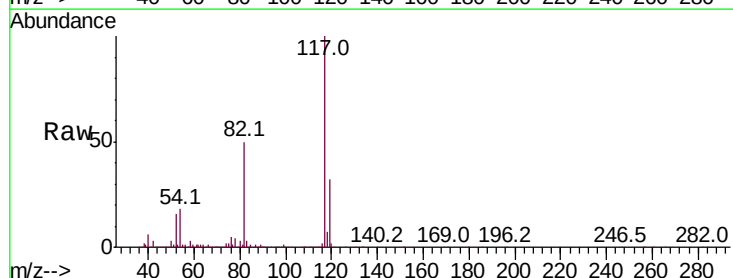
Tgt Ion: 117 Resp: 901133

Ion Ratio Lower Upper

117 100

82 49.7 41.0 61.6

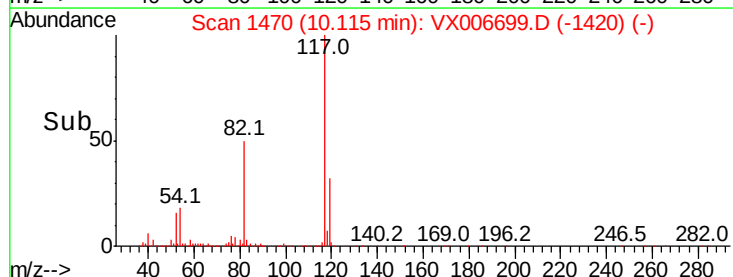
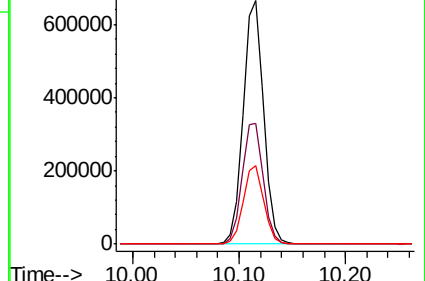
119 32.4 25.4 38.0

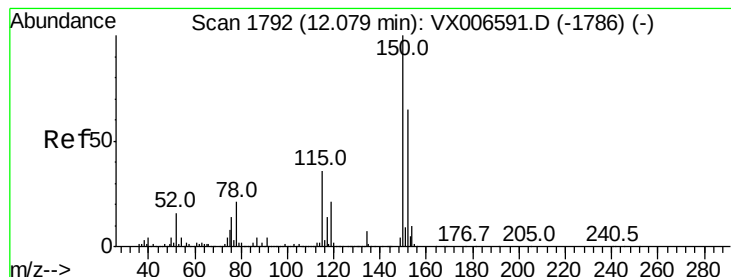


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006699.D

Acq: 21 Dec 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

S49-0500

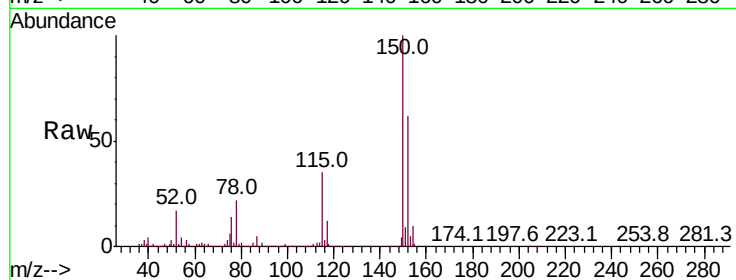
Tot Ion:152 Resp: 418276

Ion Ratio Lower Upper

152 100

115 57.2 39.1 117.2

150 159.2 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

