

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009167.D
 Acq On : 25 Apr 2019 17:06
 Operator : JC/SP
 Sample : K2566-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0012

Quant Time: Apr 26 06:41:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

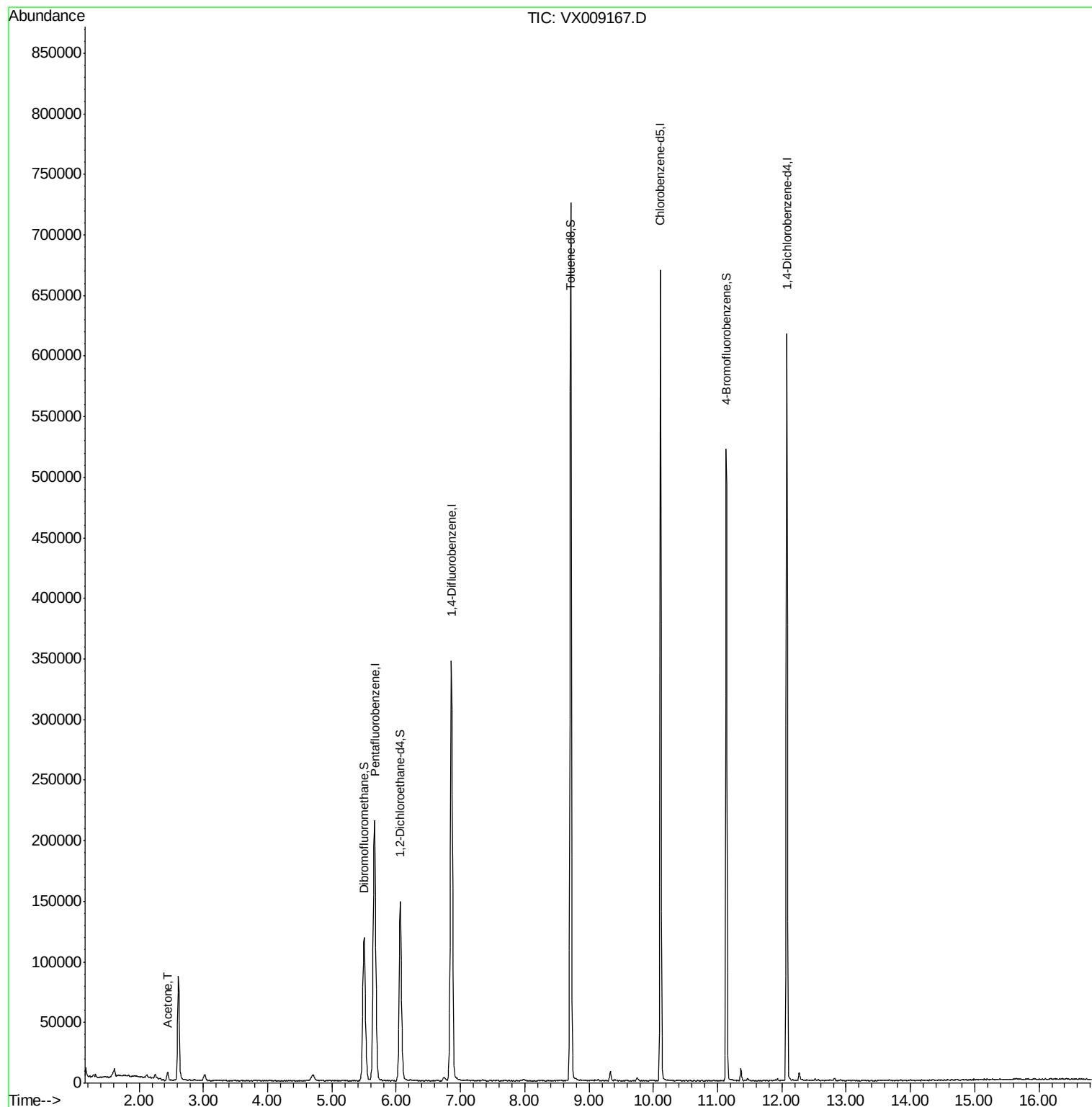
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139500	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	5.50	113	103092	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	420719	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	139184	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	2.45	43	8003	5.246	ug/l	Qvalue 98

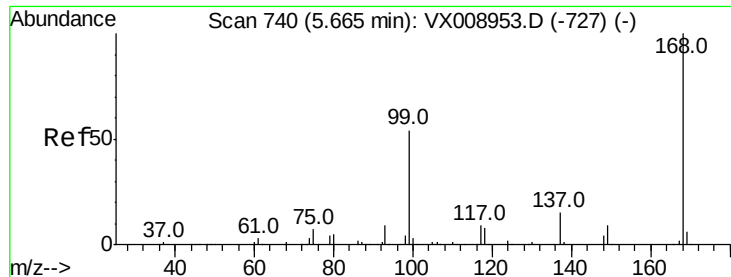
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009167.D

Acq: 25 Apr 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

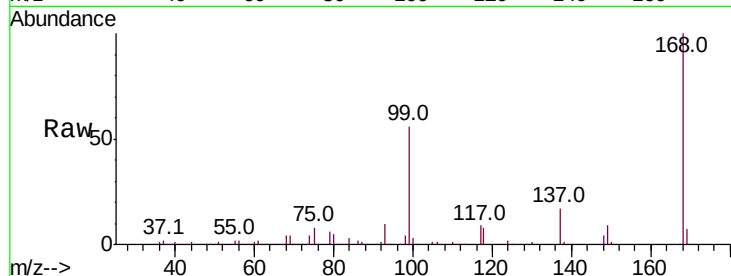
S37-0012

Tot Ion:168 Resp: 208753

Ion Ratio Lower Upper

168 100

99 55.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

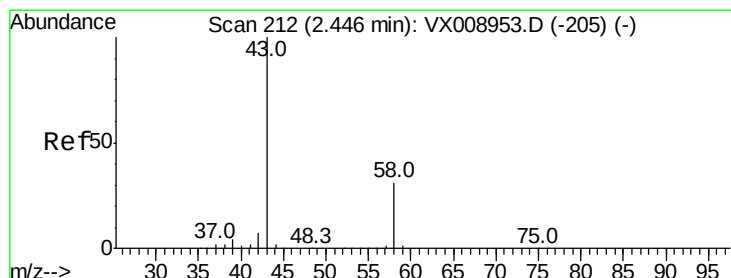
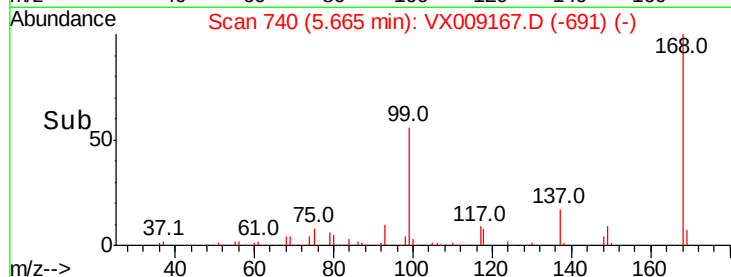
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.246 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009167.D

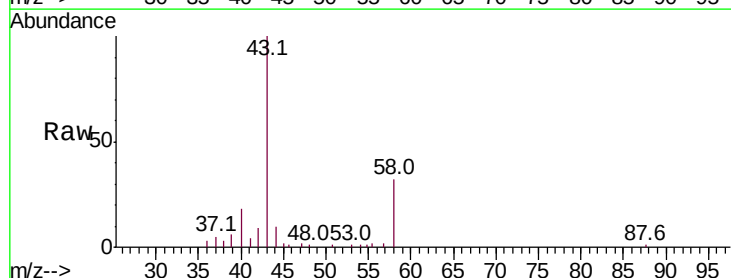
Acq: 25 Apr 2019 17:06

Tgt Ion: 43 Resp: 8003

Ion Ratio Lower Upper

43 100

58 32.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

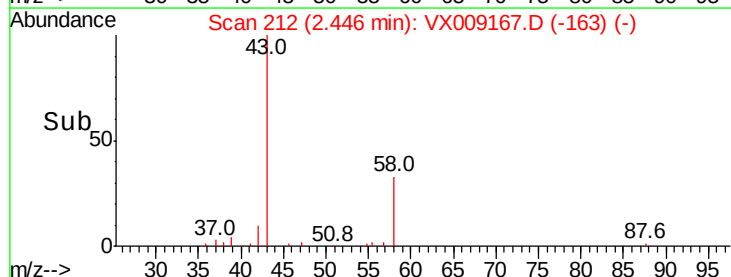
3000

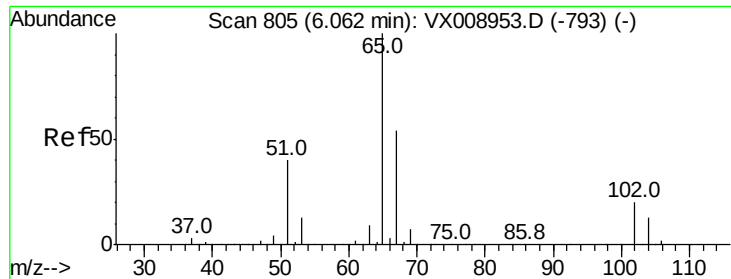
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

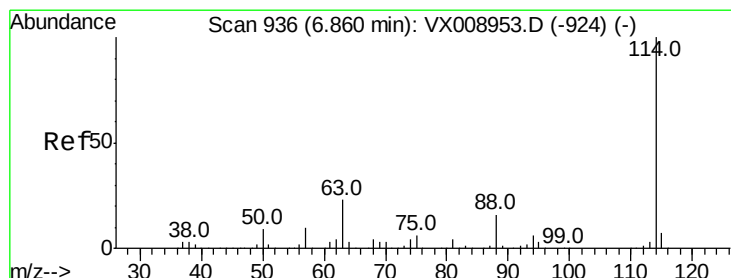
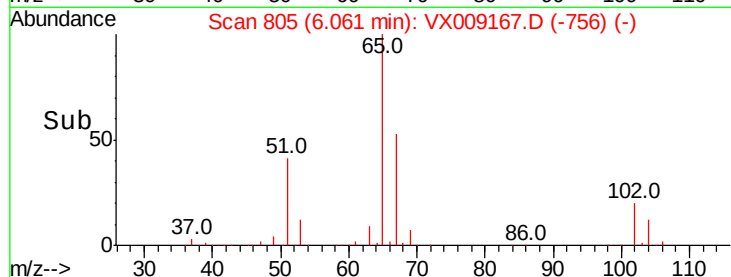
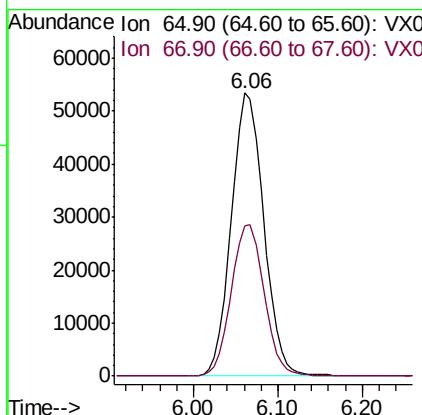
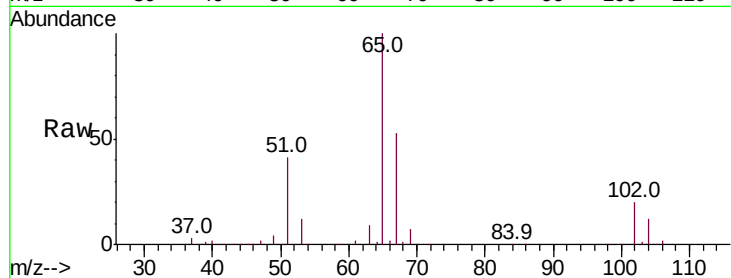




#33
 1,2-Dichloroethane-d4
 Concen: 47.418 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009167.D
 Acq: 25 Apr 2019 17:06

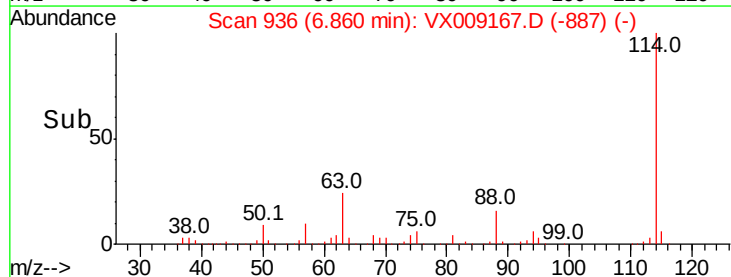
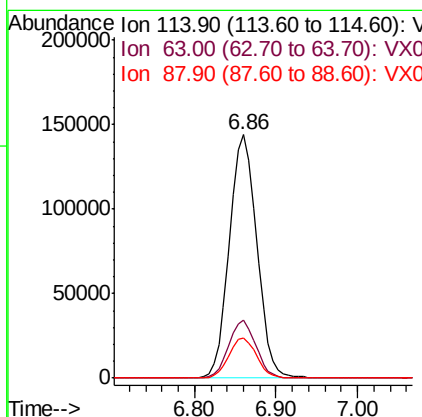
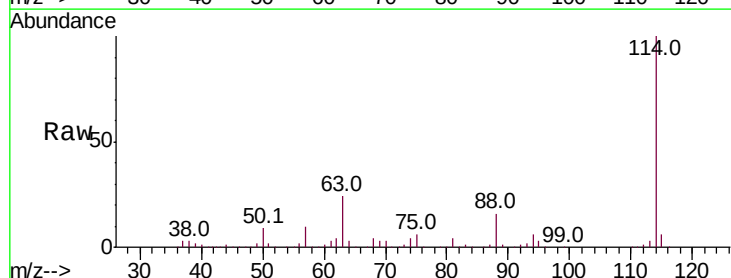
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0012

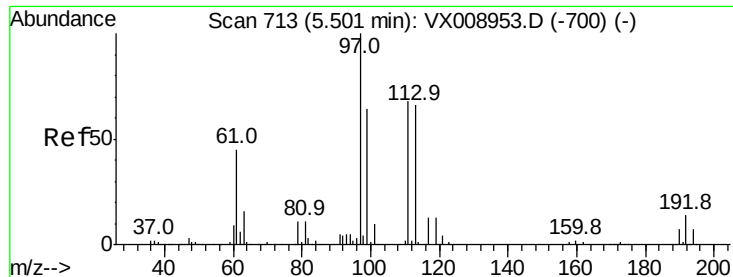
Tot Ion: 65 Resp: 139500
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009167.D
 Acq: 25 Apr 2019 17:06

Tgt Ion:114 Resp: 335747
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 16.4 0.0 32.6

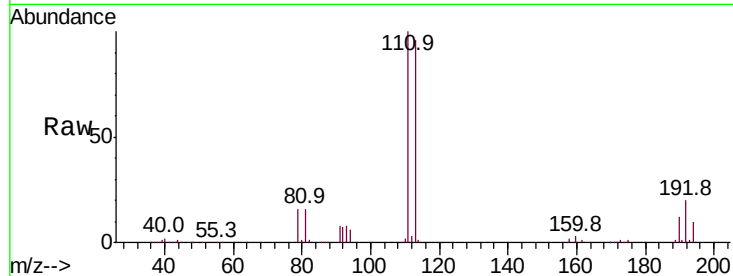




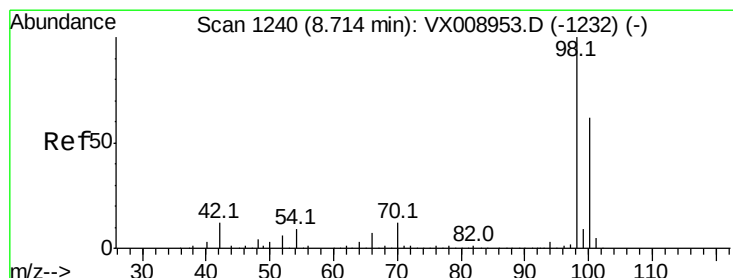
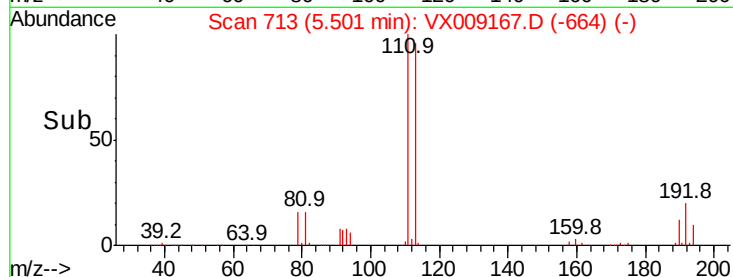
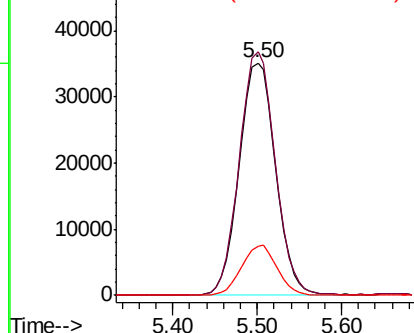
#35
 Dibromofluoromethane
 Concen: 47.844 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009167.D
 Acq: 25 Apr 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0012

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	20.9	17.4	26.0

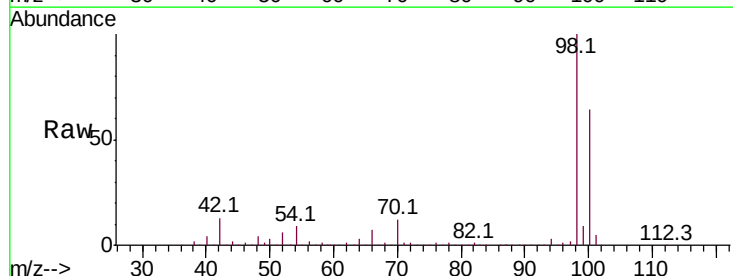


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

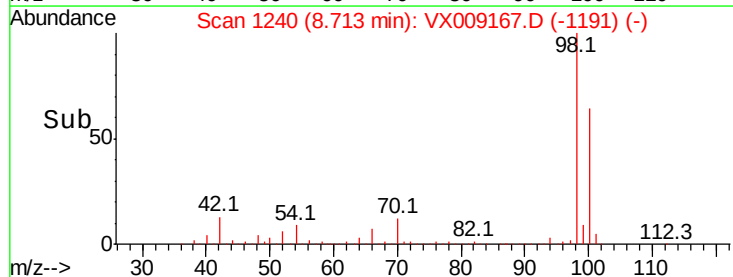
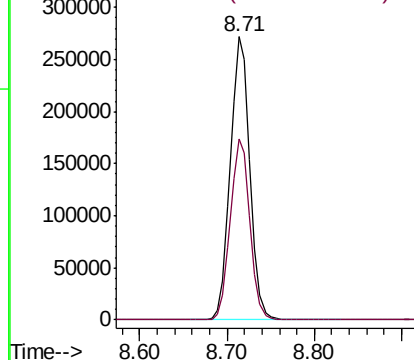


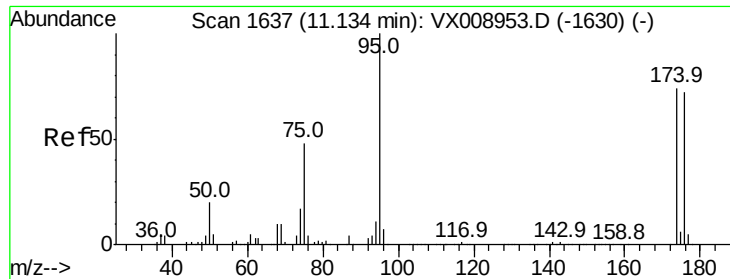
#50
 Toluene-d8
 Concen: 48.959 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009167.D
 Acq: 25 Apr 2019 17:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2



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





#62

4-Bromofluorobenzene

Concen: 45.883 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009167.D

Acq: 25 Apr 2019 17:06

Instrument :

MSVOA_X

ClientSampled :

S37-0012

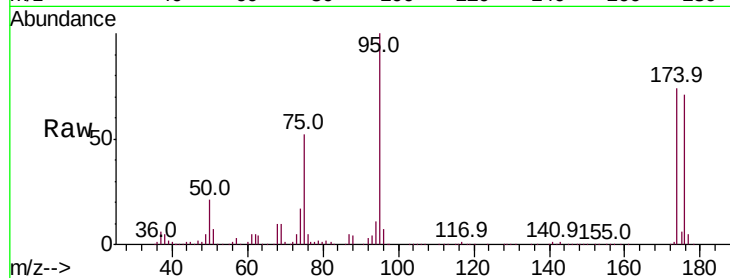
Tot Ion: 95 Resp: 139184

Ion Ratio Lower Upper

95 100

174 80.9 0.0 159.6

176 77.3 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)

11.13

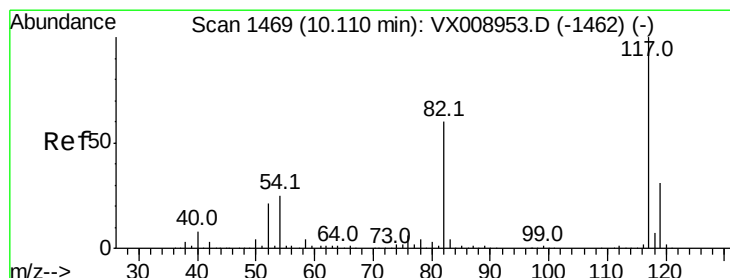
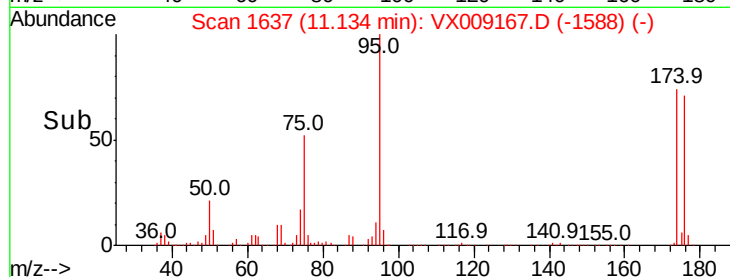
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009167.D

Acq: 25 Apr 2019 17:06

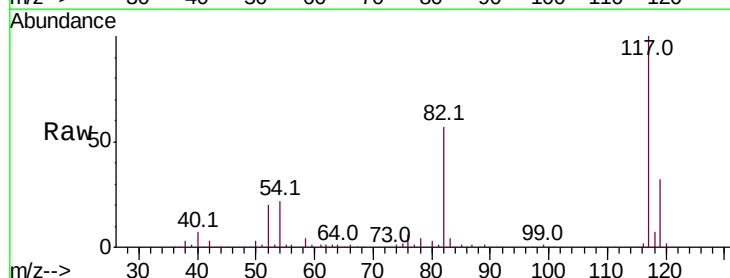
Tgt Ion: 117 Resp: 293593

Ion Ratio Lower Upper

117 100

82 57.1 48.2 72.4

119 31.9 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

10.12

250000

200000

150000

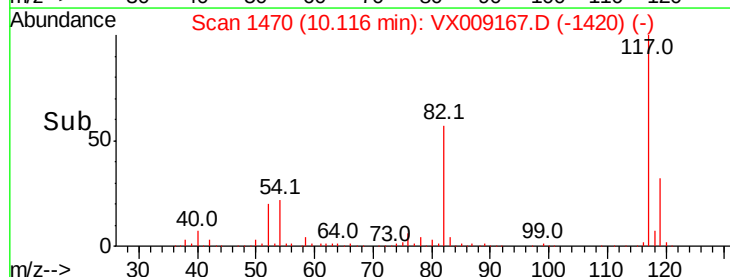
100000

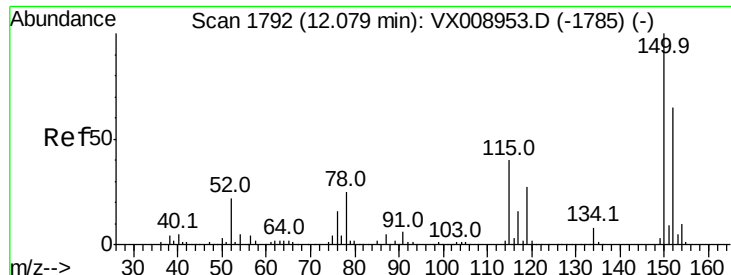
50000

0

Time-->

10.00 10.10 10.20

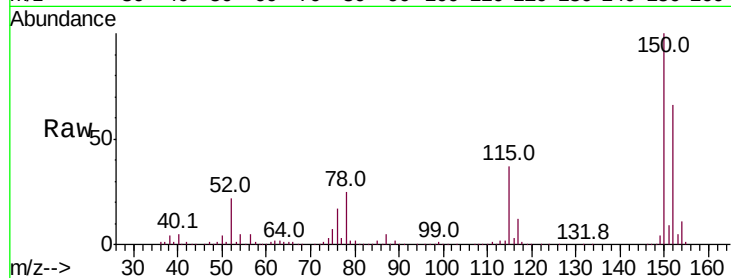




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009167.D
 Acq: 25 Apr 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0012

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.4	124.2
150	157.0	0.0	349.8



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

