

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008933.D
 Acq On : 13 Apr 2019 15:45
 Operator : JC/SP
 Sample : K2385-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB07-190410

Quant Time: Apr 15 03:37:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

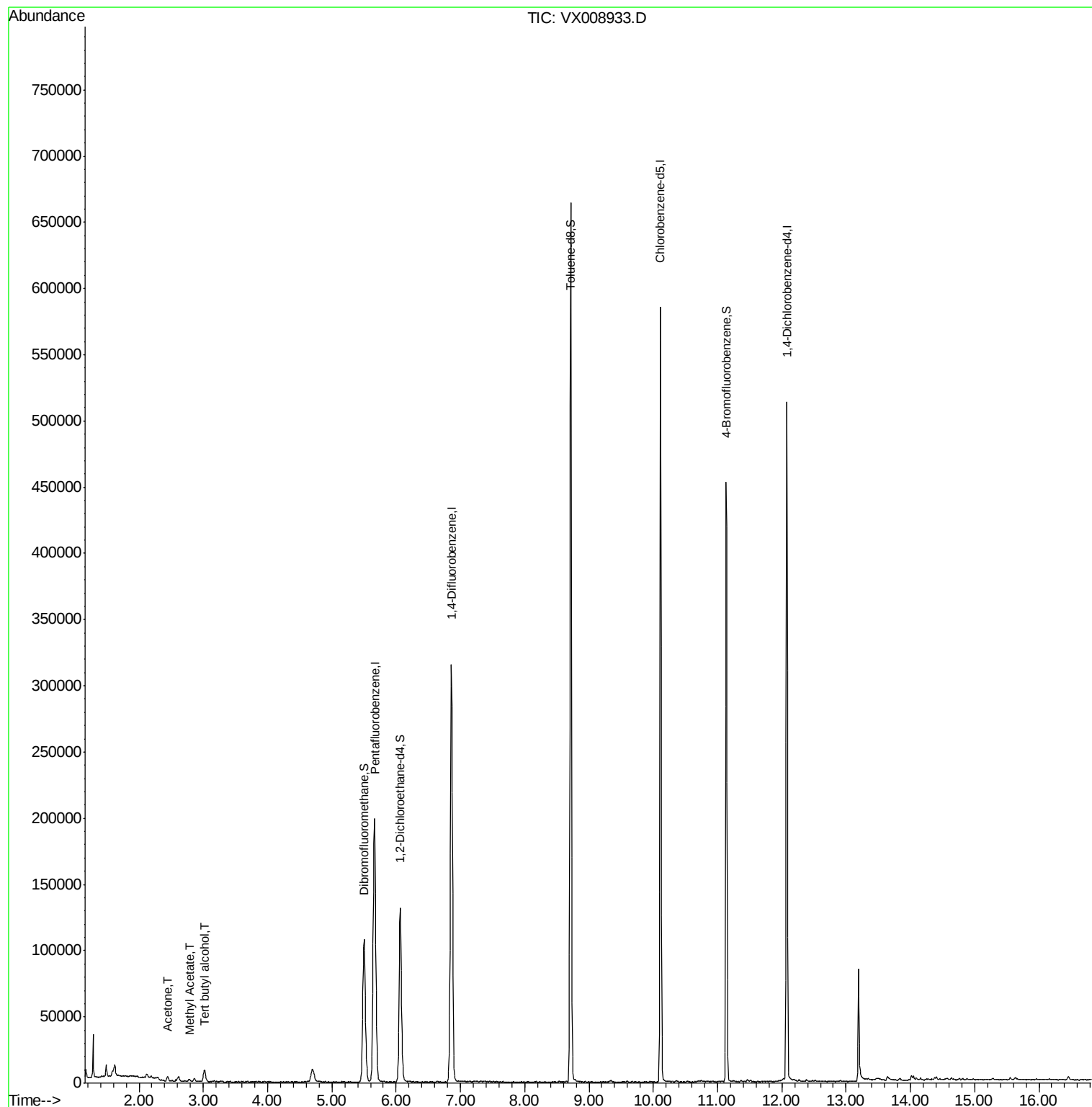
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124296	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
35) Dibromofluoromethane	5.50	113	92544	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	8.71	98	382071	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	122796	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	5811	8.689	ug/l #	76
16) Acetone	2.45	43	4317	2.624	ug/l	99
18) Methyl Acetate	2.78	43	2213	0.555	ug/l	98

(#) = 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: VX008933.D

Acq: 13 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

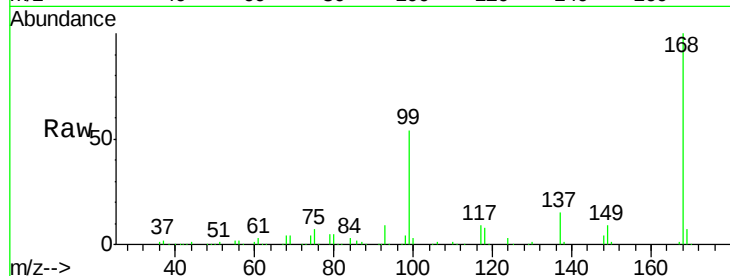
Z3-TB07-190410

Tot Ion:168 Resp: 195847

Ion Ratio Lower Upper

168 100

99 53.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

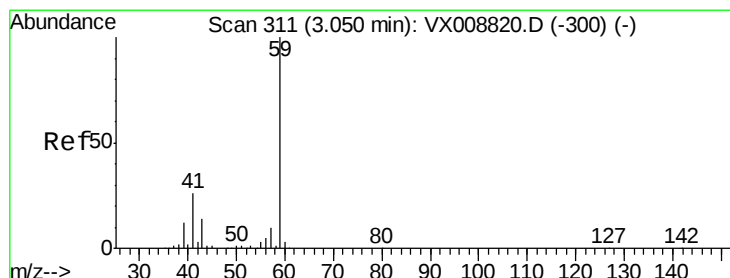
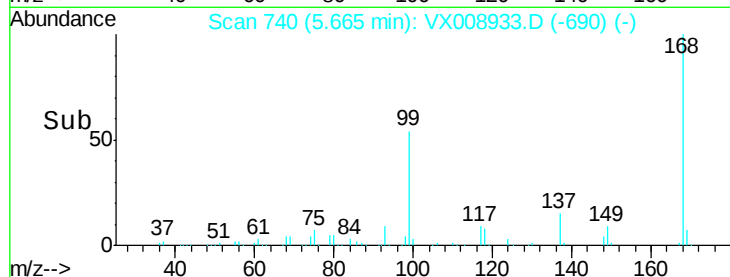
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 8.689 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX008933.D

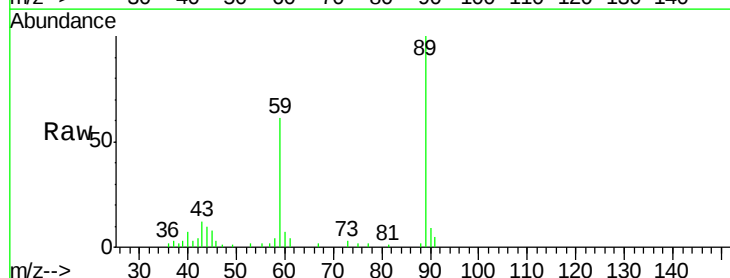
Acq: 13 Apr 2019 15:45

Tgt Ion: 59 Resp: 5811

Ion Ratio Lower Upper

59 100

57 1.5 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

2500

2000

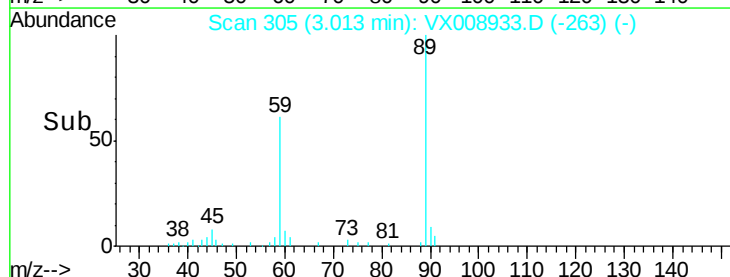
1500

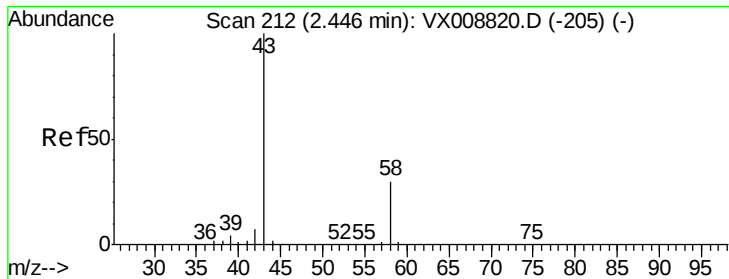
1000

500

0

Time--> 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 2.624 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008933.D

Acq: 13 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

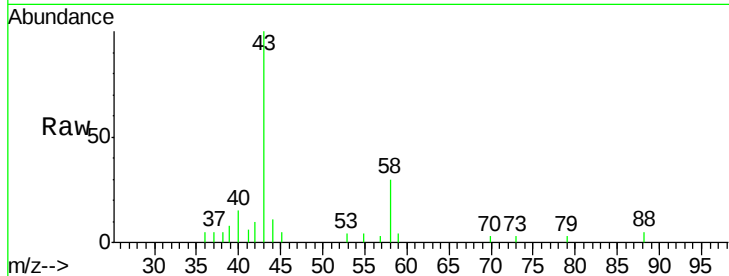
Z3-TB07-190410

Tot Ion: 43 Resp: 4317

Ion Ratio Lower Upper

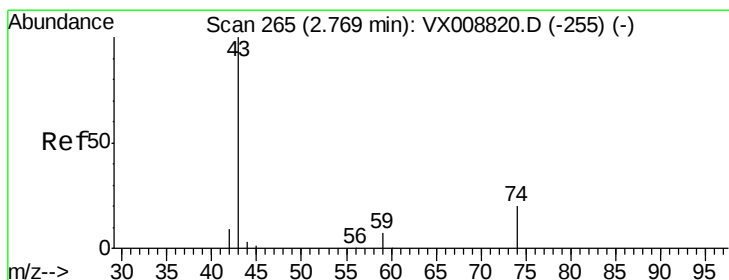
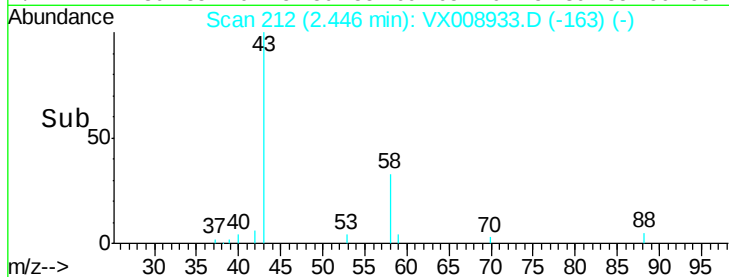
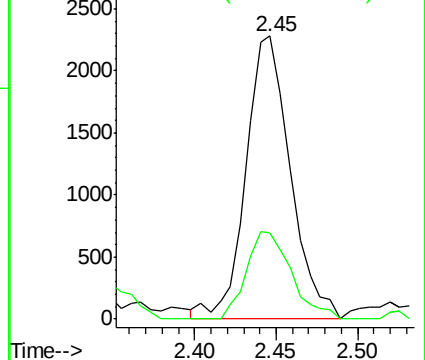
43 100

58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.555 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008933.D

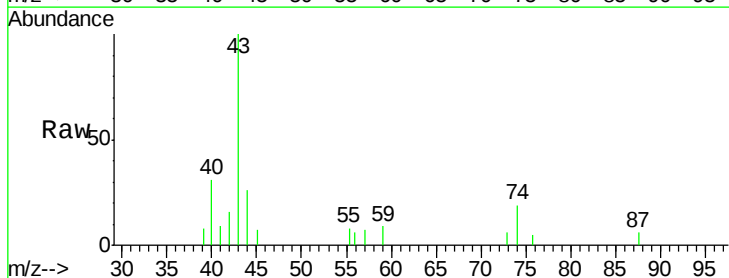
Acq: 13 Apr 2019 15:45

Tgt Ion: 43 Resp: 2213

Ion Ratio Lower Upper

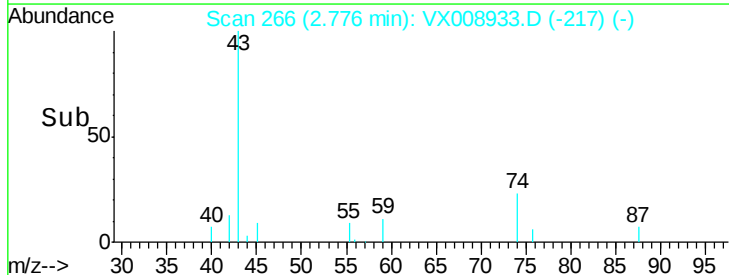
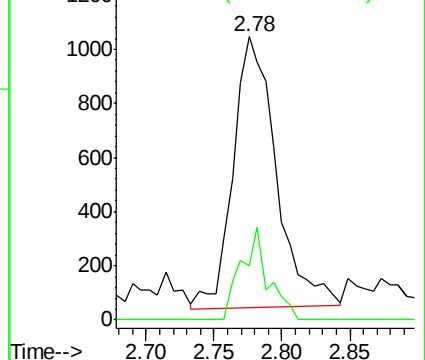
43 100

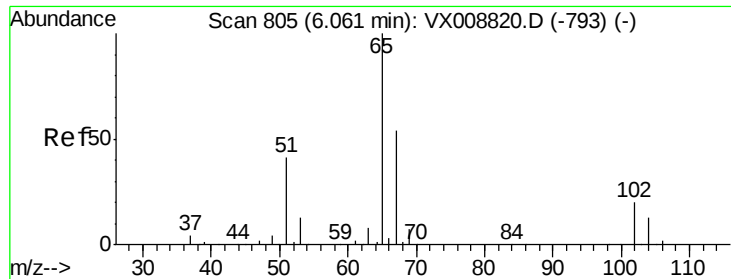
74 21.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

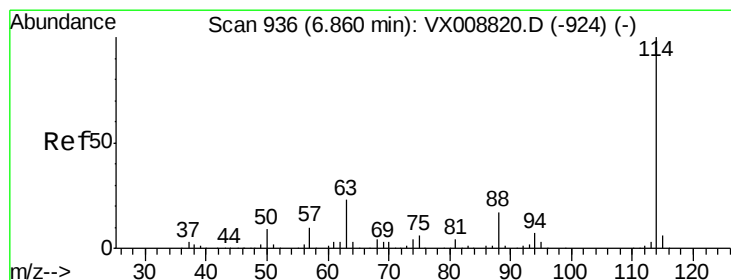
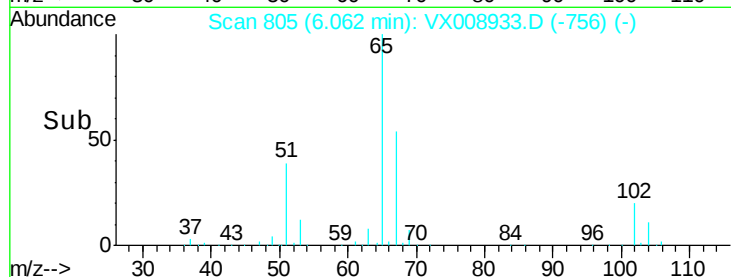
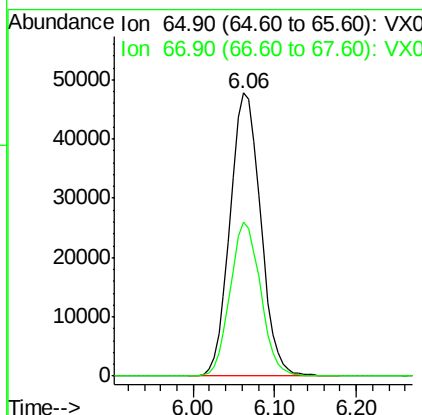
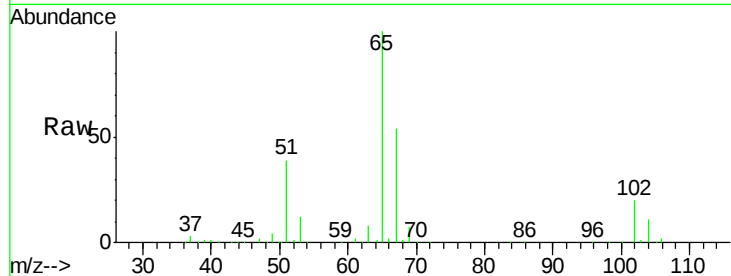




#33
 1,2-Dichloroethane-d4
 Concen: 43.513 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008933.D
 Acq: 13 Apr 2019 15:45

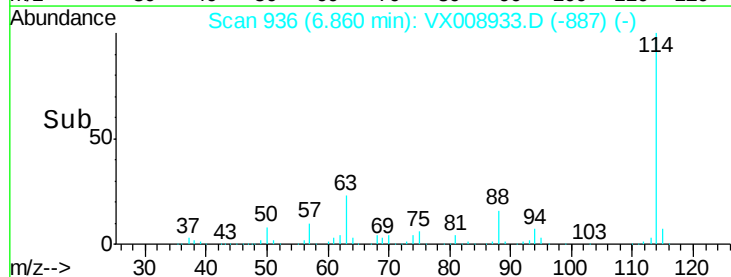
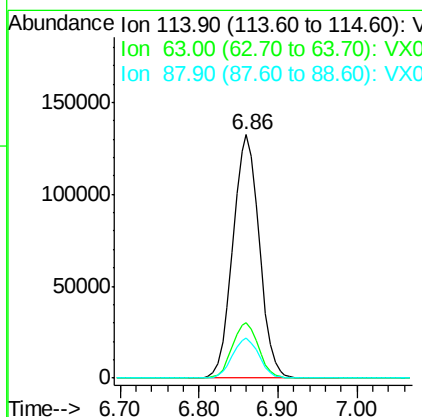
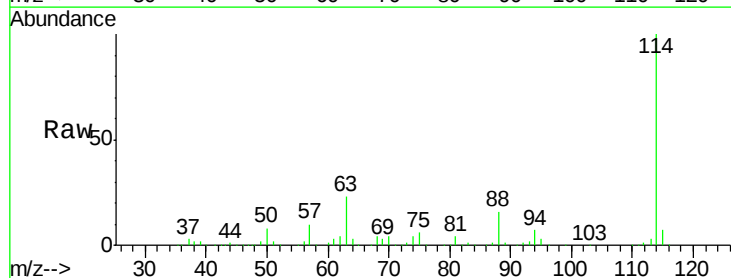
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB07-190410

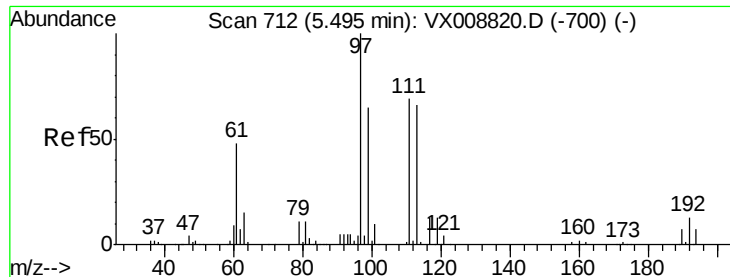
Tot Ion: 65 Resp: 124296
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008933.D
 Acq: 13 Apr 2019 15:45

Tgt Ion: 114 Resp: 308404
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.4 0.0 34.0

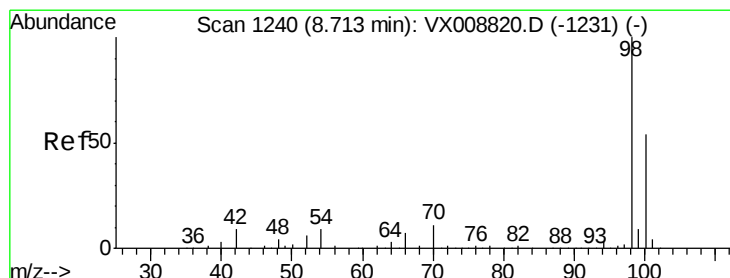
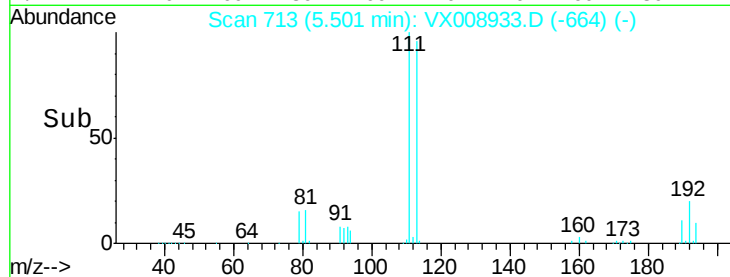
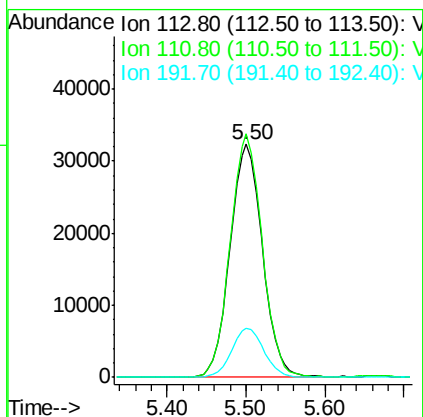
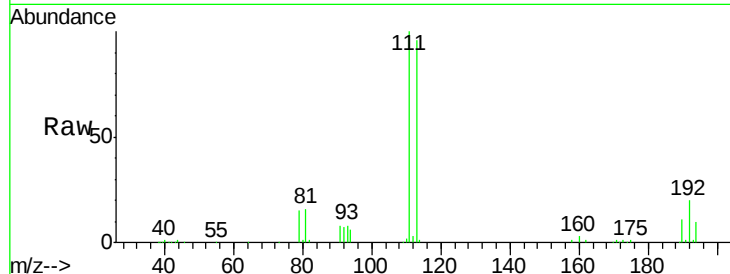




#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008933.D
 Acq: 13 Apr 2019 15:45

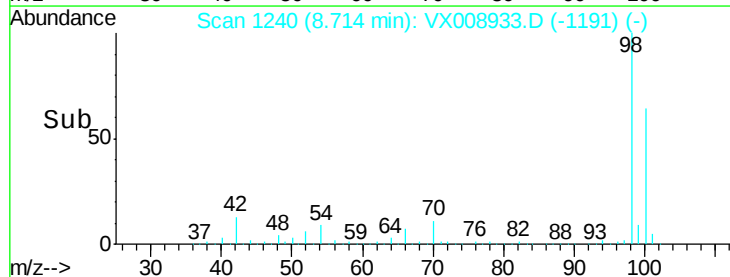
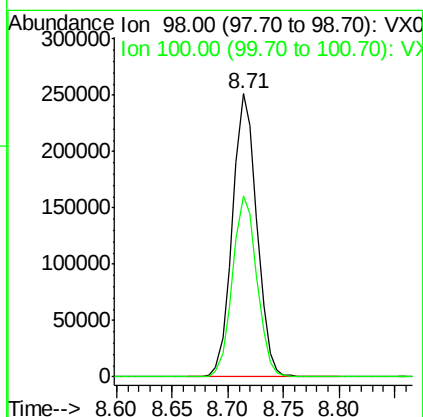
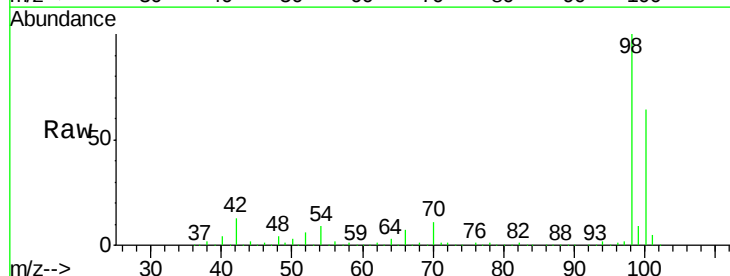
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB07-190410

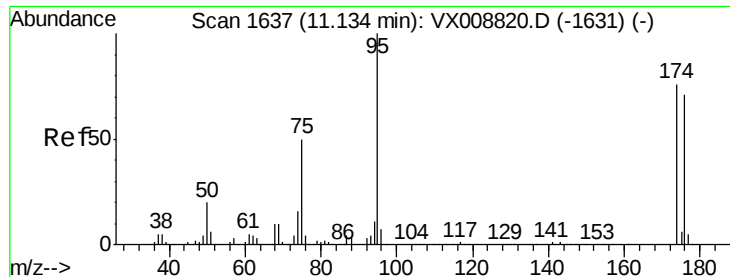
Tot Ion:113 Resp: 92544
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 21.1 16.1 24.1



#50
 Toluene-d8
 Concen: 48.664 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008933.D
 Acq: 13 Apr 2019 15:45

Tgt Ion: 98 Resp: 382071
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 44.105 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008933.D

Acq: 13 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB07-190410

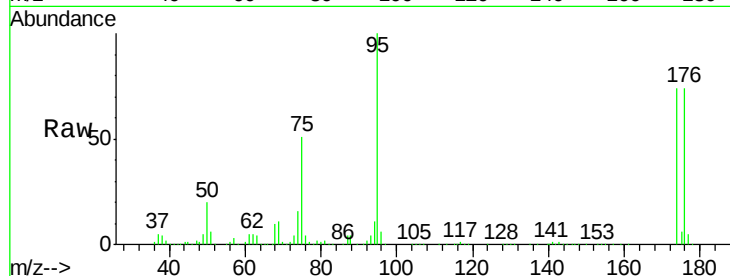
Tot Ion: 95 Resp: 122796

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.8

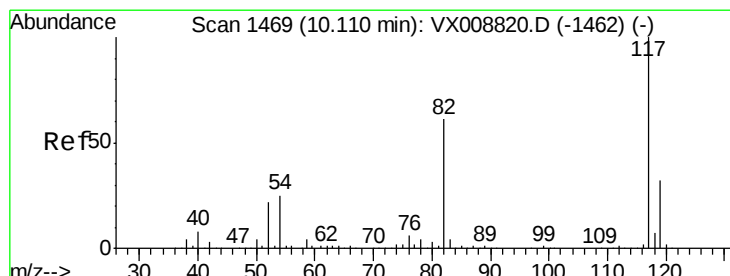
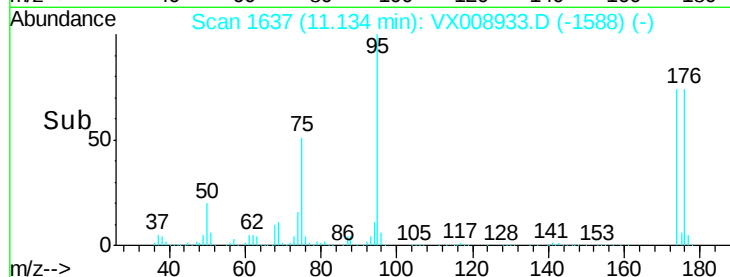
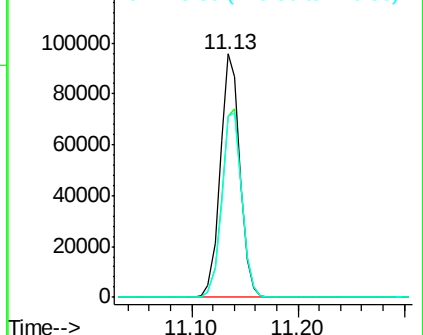
176 77.3 0.0 145.8



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. 0.01 min

Lab File: VX008933.D

Acq: 13 Apr 2019 15:45

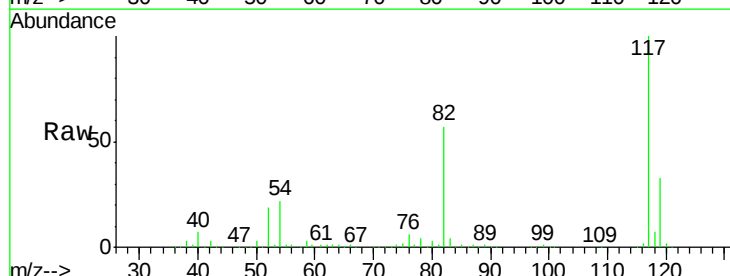
Tgt Ion: 117 Resp: 260512

Ion Ratio Lower Upper

117 100

82 56.9 49.6 74.4

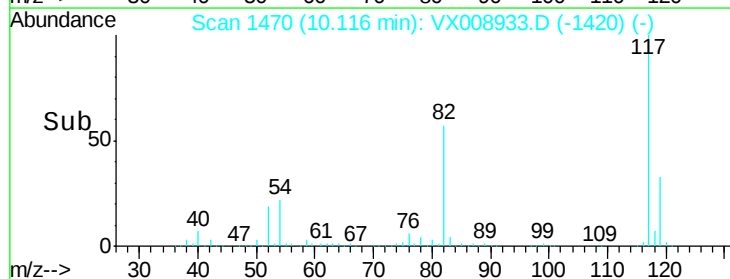
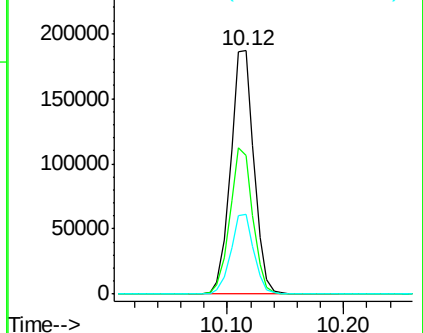
119 32.9 25.0 37.4

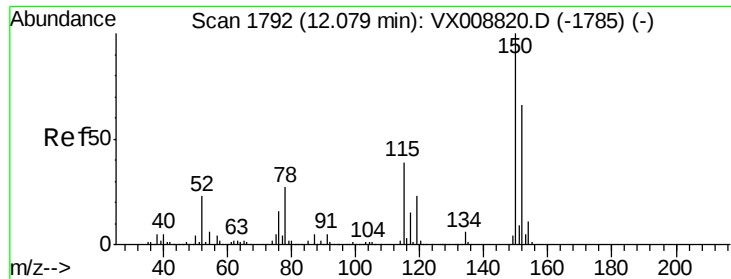


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008933.D

Acq: 13 Apr 2019 15:45

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB07-190410

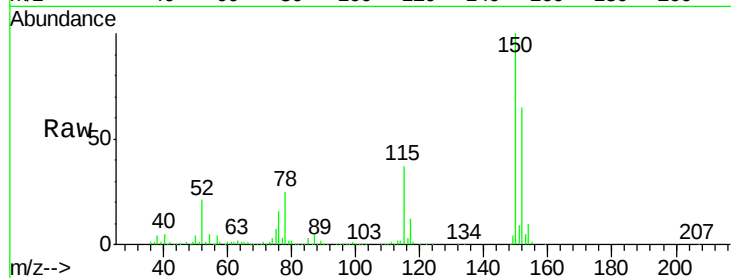
Tot Ion:152 Resp: 106004

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

150 155.1 0.0 348.8



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

