

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008781.D
 Acq On : 09 Apr 2019 19:19
 Operator : JC/SP
 Sample : K2337-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS040819

Quant Time: Apr 10 07:56:35 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

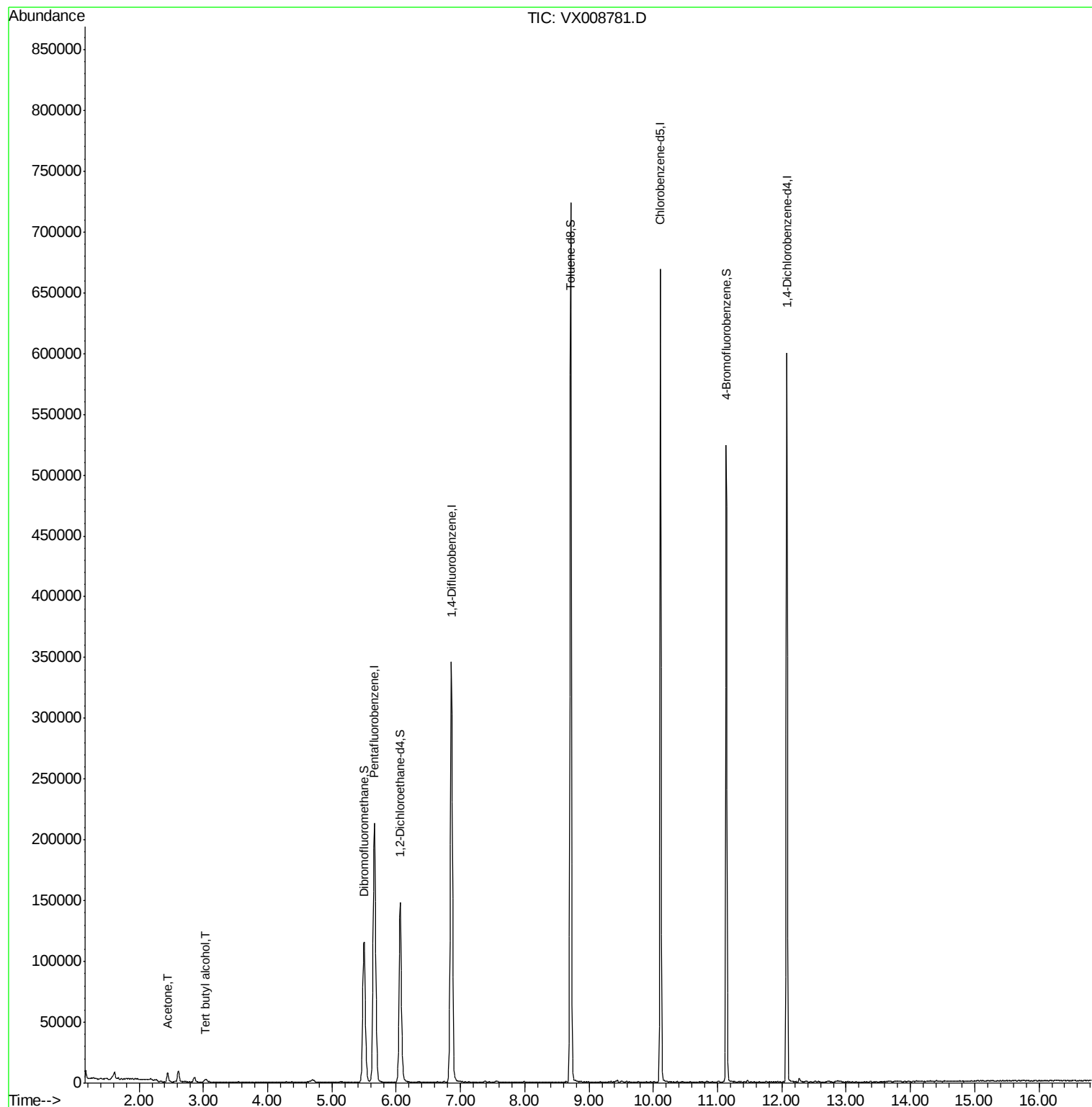
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138499	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	5.50	113	100749	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	421174	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	137090	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	2813	4.030	ug/l	95
16) Acetone	2.44	43	8159	4.751	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

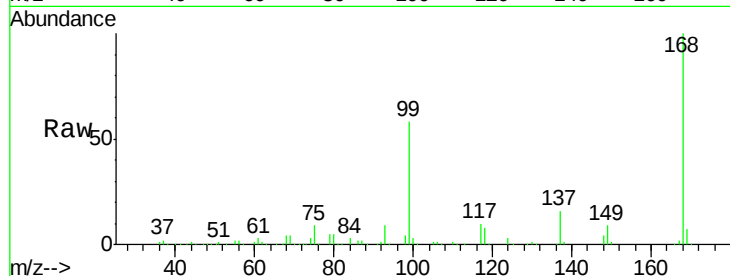
WS040819

Tot Ion:168 Resp: 204438

Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

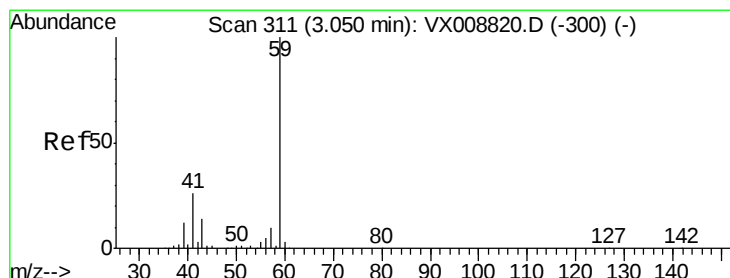
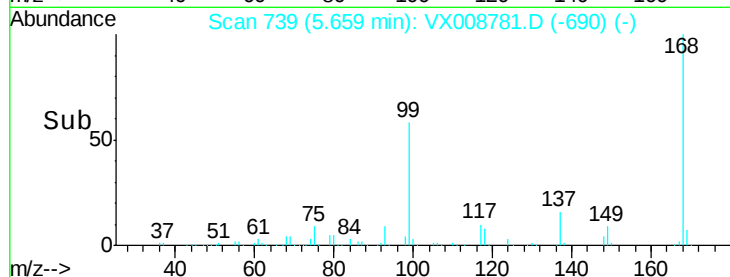
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.030 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008781.D

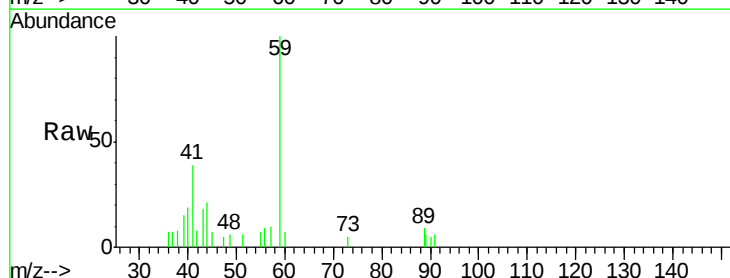
Acq: 09 Apr 2019 19:19

Tgt Ion: 59 Resp: 2813

Ion Ratio Lower Upper

59 100

57 8.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

1000

800

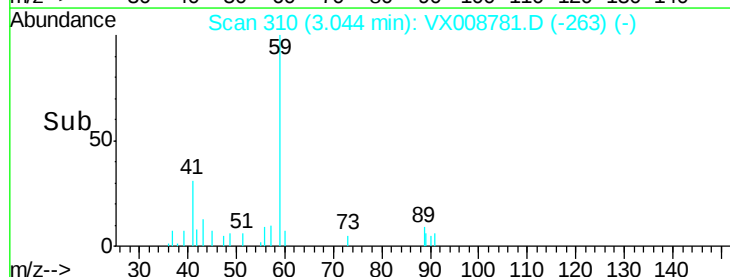
600

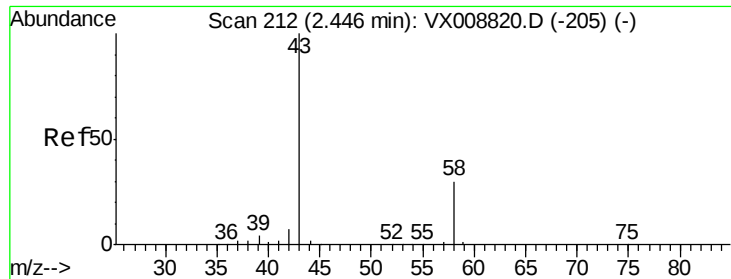
400

200

0

Time--> 3.00 3.10





#16

Acetone

Concen: 4.751 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

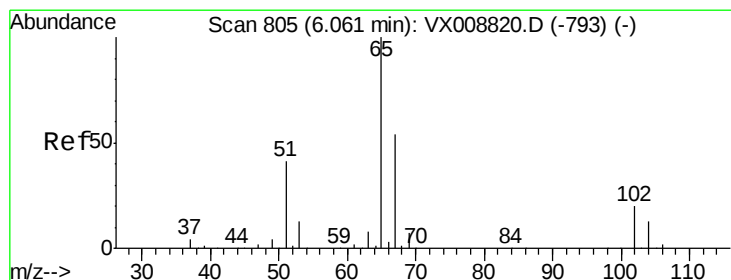
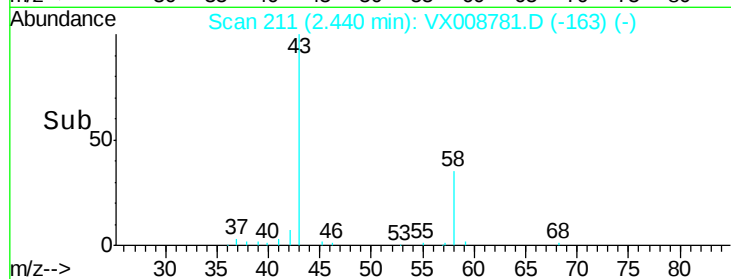
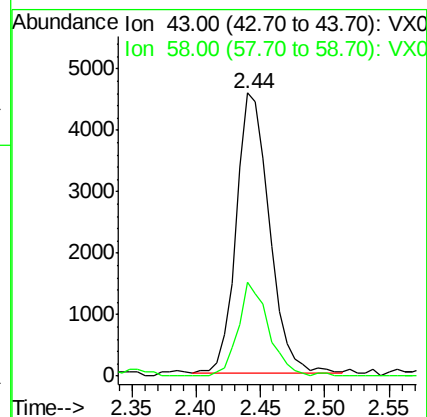
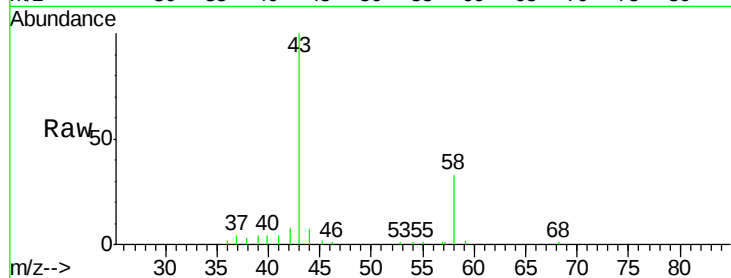
WS040819

Tot Ion: 43 Resp: 8159

Ion Ratio Lower Upper

43 100

58 33.7 24.8 37.2



#33

1,2-Dichloroethane-d4

Concen: 46.447 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008781.D

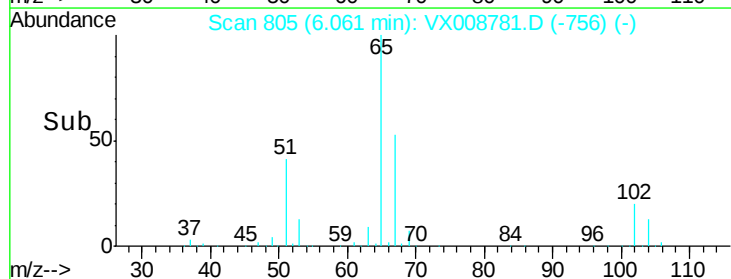
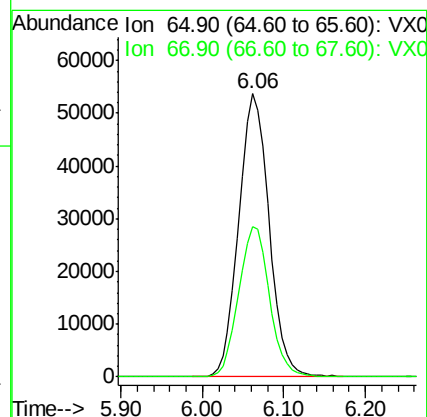
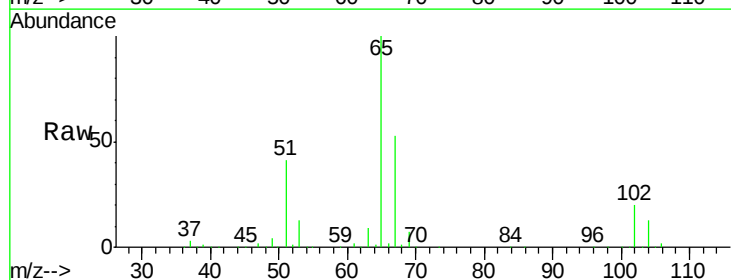
Acq: 09 Apr 2019 19:19

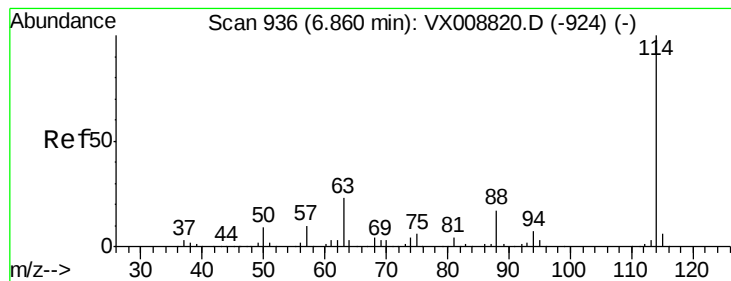
Tgt Ion: 65 Resp: 138499

Ion Ratio Lower Upper

65 100

67 53.7 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: VX008781.D

Acq: 09 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

WS040819

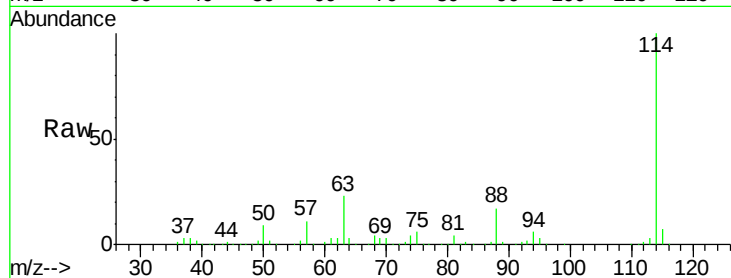
Tot Ion:114 Resp: 337122

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

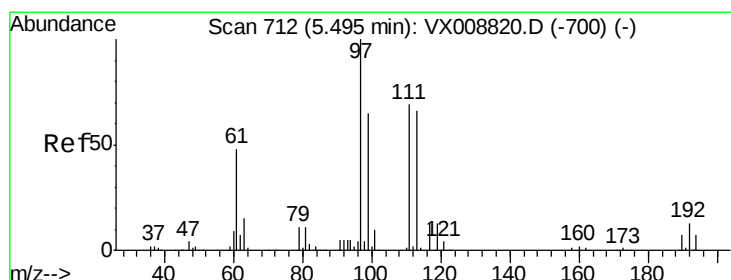
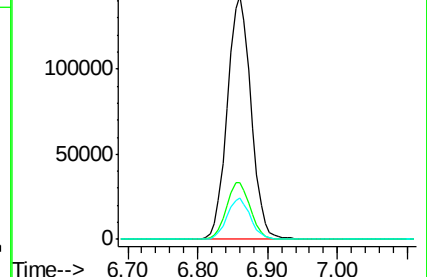
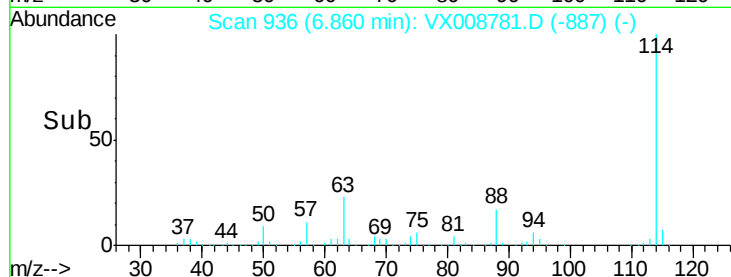
88 17.2 0.0 34.0



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: 46.742 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

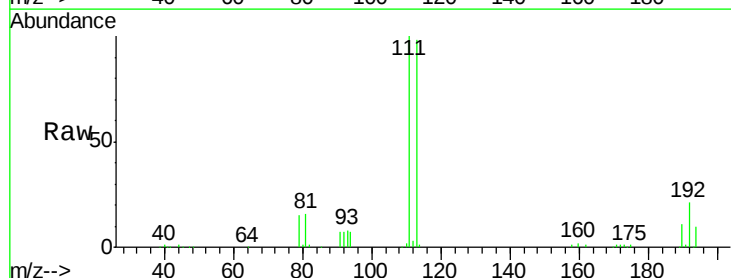
Tgt Ion:113 Resp: 100749

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

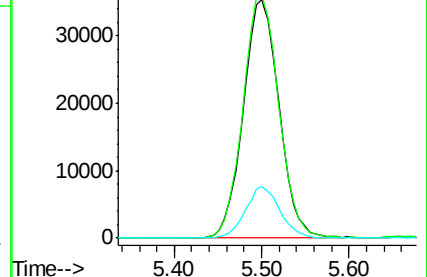
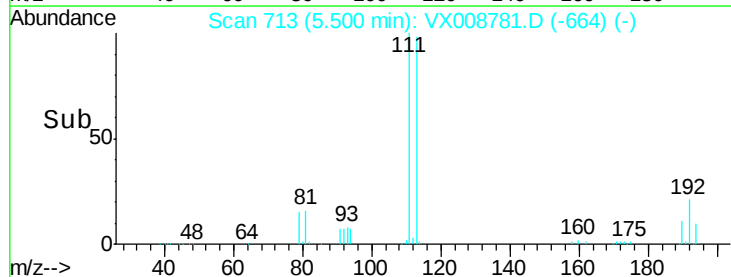
192 20.8 16.1 24.1

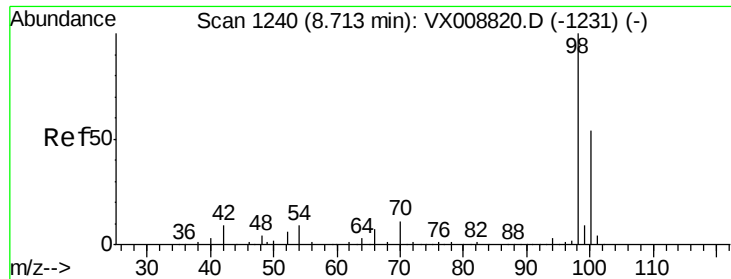


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.074 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

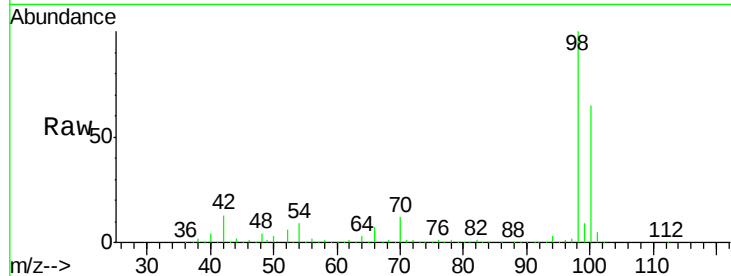
WS040819

Tot Ion: 98 Resp: 421174

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

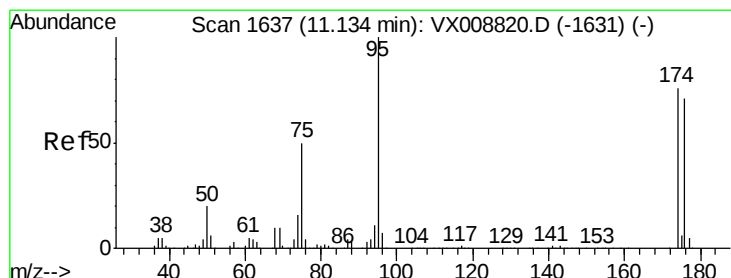
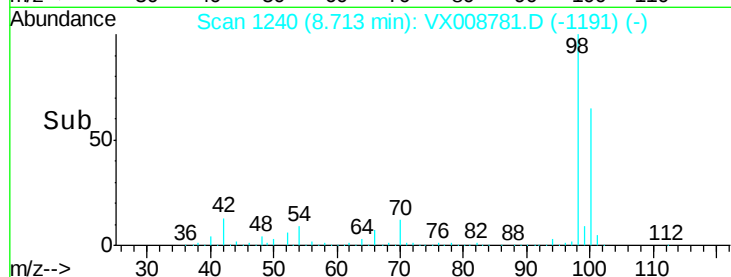
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

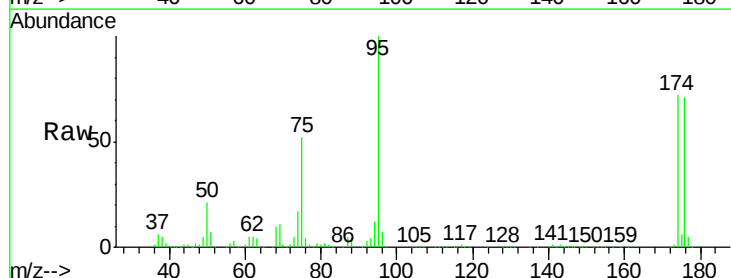
Tgt Ion: 95 Resp: 137090

Ion Ratio Lower Upper

95 100

174 77.6 0.0 151.8

176 75.9 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

11.13

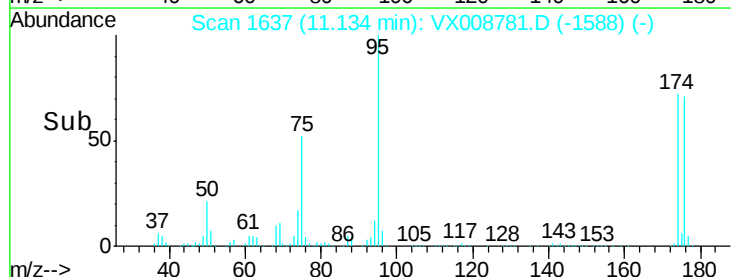
150000

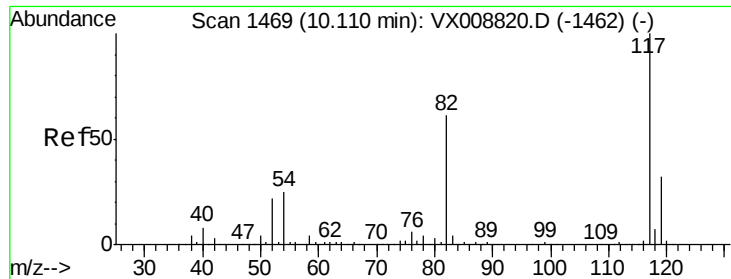
100000

50000

0

Time--> 11.05 11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008781.D

Acq: 09 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

WS040819

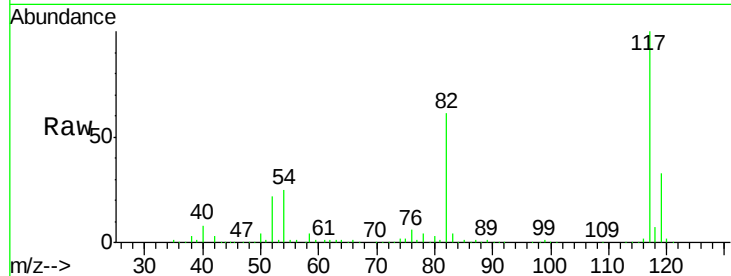
Tot Ion:117 Resp: 288808

Ion Ratio Lower Upper

117 100

82 61.1 49.6 74.4

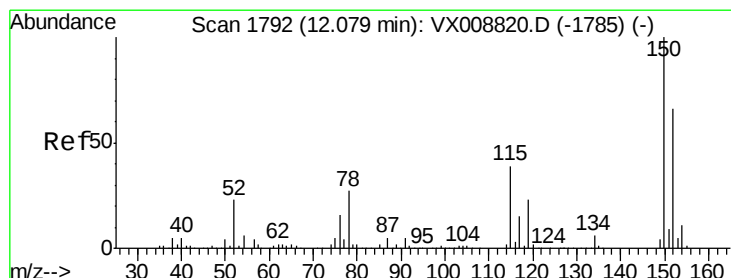
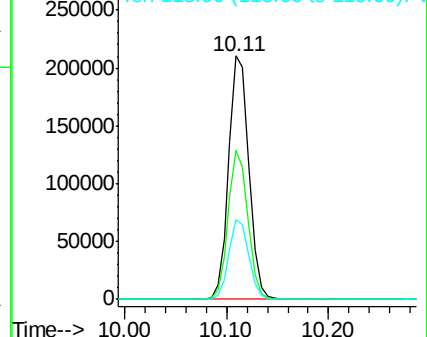
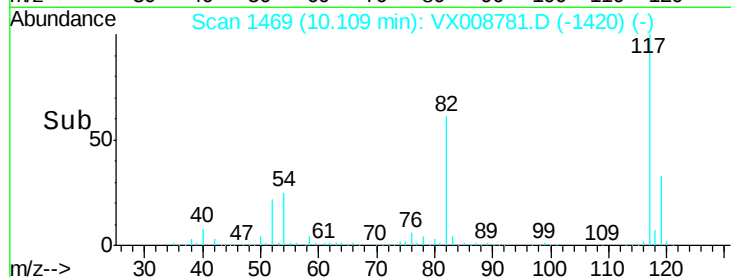
119 32.8 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX008781.D

Acq: 09 Apr 2019 19:19

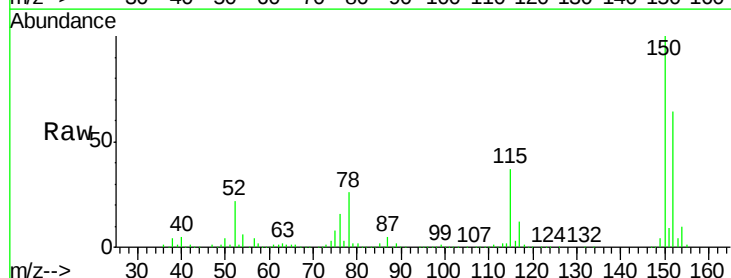
Tgt Ion:152 Resp: 119301

Ion Ratio Lower Upper

152 100

115 59.9 43.5 130.5

150 156.7 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

