

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009421.D
 Acq On : 09 May 2019 12:41
 Operator : JC/SP
 Sample : K2735-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-190507

Quant Time: May 10 07:34:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

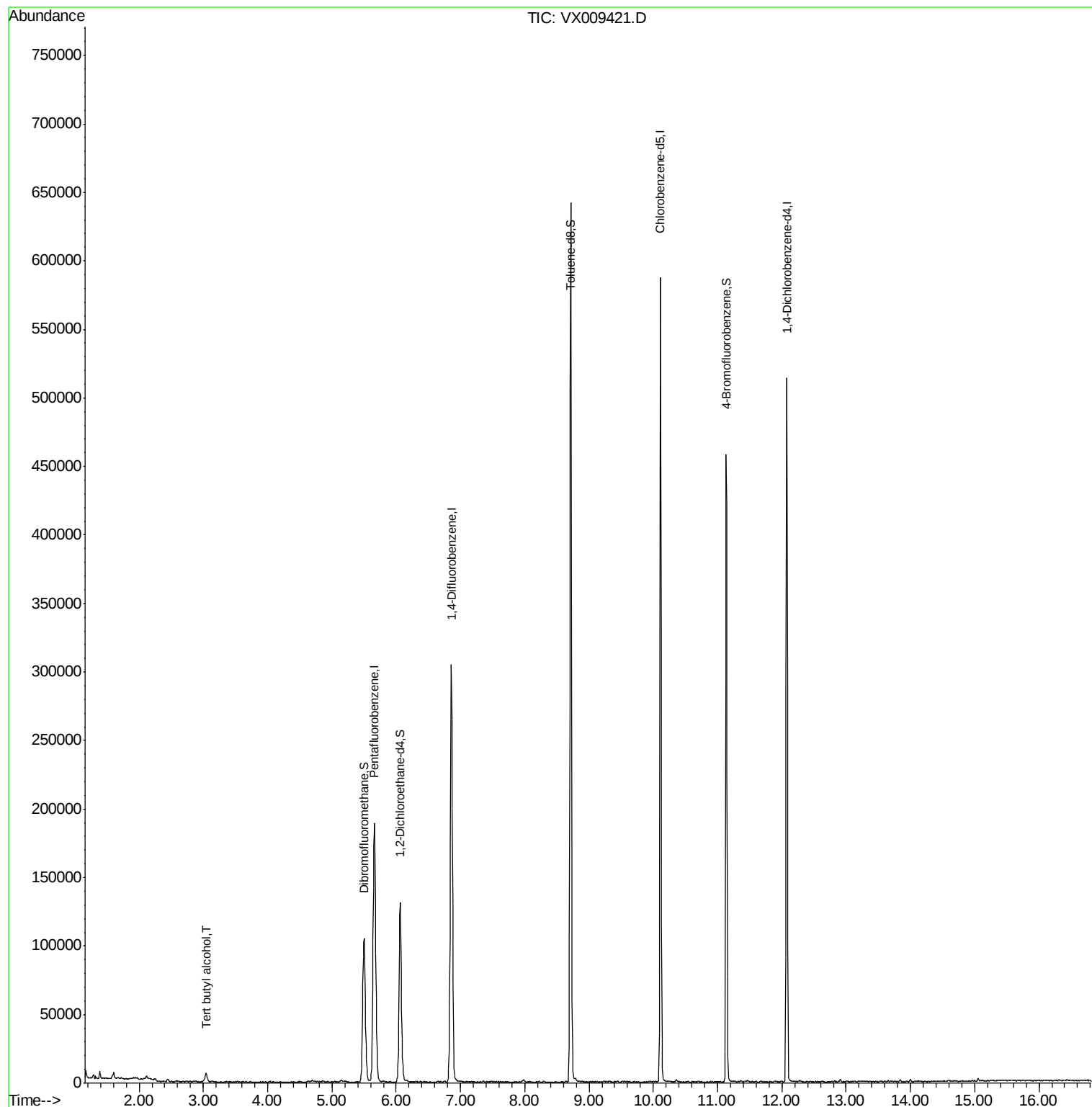
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122576	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	91831	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	372035	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	121448	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	7385	12.483	ug/l #	92

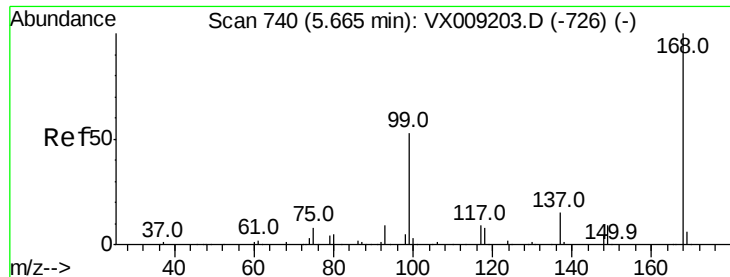
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009421.D

Acq: 09 May 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

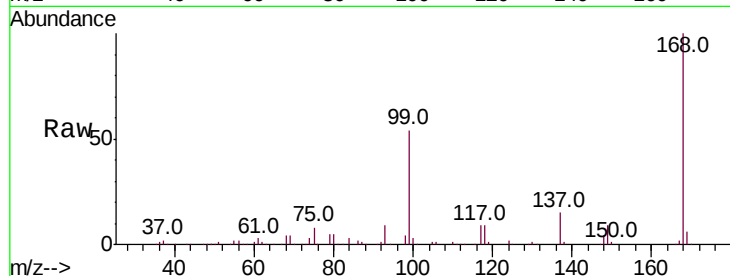
RB-190507

Tot Ion:168 Resp: 187225

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009421.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX009421.D (-691) (-)

5.66

60000

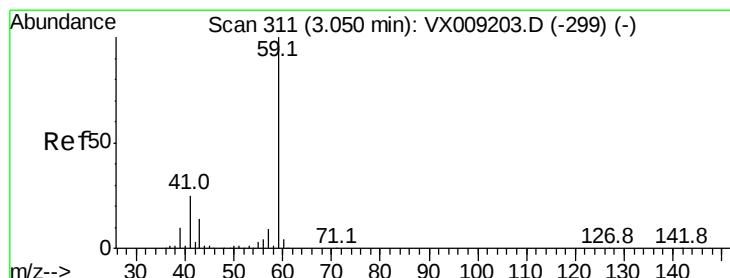
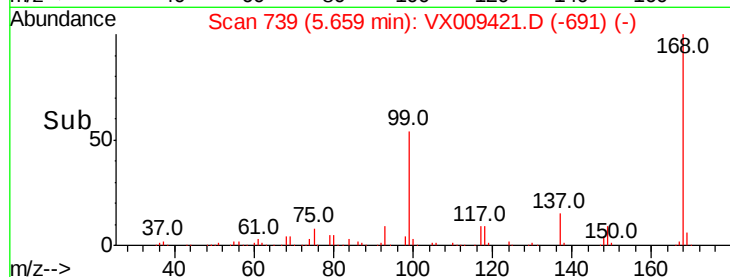
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 12.483 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009421.D

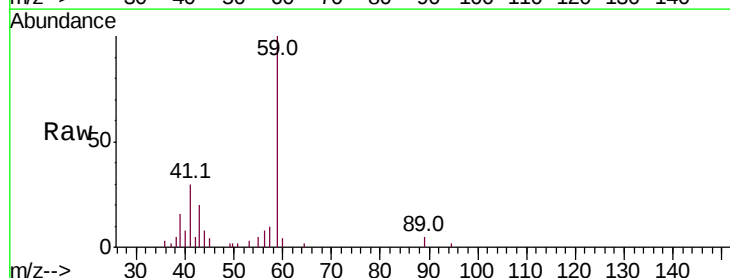
Acq: 09 May 2019 12:41

Tgt Ion: 59 Resp: 7385

Ion Ratio Lower Upper

59 100

57 13.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX009421.D (-262) (-)

Ion 57.00 (56.70 to 57.70): VX009421.D (-262) (-)

3.04

3000

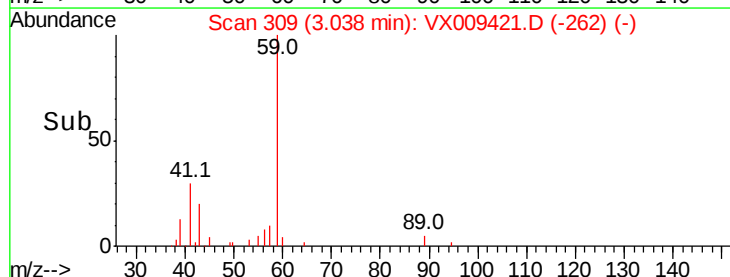
2000

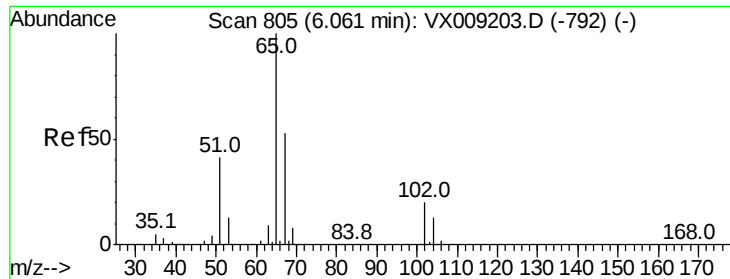
1000

0

Time-->

3.00 3.10





#33

1,2-Dichloroethane-d4

Concen: 47.959 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009421.D

Acq: 09 May 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

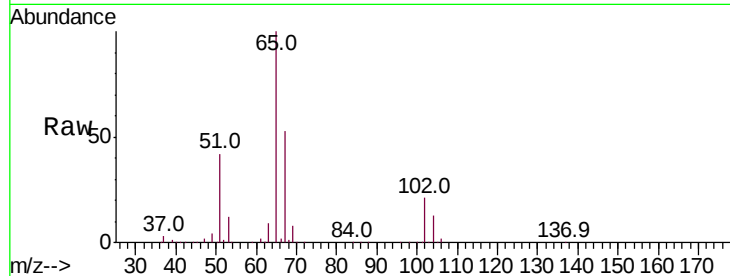
RB-190507

Tot Ion: 65 Resp: 122576

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

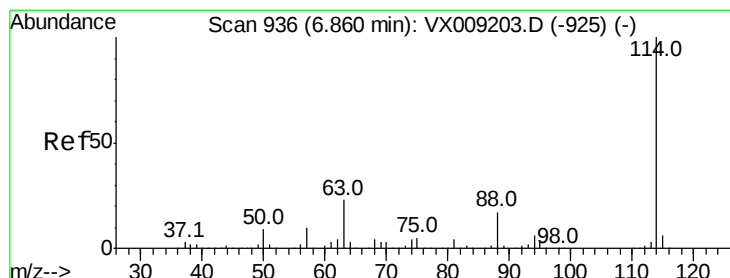
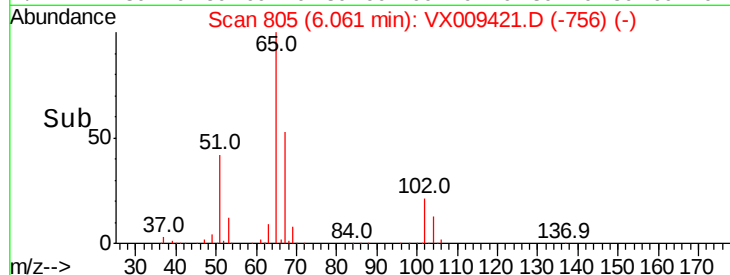
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009421.D

Acq: 09 May 2019 12:41

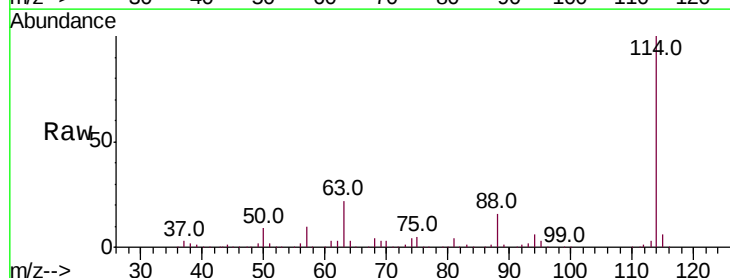
Tgt Ion:114 Resp: 299901

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.2 0.0 33.2



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

6.86

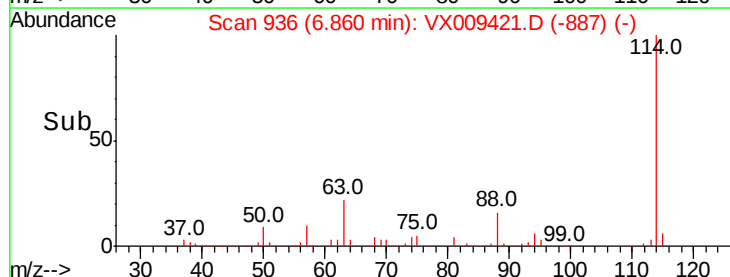
150000

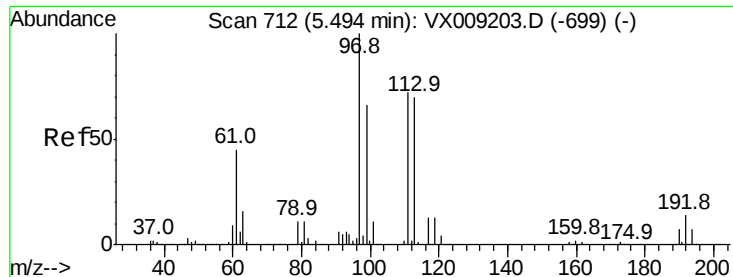
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

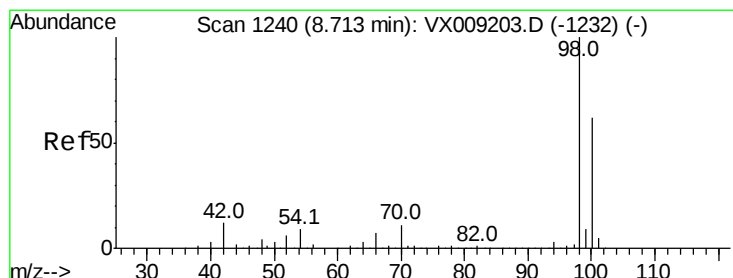
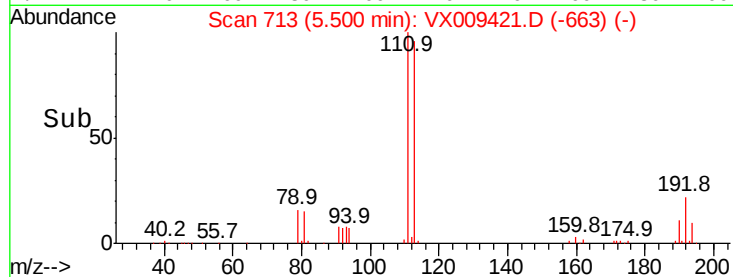
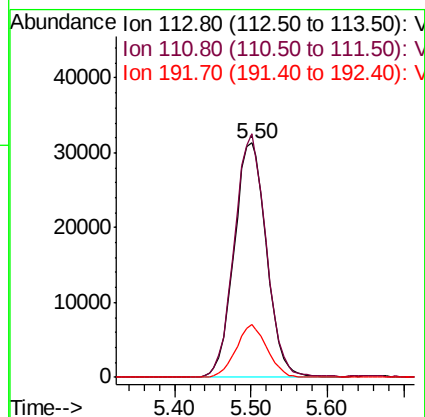
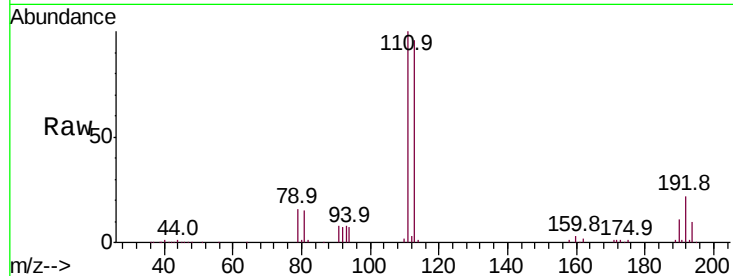




#35
 Dibromofluoromethane
 Concen: 48.709 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009421.D
 Acq: 09 May 2019 12:41

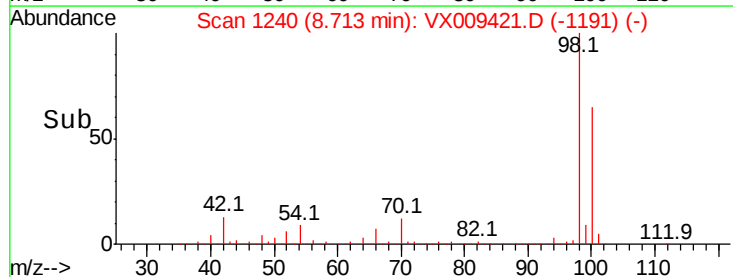
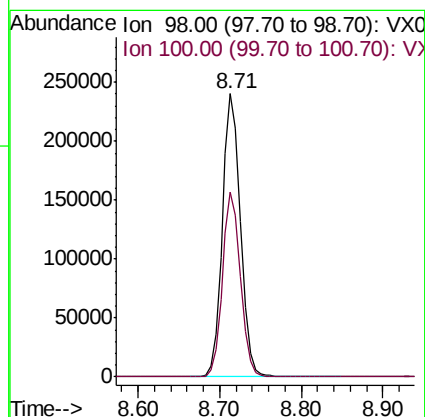
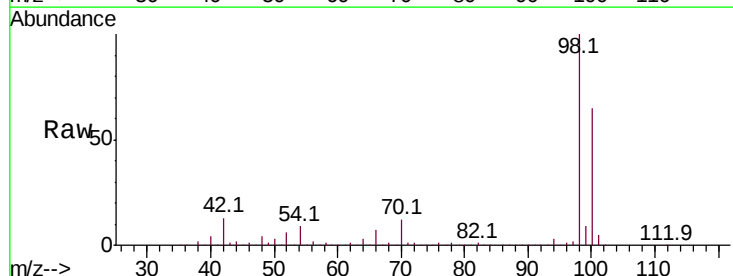
Instrument :
 MSVOA_X
 ClientSampleId :
 RB-190507

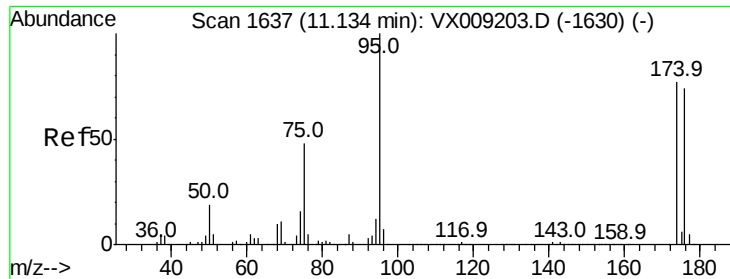
Tot Ion:113 Resp: 91831
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.8 124.2
 192 21.6 17.0 25.6



#50
 Toluene-d8
 Concen: 48.879 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009421.D
 Acq: 09 May 2019 12:41

Tgt Ion: 98 Resp: 372035
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.912 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009421.D

Acq: 09 May 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

RB-190507

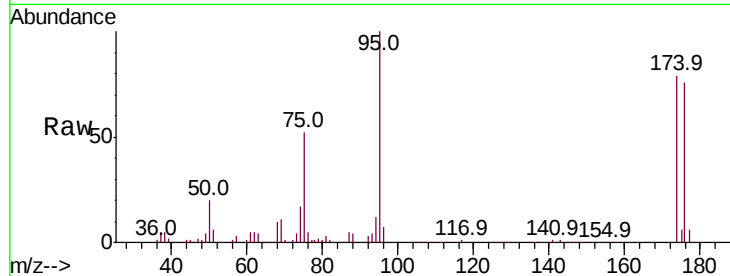
Tot Ion: 95 Resp: 121448

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

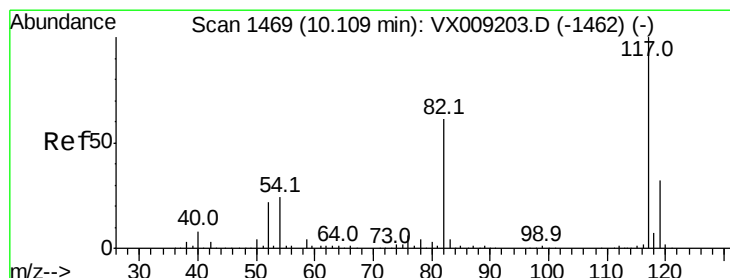
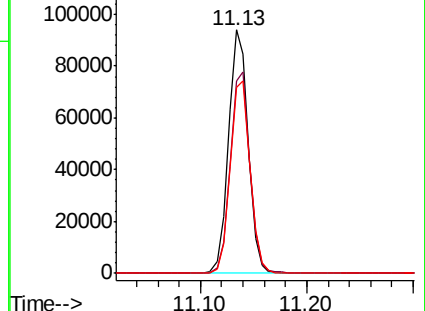
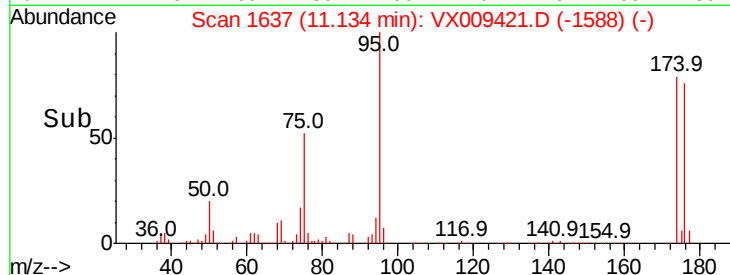
176 80.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009421.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009421.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009421.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009421.D

Acq: 09 May 2019 12:41

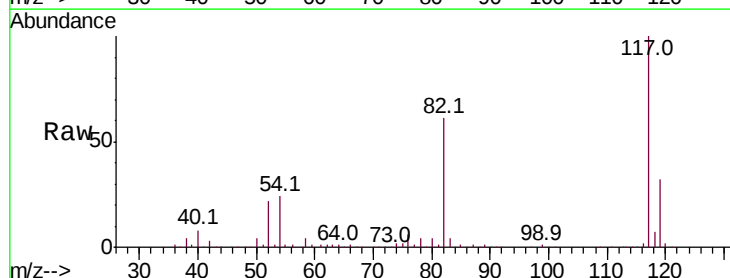
Tgt Ion: 117 Resp: 257176

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

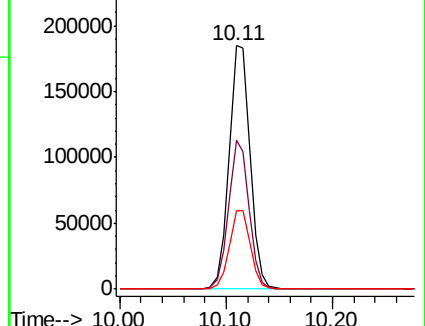
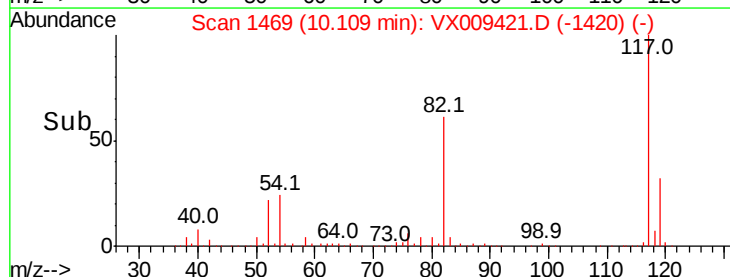
119 32.3 25.8 38.6

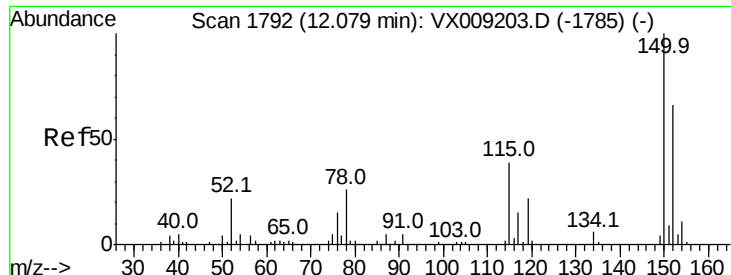


Abundance Ion 116.90 (116.60 to 117.60): VX009421.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009421.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009421.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: VX009421.D
 Acq: 09 May 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-190507

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.2	123.6
150	158.4	0.0	346.4

