

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007528.D
 Acq On : 13 Feb 2019 18:44
 Operator : JC/SP
 Sample : K1463-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T0-02-INF(PRE-GAC)

Quant Time: Feb 14 10:56:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

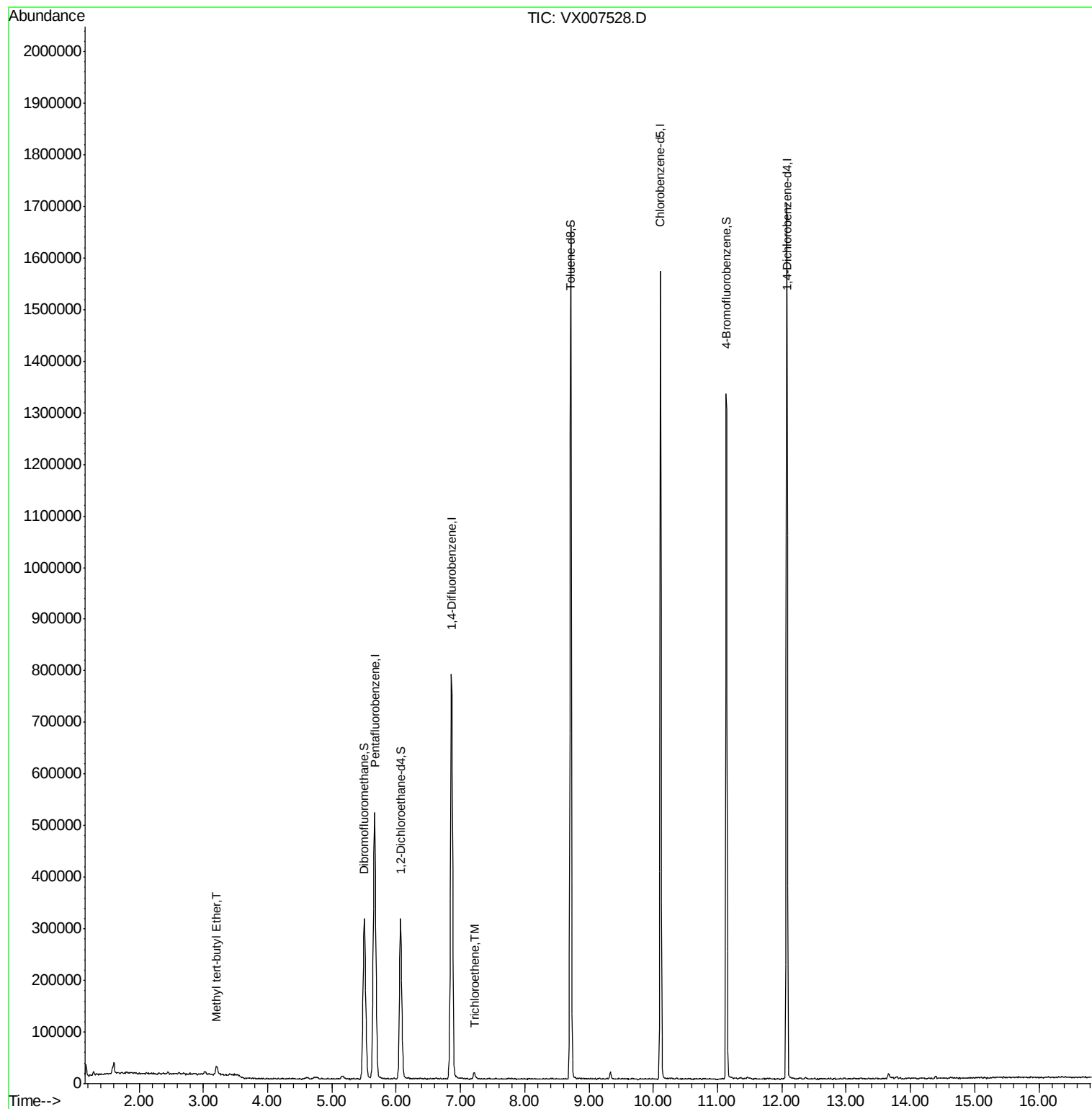
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	530803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	767613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287965	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.51	113	266038	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	992901	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	346702	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	20382	1.241	ug/l	98
44) Trichloroethene	7.22	130	5519	0.827	ug/l	93

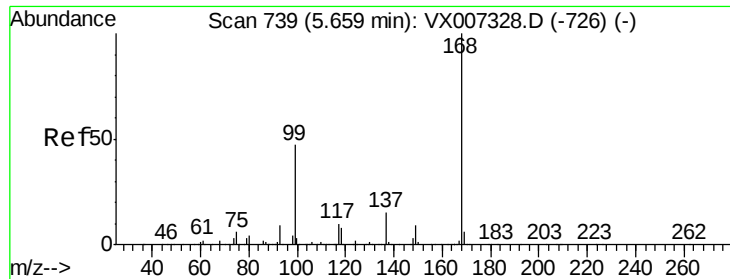
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007528.D

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Instrument :

MSVOA_X

ClientSampleId :

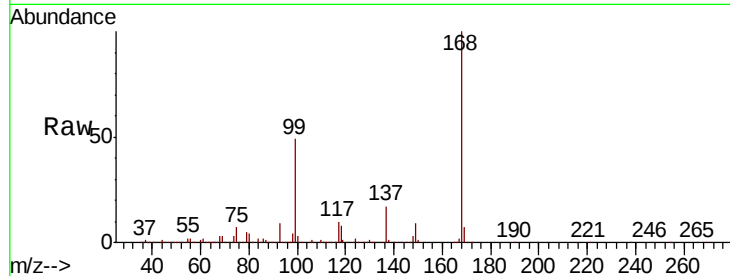
M2-T0-02-INF(PRE-GAC)

Tot Ion:168 Resp: 530803

Ion Ratio Lower Upper

168 100

99 48.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

100000

50000

0

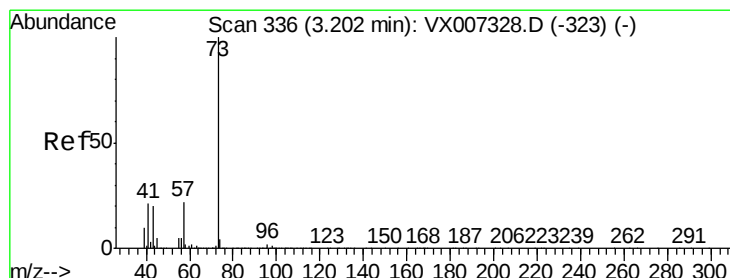
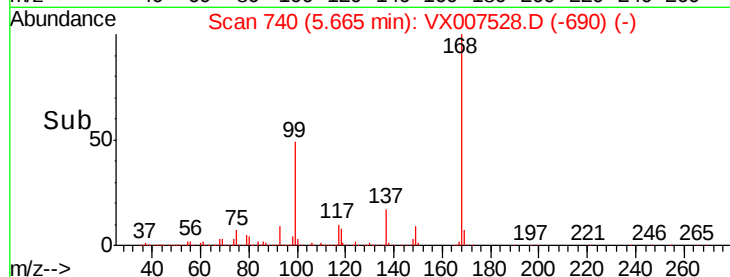
Time-->

5.50

5.60

5.70

5.80



#19

Methyl tert-butyl Ether

Concen: 1.241 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007528.D

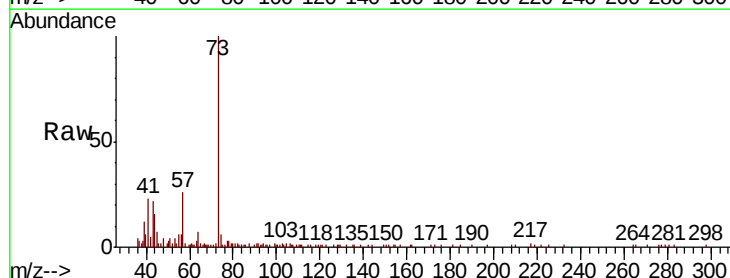
Acq: 13 Feb 2019 18:44

Tgt Ion: 73 Resp: 20382

Ion Ratio Lower Upper

73 100

57 23.4 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

10000

8000

6000

4000

2000

0

Time-->

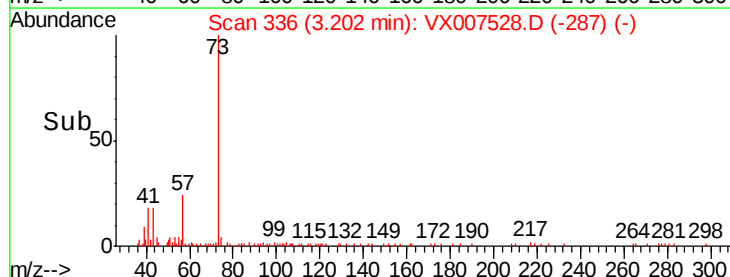
3.10

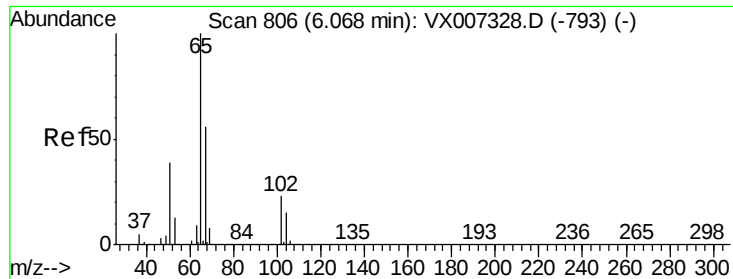
3.15

3.20

3.25

3.30





#33

1,2-Dichloroethane-d4

Concen: 51.112 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007528.D

Acq: 13 Feb 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

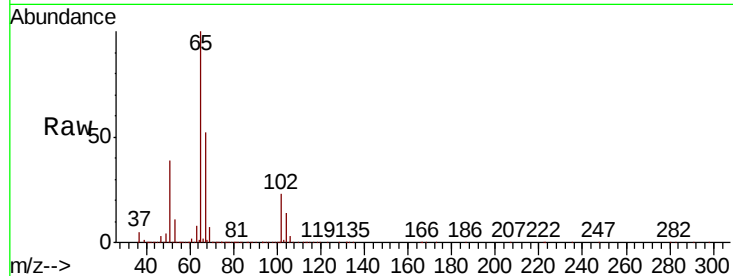
M2-T0-02-INF(PRE-GAC)

Tot Ion: 65 Resp: 287965

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

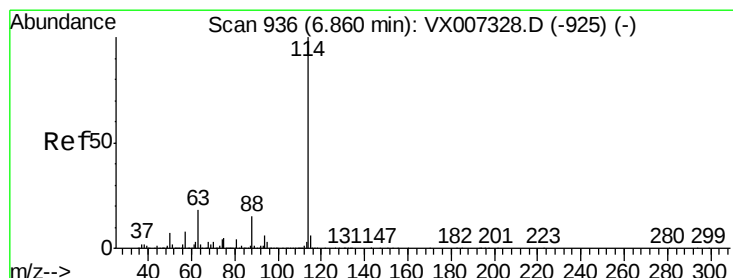
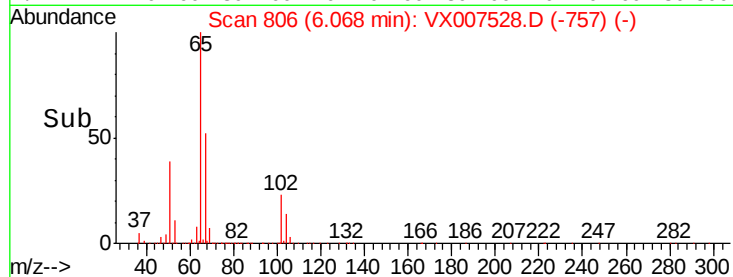
60000

40000

20000

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: VX007528.D

Acq: 13 Feb 2019 18:44

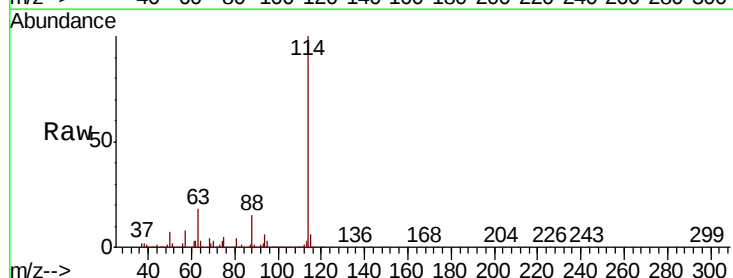
Tgt Ion: 114 Resp: 838103

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 15.1 0.0 29.6



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

400000

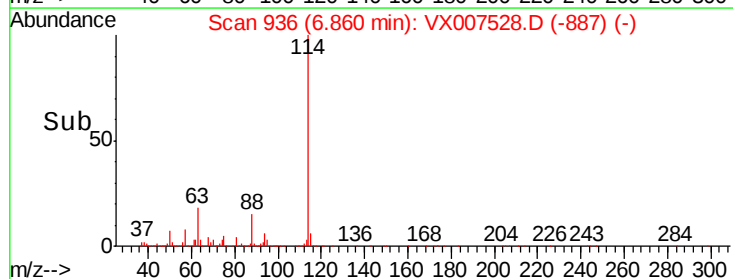
300000

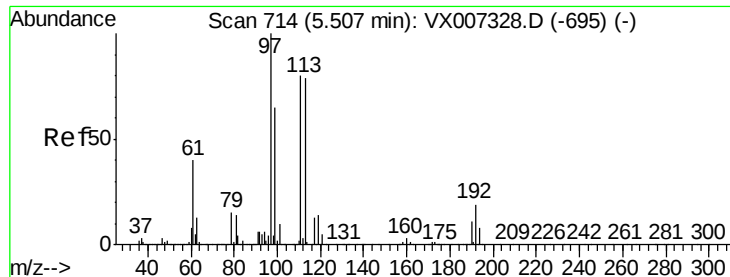
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.785 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007528.D

Acq: 13 Feb 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

M2-T0-02-INF(PRE-GAC)

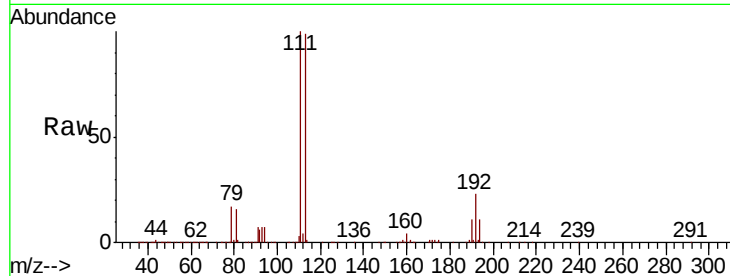
Tot Ion:113 Resp: 266038

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

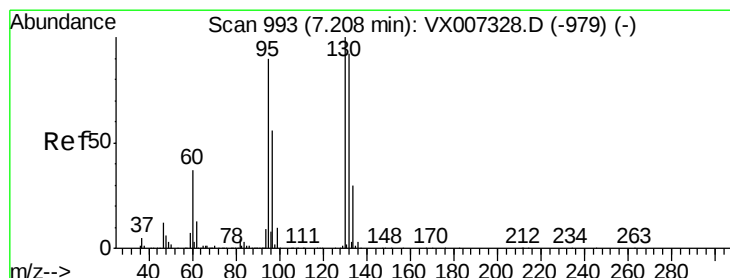
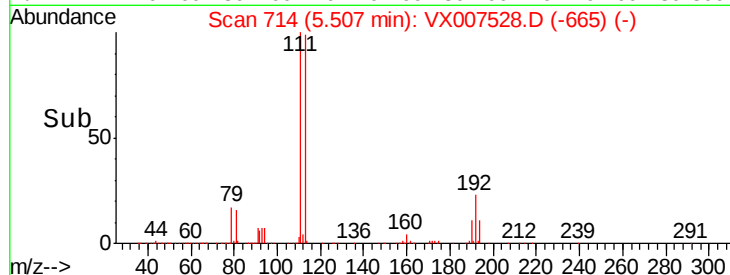
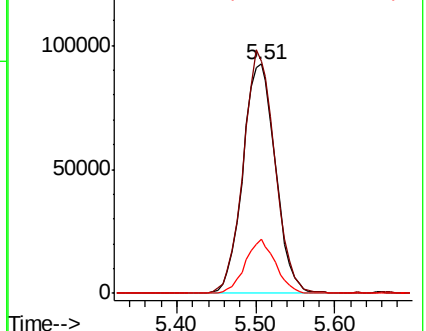
192 21.8 18.5 27.7



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



#44

Trichloroethene

Concen: 0.827 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007528.D

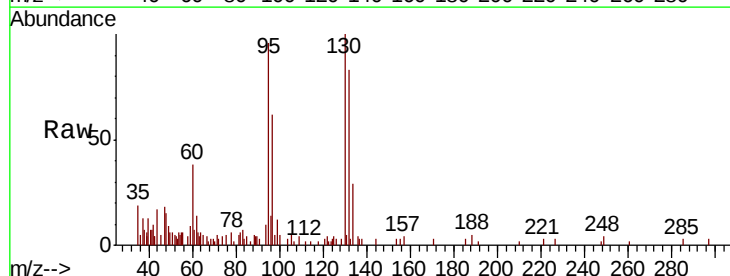
Acq: 13 Feb 2019 18:44

Tgt Ion:130 Resp: 5519

Ion Ratio Lower Upper

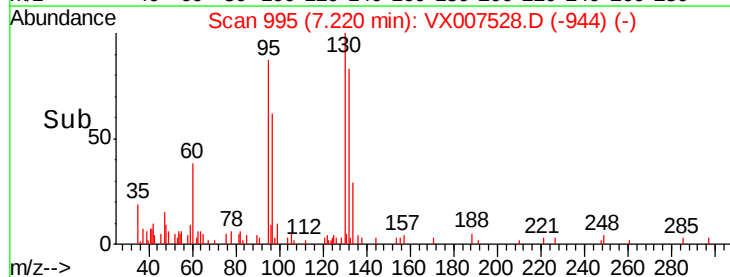
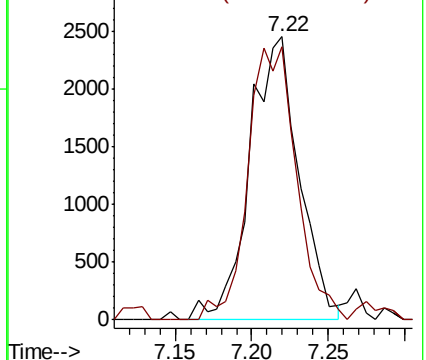
130 100

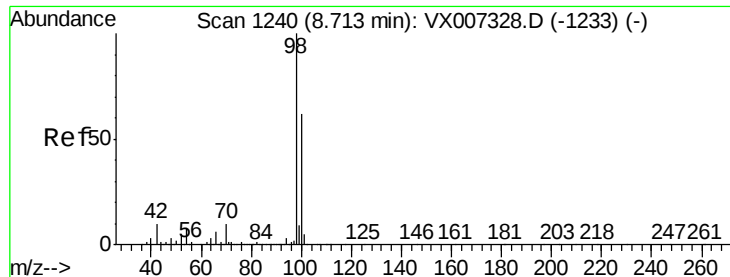
95 96.4 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.075 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007528.D

Acq: 13 Feb 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

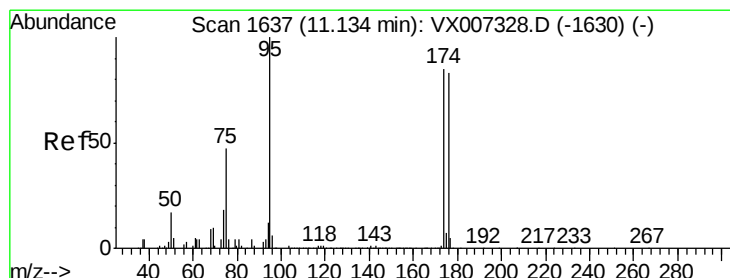
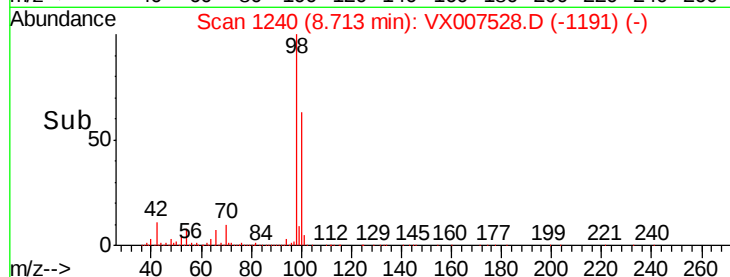
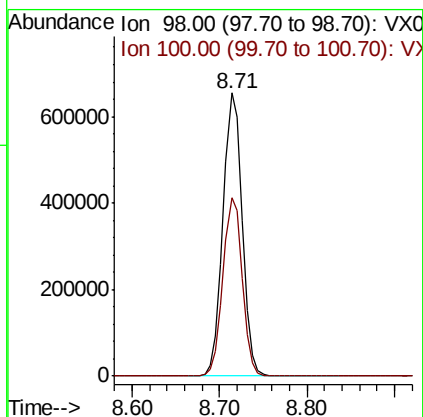
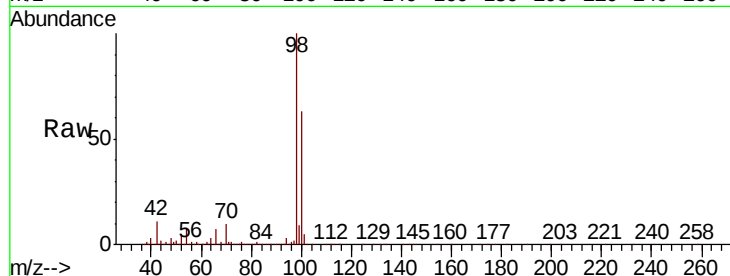
M2-T0-02-INF(PRE-GAC)

Tot Ion: 98 Resp: 992901

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.935 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007528.D

Acq: 13 Feb 2019 18:44

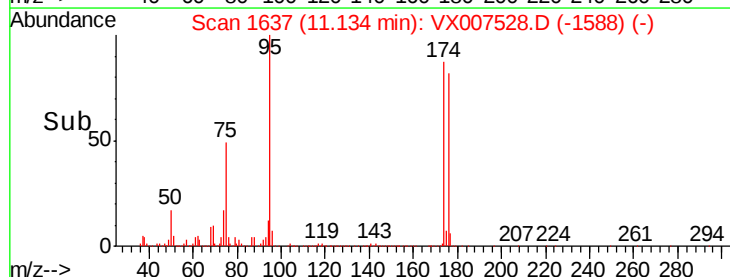
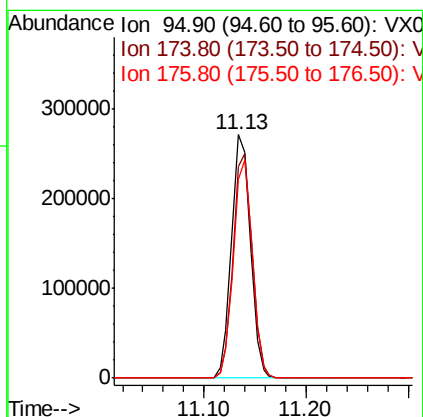
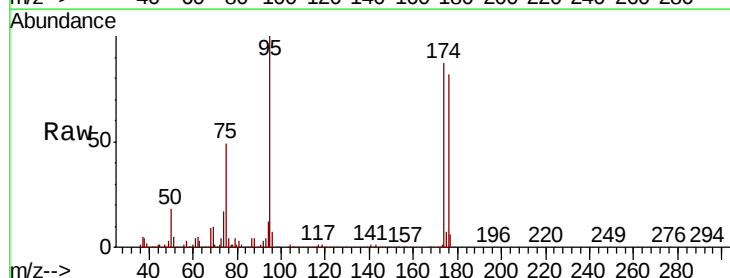
Tgt Ion: 95 Resp: 346702

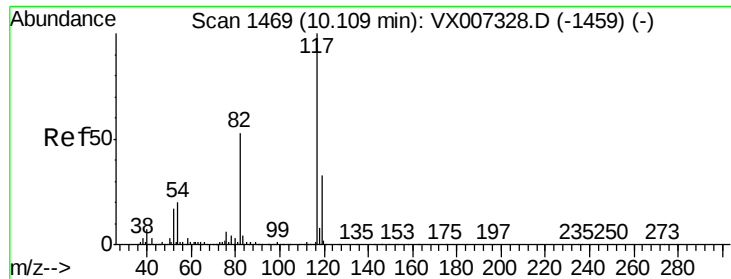
Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 89.6 0.0 186.2

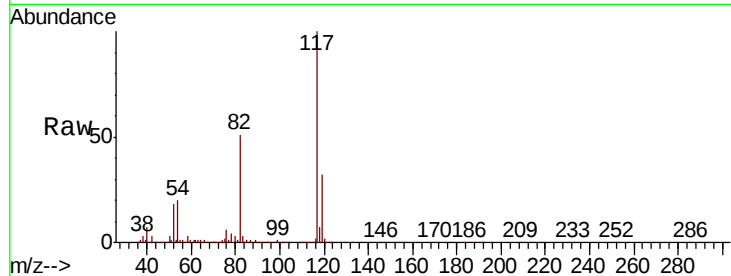




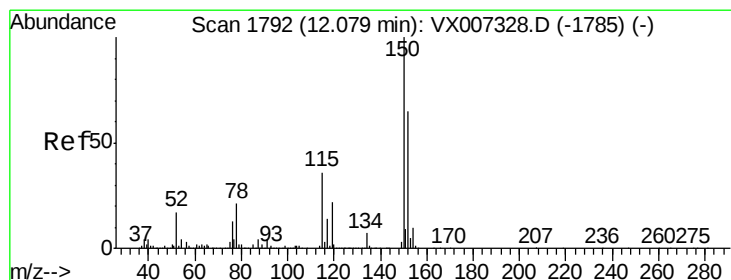
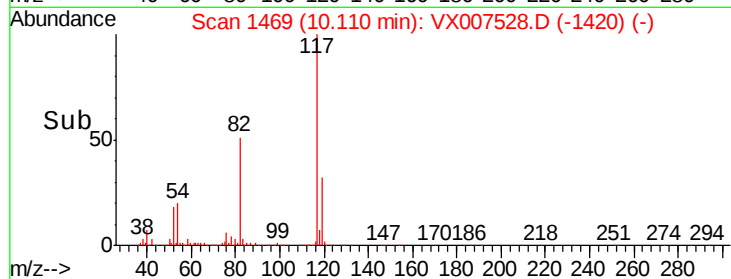
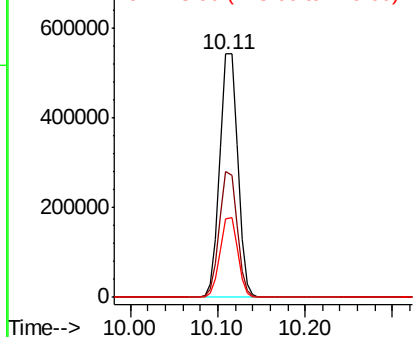
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tot Ion:117 Resp: 767613
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.3 26.5 39.7

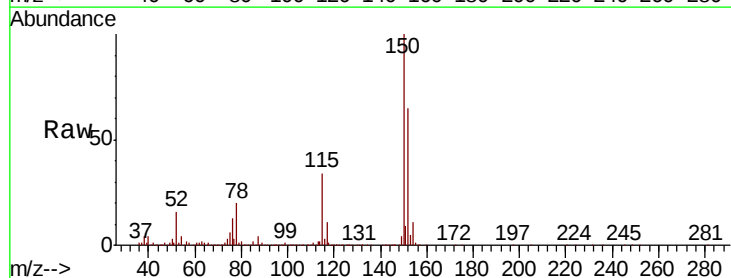


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VXO
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion:152 Resp: 371253
Ion Ratio Lower Upper
152 100
115 55.1 38.0 114.0
150 156.2 0.0 346.4



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

