

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006620.D
 Acq On : 19 Dec 2018 02:05
 Operator : JC/MD
 Sample : J6408-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ182I-20181208

Quant Time: Dec 19 07:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

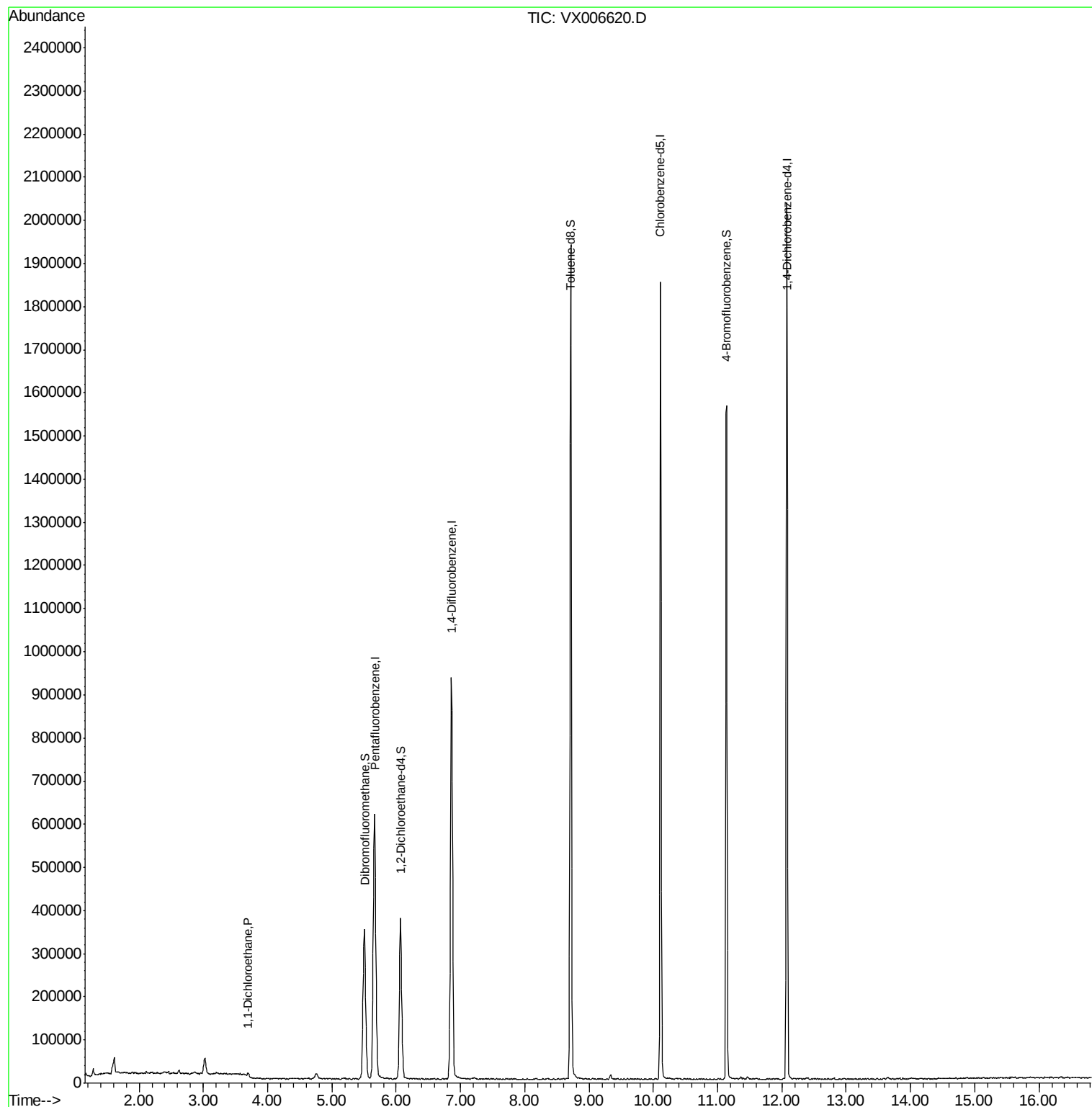
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	622022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	987220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	922383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	349347	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	5.51	113	296679	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	8.71	98	1185605	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	426633	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
24) 1,1-Dichloroethane	3.69	63	12576	1.231	ug/l	Qvalue 99

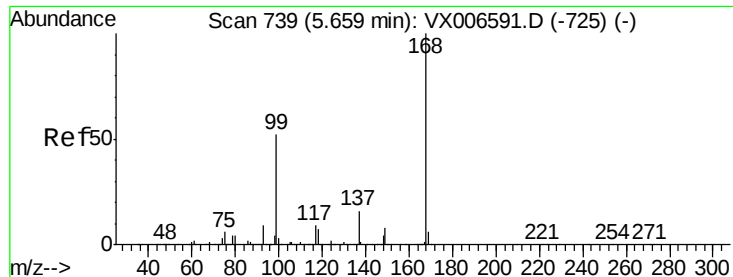
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006620.D

Acq: 19 Dec 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

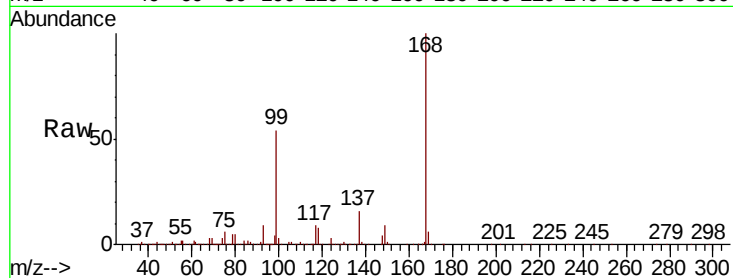
SA.PZ182I-20181208

Tot Ion:168 Resp: 622022

Ion Ratio Lower Upper

168 100

99 53.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

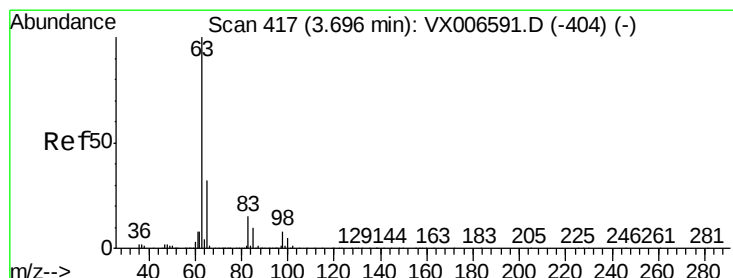
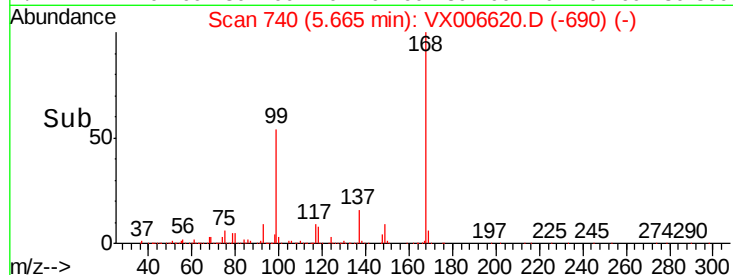
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.231 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX006620.D

Acq: 19 Dec 2018 02:05

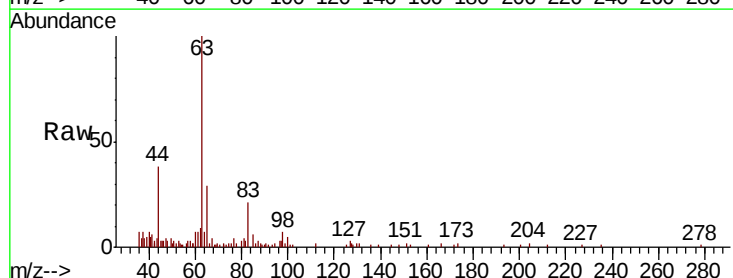
Tgt Ion: 63 Resp: 12576

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

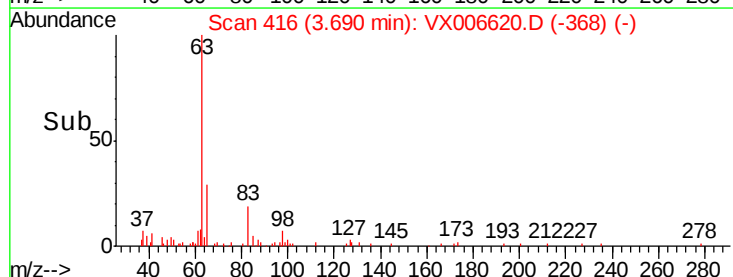
6000

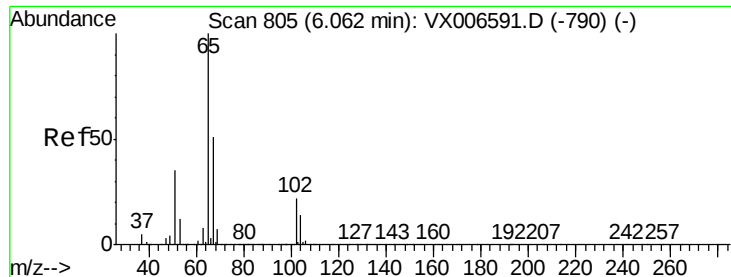
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.111 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006620.D

Acq: 19 Dec 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

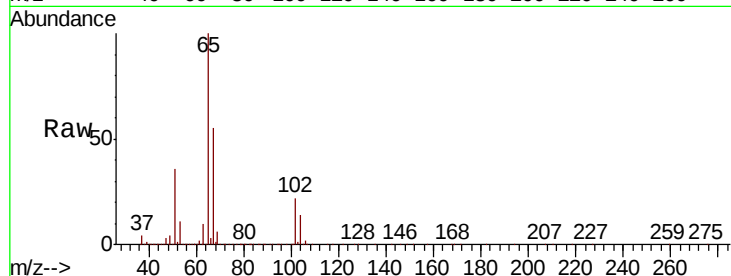
SA.PZ182I-20181208

Tot Ion: 65 Resp: 349347

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

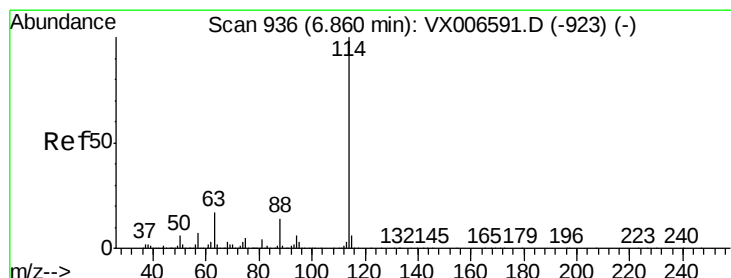
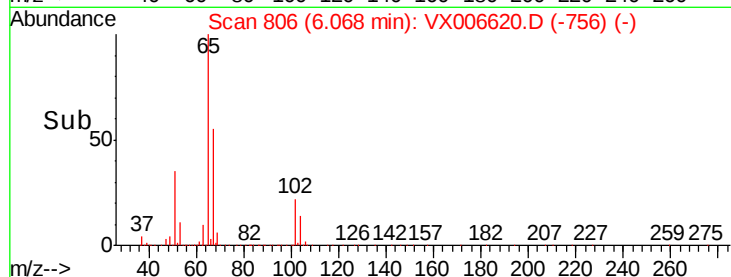
150000

100000

50000

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: VX006620.D

Acq: 19 Dec 2018 02:05

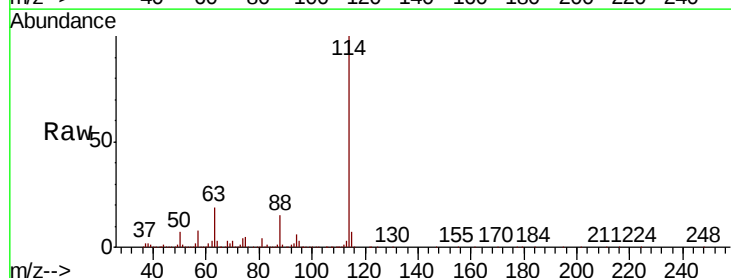
Tgt Ion: 114 Resp: 987220

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 15.1 0.0 29.0



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

6.86

500000

400000

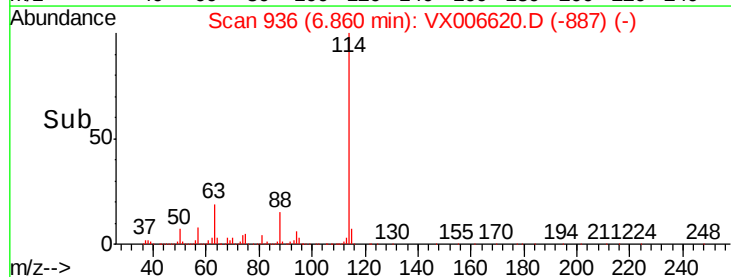
300000

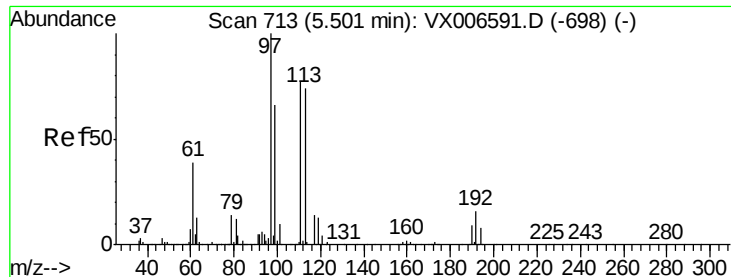
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.522 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006620.D

Acq: 19 Dec 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ182I-20181208

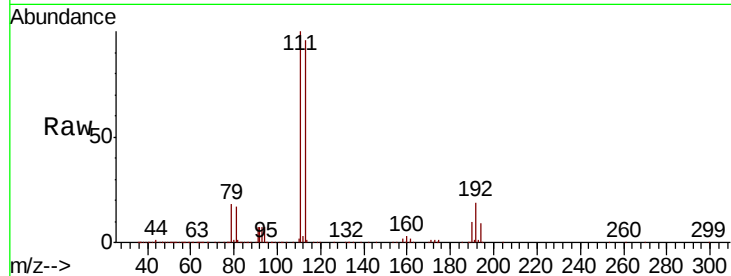
Tot Ion:113 Resp: 296679

Ion Ratio Lower Upper

113 100

111 103.7 81.1 121.7

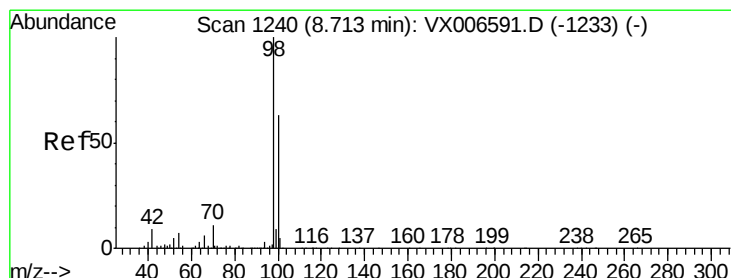
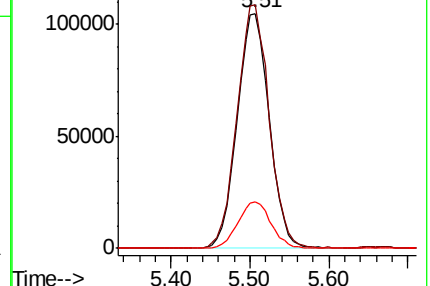
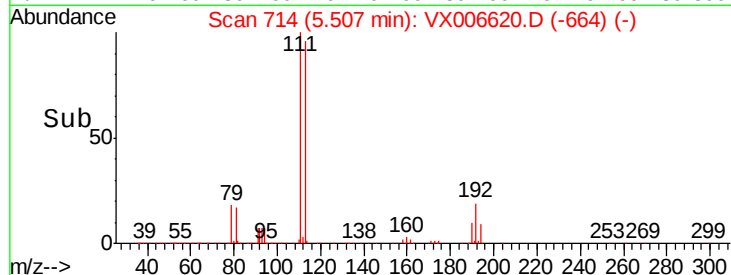
192 20.3 18.2 27.2



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: 50.373 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006620.D

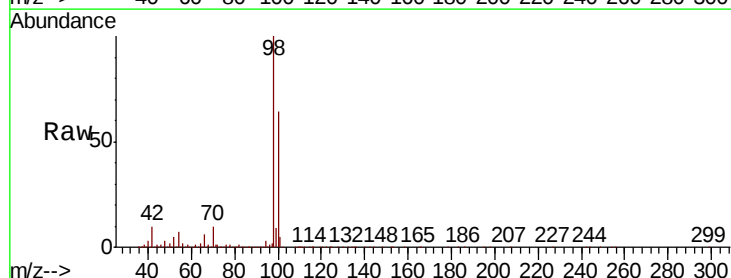
Acq: 19 Dec 2018 02:05

Tgt Ion: 98 Resp: 1185605

Ion Ratio Lower Upper

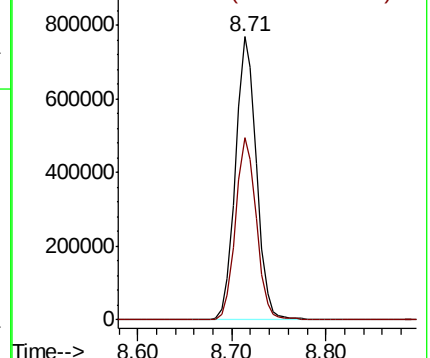
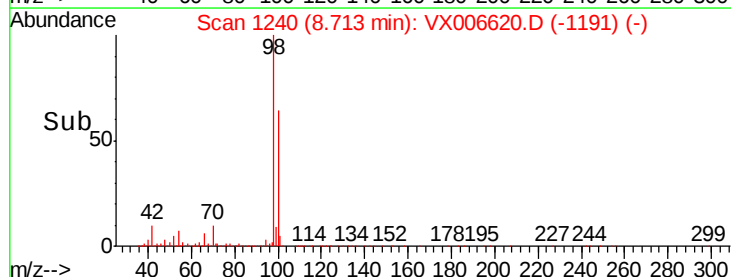
98 100

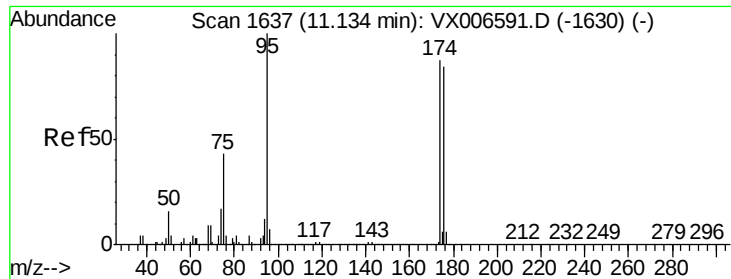
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006620.D

Acq: 19 Dec 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ182I-20181208

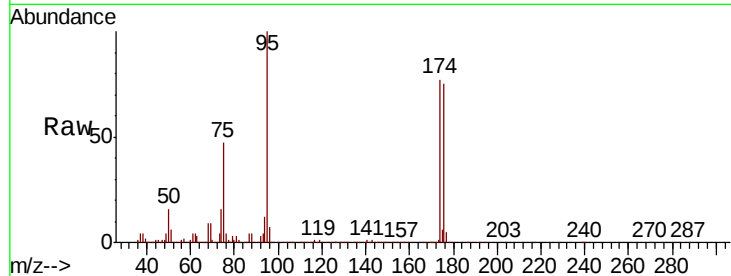
Tot Ion: 95 Resp: 426633

Ion Ratio Lower Upper

95 100

174 86.3 0.0 187.0

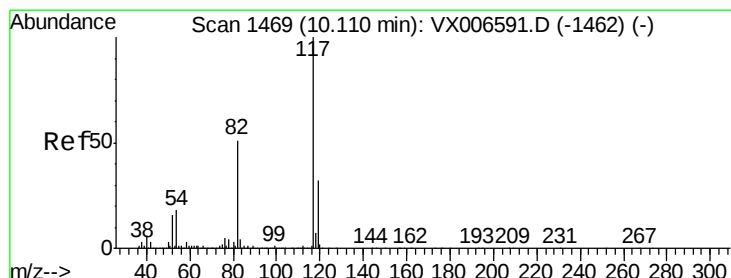
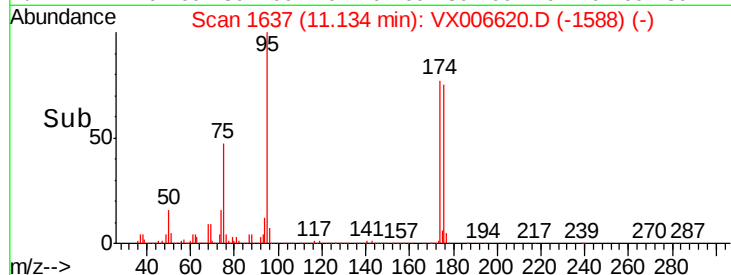
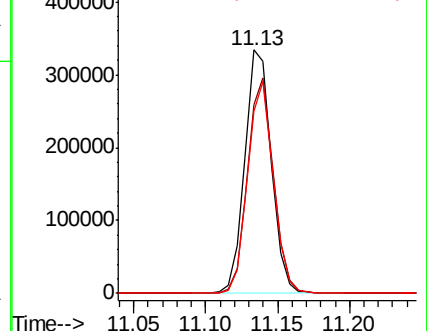
176 83.8 0.0 181.8



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: VX006620.D

Acq: 19 Dec 2018 02:05

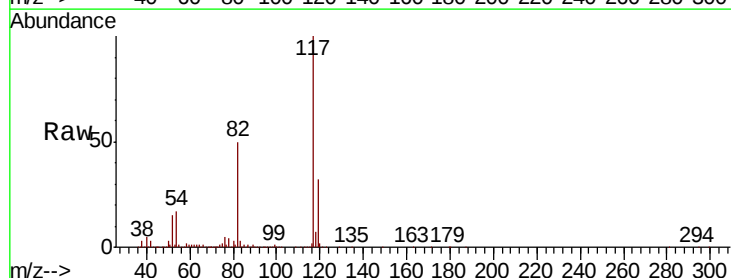
Tgt Ion: 117 Resp: 922383

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

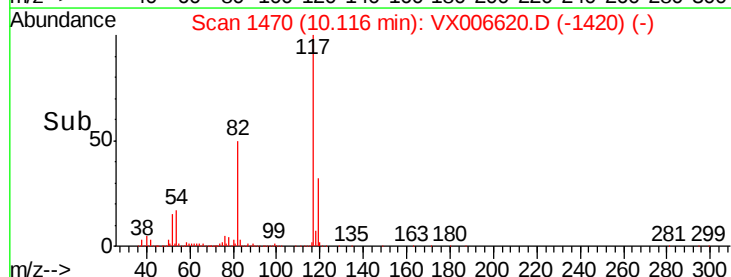
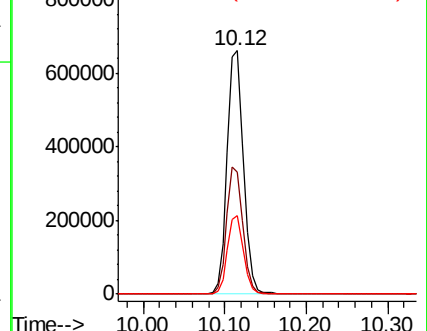
119 32.4 26.3 39.5

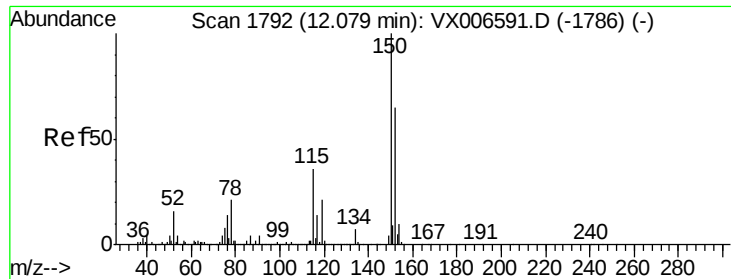


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006620.D

Acq: 19 Dec 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ182I-20181208

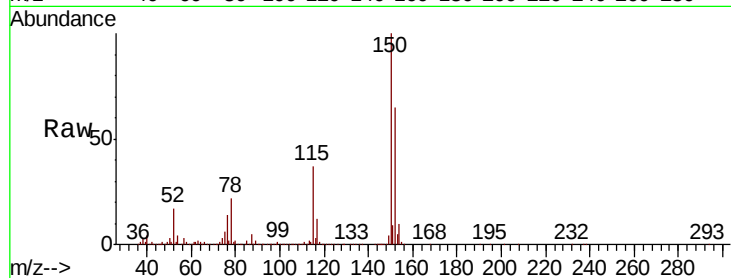
Tot Ion:152 Resp: 441232

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 154.3 0.0 345.8



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

