

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006985.D
 Acq On : 10 Jan 2019 13:08
 Operator : JC/MD
 Sample : K1098-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-2

Quant Time: Jan 11 07:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	631812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	977363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	893138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430064	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	336782	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	5.51	113	301285	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1149666	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	405211	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	

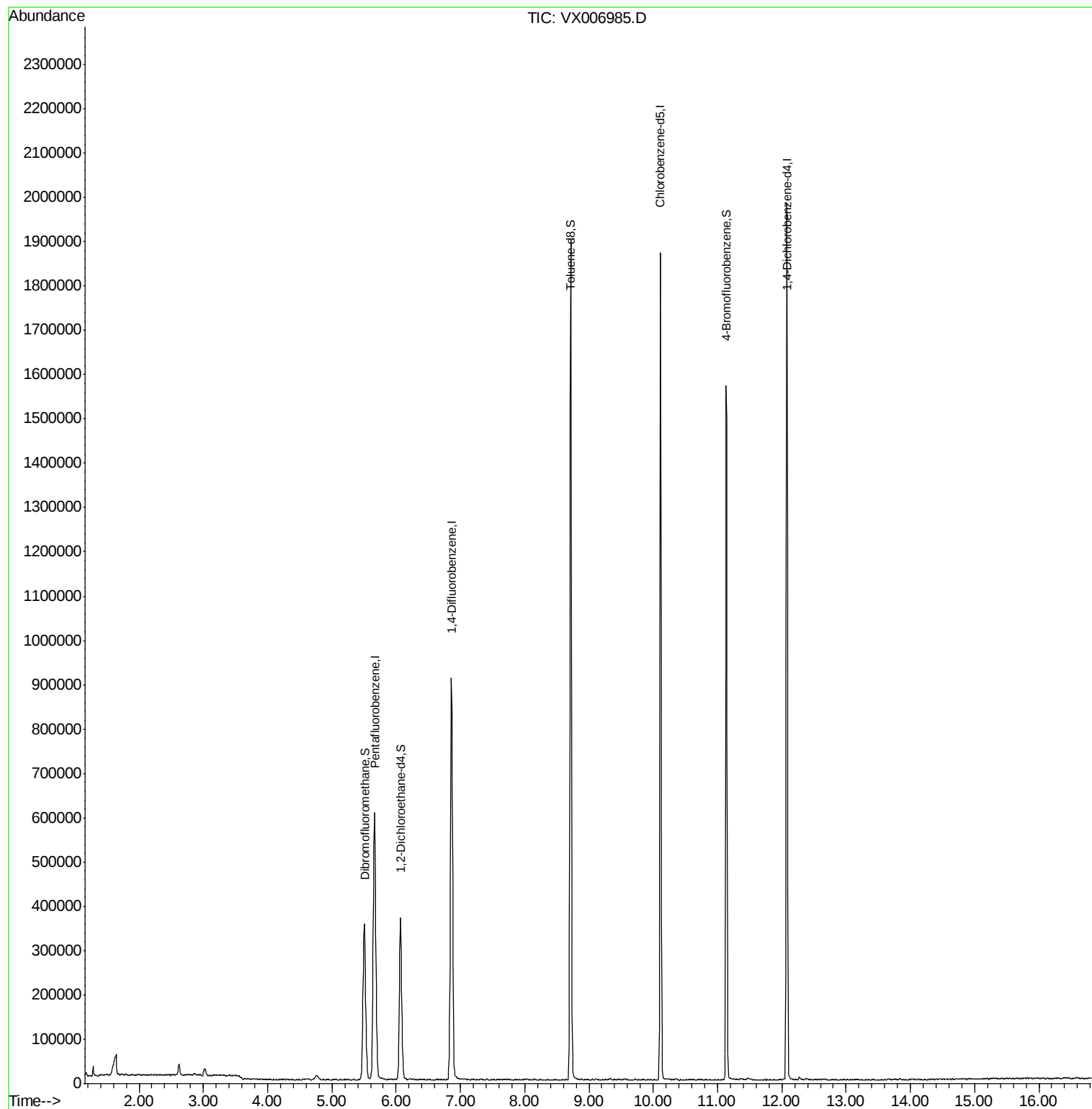
Target Compounds	Qvalue
------------------	--------

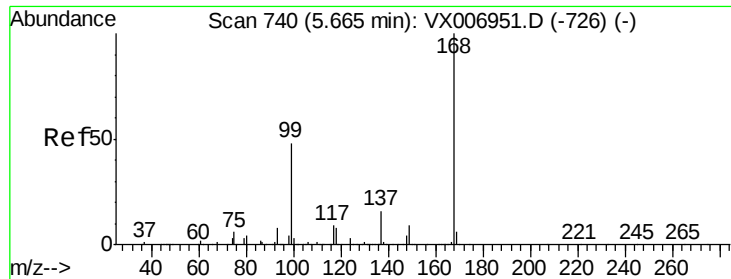
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011019\
Data File : VX006985.D
Acq On : 10 Jan 2019 13:08
Operator : JC/MD
Sample : K1098-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
S32-TB-2019-2

Quant Time: Jan 11 07:37:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006985.D

Acq: 10 Jan 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

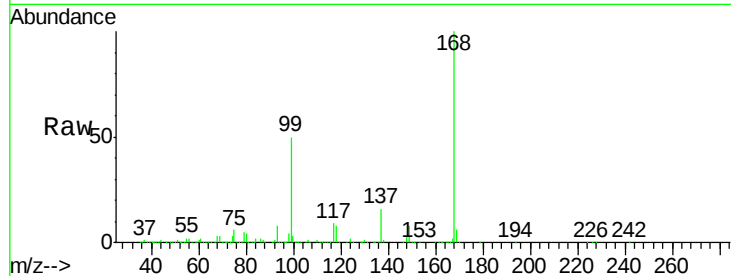
S32-TB-2019-2

Tot Ion:168 Resp: 631812

Ion Ratio Lower Upper

168 100

99 49.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

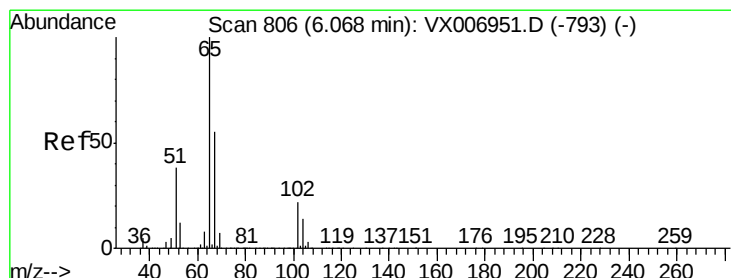
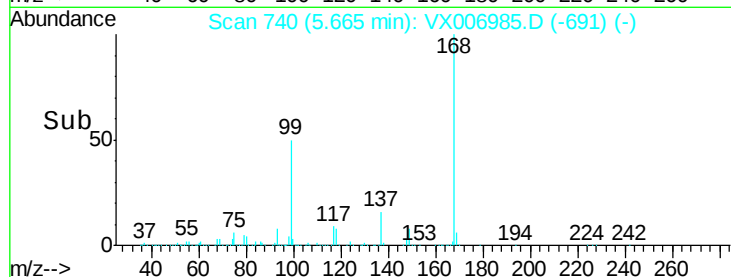
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.005 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006985.D

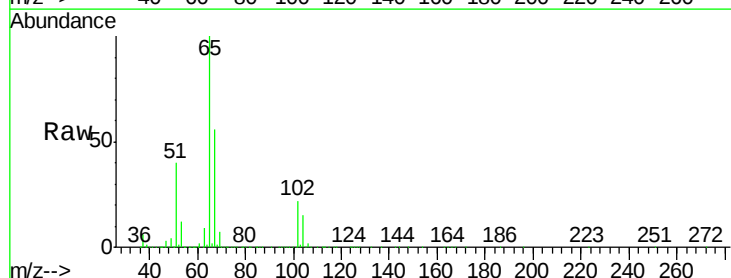
Acq: 10 Jan 2019 13:08

Tgt Ion: 65 Resp: 336782

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

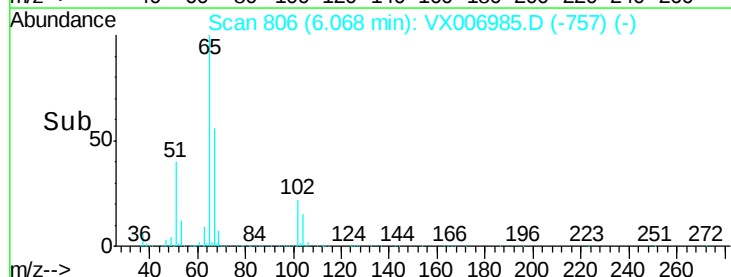
150000

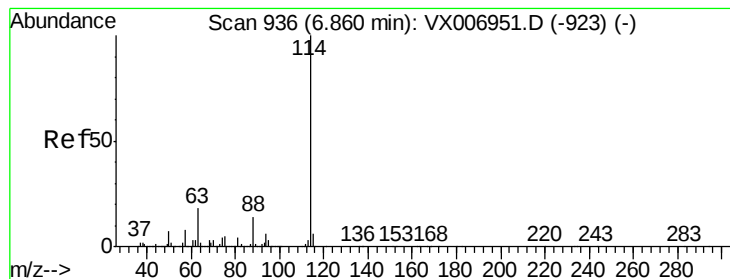
100000

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: VX006985.D

Acq: 10 Jan 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-2

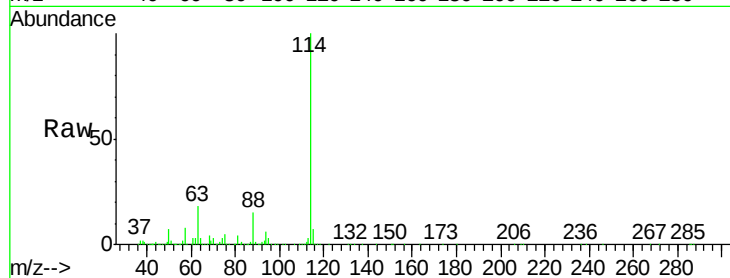
Tot Ion:114 Resp: 977363

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

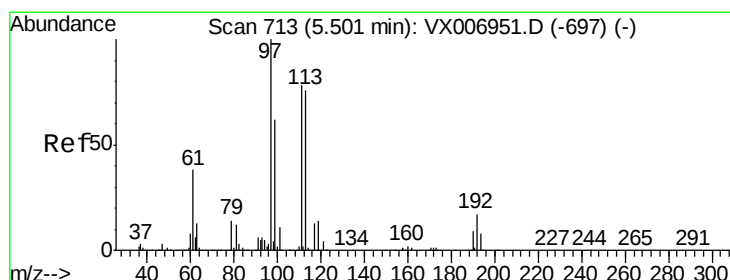
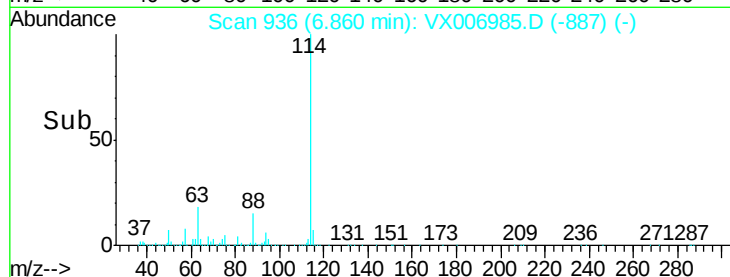
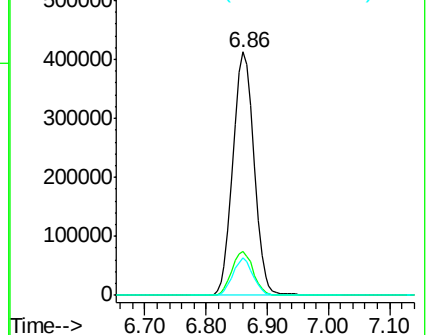
88 15.5 0.0 28.8



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: 48.136 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006985.D

Acq: 10 Jan 2019 13:08

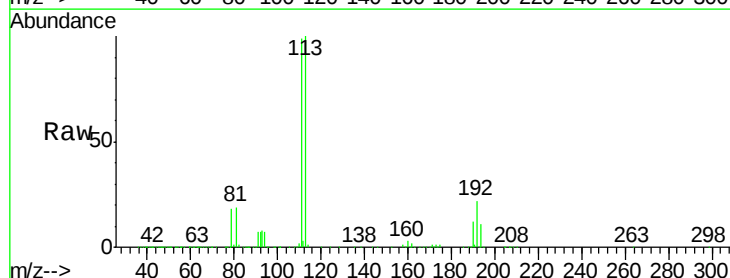
Tgt Ion:113 Resp: 301285

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

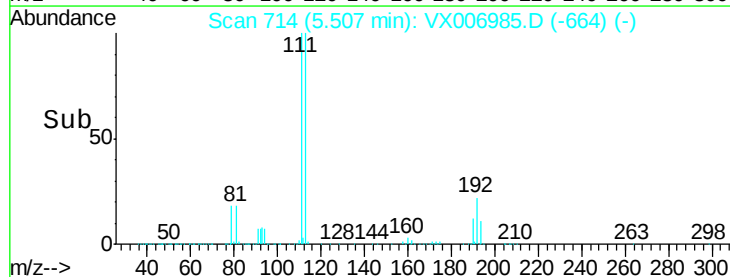
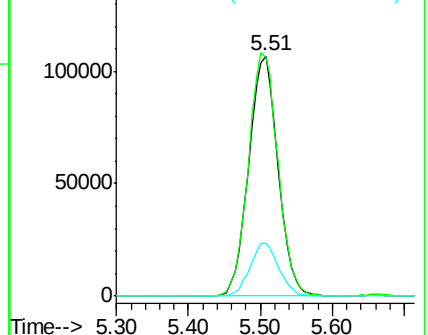
192 21.8 16.7 25.1

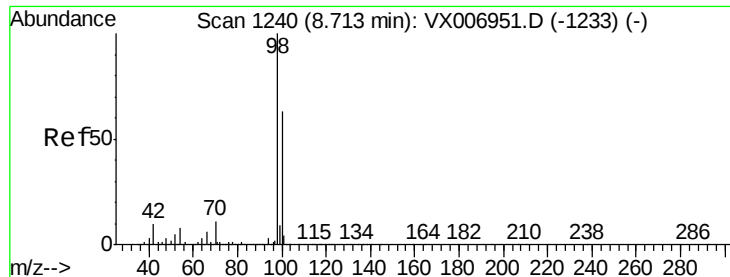


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.182 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006985.D

Acq: 10 Jan 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

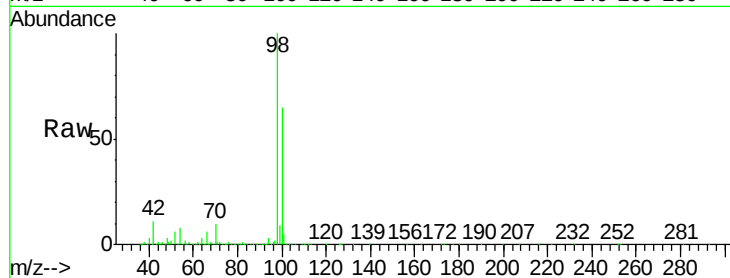
S32-TB-2019-2

Tot Ion: 98 Resp: 1149666

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

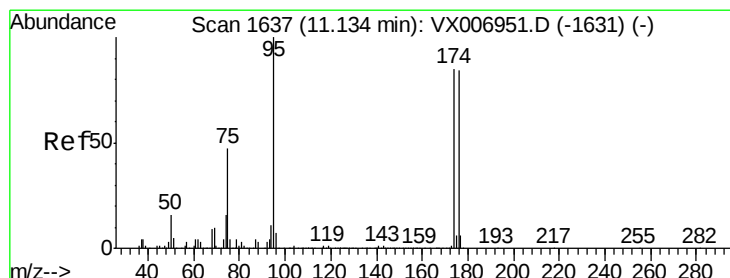
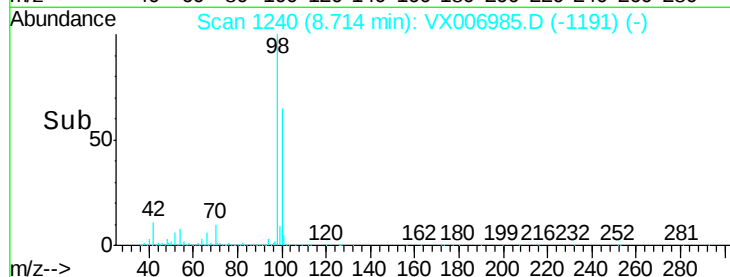
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.734 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006985.D

Acq: 10 Jan 2019 13:08

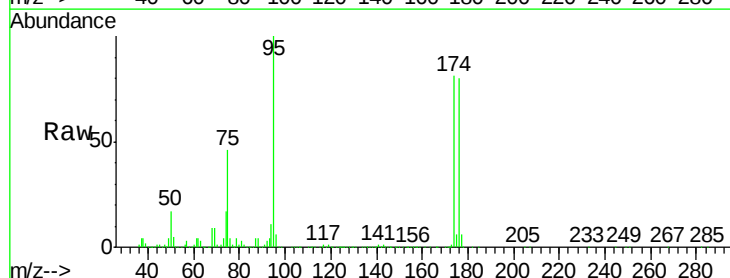
Tgt Ion: 95 Resp: 405211

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.2

176 89.0 0.0 178.8



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

400000

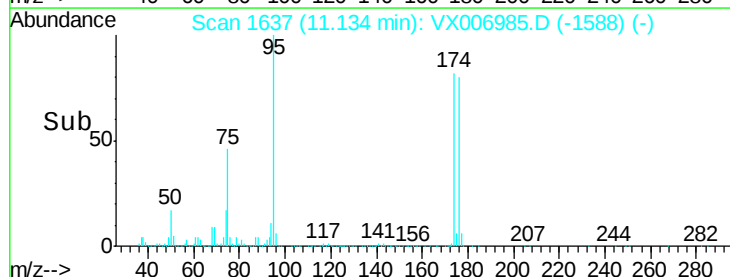
300000

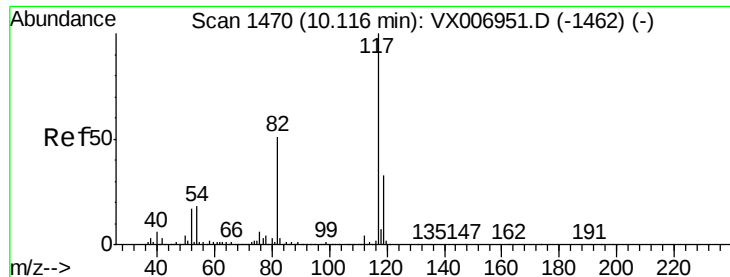
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006985.D

Acq: 10 Jan 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-2

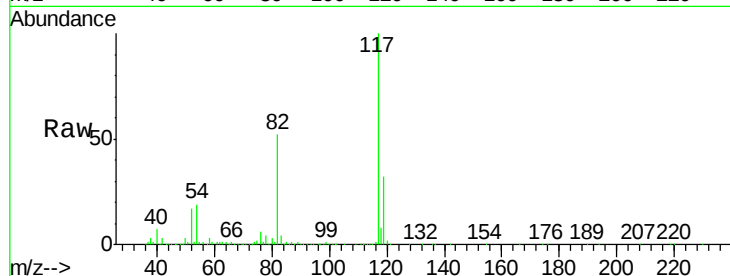
Tot Ion:117 Resp: 893138

Ion Ratio Lower Upper

117 100

82 51.7 41.0 61.6

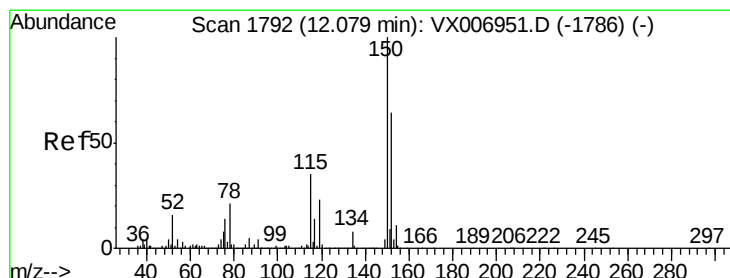
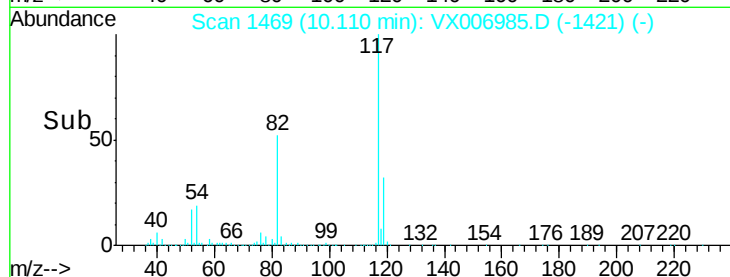
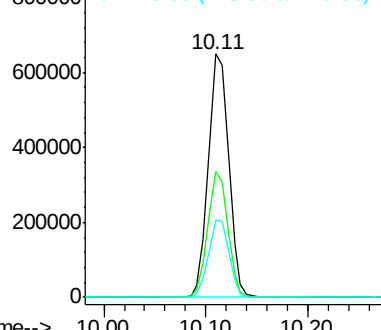
119 31.9 25.4 38.0



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: VX006985.D

Acq: 10 Jan 2019 13:08

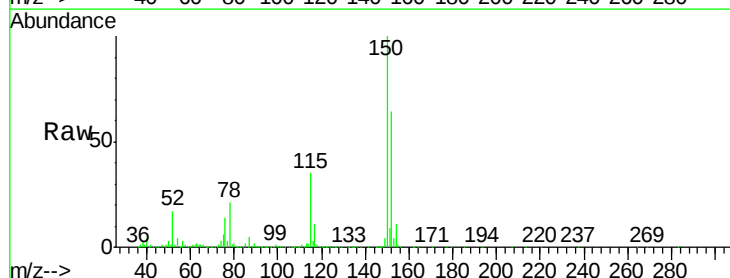
Tgt Ion:152 Resp: 430064

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.2

150 154.7 0.0 344.8



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

