

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006642.D
 Acq On : 19 Dec 2018 17:38
 Operator : JC/MD
 Sample : J6484-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 978-TB121818

Quant Time: Dec 20 04:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	596565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	950160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	847782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	333036	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	5.50	113	287564	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1113306	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	386362	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

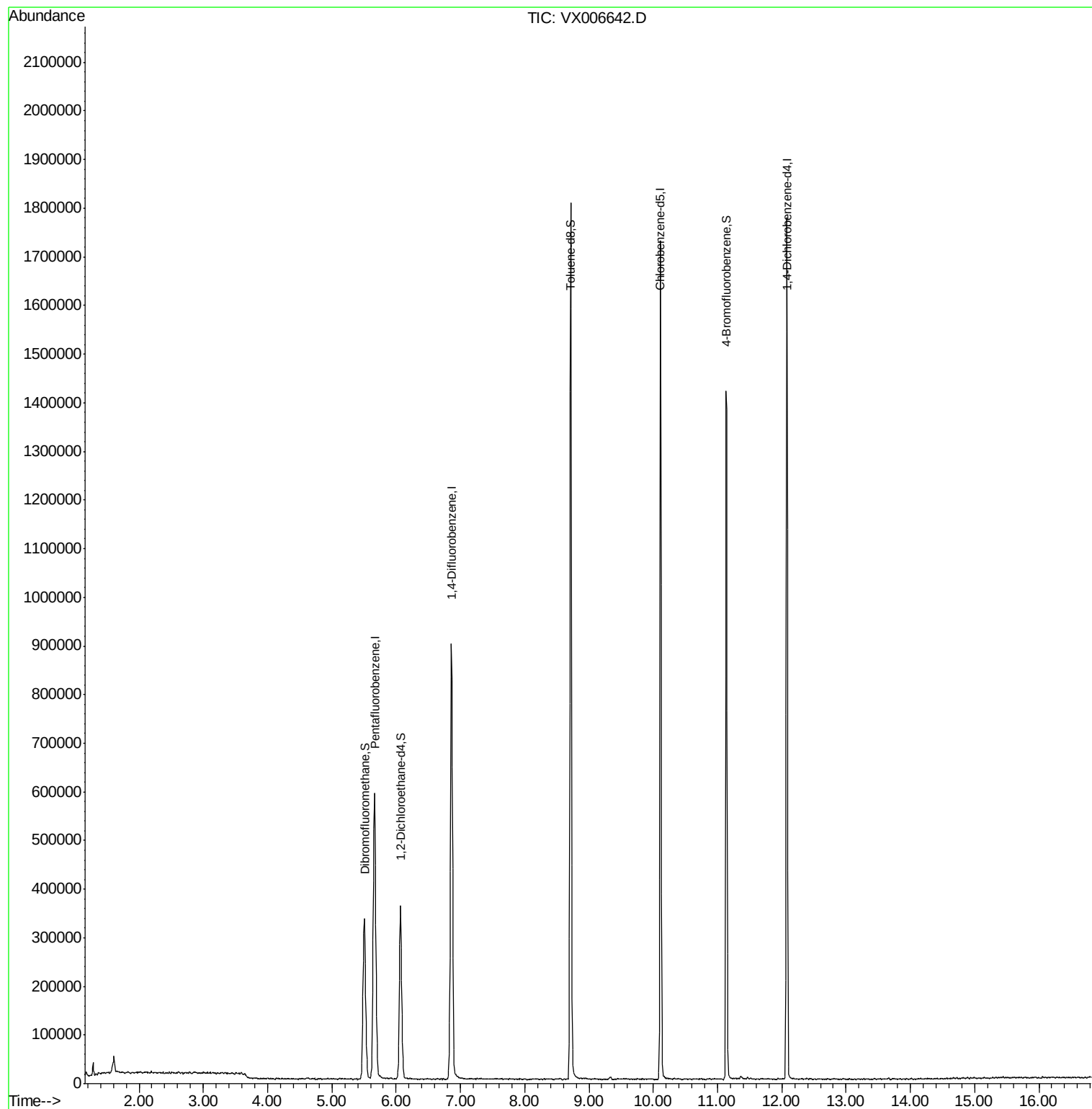
Target Compounds	Qvalue

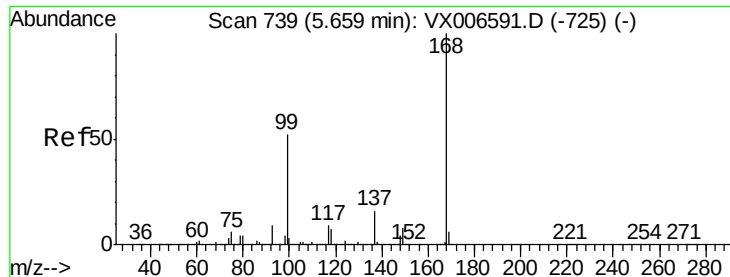
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006642.D

Acq: 19 Dec 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

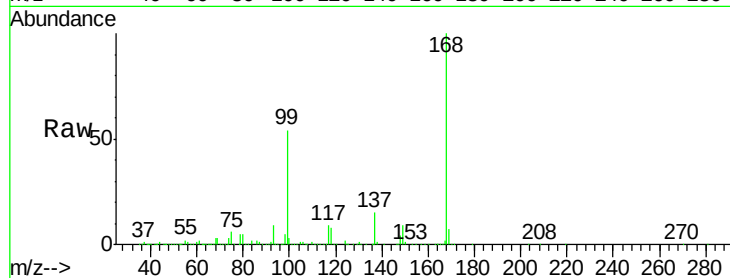
978-TB121818

Tot Ion:168 Resp: 596565

Ion Ratio Lower Upper

168 100

99 54.1 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

200000

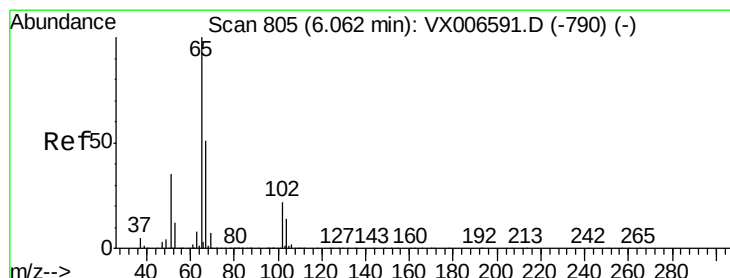
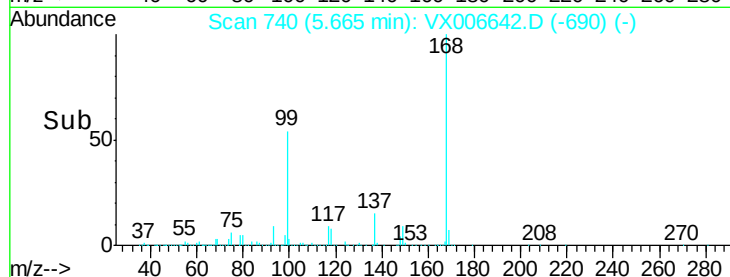
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.798 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006642.D

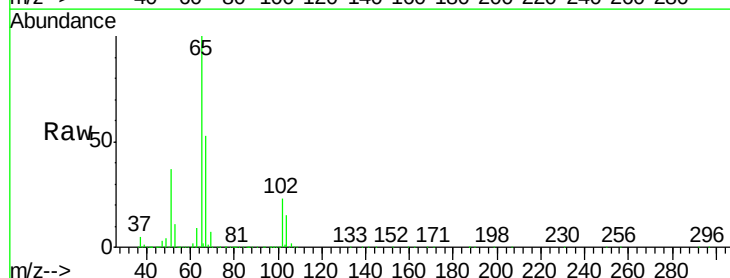
Acq: 19 Dec 2018 17:38

Tgt Ion: 65 Resp: 333036

Ion Ratio Lower Upper

65 100

67 53.2 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

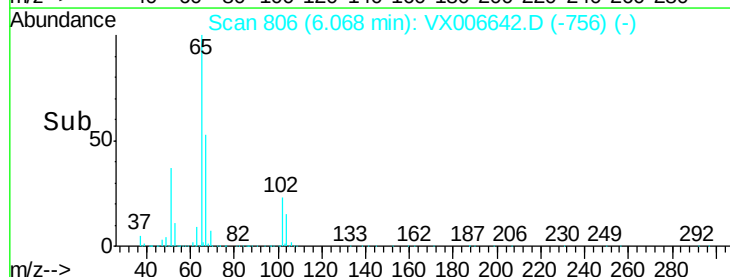
150000

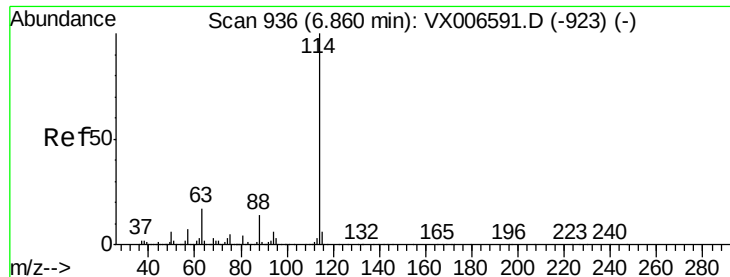
100000

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: VX006642.D

Acq: 19 Dec 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

978-TB121818

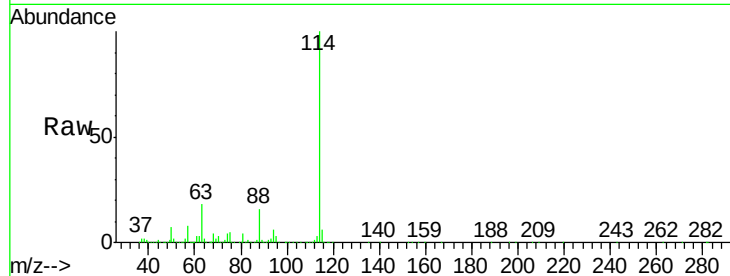
Tot Ion:114 Resp: 950160

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

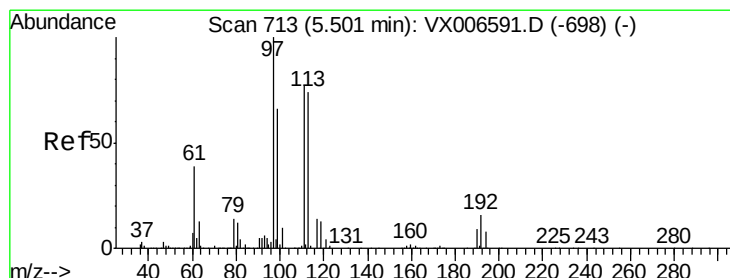
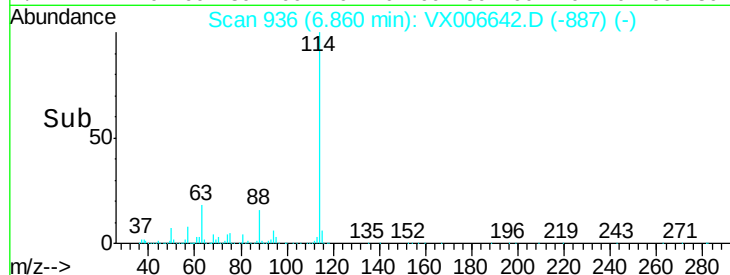
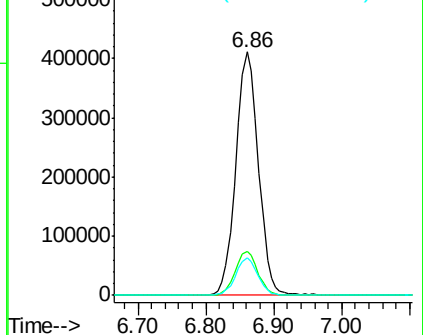
88 15.5 0.0 28.8



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: 47.858 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006642.D

Acq: 19 Dec 2018 17:38

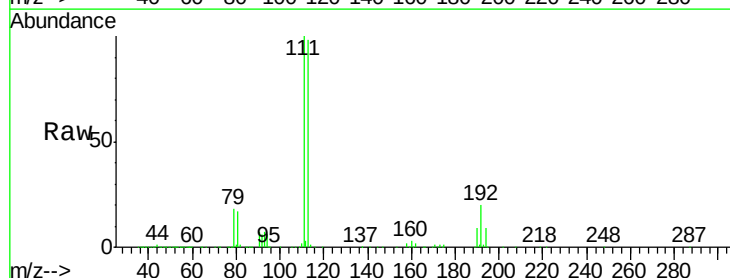
Tgt Ion:113 Resp: 287564

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

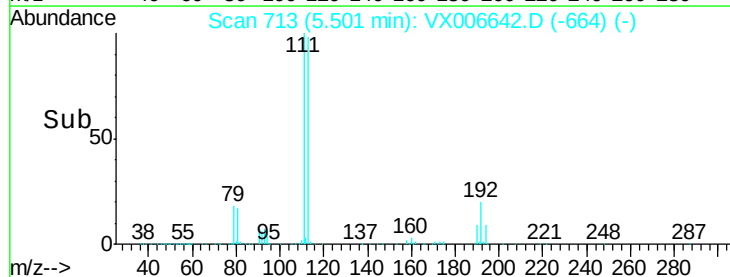
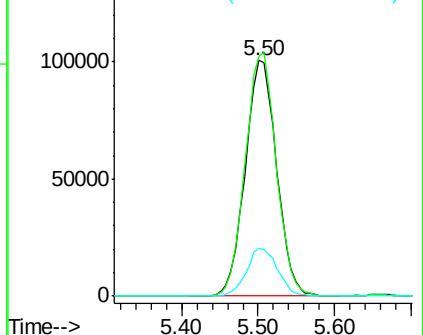
192 20.3 16.7 25.1

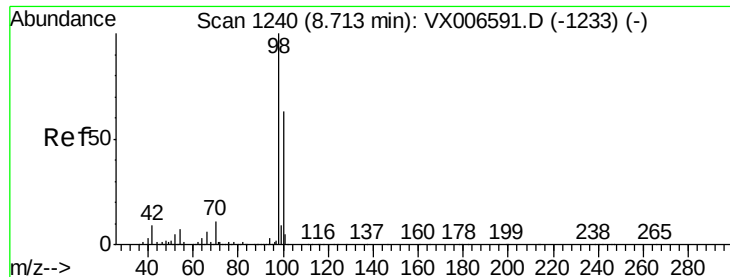


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.147 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006642.D

Acq: 19 Dec 2018 17:38

Instrument :

MSVOA_X

ClientSampleId :

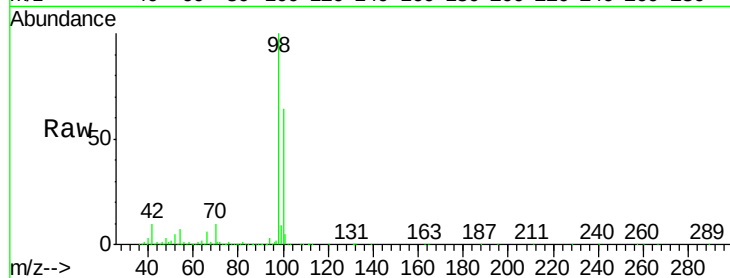
978-TB121818

Tot Ion: 98 Resp: 1113306

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX006642.D (-1191) (-)

Ion 100.00 (99.70 to 100.70): VX006642.D (-1191) (-)

8.71

800000

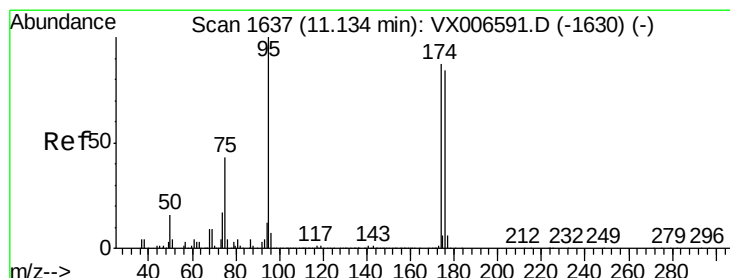
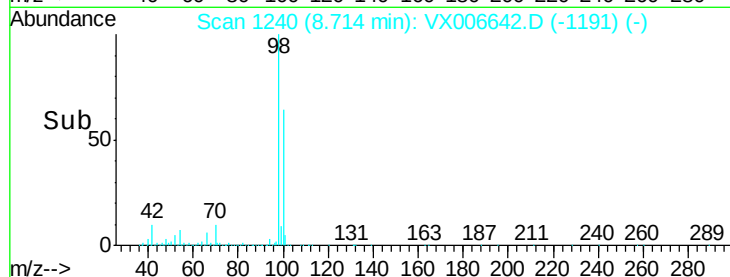
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.570 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006642.D

Acq: 19 Dec 2018 17:38

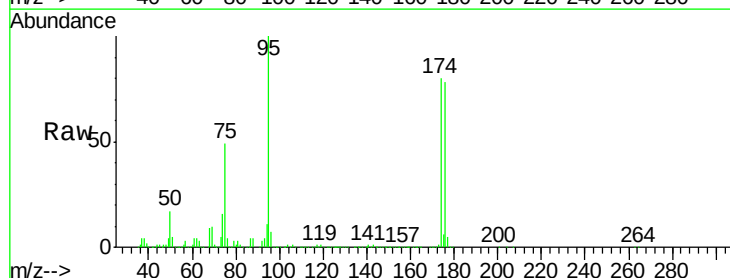
Tgt Ion: 95 Resp: 386362

Ion Ratio Lower Upper

95 100

174 85.0 0.0 182.2

176 83.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006642.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006642.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006642.D (-1588) (-)

11.13

400000

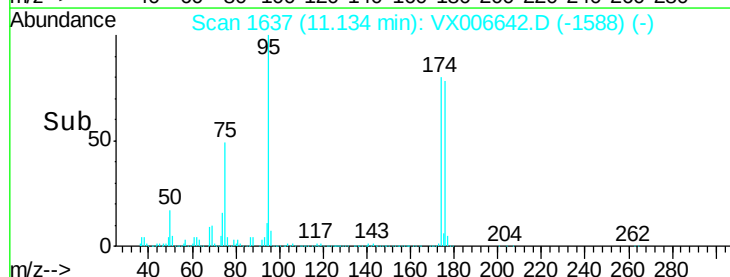
300000

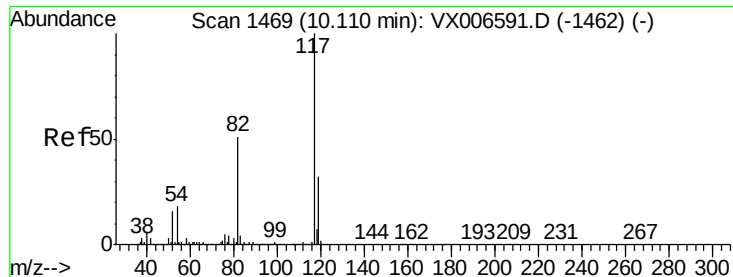
200000

100000

0

Time-->

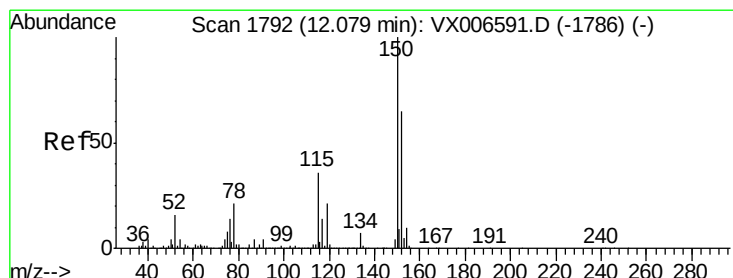
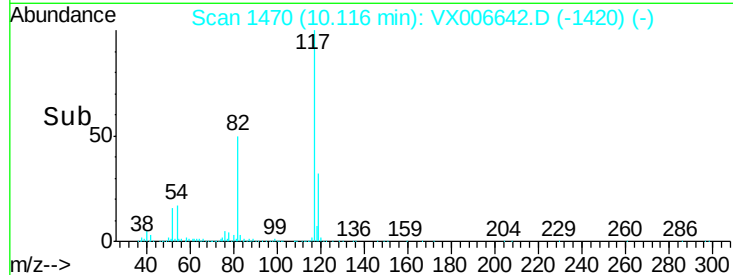
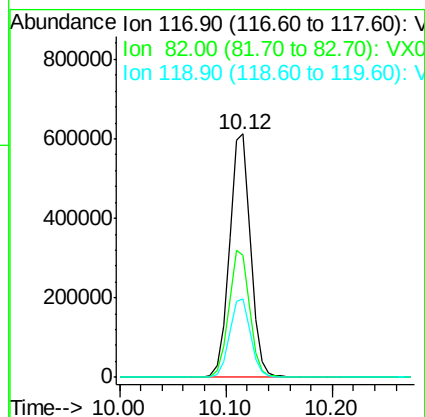
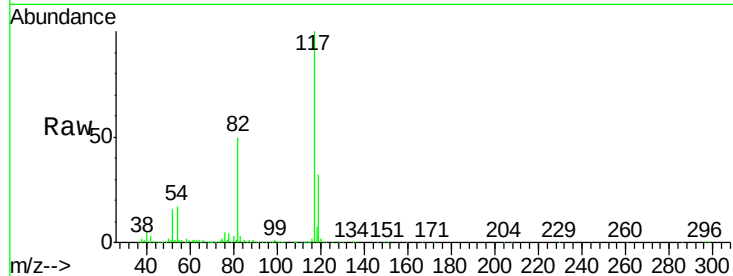




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006642.D
Acq: 19 Dec 2018 17:38

Instrument :
MSVOA_X
ClientSampleId :
978-TB121818

Tot Ion:117 Resp: 847782
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006642.D
Acq: 19 Dec 2018 17:38

Tgt Ion:152 Resp: 378358
Ion Ratio Lower Upper
152 100
115 56.3 39.1 117.2
150 156.0 0.0 344.8

