

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006772.D
 Acq On : 22 Dec 2018 15:16
 Operator : JC/MD
 Sample : J6533-10 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Dec 24 12:01:33 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	5.66	168	603326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	927388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	816678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	393825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	318497	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.50	113	273695	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	8.71	98	1079709	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.14	95	370642	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

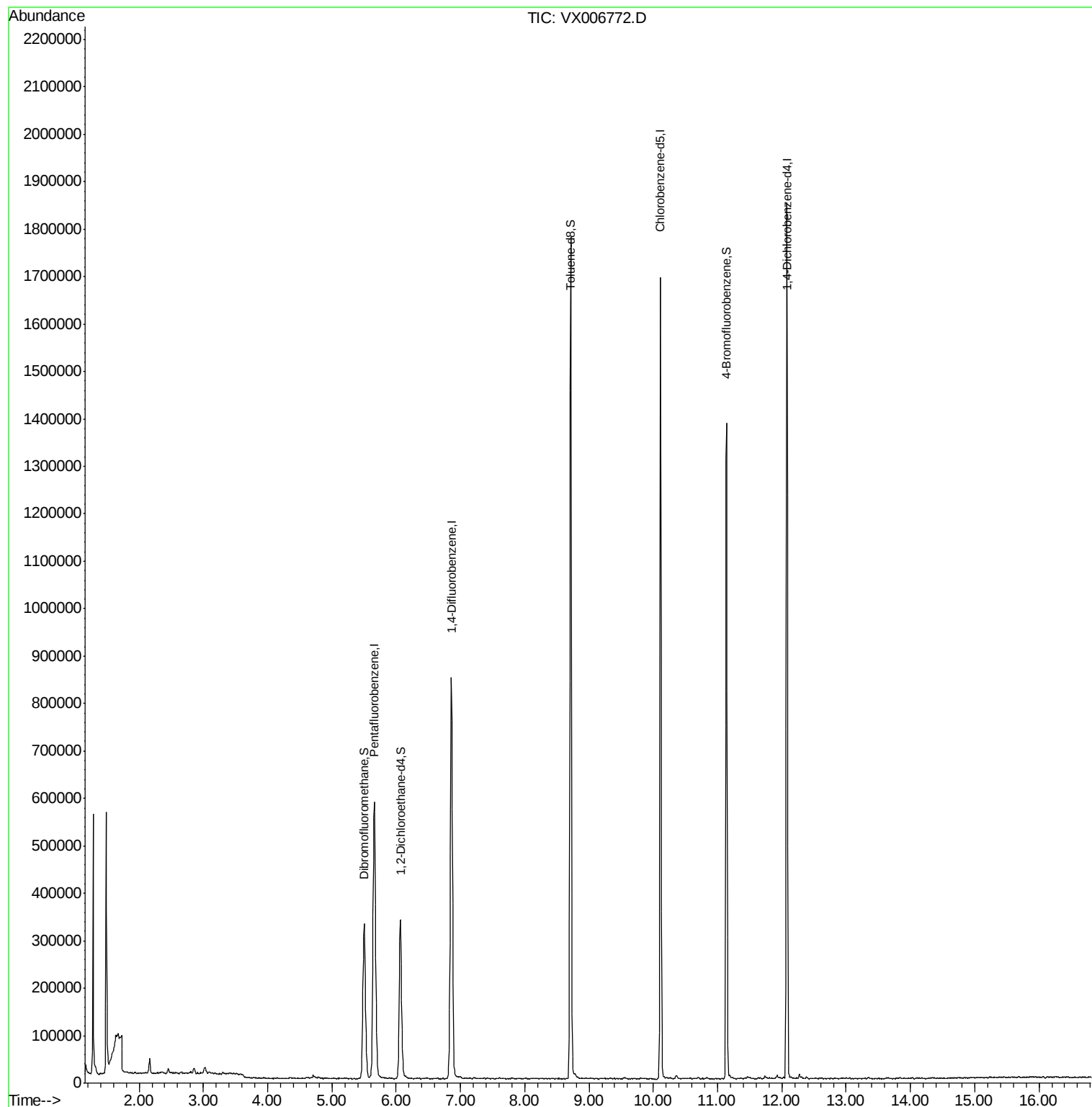
Target Compounds	Qvalue

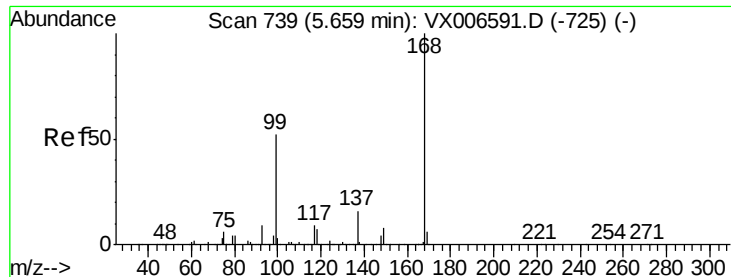
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006772.D

Acq: 22 Dec 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

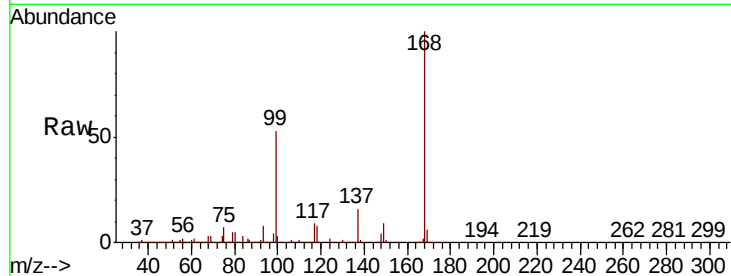
COMP-2

Tot Ion:168 Resp: 603326

Ion Ratio Lower Upper

168 100

99 52.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

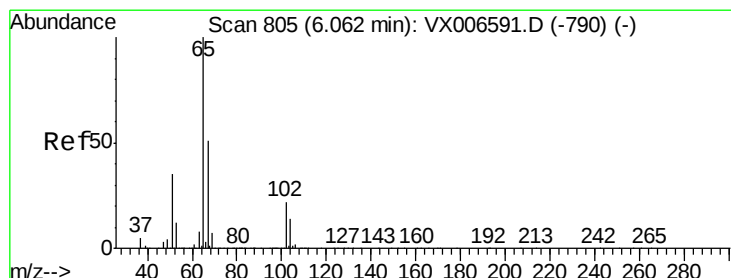
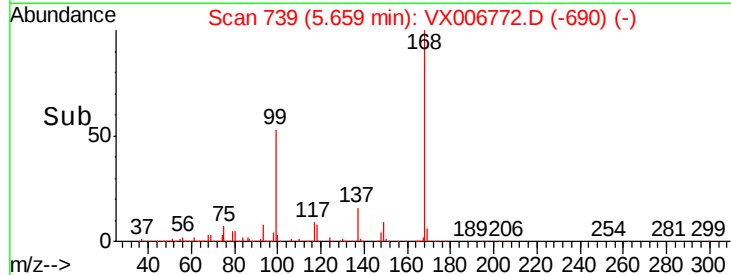
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.982 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006772.D

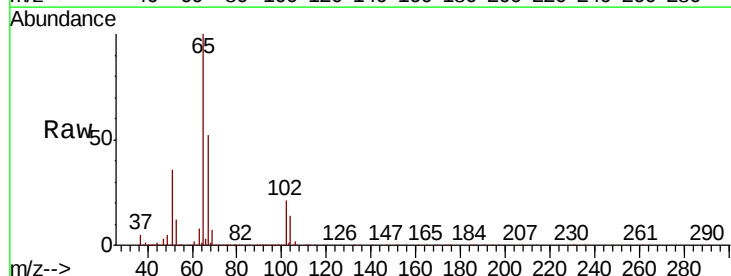
Acq: 22 Dec 2018 15:16

Tgt Ion: 65 Resp: 318497

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

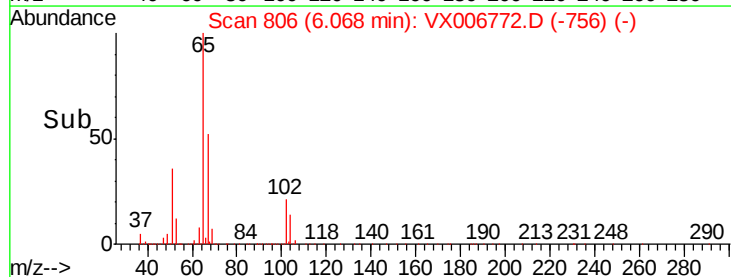
6.07

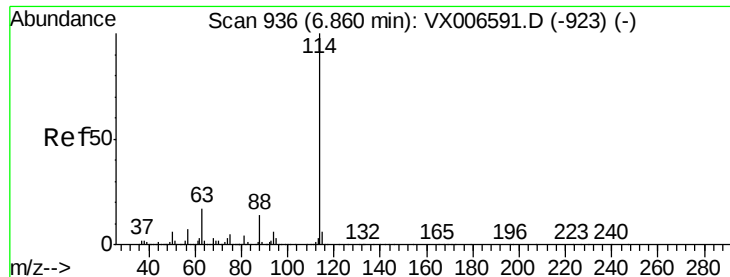
100000

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: VX006772.D

Acq: 22 Dec 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

COMP-2

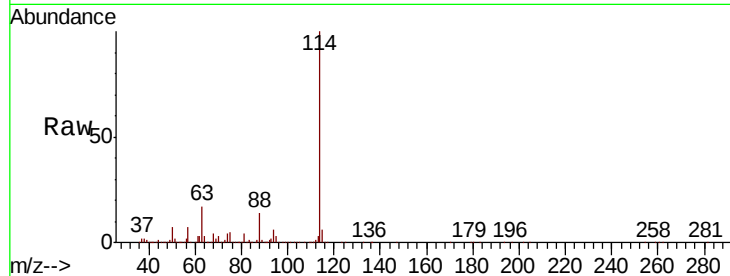
Tot Ion:114 Resp: 927388

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

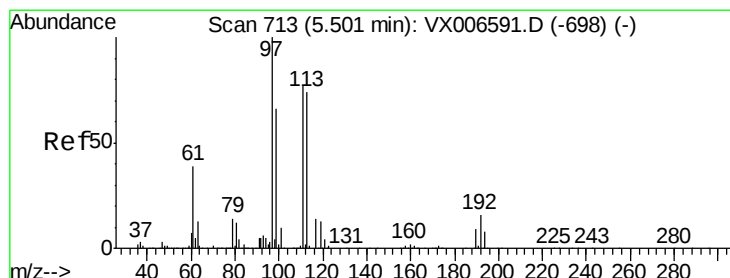
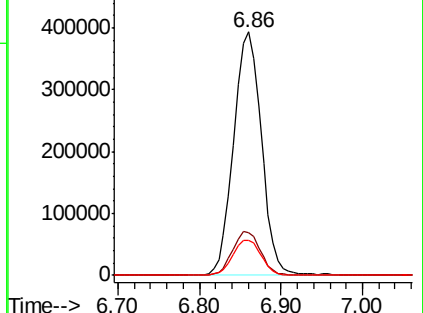
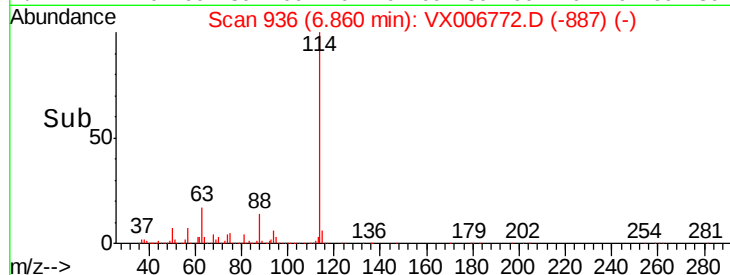
88 14.4 0.0 28.8



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: 46.669 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006772.D

Acq: 22 Dec 2018 15:16

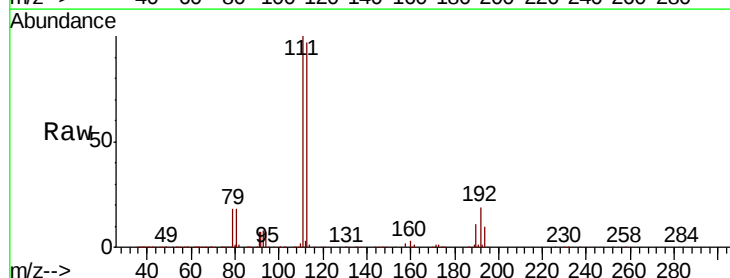
Tgt Ion:113 Resp: 273695

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

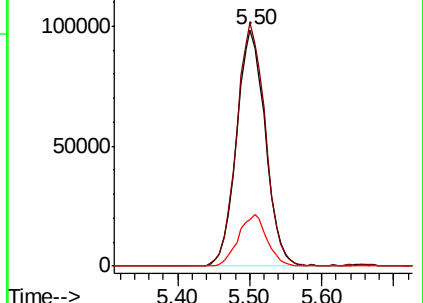
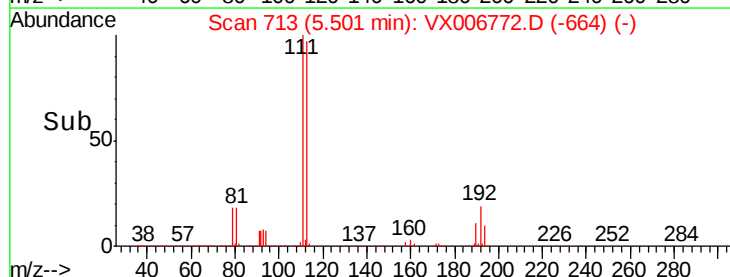
192 21.8 16.7 25.1

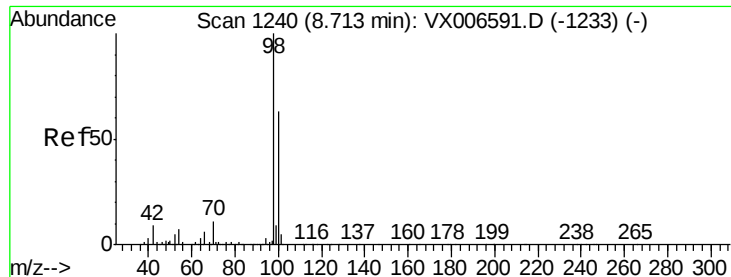


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.834 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006772.D

Acq: 22 Dec 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

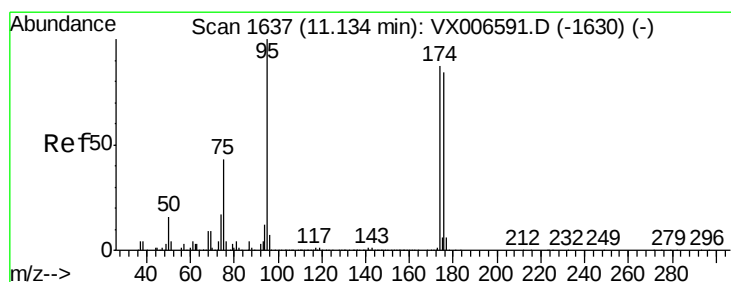
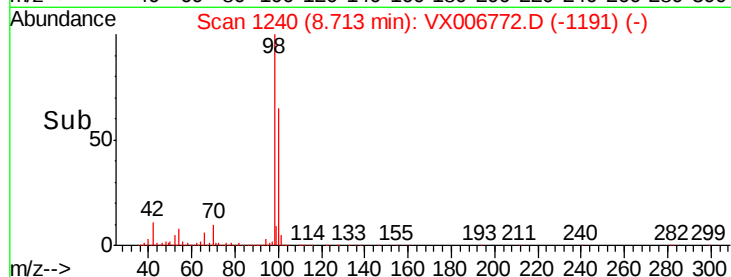
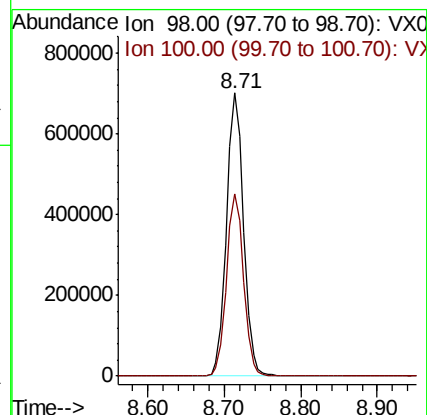
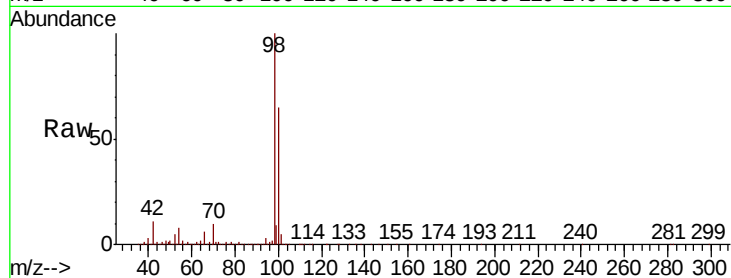
COMP-2

Tot Ion: 98 Resp: 1079709

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.772 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006772.D

Acq: 22 Dec 2018 15:16

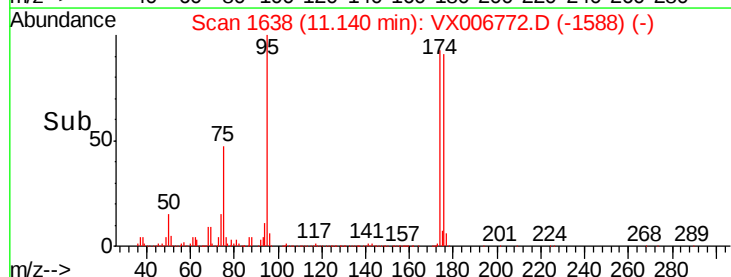
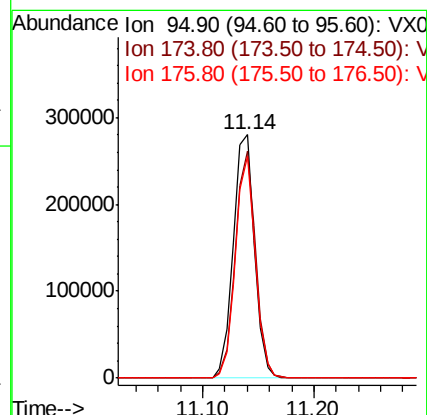
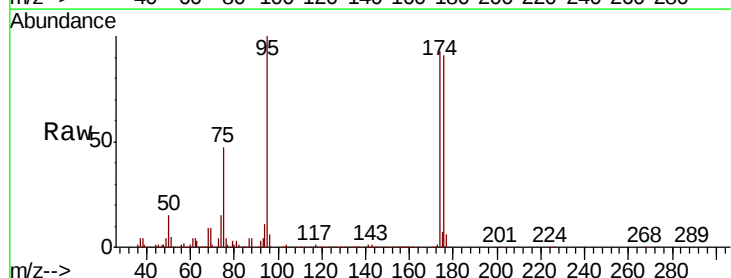
Tgt Ion: 95 Resp: 370642

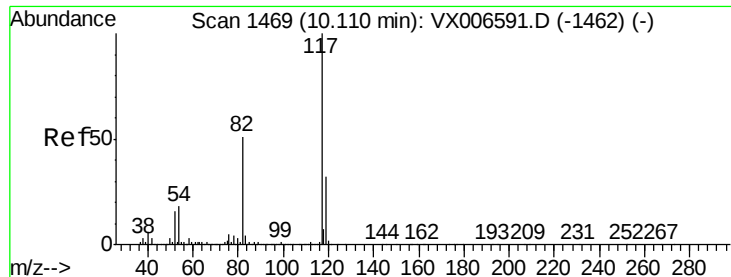
Ion Ratio Lower Upper

95 100

174 89.2 0.0 182.2

176 85.7 0.0 178.8

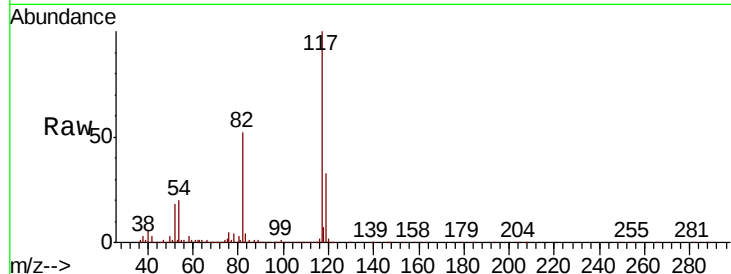




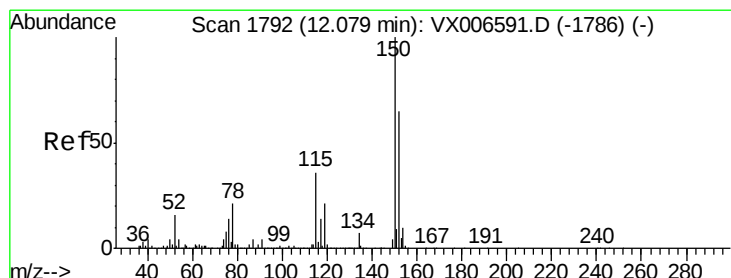
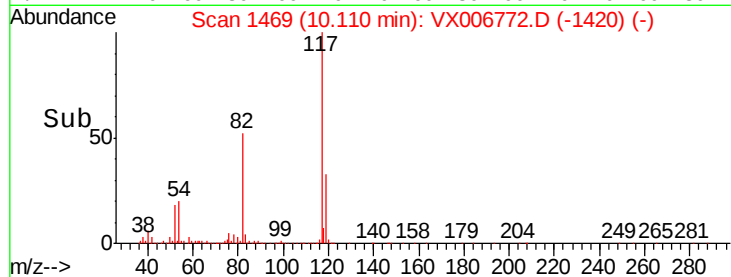
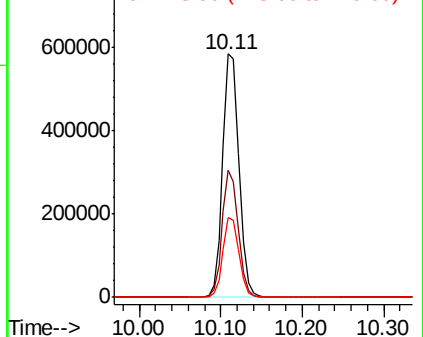
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006772.D
Acq: 22 Dec 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	32.7	25.4	38.0

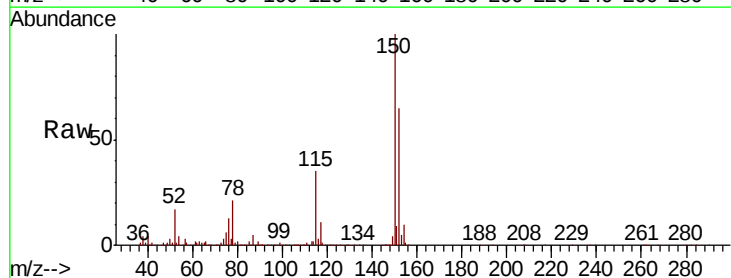


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006772.D
Acq: 22 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.1	117.2
150	158.2	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

