

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007159.D
 Acq On : 21 Jan 2019 15:22
 Operator : JC/SP
 Sample : K1198-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW519-4256

Quant Time: Jan 22 10:52:49 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

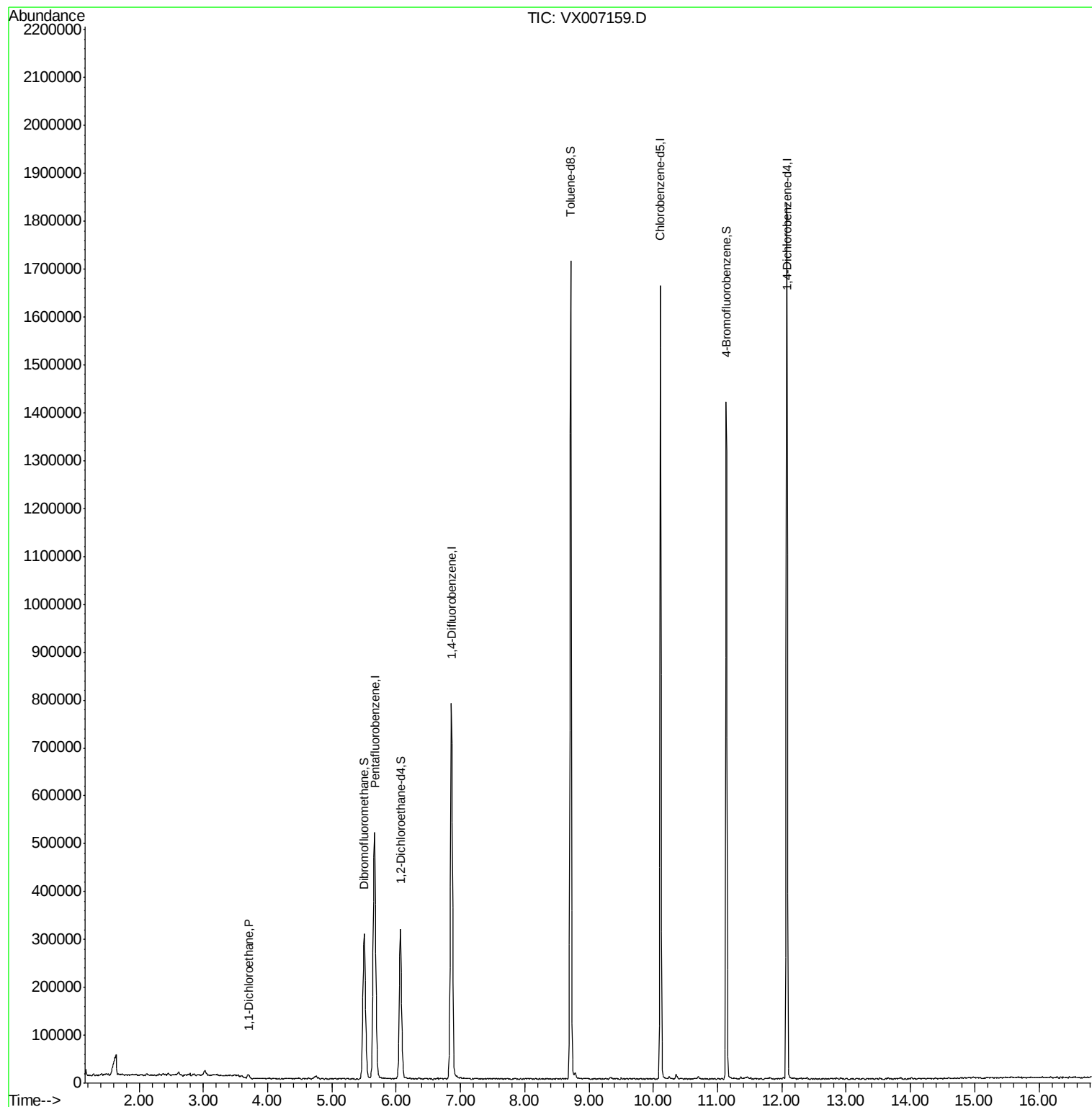
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	831205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	286390	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	255205	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	1002676	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	365394	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	8704	0.977	ug/l	Qvalue 97

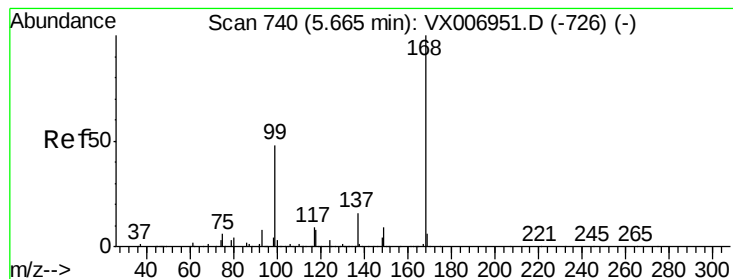
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007159.D

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ClientSampleId :

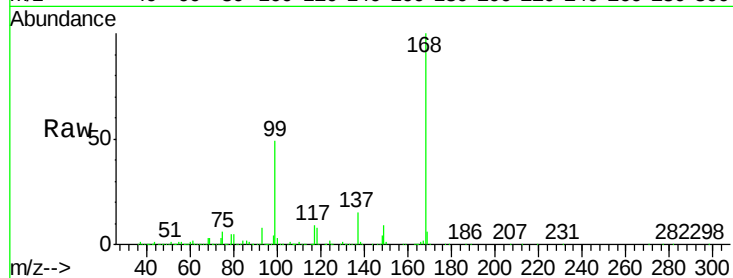
SA-TW519-4256

Tot Ion:168 Resp: 537789

Ion Ratio Lower Upper

168 100

99 48.7 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

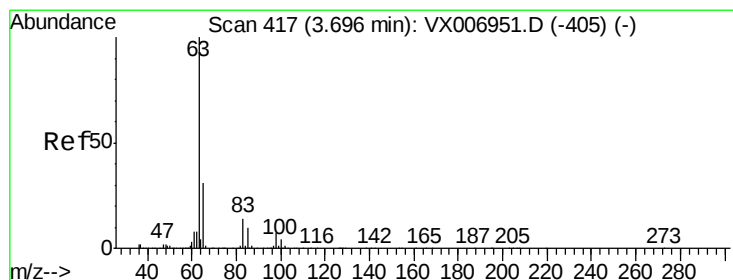
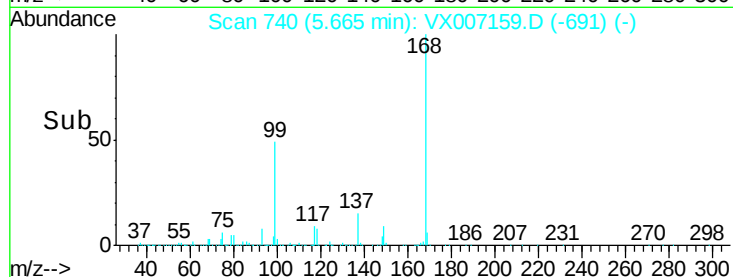
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

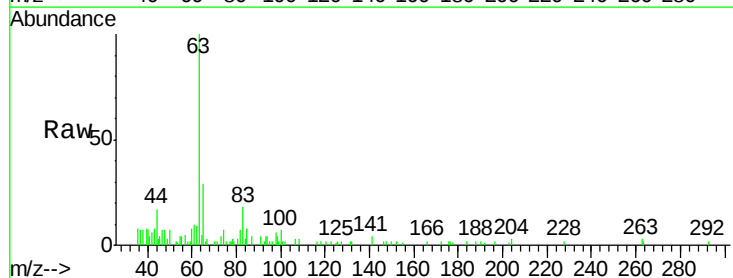
Tgt Ion: 63 Resp: 8704

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.5

100 6.7 2.4 7.2



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

3.70

5000

4000

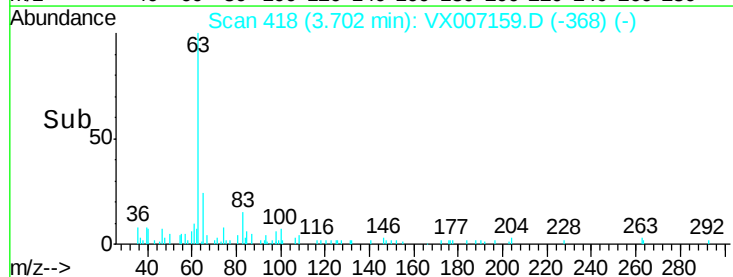
3000

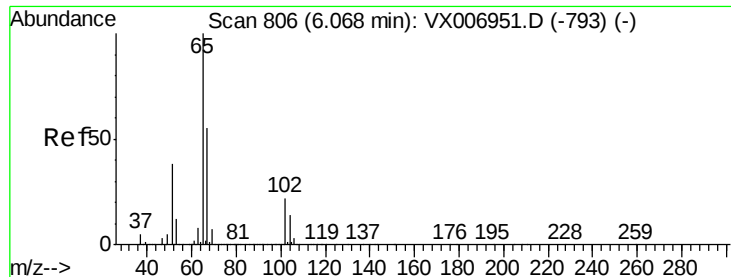
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.956 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

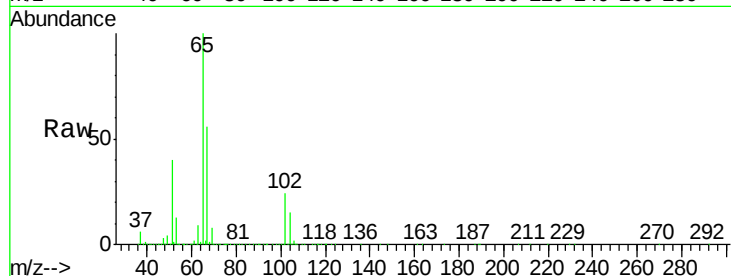
SA-TW519-4256

Tot Ion: 65 Resp: 286390

Ion Ratio Lower Upper

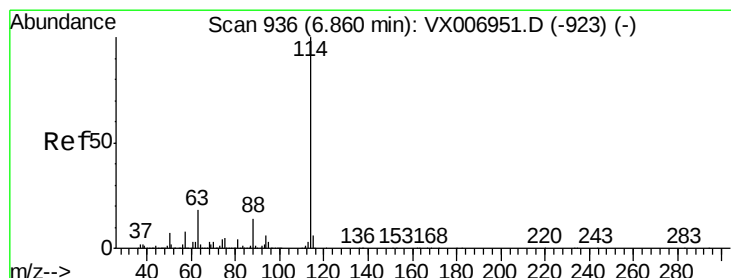
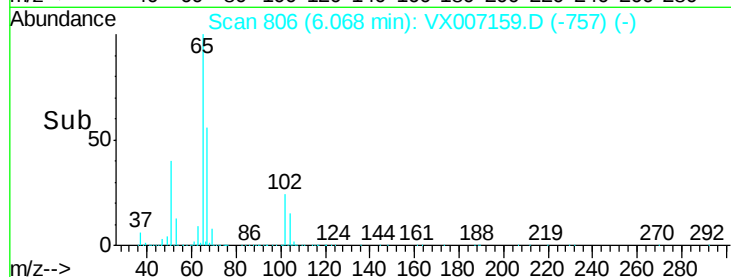
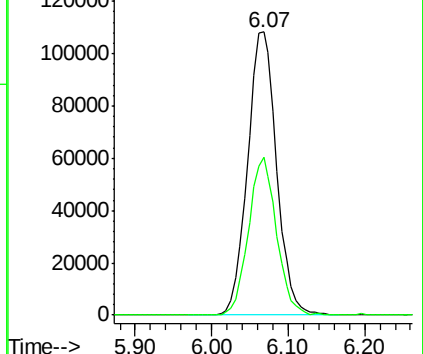
65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

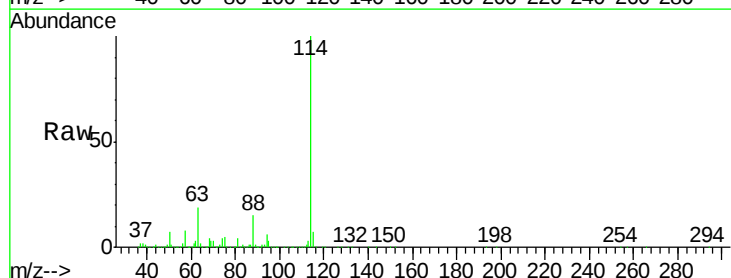
Tgt Ion: 114 Resp: 831205

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

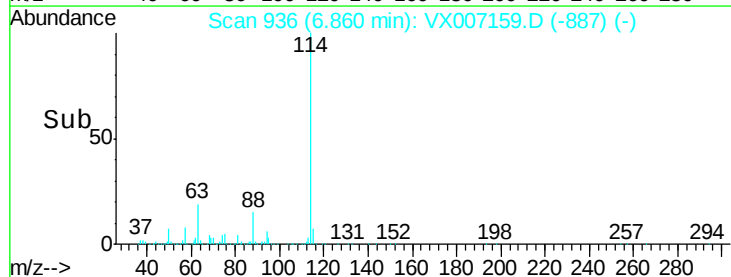
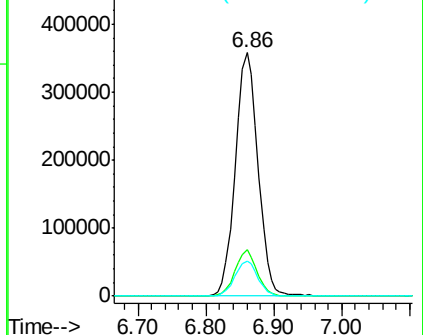
88 14.6 0.0 28.8

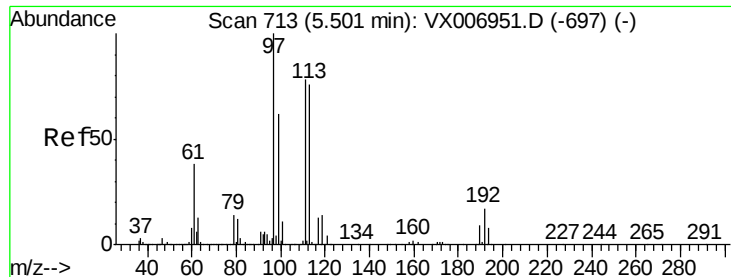


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

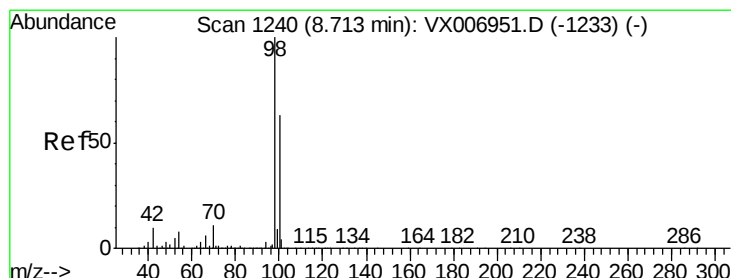
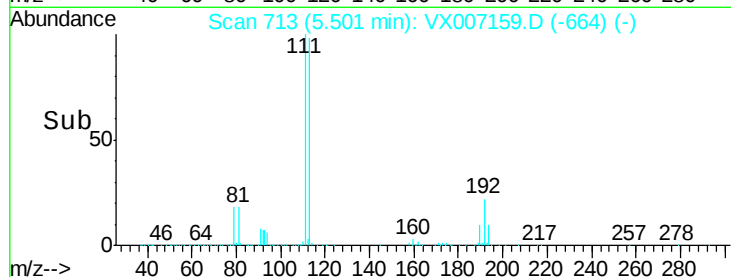
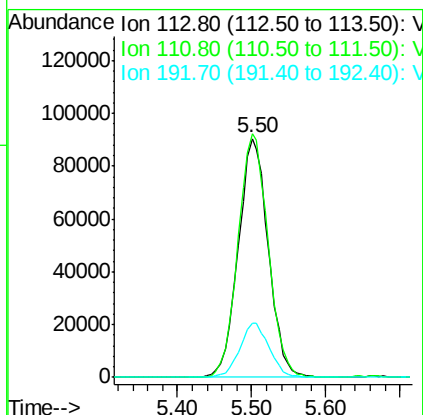
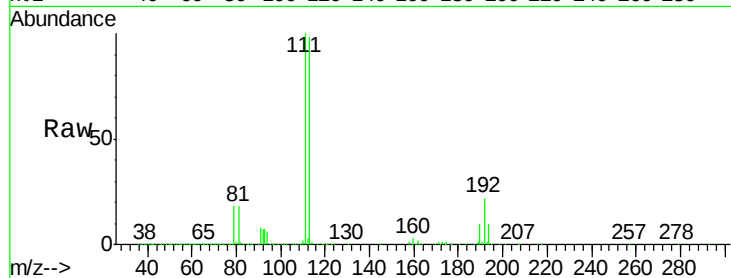




#35
Dibromofluoromethane
Concen: 47.944 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007159.D
Acq: 21 Jan 2019 15:22

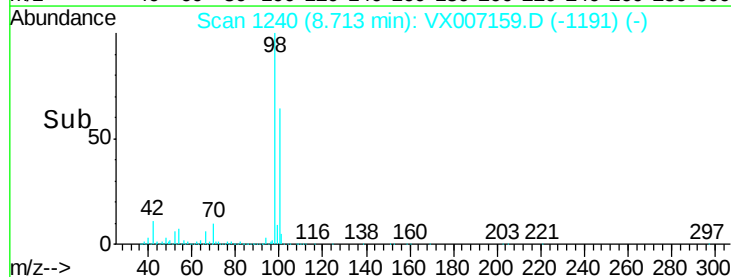
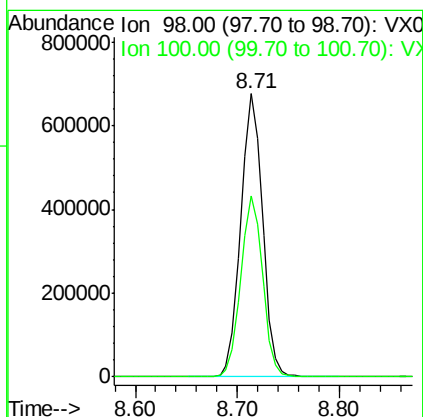
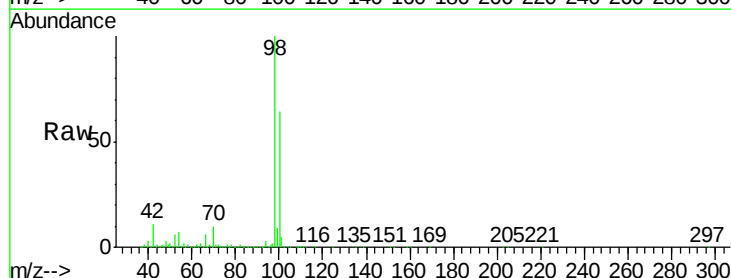
Instrument :
MSVOA_X
ClientSampleId :
SA-TW519-4256

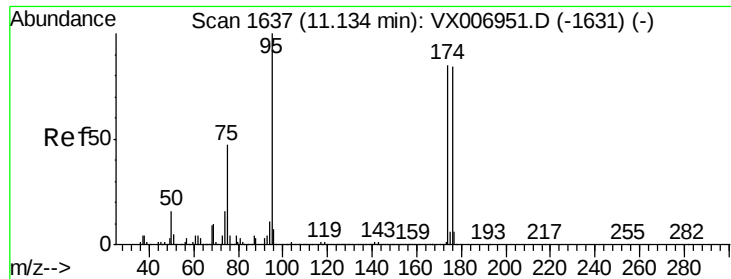
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	22.3	16.7	25.1



#50
Toluene-d8
Concen: 51.462 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007159.D
Acq: 21 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.794 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

SA-TW519-4256

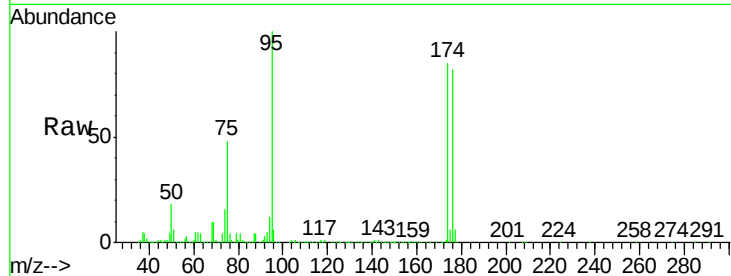
Tot Ion: 95 Resp: 365394

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.2

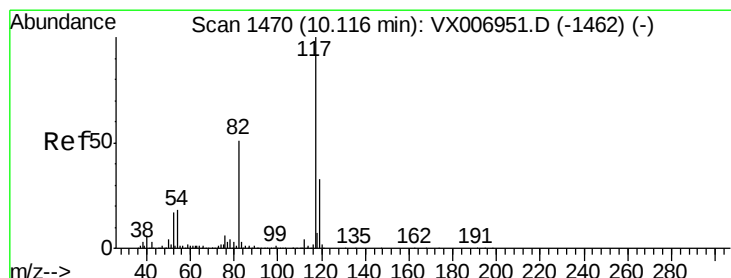
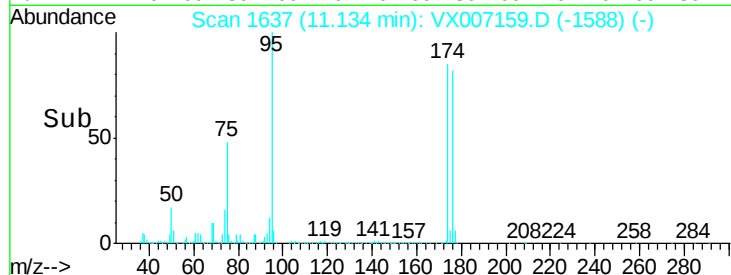
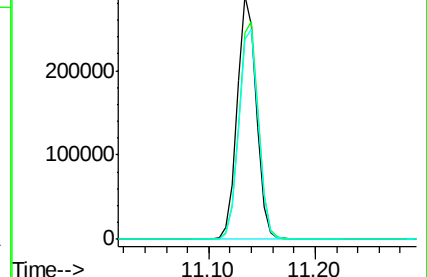
176 88.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

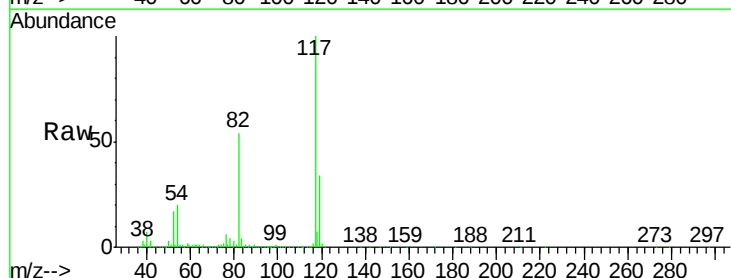
Tgt Ion: 117 Resp: 782025

Ion Ratio Lower Upper

117 100

82 53.6 41.0 61.6

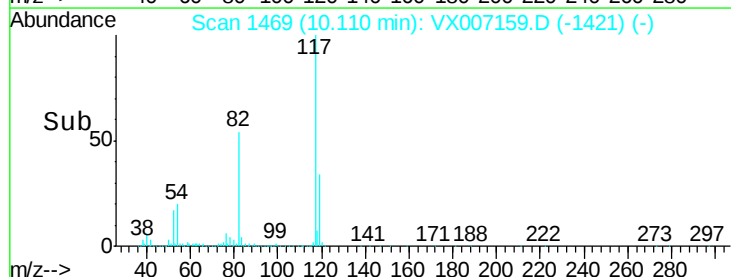
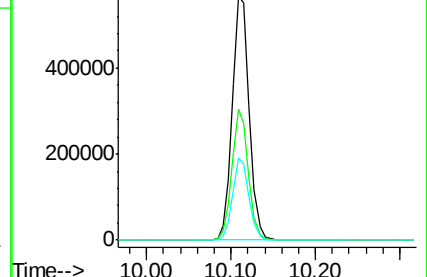
119 33.6 25.4 38.0

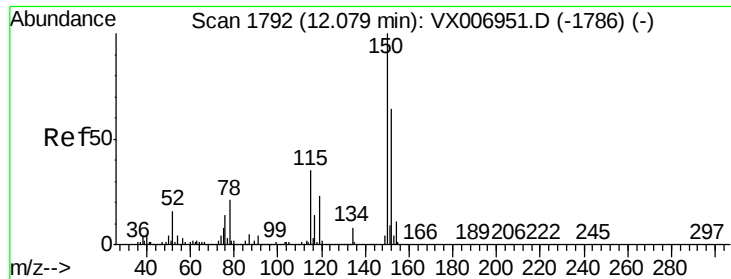


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007159.D

Acq: 21 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

SA-TW519-4256

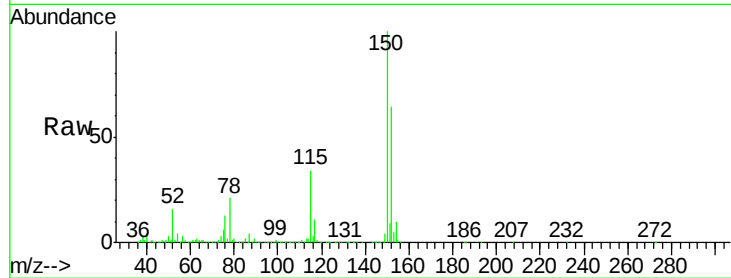
Tot Ion:152 Resp: 397445

Ion Ratio Lower Upper

152 100

115 53.9 39.1 117.2

150 157.7 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

