

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011659.D
 Acq On : 20 Aug 2019 02:40
 Operator : JC/SP
 Sample : K4385-31
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-B-(0)

Quant Time: Aug 20 13:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

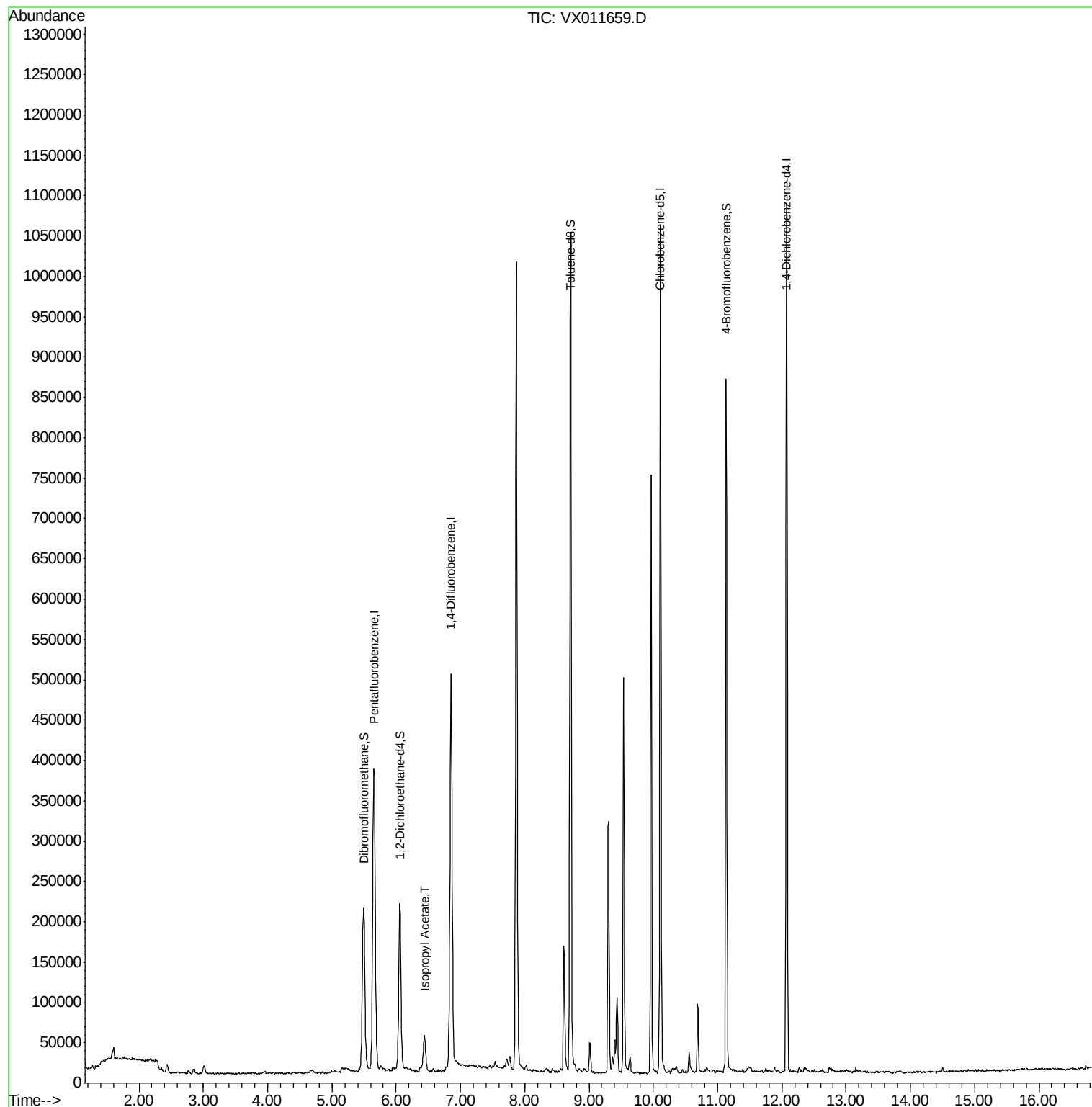
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	406216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	505613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	507046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	204320	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
35) Dibromofluoromethane	5.49	113	170494	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	8.71	98	642175	62.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.64%	
62) 4-Bromofluorobenzene	11.13	95	210035	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
43) Isopropyl Acetate	6.45	43	59832	7.711	ug/l	Qvalue 99

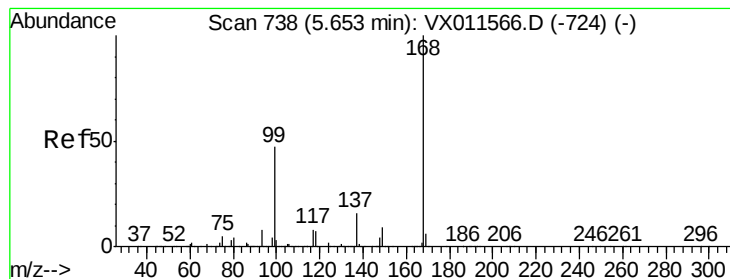
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

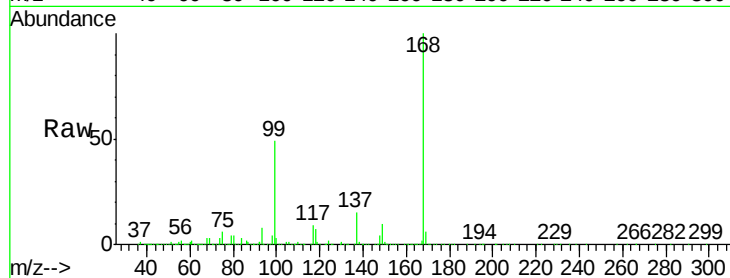
T8-B-(0)

Tot Ion:168 Resp: 406216

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

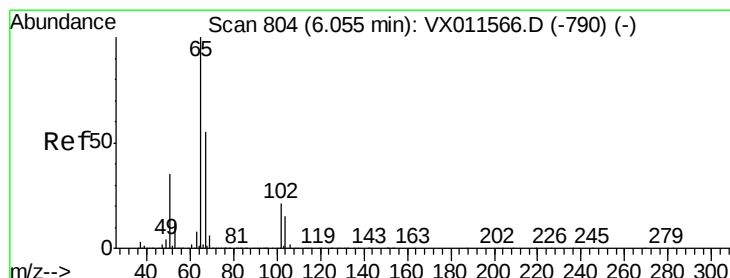
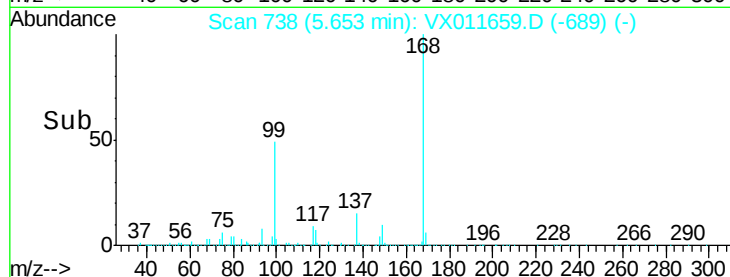
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.238 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011659.D

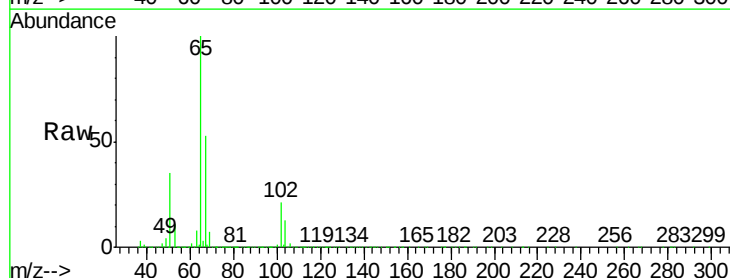
Acq: 20 Aug 2019 02:40

Tgt Ion: 65 Resp: 204320

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

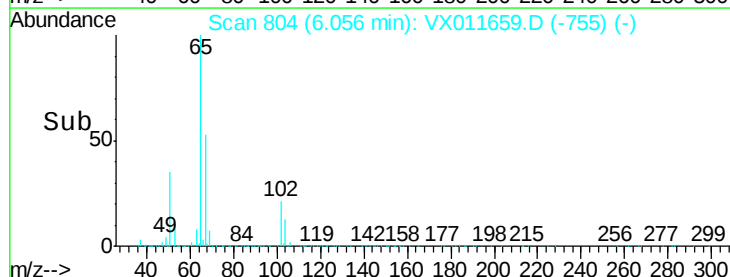
60000

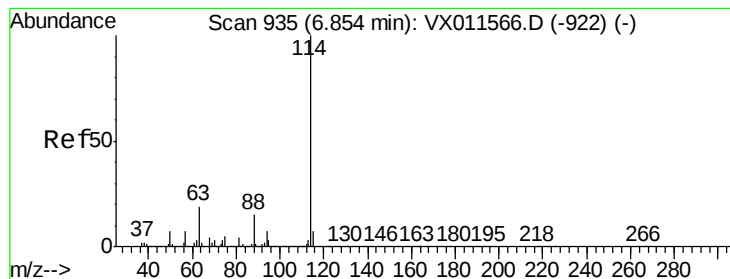
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampled :

T8-B-(0)

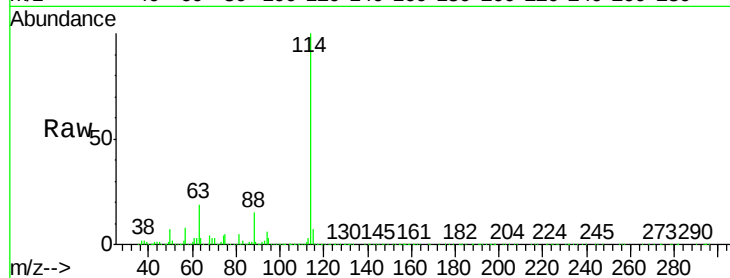
Tot Ion:114 Resp: 505613

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

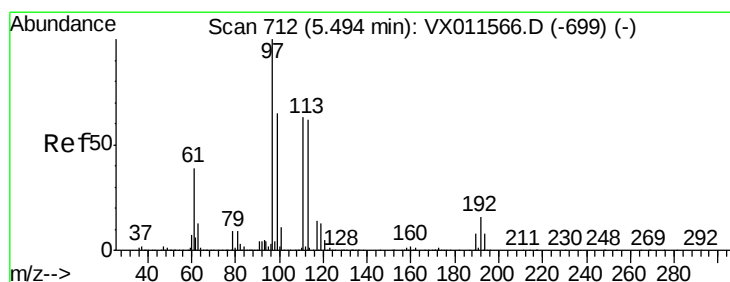
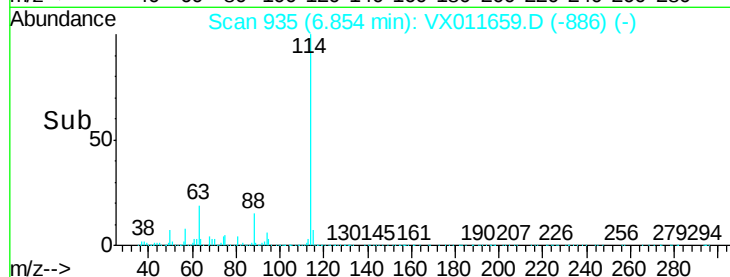
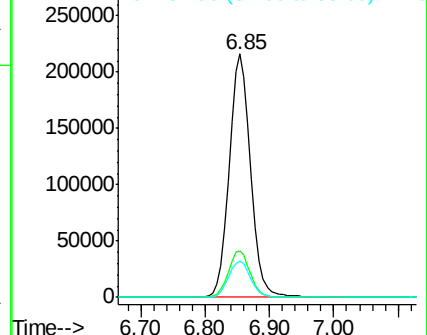
88 15.0 0.0 30.2



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: 51.555 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

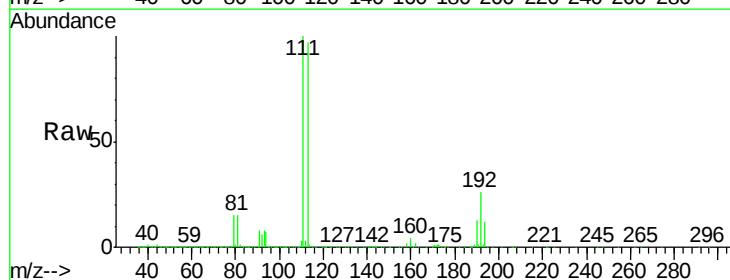
Tgt Ion:113 Resp: 170494

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

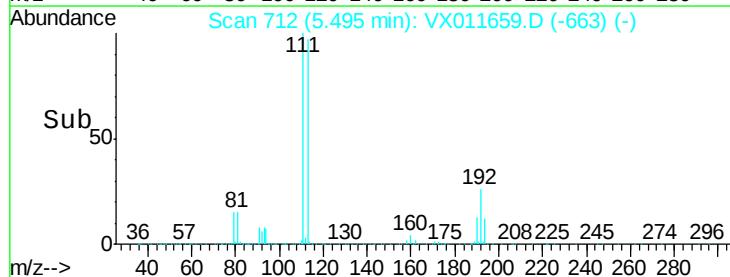
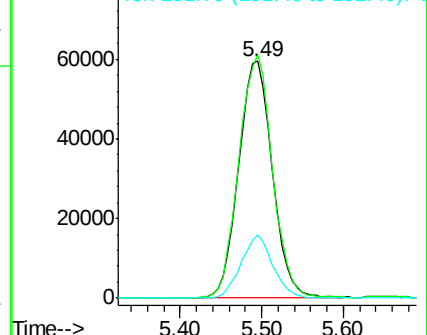
192 25.3 20.8 31.2

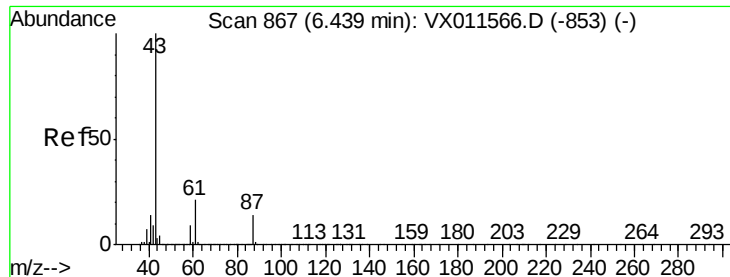


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.711 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

T8-B-(0)

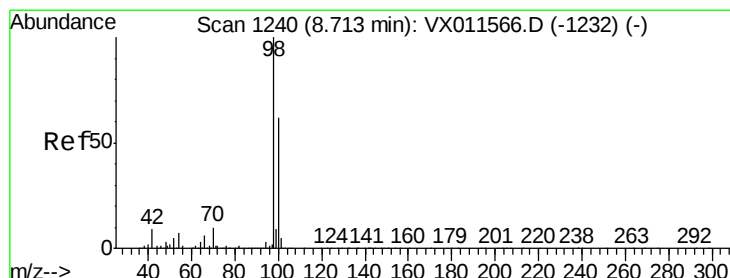
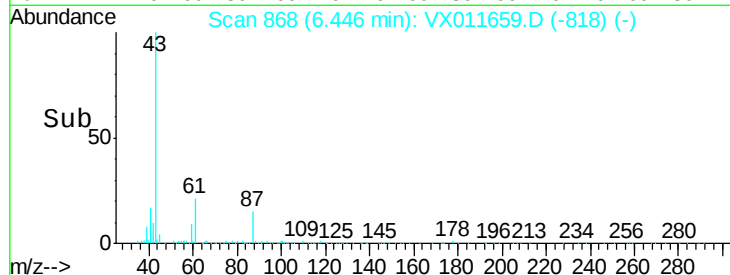
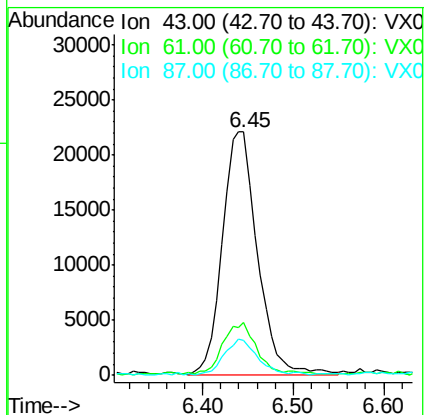
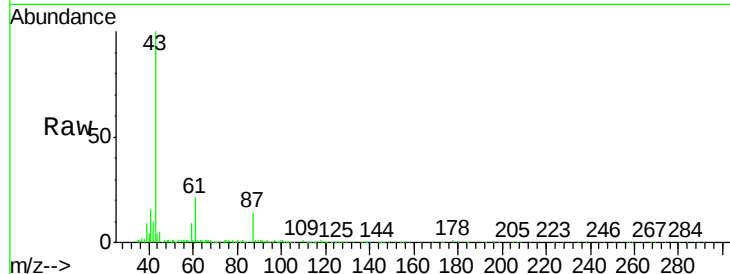
Tot Ion: 43 Resp: 59832

Ion Ratio Lower Upper

43 100

61 20.0 16.6 24.8

87 14.0 11.4 17.2



#50

Toluene-d8

Concen: 62.321 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011659.D

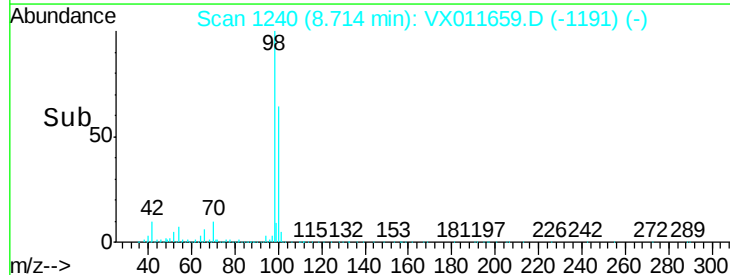
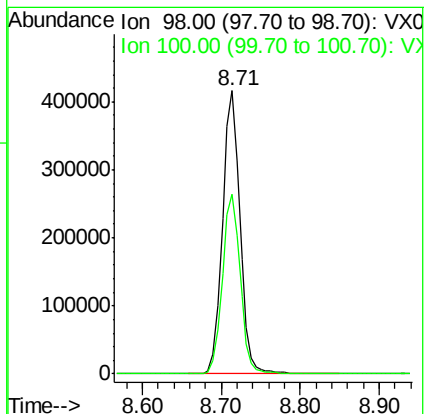
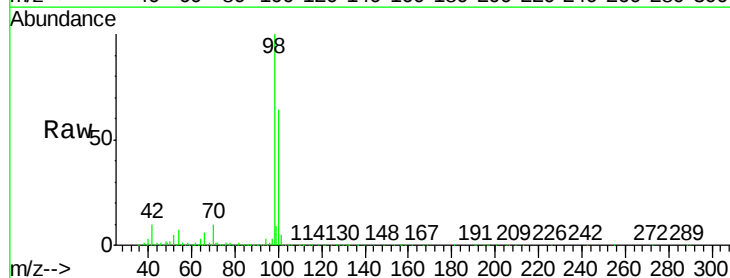
Acq: 20 Aug 2019 02:40

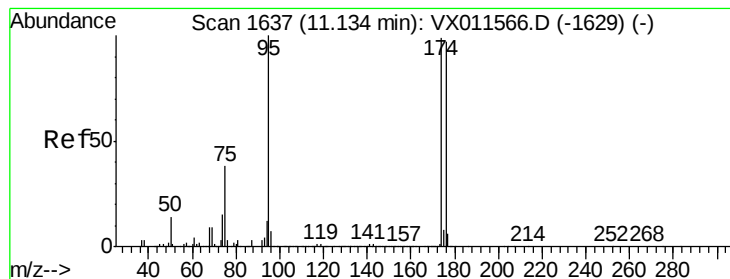
Tgt Ion: 98 Resp: 642175

Ion Ratio Lower Upper

98 100

100 64.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

T8-B-(0)

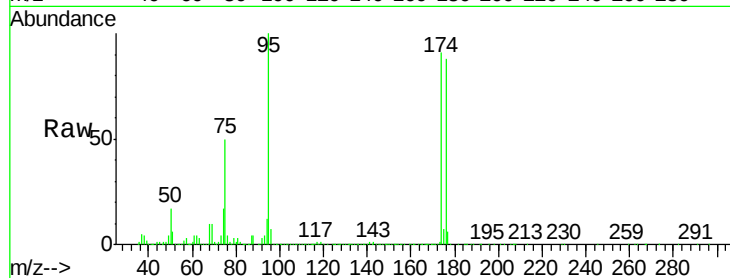
Tot Ion: 95 Resp: 210035

Ion Ratio Lower Upper

95 100

174 94.6 0.0 200.6

176 91.0 0.0 196.6

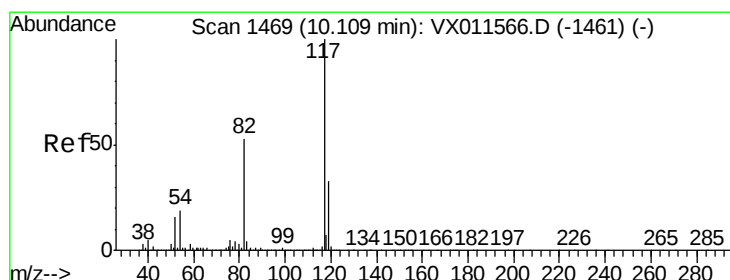
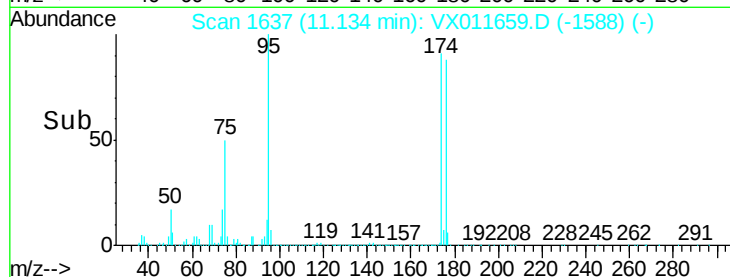


Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011659.D

Acq: 20 Aug 2019 02:40

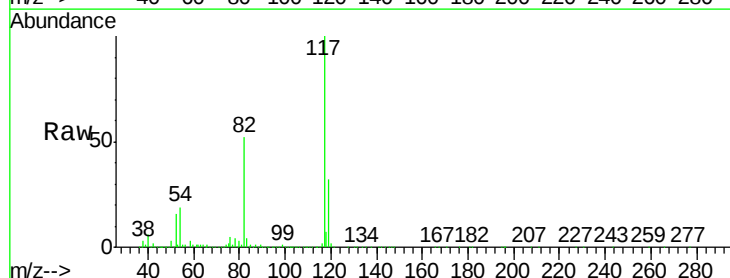
Tgt Ion: 117 Resp: 507046

Ion Ratio Lower Upper

117 100

82 52.0 42.0 63.0

119 32.4 26.5 39.7

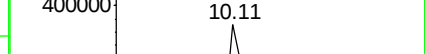
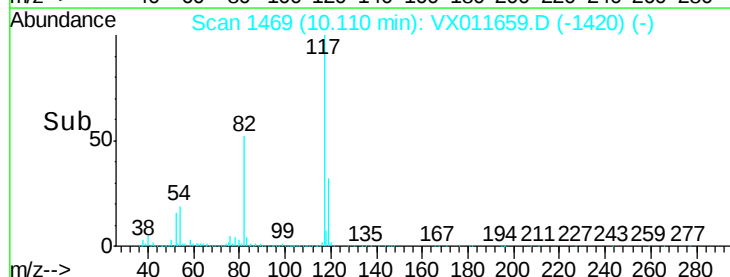


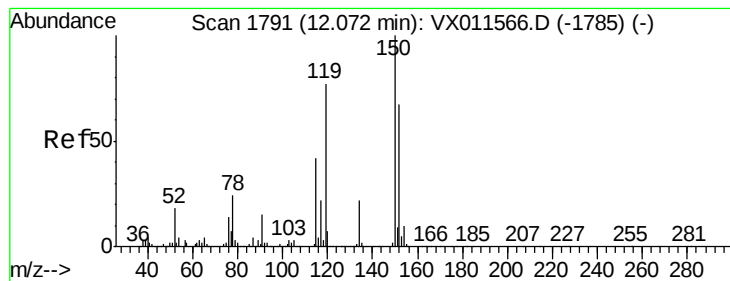
Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011659.D

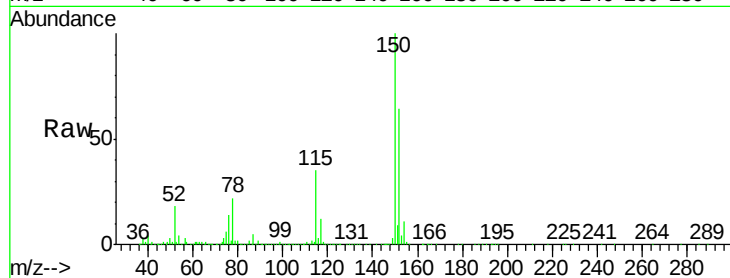
Acq: 20 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

T8-B-(0)



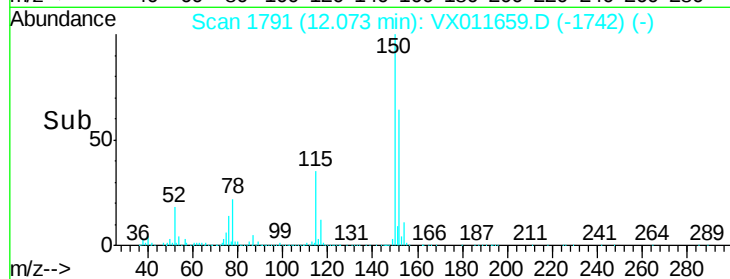
Tot Ion:152 Resp: 241126

Ion Ratio Lower Upper

152 100

115 53.6 37.3 111.9

150 154.9 0.0 346.2



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

