

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011425.D
 Acq On : 11 Aug 2019 12:45
 Operator : JC/SP
 Sample : PB122149TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122149TB

Quant Time: Aug 12 08:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

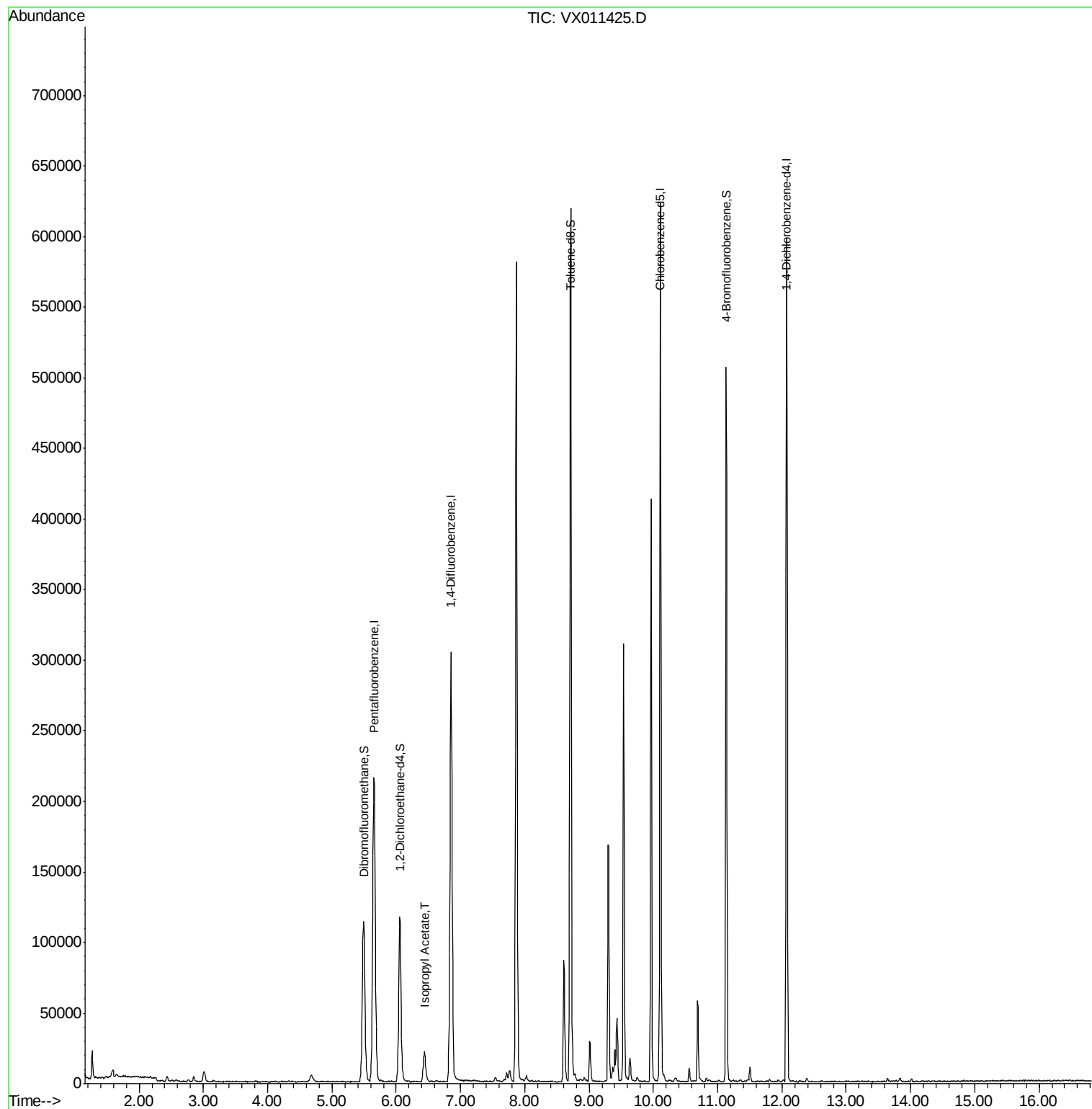
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	212729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112449	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	5.49	113	96064	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	368949	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.13	95	124729	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	29011	6.607	ug/l	Qvalue 99

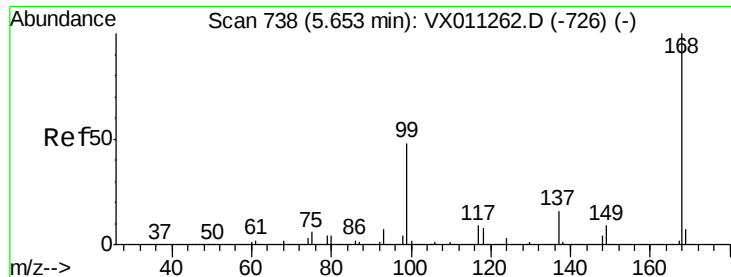
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011425.D

Acq: 11 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

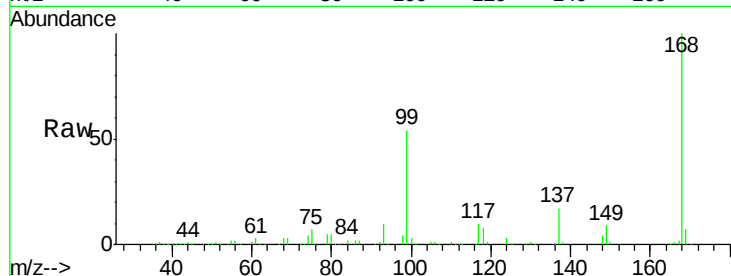
PB122149TB

Tot Ion:168 Resp: 212729

Ion Ratio Lower Upper

168 100

99 54.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

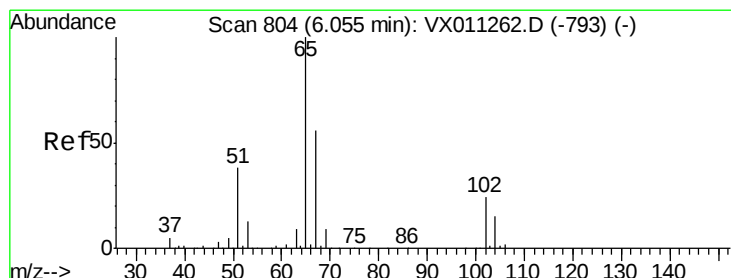
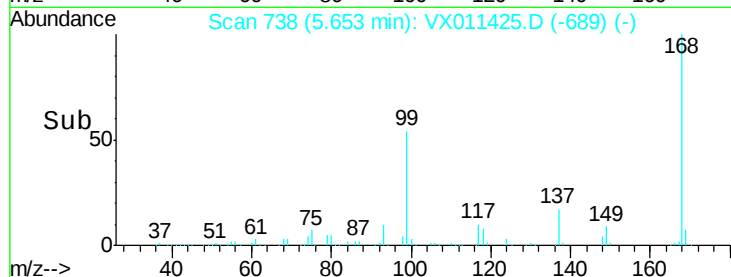
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.490 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011425.D

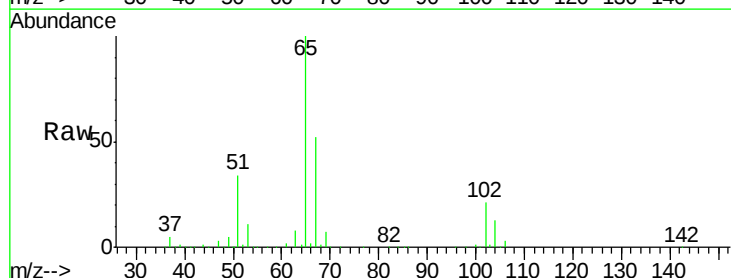
Acq: 11 Aug 2019 12:45

Tgt Ion: 65 Resp: 112449

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

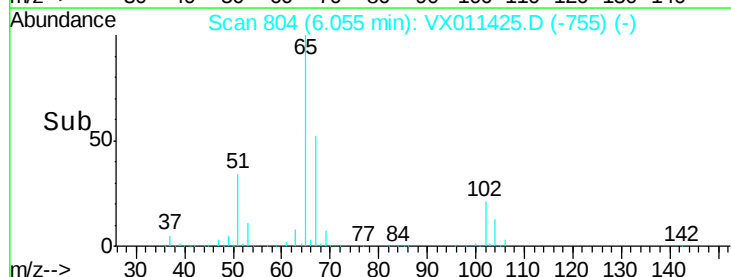
30000

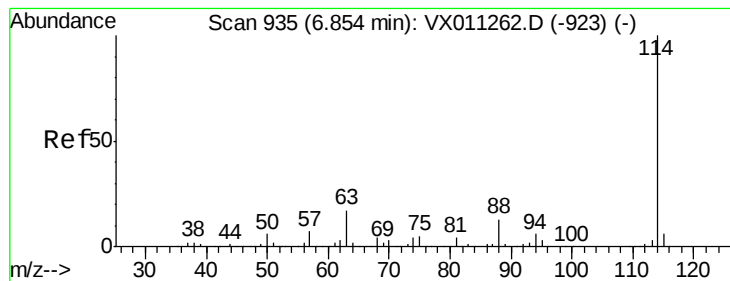
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB122149TB

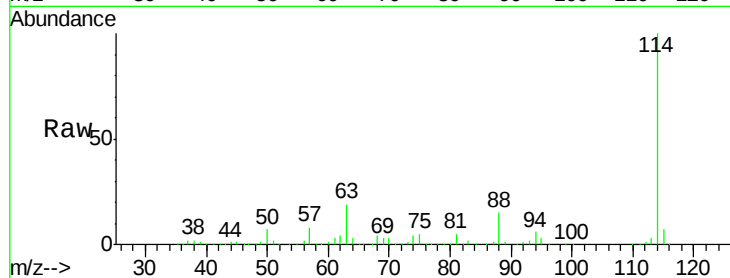
Tot Ion:114 Resp: 313619

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

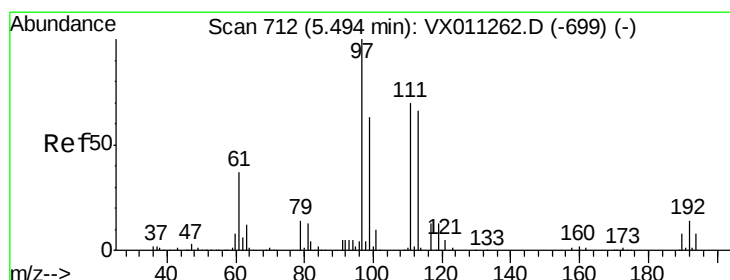
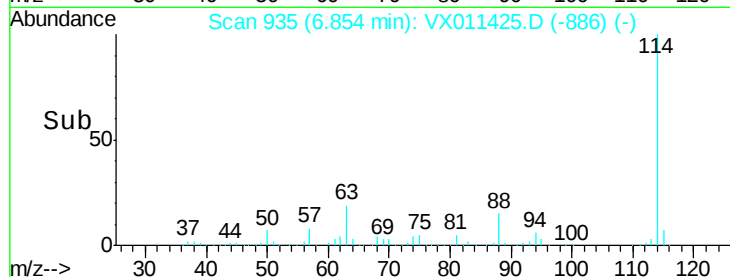
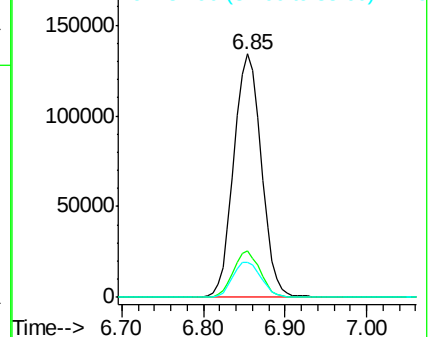
88 14.6 0.0 26.4



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: 46.917 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

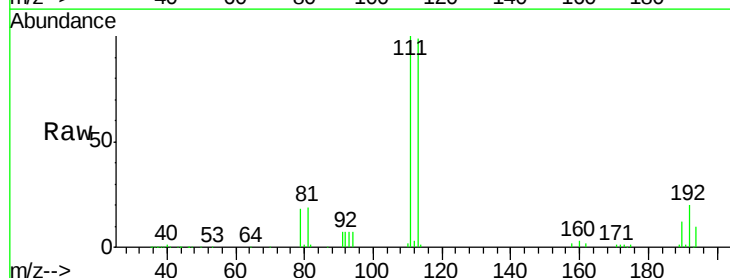
Tgt Ion:113 Resp: 96064

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

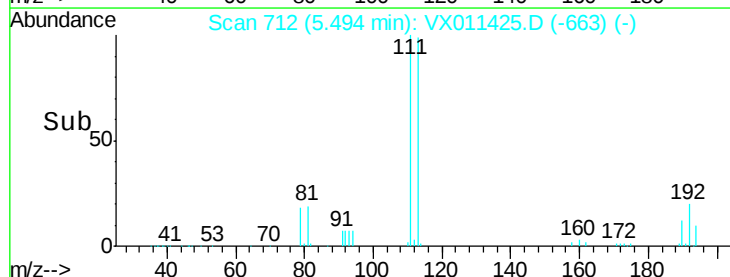
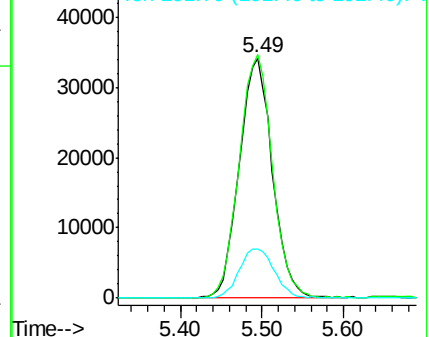
192 21.8 17.8 26.8

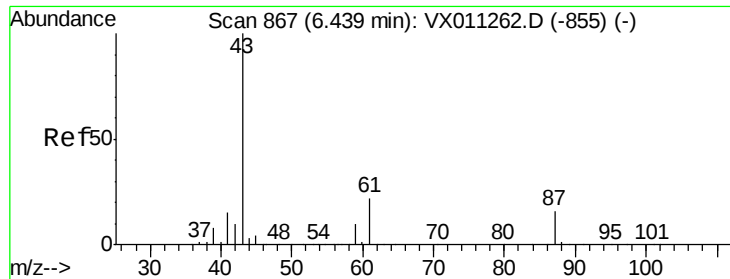


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.607 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB122149TB

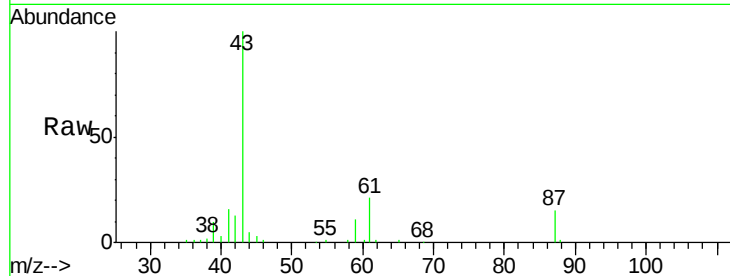
Tot Ion: 43 Resp: 29011

Ion Ratio Lower Upper

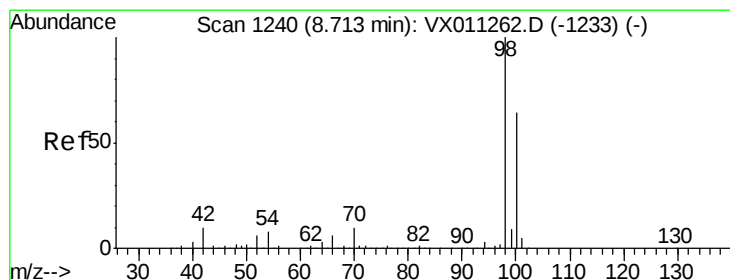
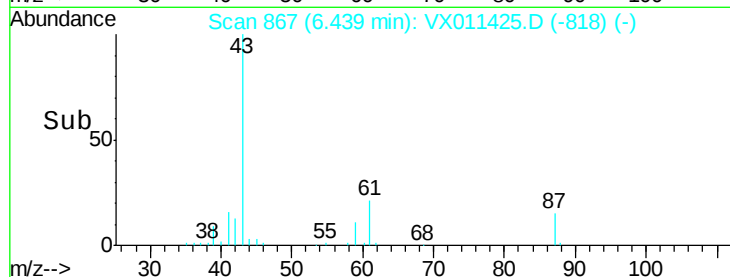
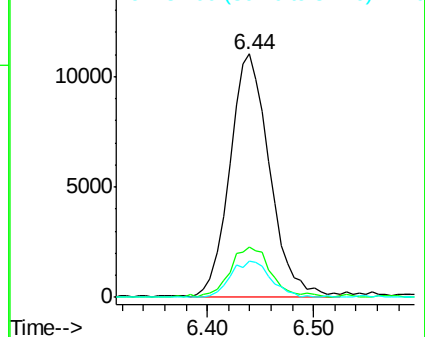
43 100

61 21.3 16.5 24.7

87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 47.736 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011425.D

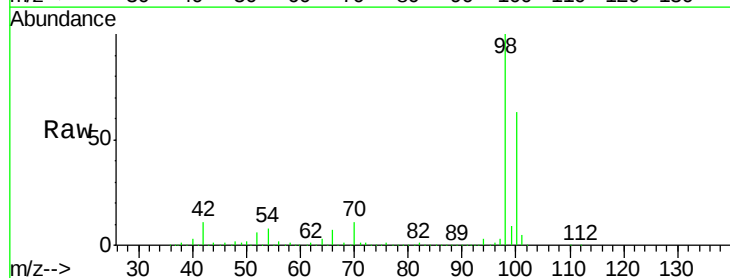
Acq: 11 Aug 2019 12:45

Tgt Ion: 98 Resp: 368949

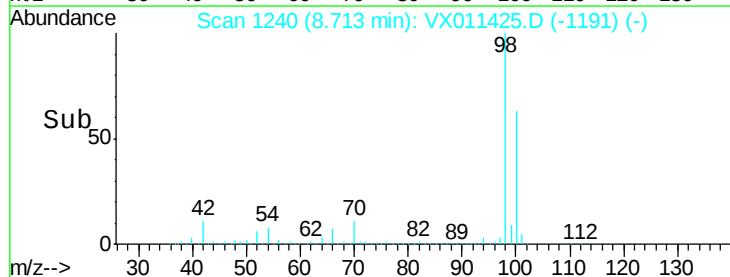
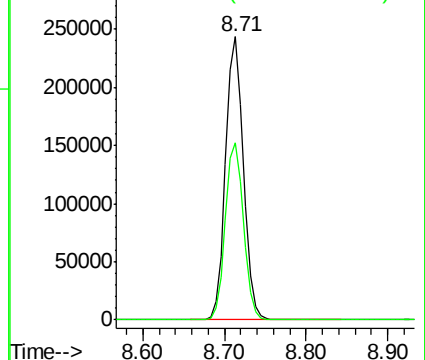
Ion Ratio Lower Upper

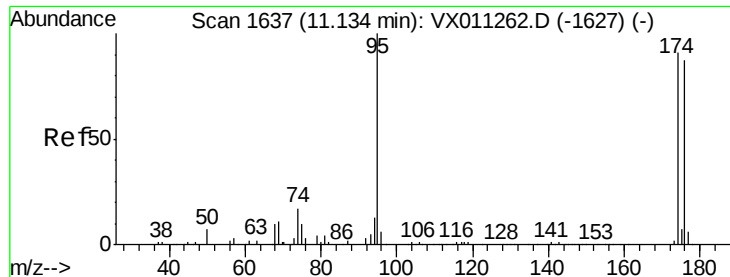
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.201 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB122149TB

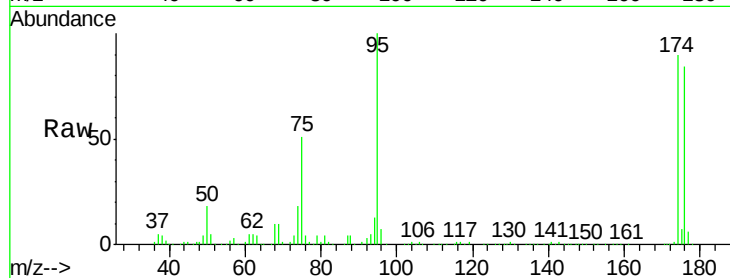
Tot Ion: 95 Resp: 124729

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

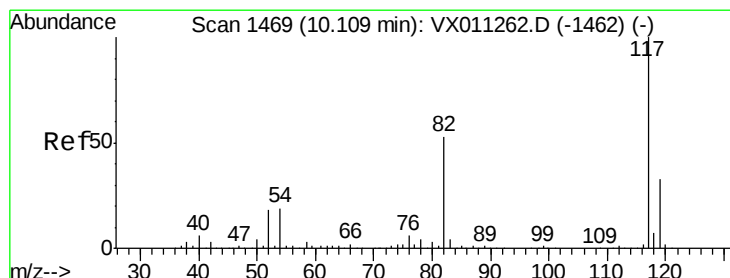
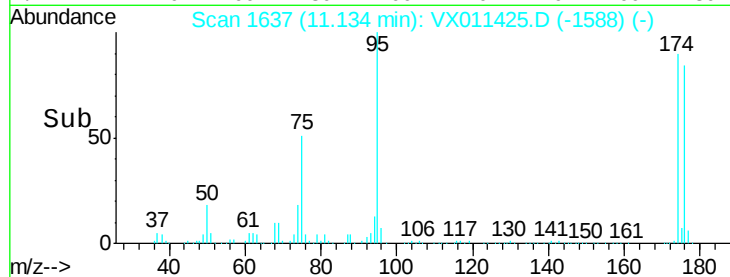
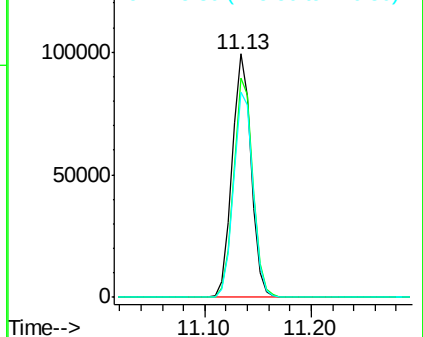
176 86.4 0.0 184.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

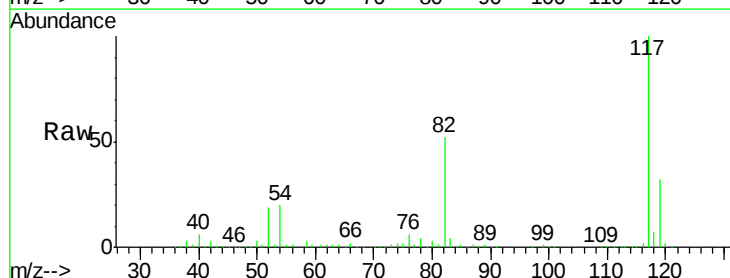
Tgt Ion: 117 Resp: 285063

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

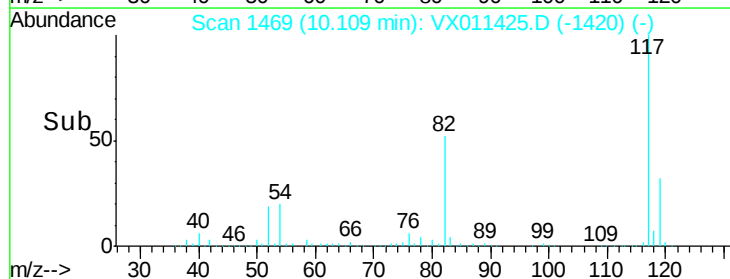
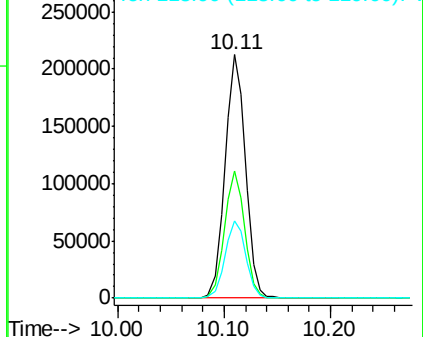
119 31.8 26.6 39.8

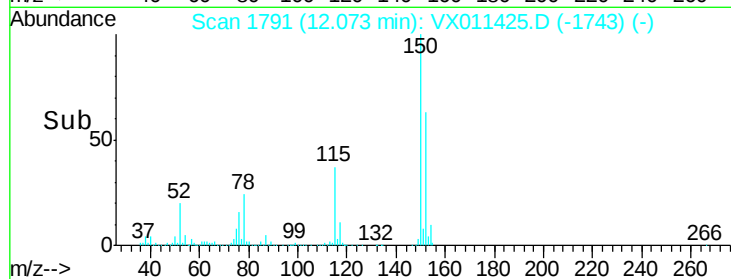
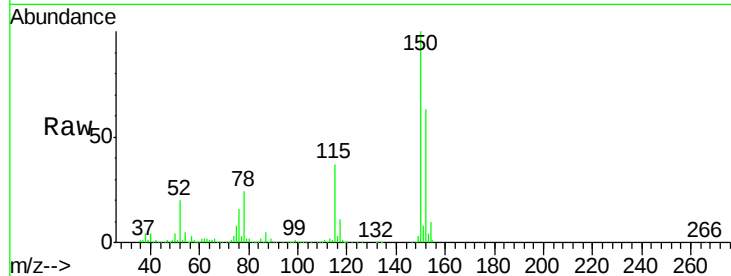
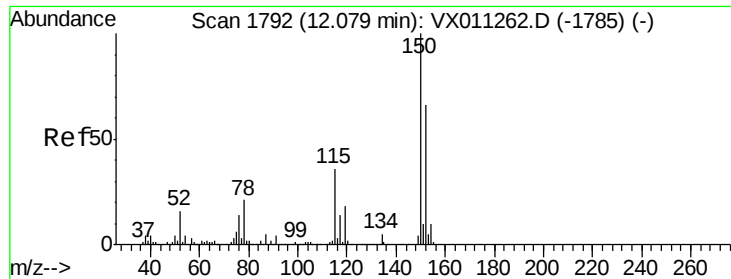


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011425.D

Acq: 11 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

PB122149TB

Tot Ion:152 Resp: 127022

Ion Ratio Lower Upper

152 100

115 57.1 40.0 119.9

150 157.1 0.0 350.4

