

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009171.D
 Acq On : 25 Apr 2019 18:40
 Operator : JC/SP
 Sample : K2566-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0019

Quant Time: Apr 26 10:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137171	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	5.50	113	101425	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.71	98	416906	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	137137	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

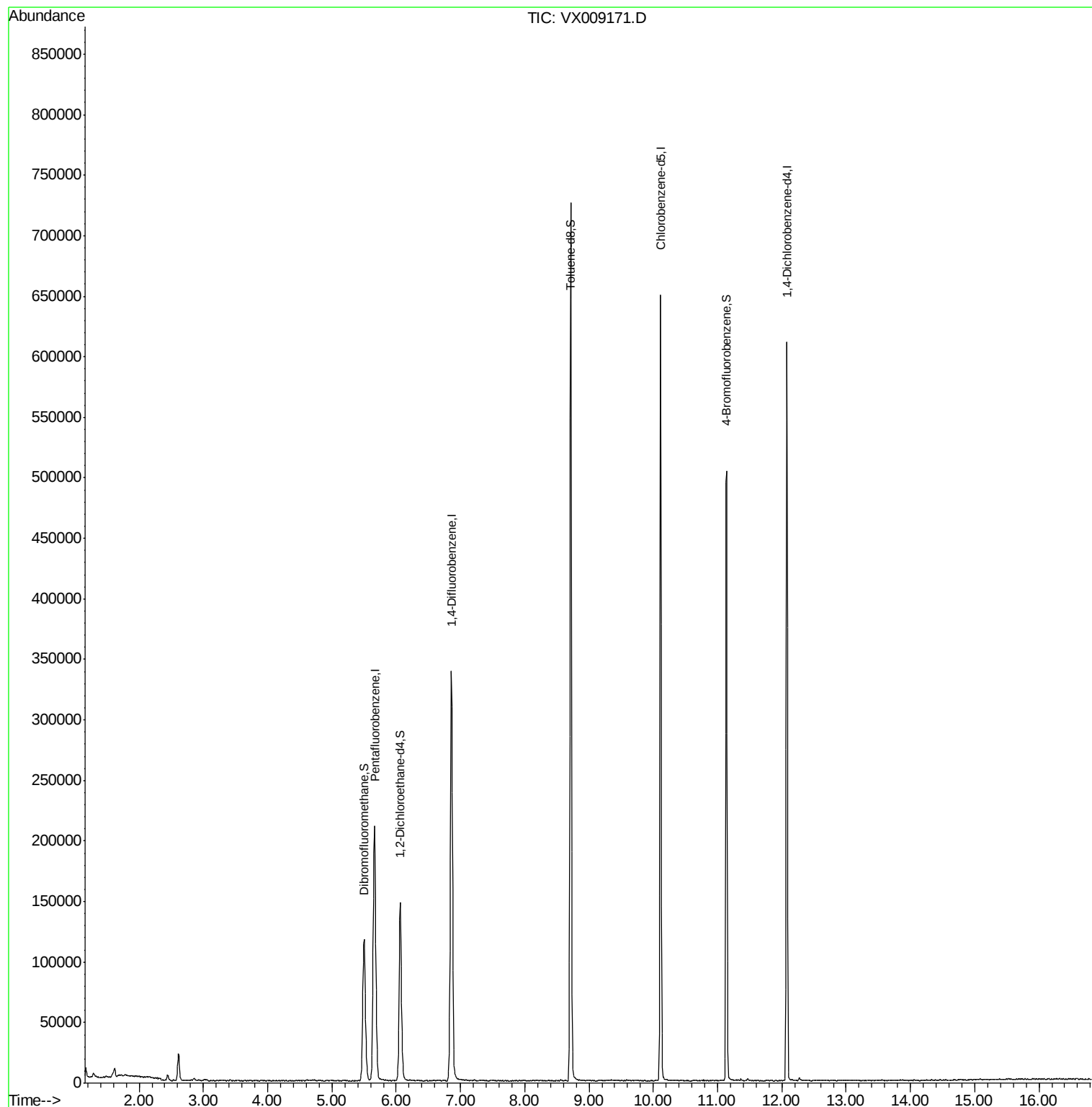
Target Compounds	Qvalue

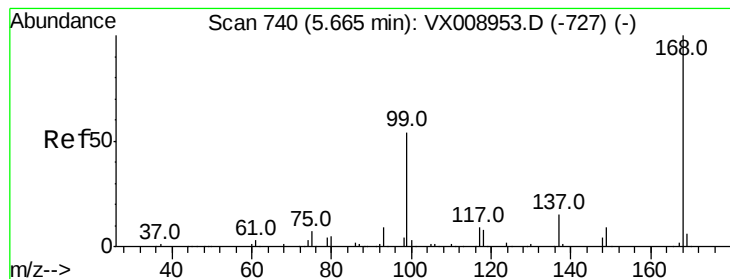
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

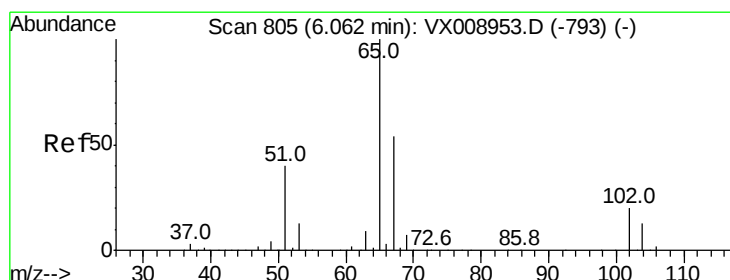
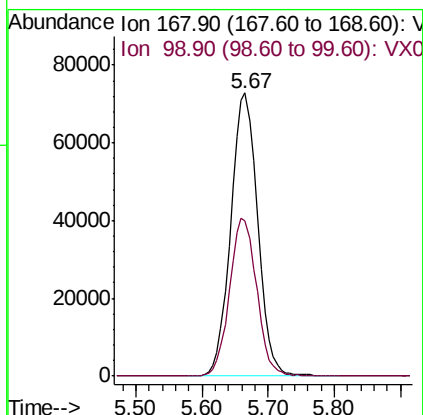
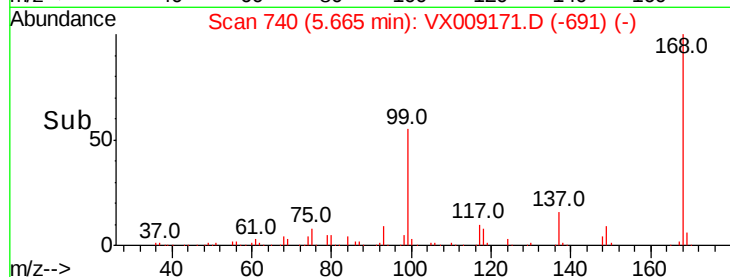
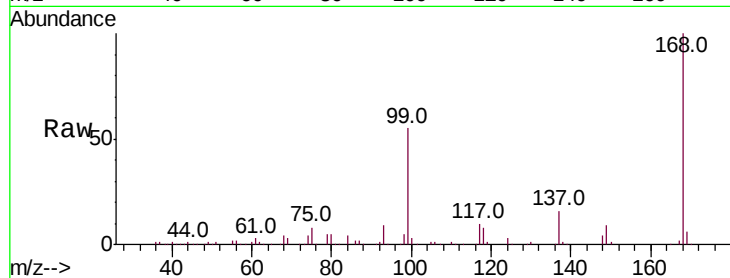
S37-0019

Tot Ion:168 Resp: 205624

Ion Ratio Lower Upper

168 100

99 54.9 43.0 64.6



#33

1,2-Dichloroethane-d4

Concen: 47.336 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009171.D

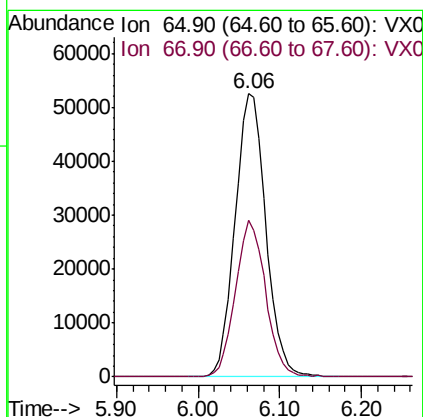
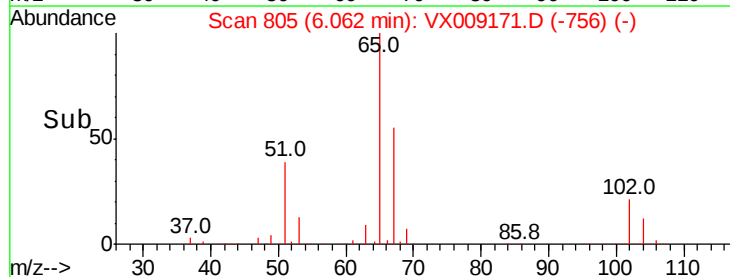
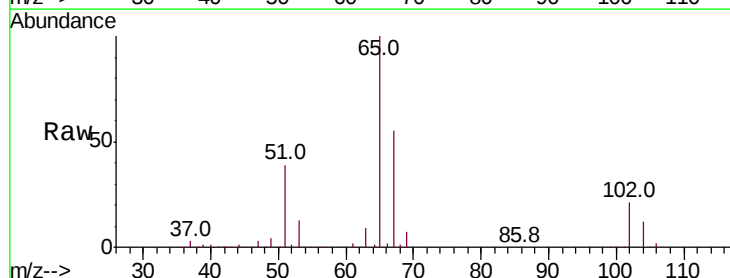
Acq: 25 Apr 2019 18:40

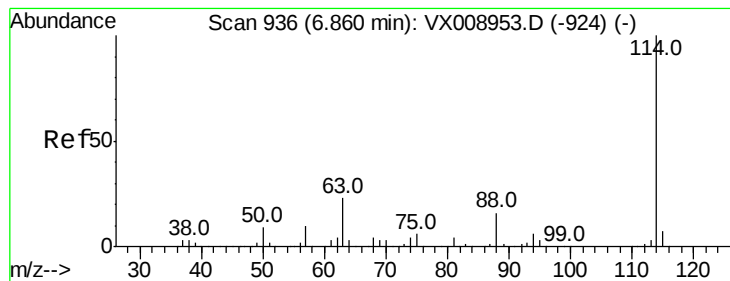
Tgt Ion: 65 Resp: 137171

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

Instrument :

MSVOA_X

ClientSampled :

S37-0019

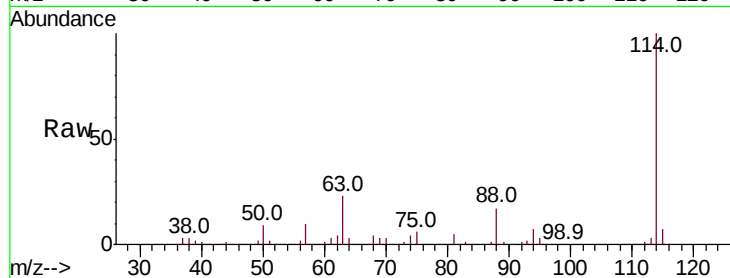
Tot Ion:114 Resp: 334271

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

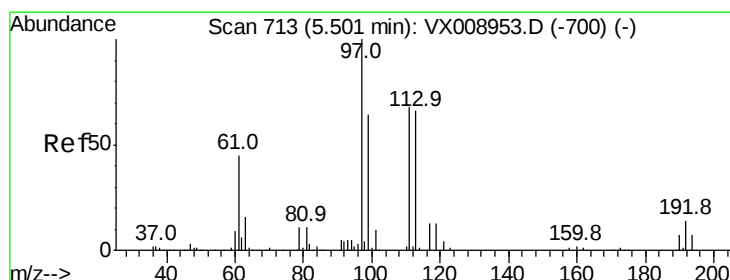
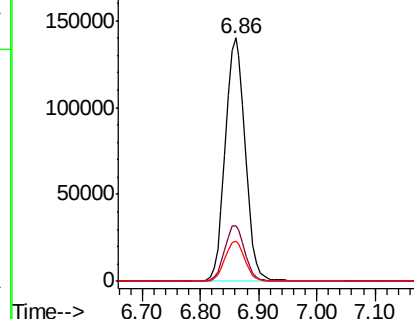
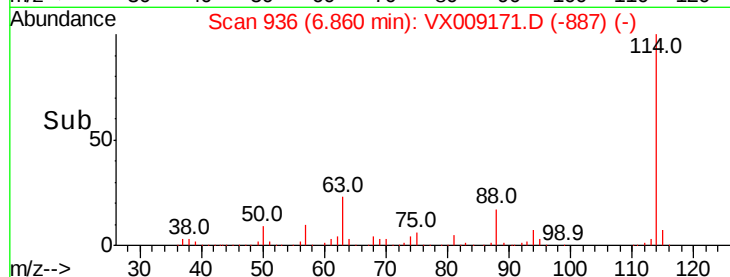
88 16.6 0.0 32.6



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: 47.278 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

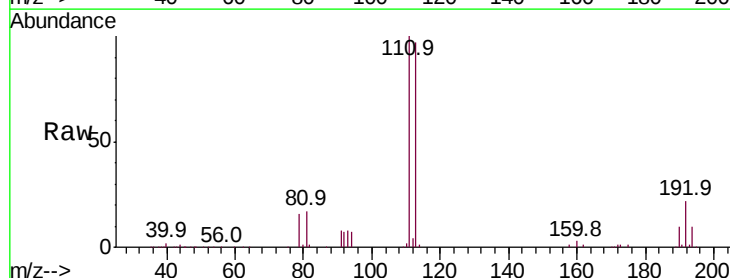
Tgt Ion:113 Resp: 101425

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

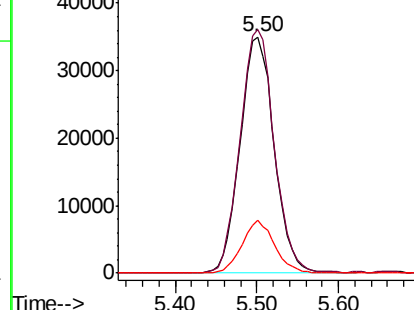
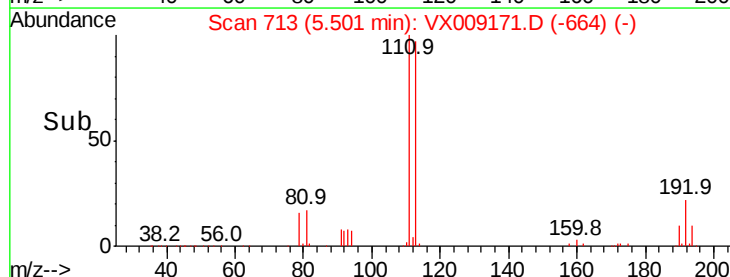
192 21.5 17.4 26.0

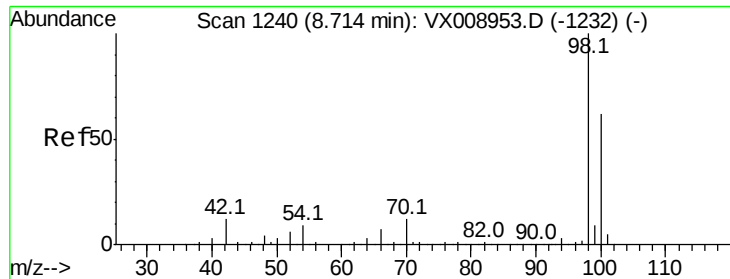


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.730 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

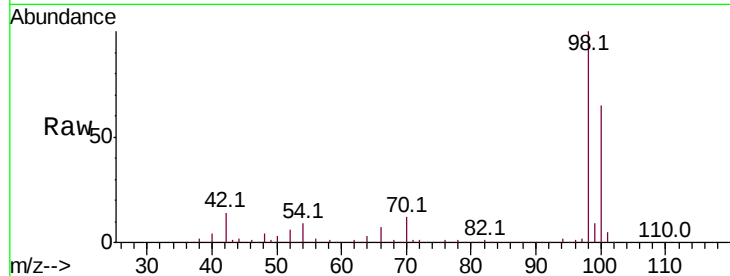
S37-0019

Tot Ion: 98 Resp: 416906

Ion Ratio Lower Upper

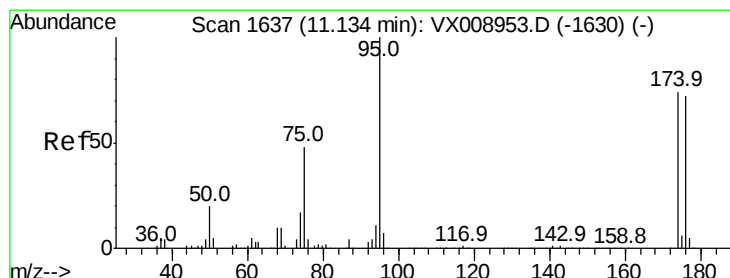
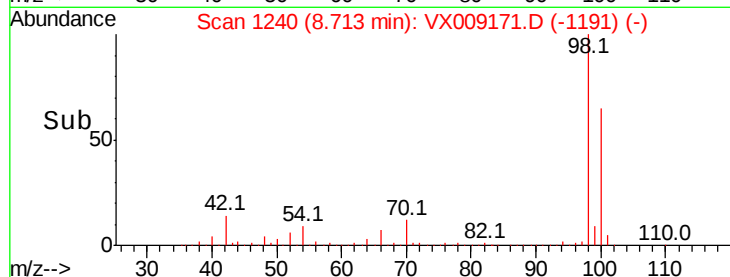
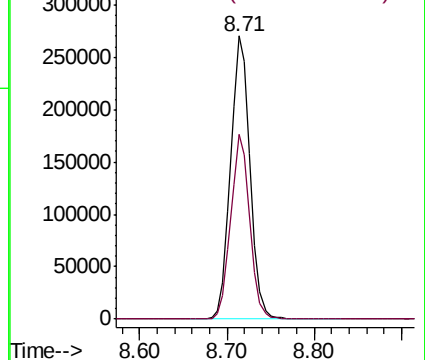
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.408 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

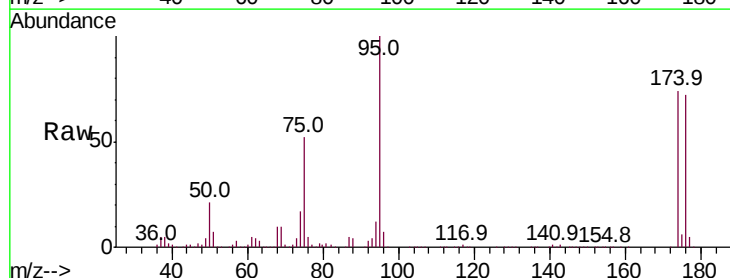
Tgt Ion: 95 Resp: 137137

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.6

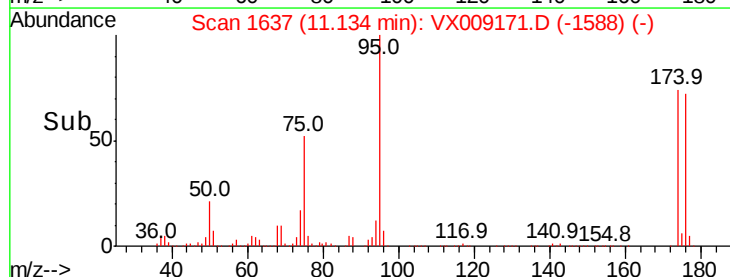
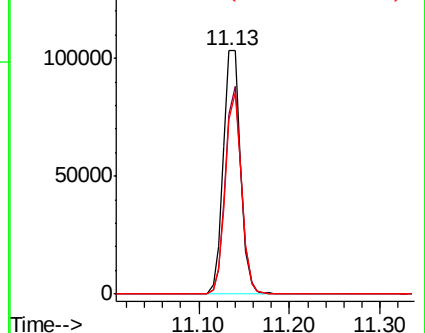
176 77.7 0.0 154.8

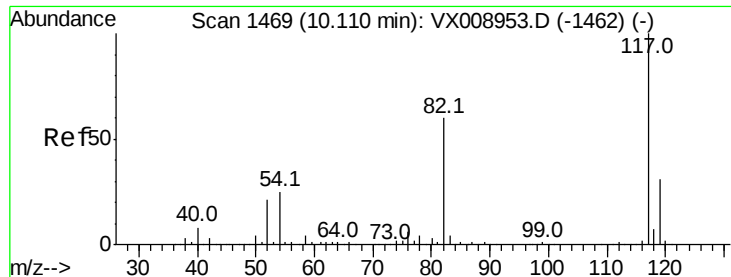


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009171.D

Acq: 25 Apr 2019 18:40

Instrument :

MSVOA_X

ClientSampled :

S37-0019

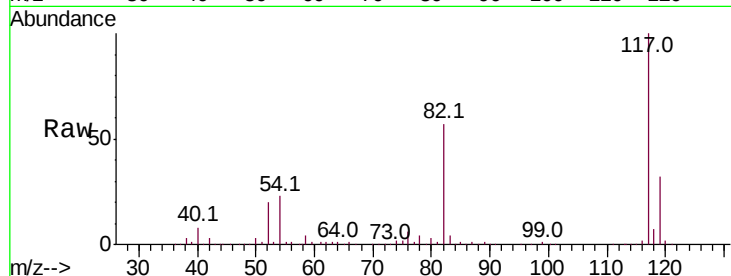
Tot Ion:117 Resp: 288768

Ion Ratio Lower Upper

117 100

82 56.7 48.2 72.4

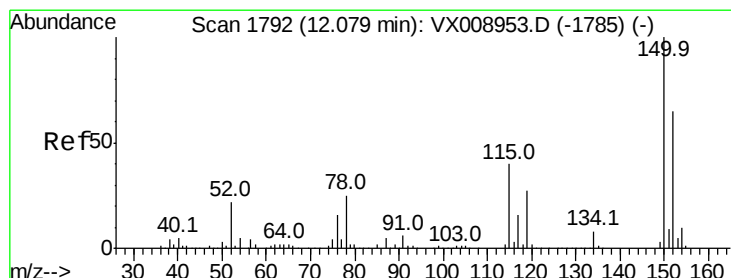
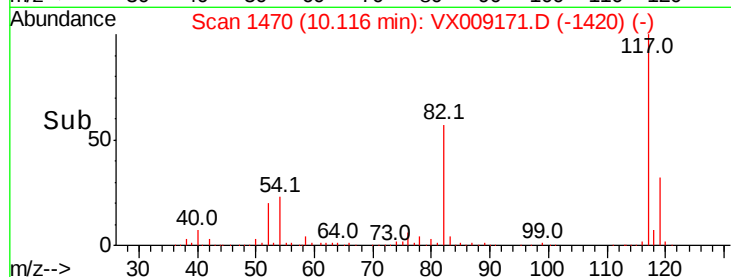
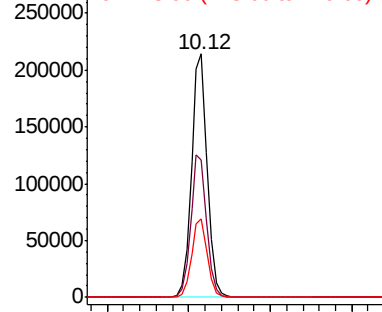
119 32.4 25.0 37.6



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: VX009171.D

Acq: 25 Apr 2019 18:40

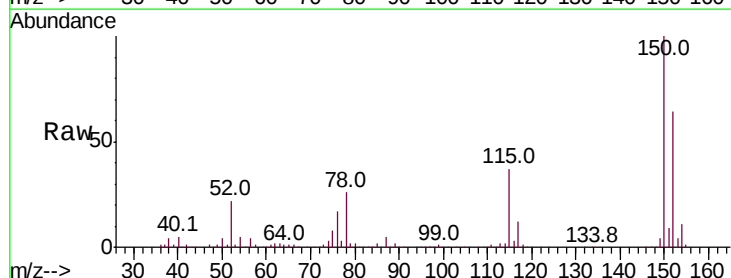
Tgt Ion:152 Resp: 120883

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

150 155.7 0.0 349.8



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

