

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010715.D
 Acq On : 08 Jul 2019 23:36
 Operator : JC/SP
 Sample : K3691-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-TB01-190704

Quant Time: Jul 09 03:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149983	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115456	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	5.50	113	109600	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	423381	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	144917	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	

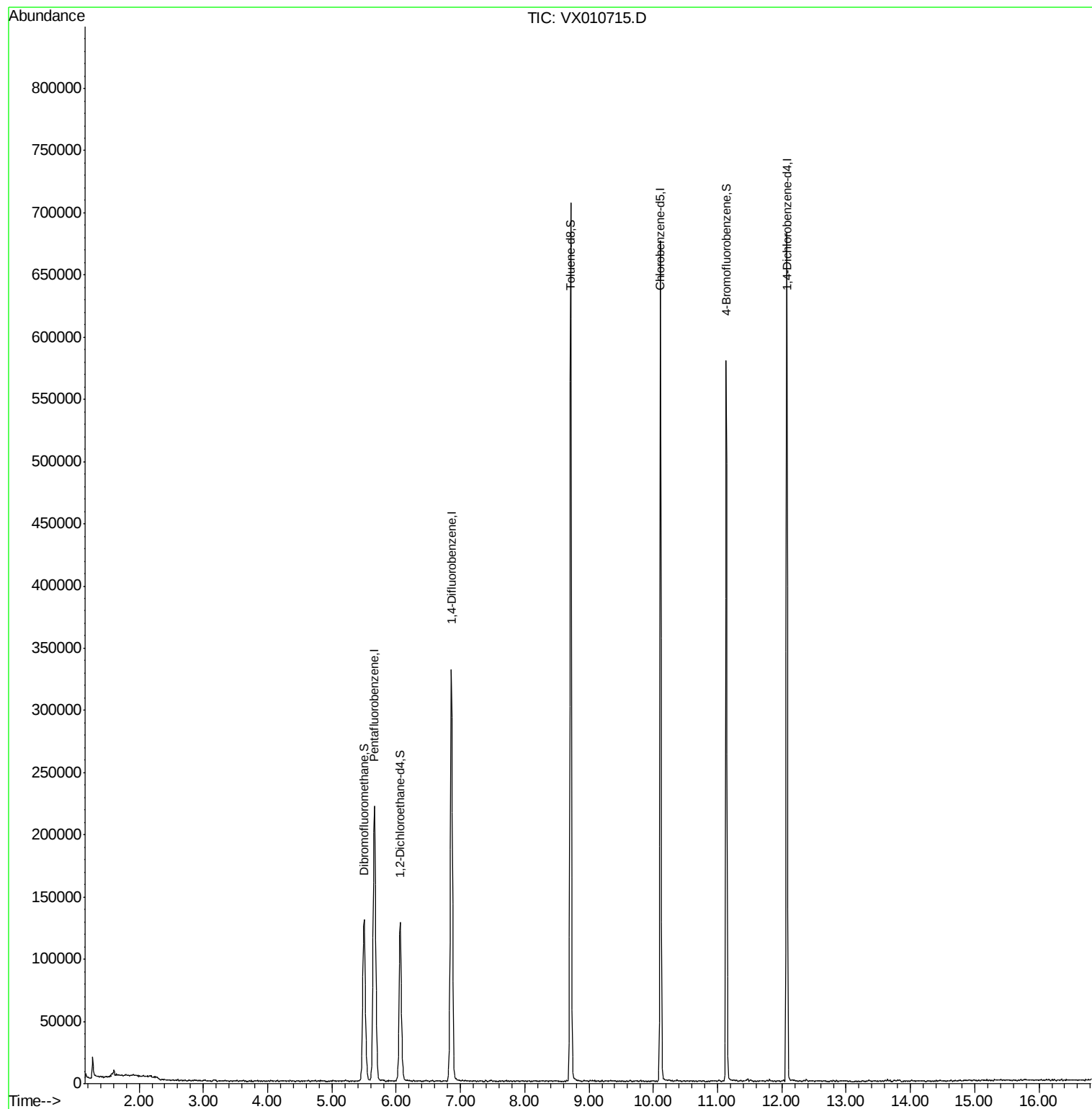
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010715.D

Acq: 08 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

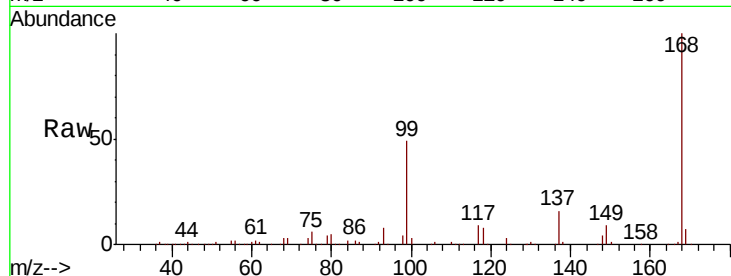
E3-TB01-190704

Tgt Ion: 168 Resp: 230332

Ion Ratio Lower Upper

168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

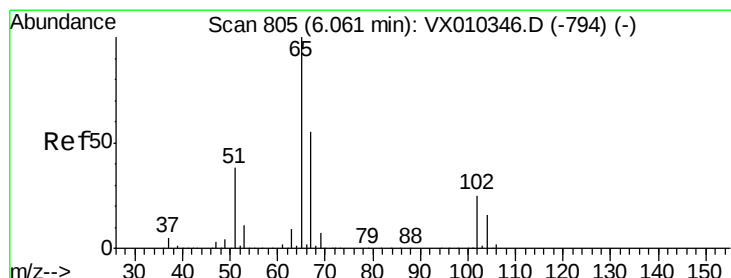
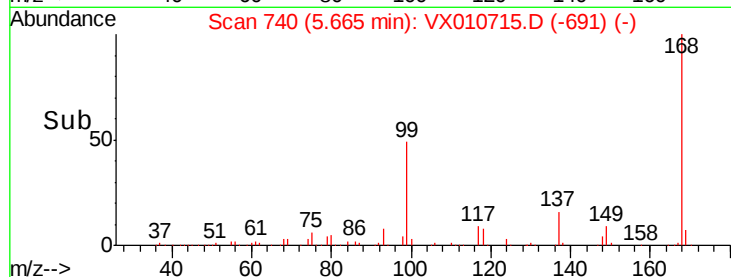
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.462 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010715.D

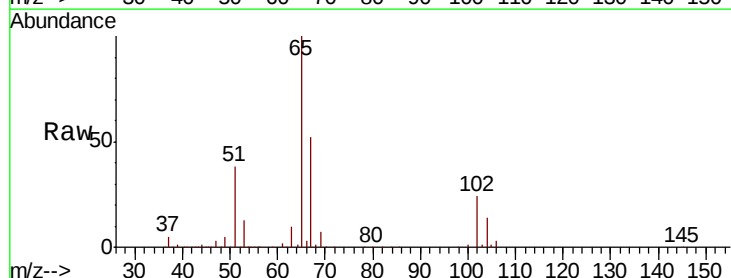
Acq: 08 Jul 2019 23:36

Tgt Ion: 65 Resp: 115456

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

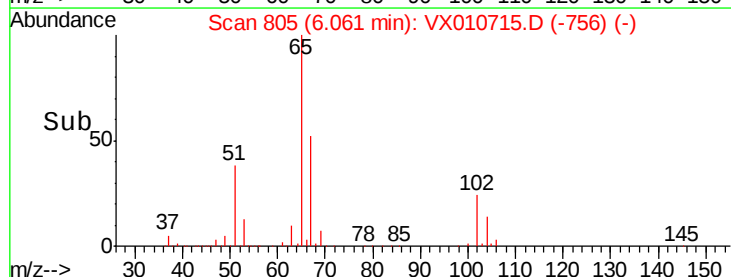
30000

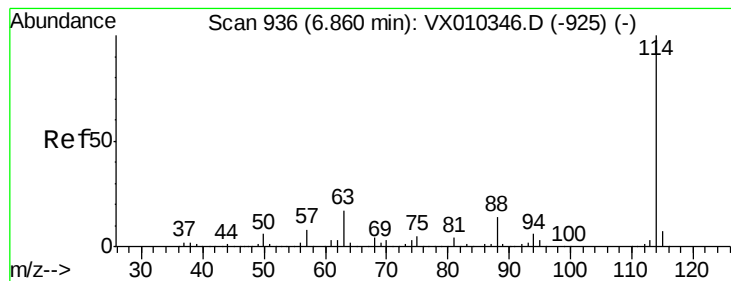
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010715.D

Acq: 08 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

E3-TB01-190704

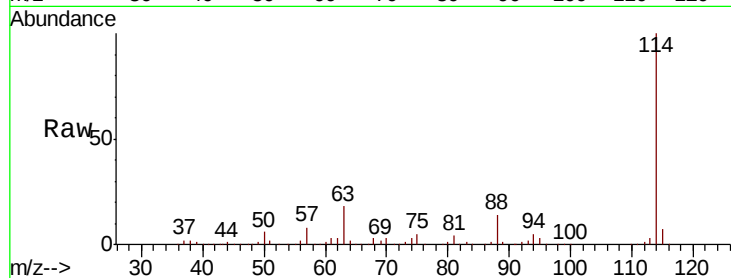
Tgt Ion:114 Resp: 359810

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

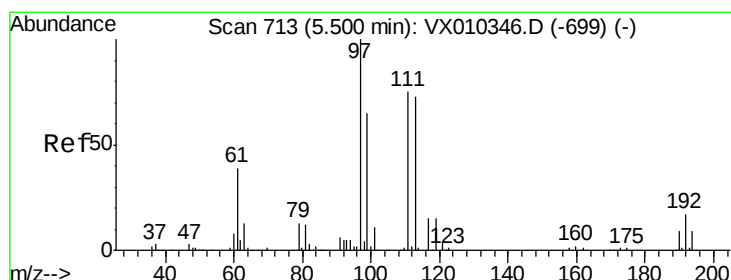
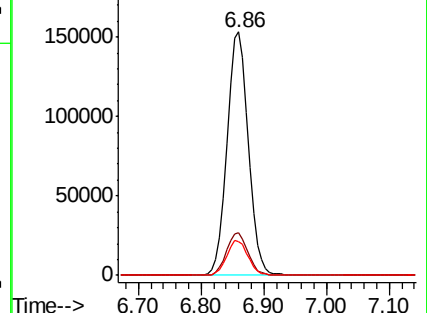
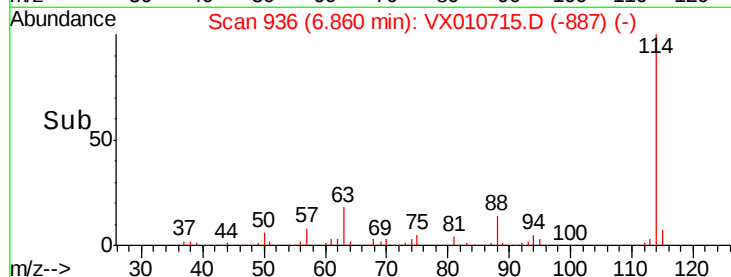
88 14.1 0.0 27.6



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: 49.785 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010715.D

Acq: 08 Jul 2019 23:36

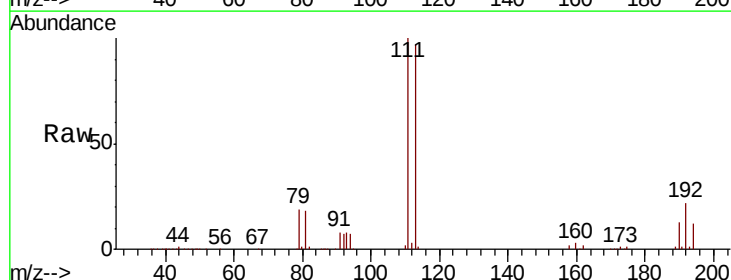
Tgt Ion:113 Resp: 109600

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

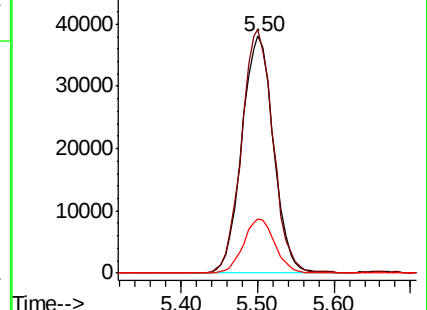
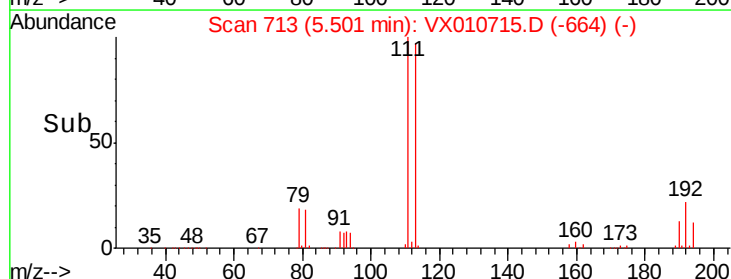
192 22.6 18.6 27.8

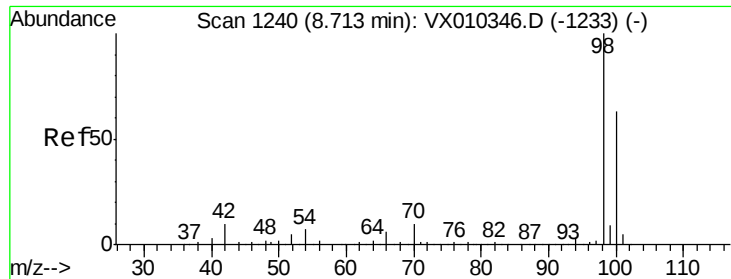


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.269 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010715.D

Acq: 08 Jul 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

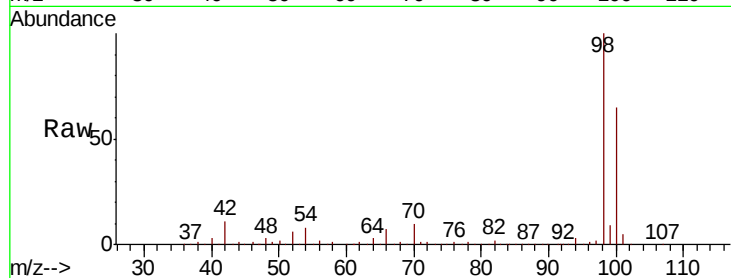
E3-TB01-190704

Tgt Ion: 98 Resp: 423381

Ion Ratio Lower Upper

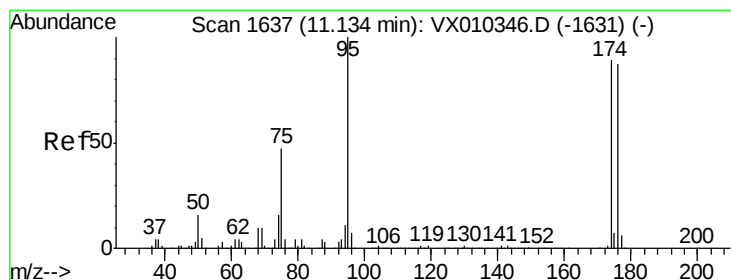
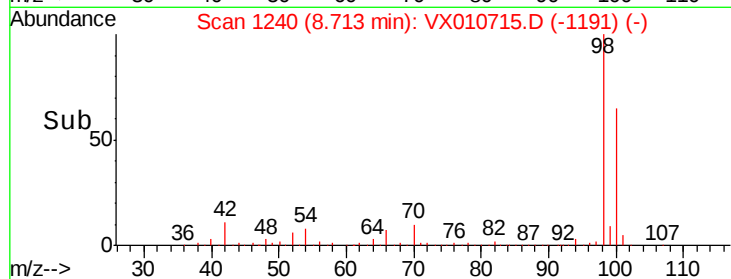
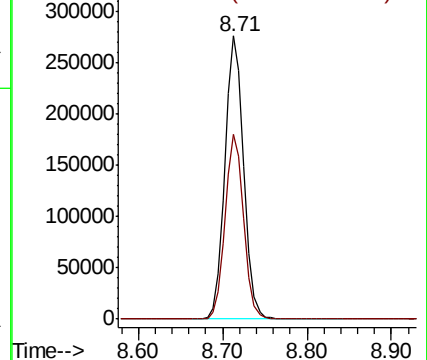
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.659 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010715.D

Acq: 08 Jul 2019 23:36

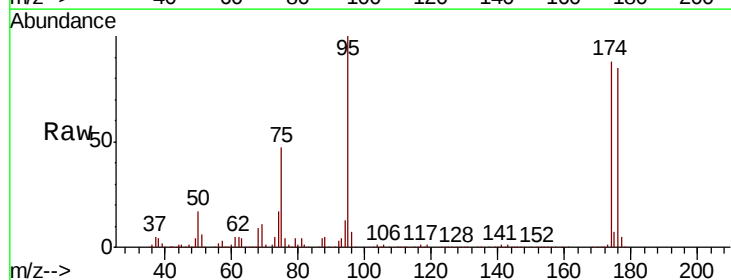
Tgt Ion: 95 Resp: 144917

Ion Ratio Lower Upper

95 100

174 91.9 0.0 187.6

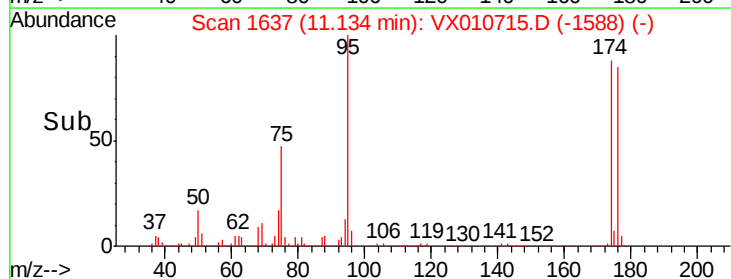
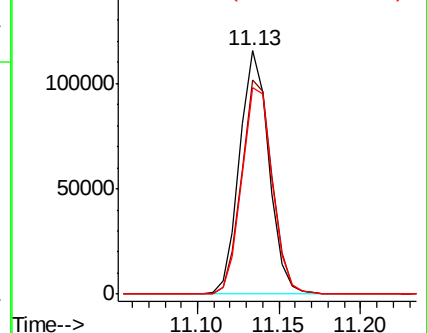
176 89.0 0.0 184.0

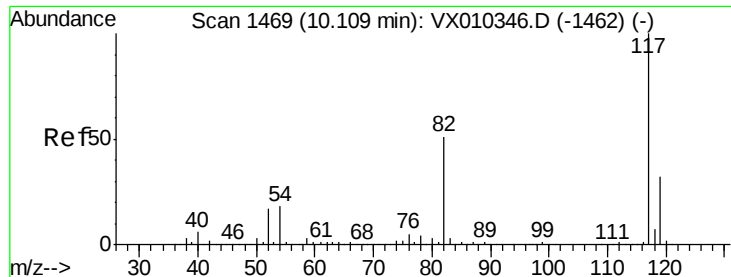


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

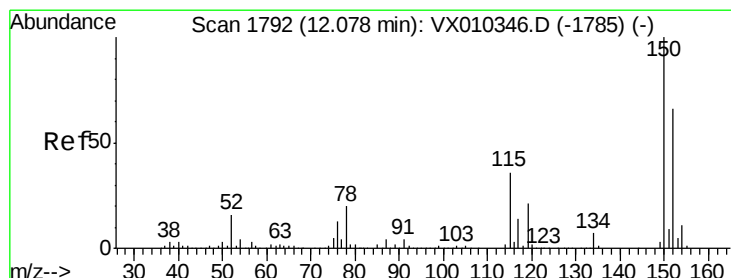
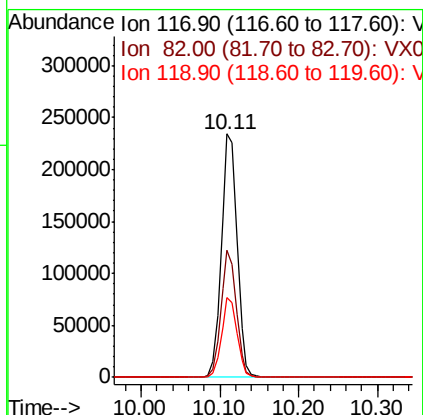
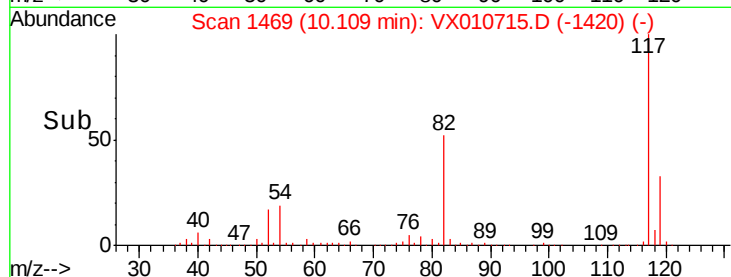
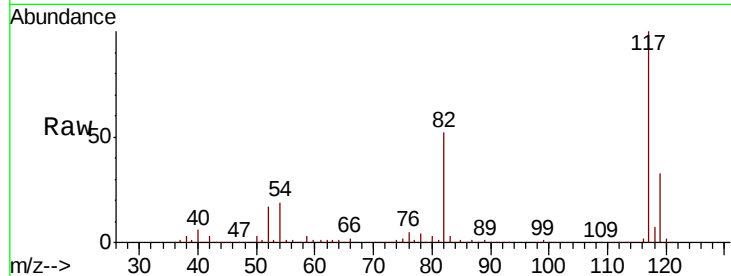




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010715.D
Acq: 08 Jul 2019 23:36

Instrument :
MSVOA_X
ClientSampleId :
E3-TB01-190704

Tgt Ion:117 Resp: 325991
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010715.D
Acq: 08 Jul 2019 23:36

Tgt Ion:152 Resp: 149983
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 157.3 0.0 347.4

