

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004408.D
 Acq On : 07 Sep 2018 15:38
 Operator : JC/MD
 Sample : J4812-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB090618

Quant Time: Sep 08 03:51:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	522167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	222401	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
35) Dibromofluoromethane	5.50	113	197125	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	740726	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.14	95	260821	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

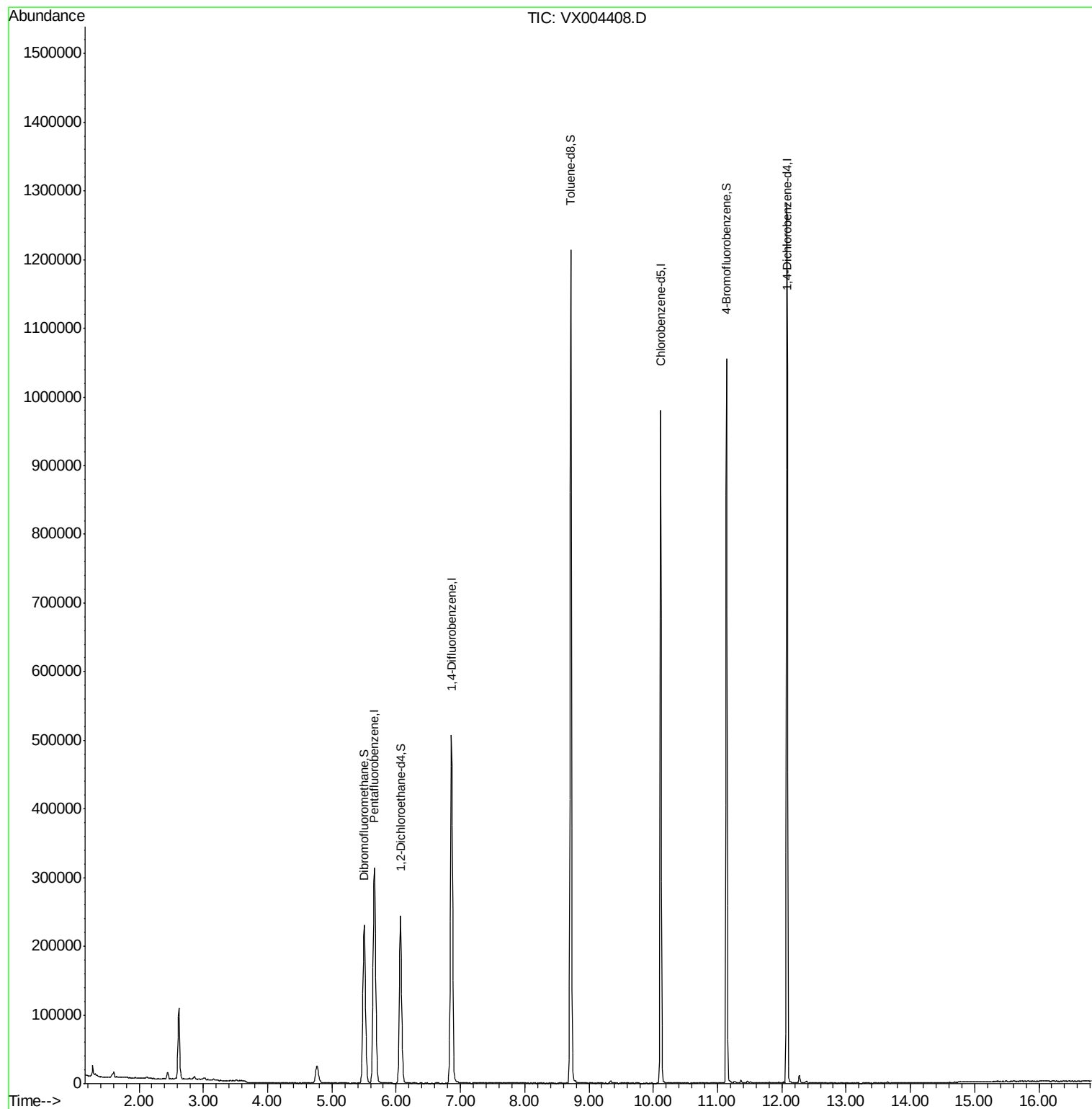
Target Compounds	Qvalue

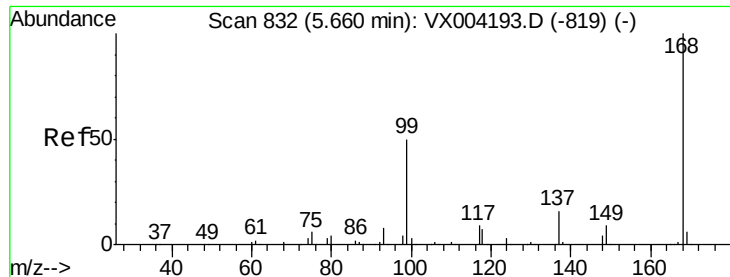
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004408.D

Acq: 07 Sep 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

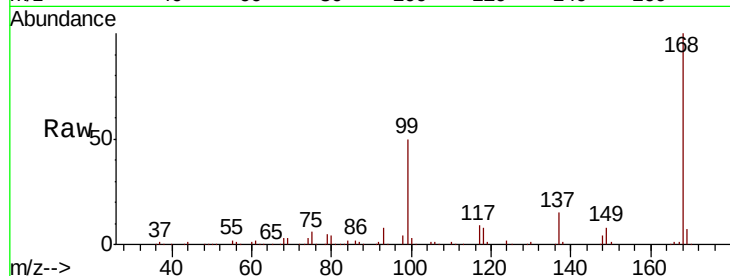
FB090618

Tot Ion:168 Resp: 329048

Ion Ratio Lower Upper

168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

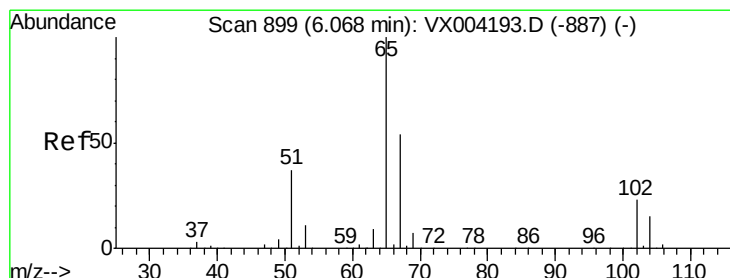
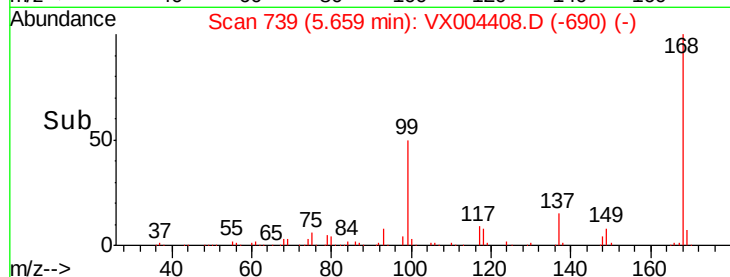
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004408.D

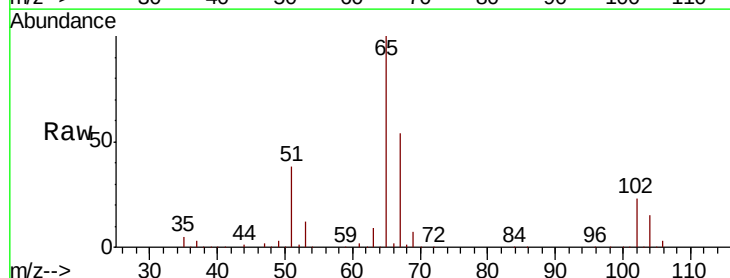
Acq: 07 Sep 2018 15:38

Tgt Ion: 65 Resp: 222401

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

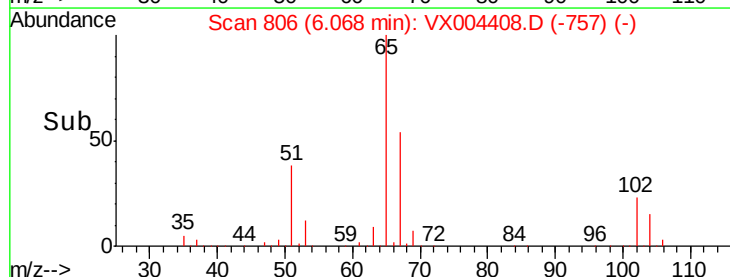
60000

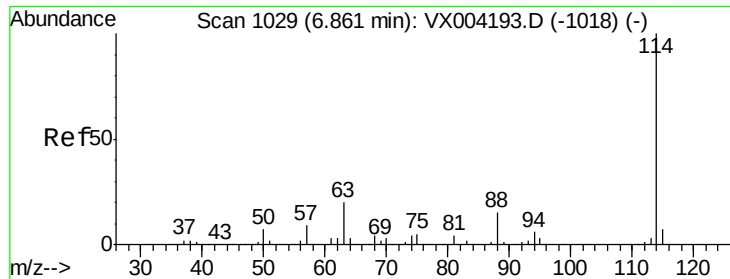
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004408.D

Acq: 07 Sep 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

FB090618

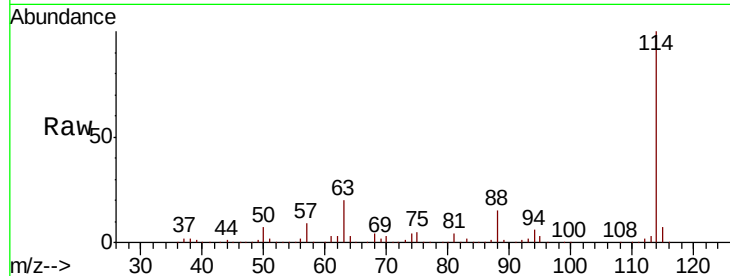
Tot Ion:114 Resp: 522167

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

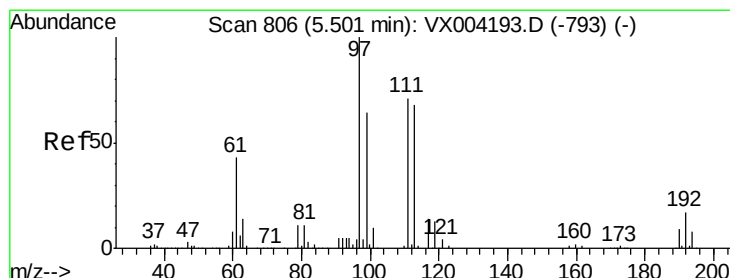
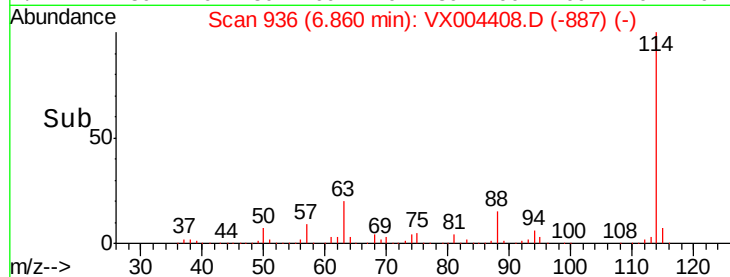
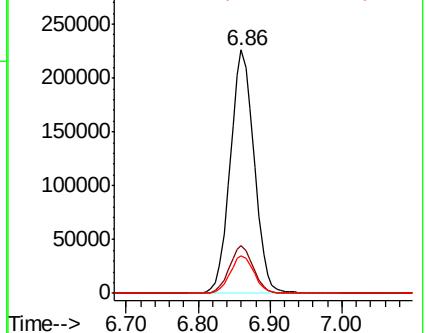
88 15.2 0.0 30.4



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: 50.75 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004408.D

Acq: 07 Sep 2018 15:38

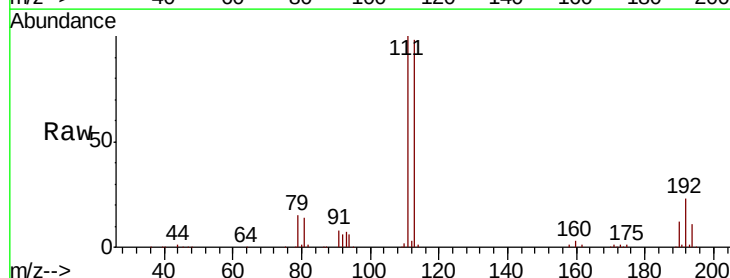
Tgt Ion:113 Resp: 197125

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

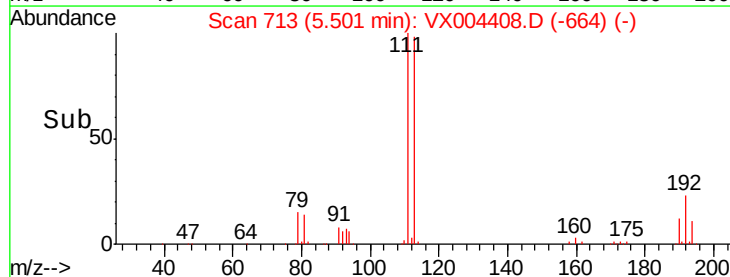
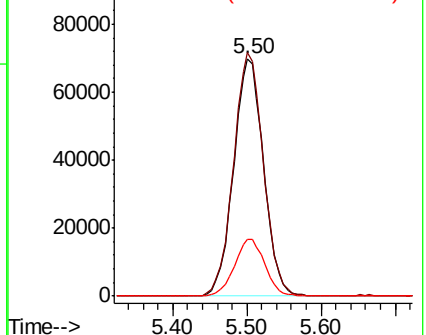
192 24.2 19.4 29.2

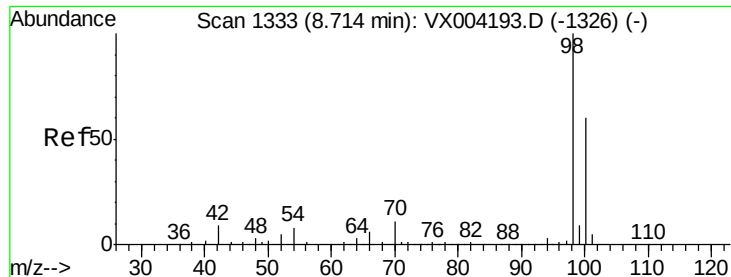


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.52 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004408.D

Acq: 07 Sep 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

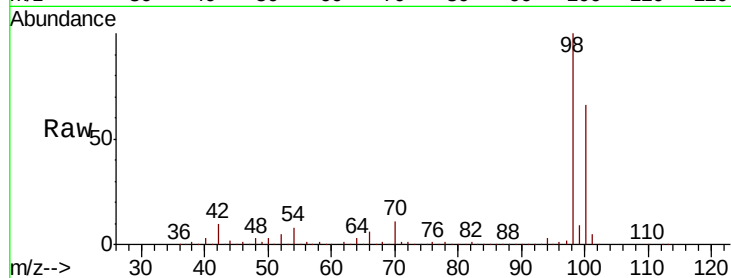
FB090618

Tot Ion: 98 Resp: 740726

Ion Ratio Lower Upper

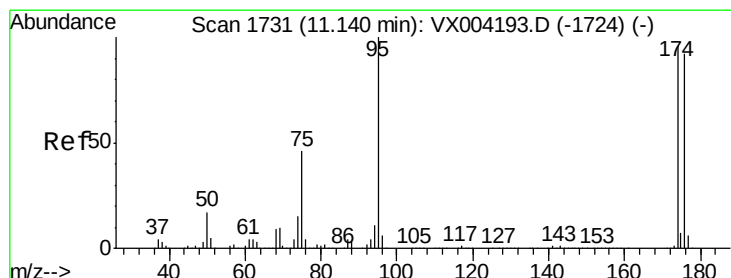
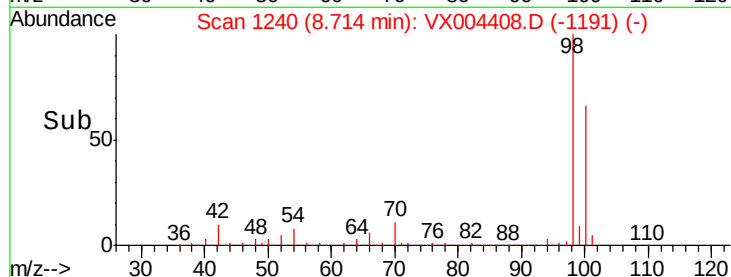
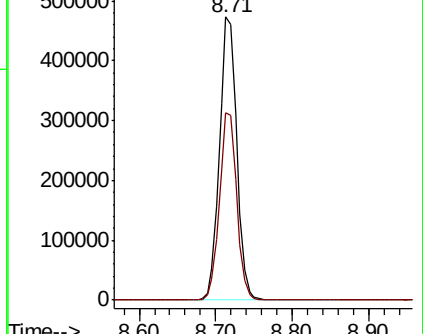
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.67 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004408.D

Acq: 07 Sep 2018 15:38

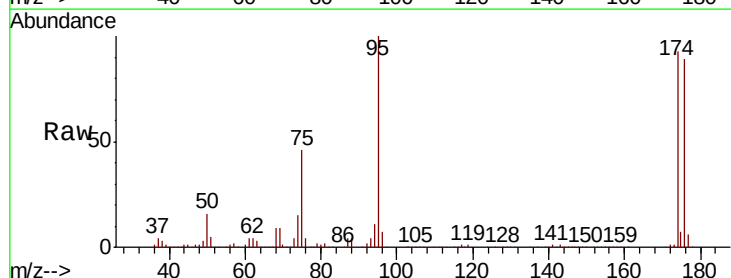
Tgt Ion: 95 Resp: 260821

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

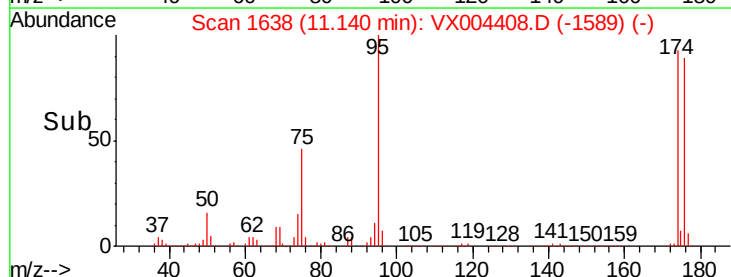
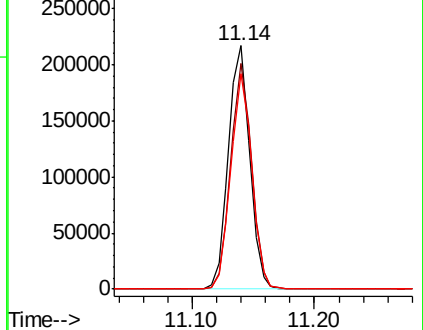
176 87.2 0.0 178.6

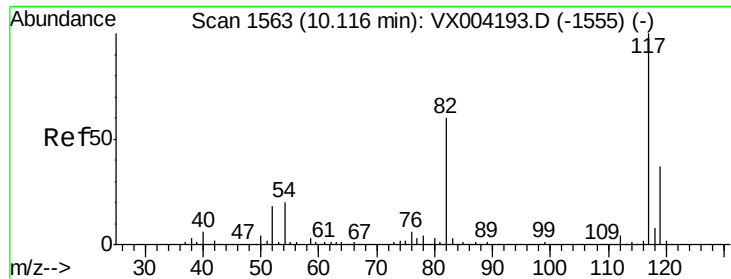


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

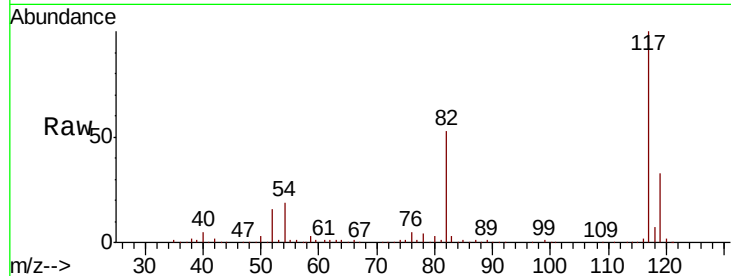




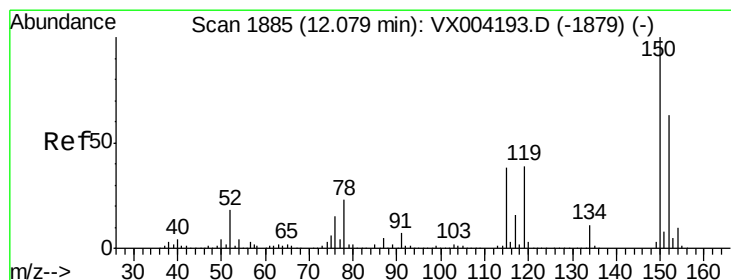
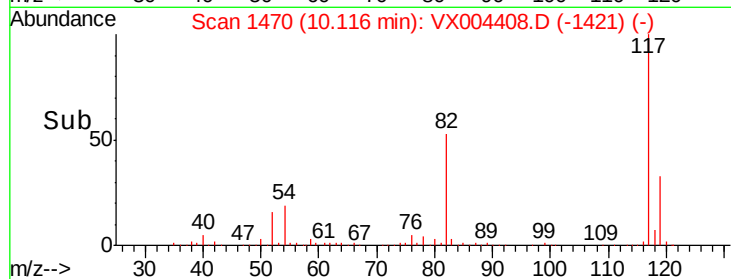
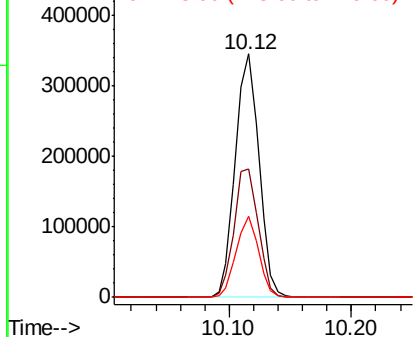
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004408.D
Acq: 07 Sep 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :
FB090618

Tot Ion:117 Resp: 464069
Ion Ratio Lower Upper
117 100
82 52.6 47.8 71.6
119 33.4 29.3 43.9

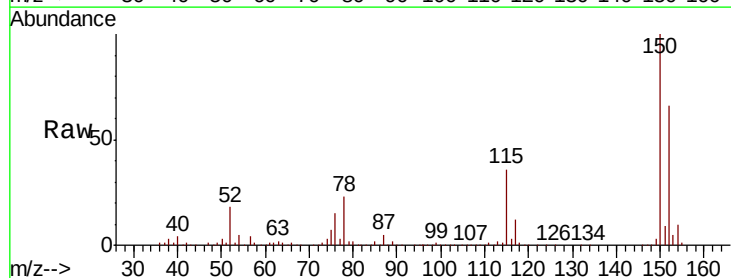


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004408.D
Acq: 07 Sep 2018 15:38

Tgt Ion:152 Resp: 272254
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 155.3 0.0 351.0



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

