

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004854.D
 Acq On : 29 Sep 2018 06:45
 Operator : JC/MD
 Sample : J5134-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913

Quant Time: Oct 01 12:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177621	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	5.50	113	149919	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.71	98	543757	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.14	95	193248	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

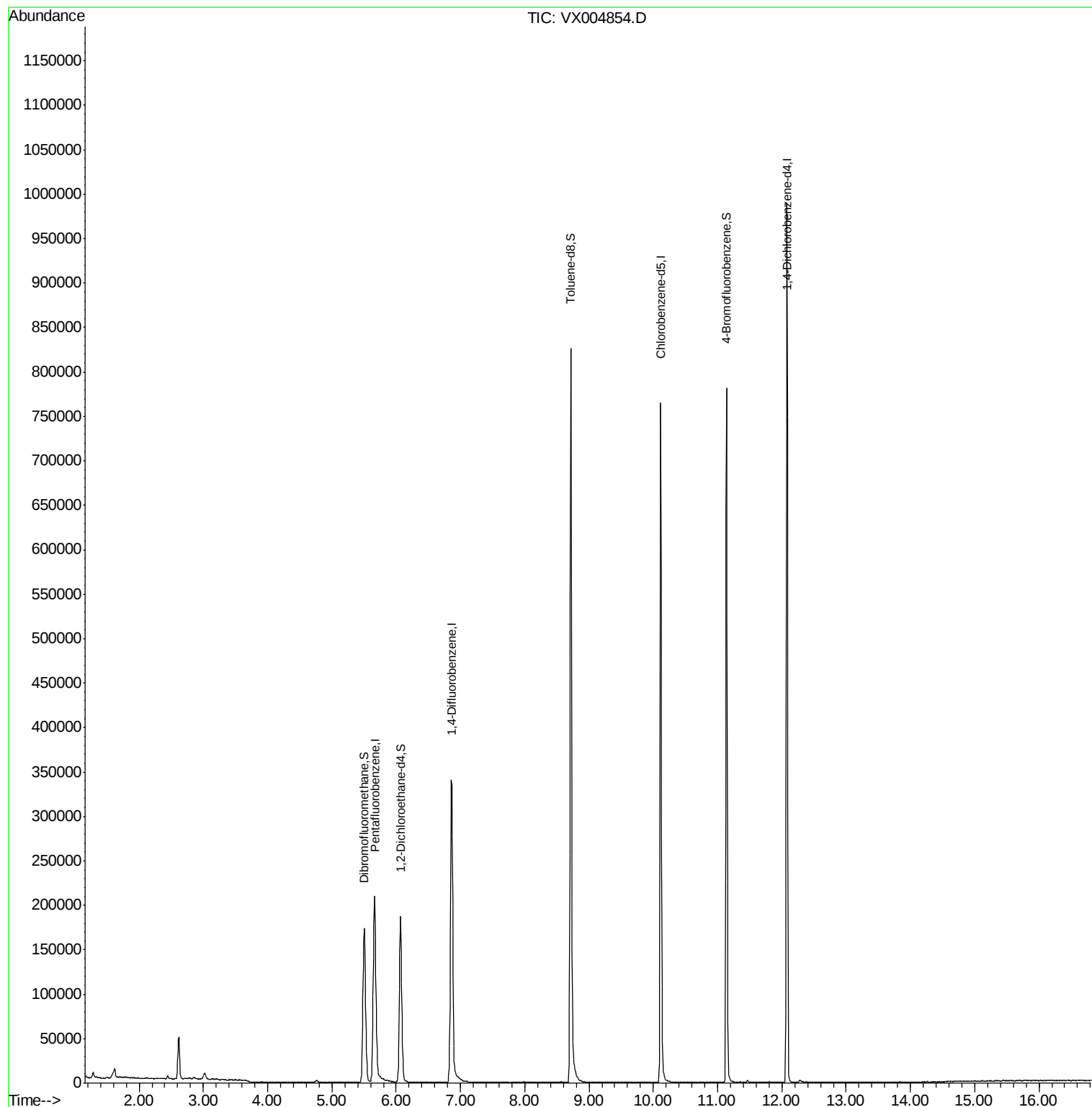
Target Compounds	Qvalue

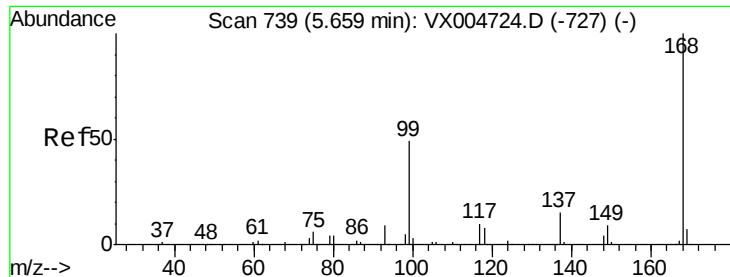
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004854.D

Acq: 29 Sep 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

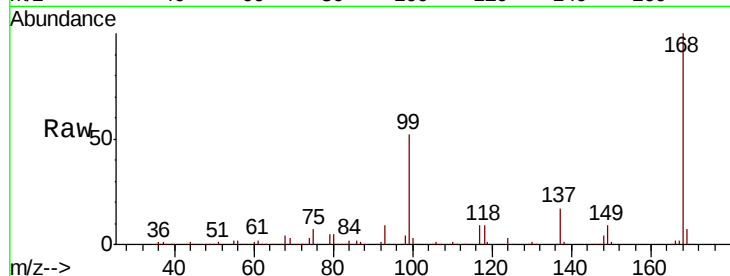
SA-TW505-0913

Tot Ion:168 Resp: 225854

Ion Ratio Lower Upper

168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

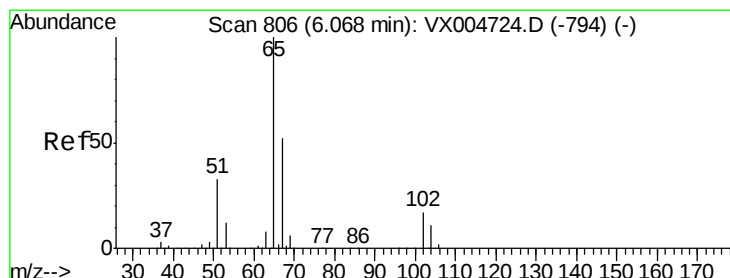
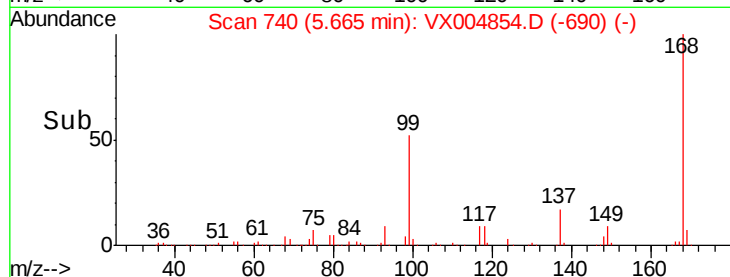
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 55.054 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004854.D

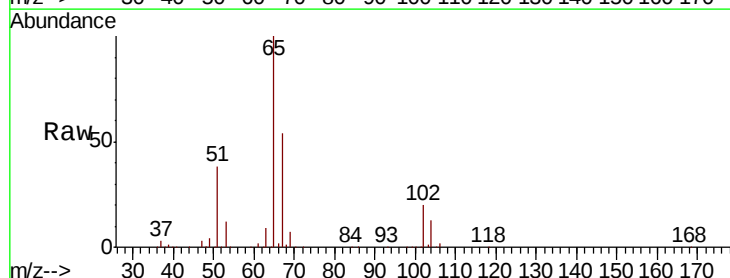
Acq: 29 Sep 2018 06:45

Tgt Ion: 65 Resp: 177621

Ion Ratio Lower Upper

65 100

67 53.5 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

80000

60000

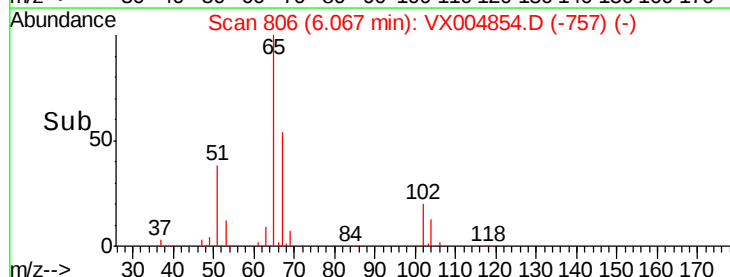
40000

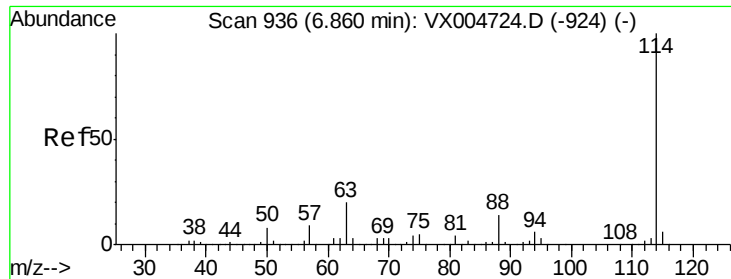
20000

0

Time-->

5.90 6.00 6.10 6.20

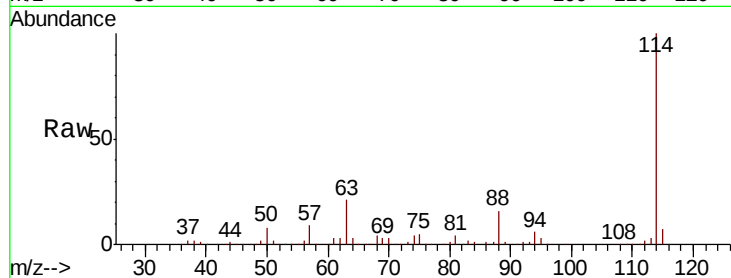




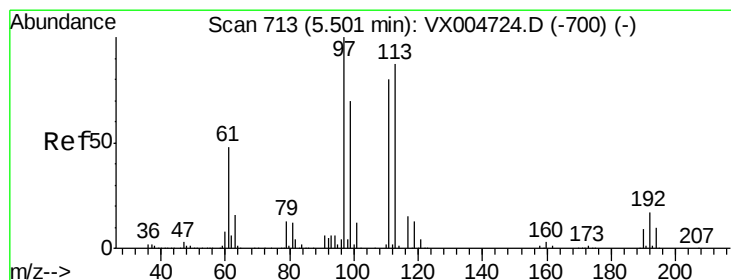
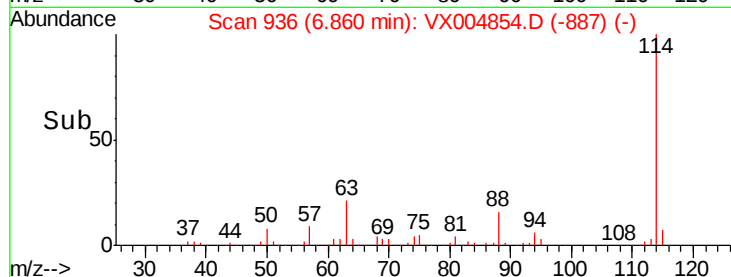
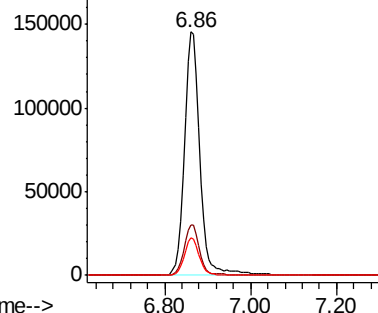
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004854.D
 Acq: 29 Sep 2018 06:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913

Tot Ion:114 Resp: 368990
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.5 0.0 30.4

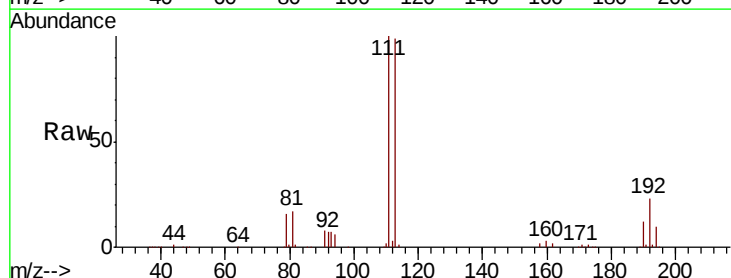


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

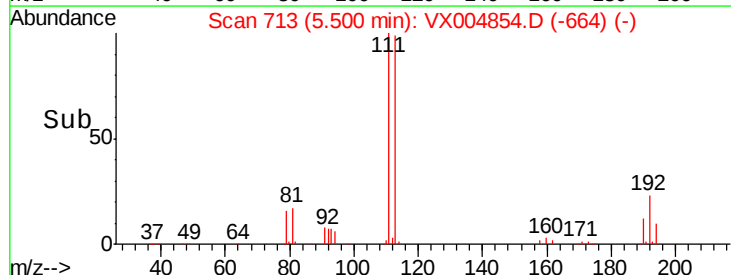
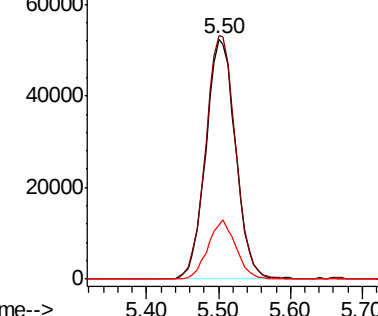


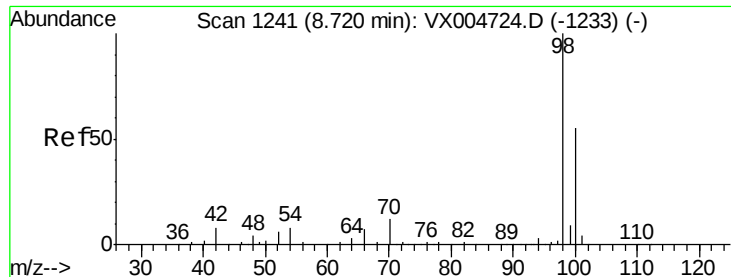
#35
 Dibromofluoromethane
 Concen: 47.940 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004854.D
 Acq: 29 Sep 2018 06:45

Tgt Ion:113 Resp: 149919
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 23.1 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: 52.302 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004854.D

Acq: 29 Sep 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

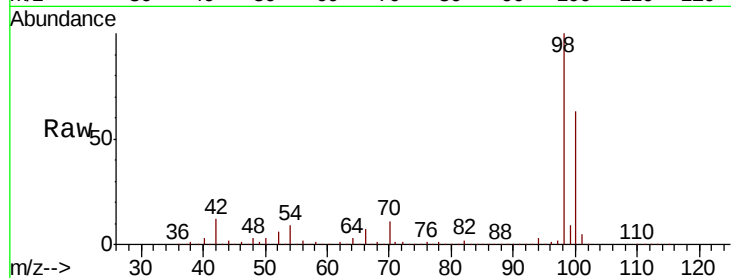
SA-TW505-0913

Tot Ion: 98 Resp: 543757

Ion Ratio Lower Upper

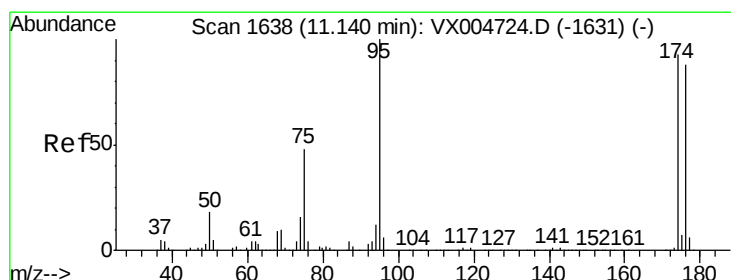
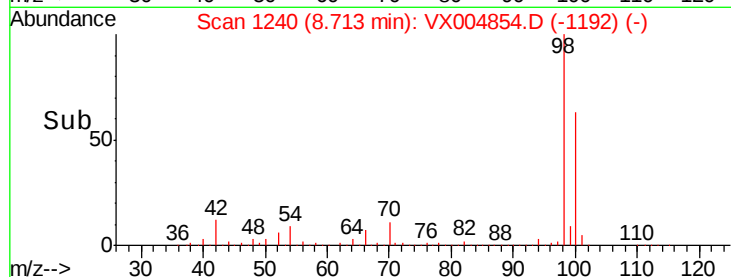
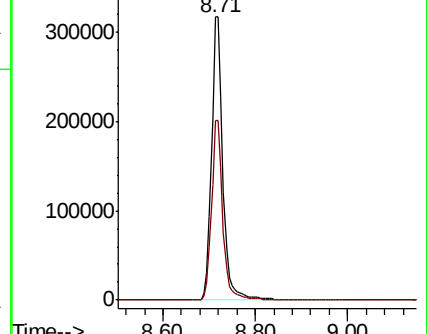
98 100

100 63.5 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: 51.596 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004854.D

Acq: 29 Sep 2018 06:45

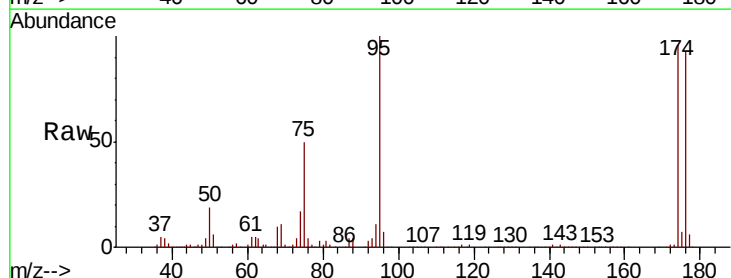
Tgt Ion: 95 Resp: 193248

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.2

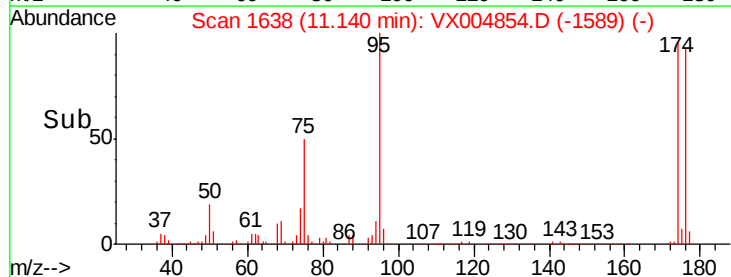
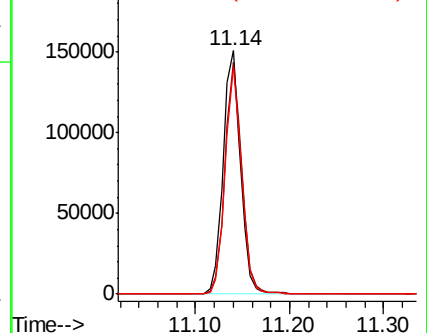
176 89.3 0.0 178.6

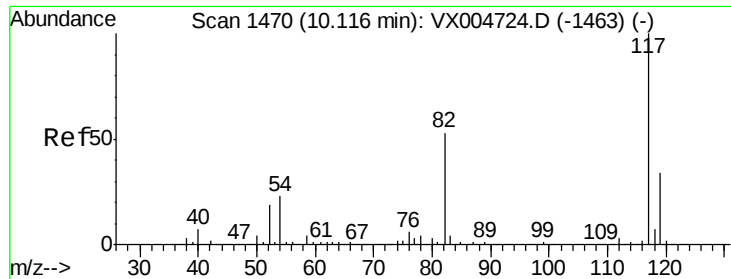


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

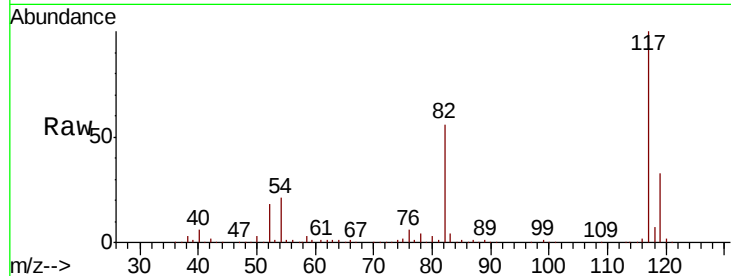




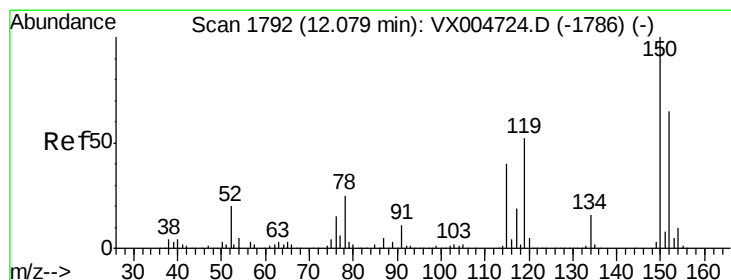
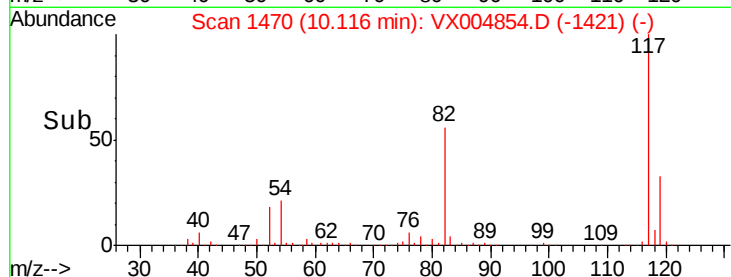
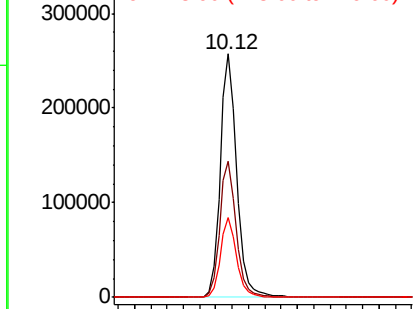
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004854.D
Acq: 29 Sep 2018 06:45

Instrument :
MSVOA_X
ClientSampled :
SA-TW505-0913

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.8	71.6
119	32.5	29.3	43.9

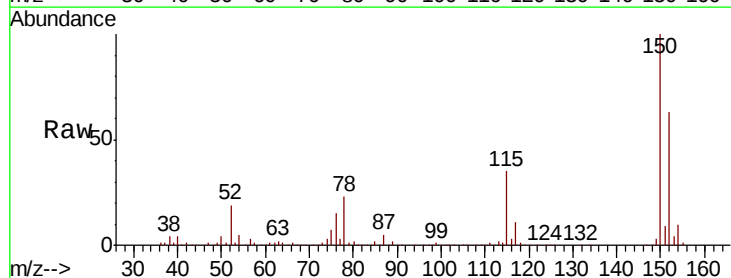


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004854.D
Acq: 29 Sep 2018 06:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.0	117.0
150	157.1	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

