

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004851.D
 Acq On : 29 Sep 2018 05:25
 Operator : JC/MD
 Sample : J5134-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW503-3438

Quant Time: Oct 01 12:52:43 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	228427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181506	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
35) Dibromofluoromethane	5.50	113	150619	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.71	98	547061	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.14	95	196493	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

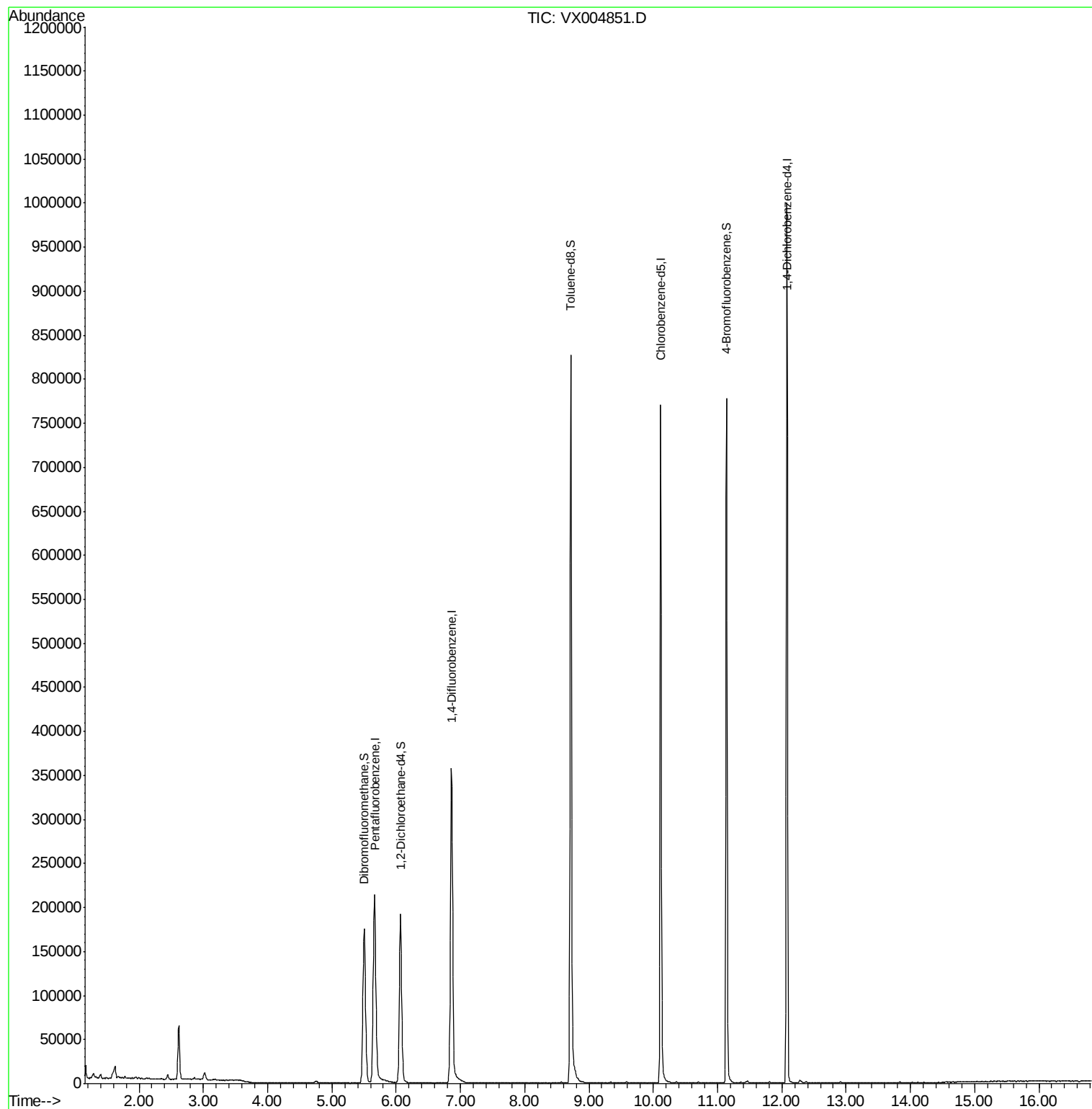
Target Compounds	Qvalue

(#) = 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: VX004851.D

Acq: 29 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

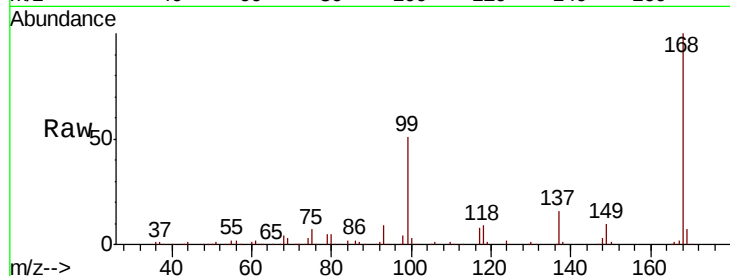
SA-TW503-3438

Tot Ion:168 Resp: 228427

Ion Ratio Lower Upper

168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

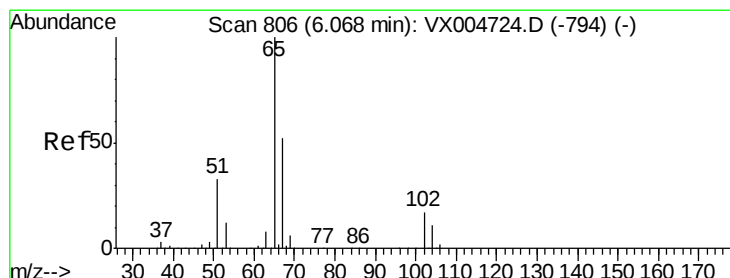
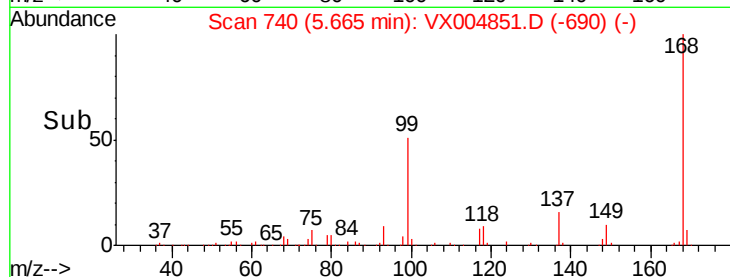
40000

20000

0

5.60 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.624 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004851.D

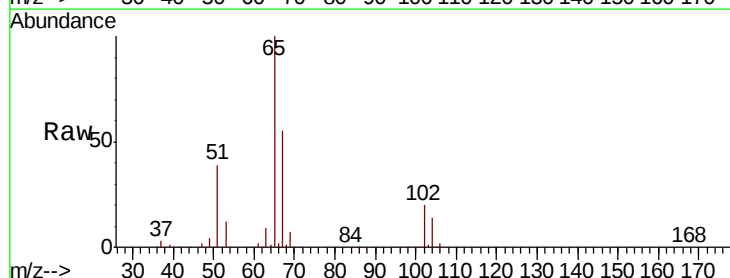
Acq: 29 Sep 2018 05:25

Tgt Ion: 65 Resp: 181506

Ion Ratio Lower Upper

65 100

67 53.3 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

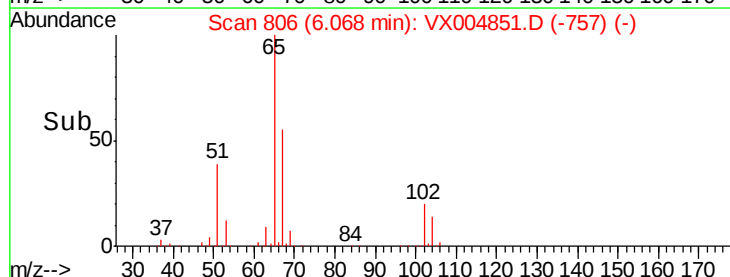
40000

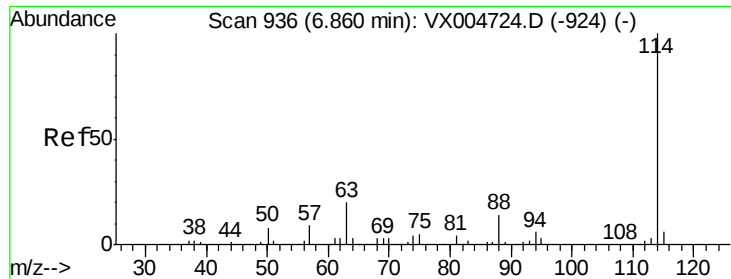
20000

0

5.90 6.00 6.10 6.20

Time-->

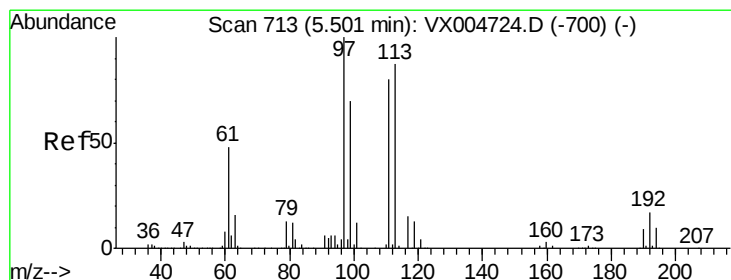
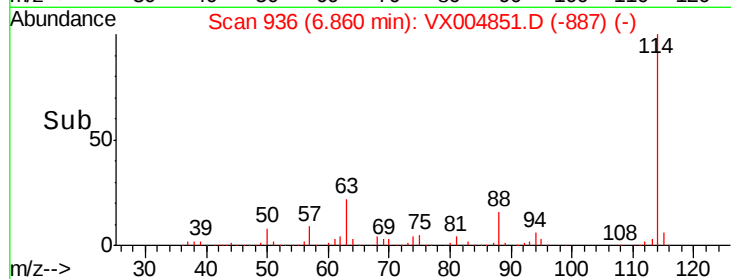
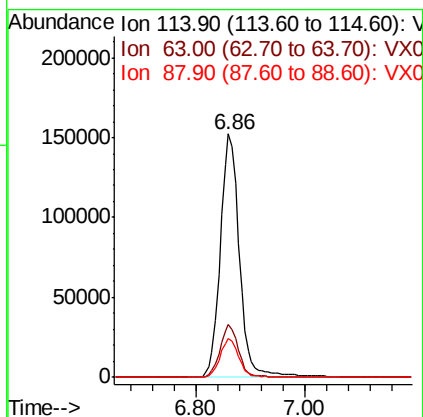
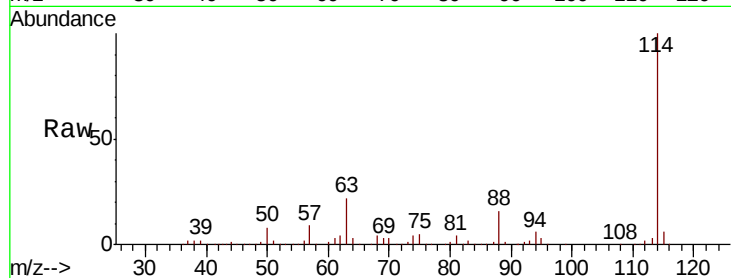




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004851.D
 Acq: 29 Sep 2018 05:25

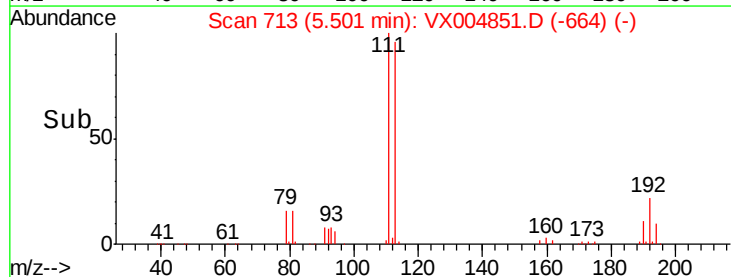
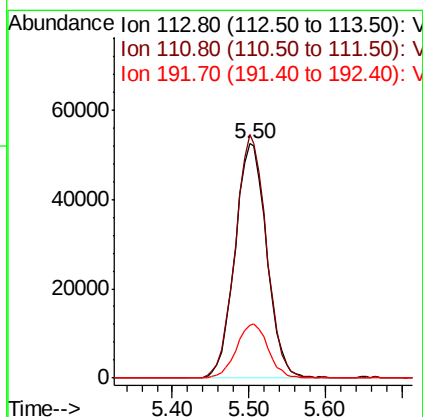
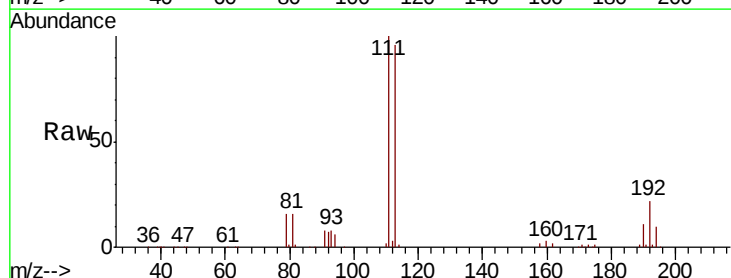
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW503-3438

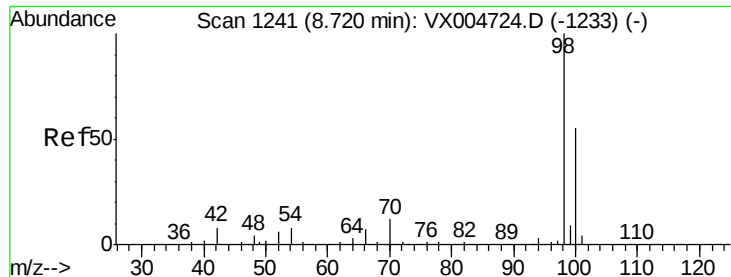
Tot Ion:114 Resp: 372294
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.0
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 47.736 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004851.D
 Acq: 29 Sep 2018 05:25

Tgt Ion:113 Resp: 150619
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 23.2 19.4 29.2





#50

Toluene-d8

Concen: 52.153 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004851.D

Acq: 29 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

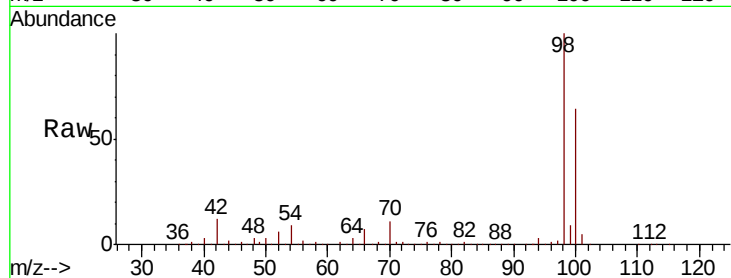
SA-TW503-3438

Tot Ion: 98 Resp: 547061

Ion Ratio Lower Upper

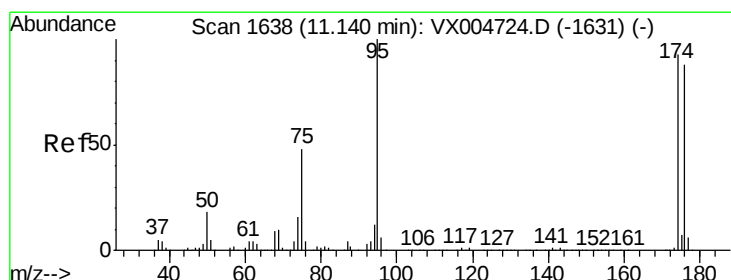
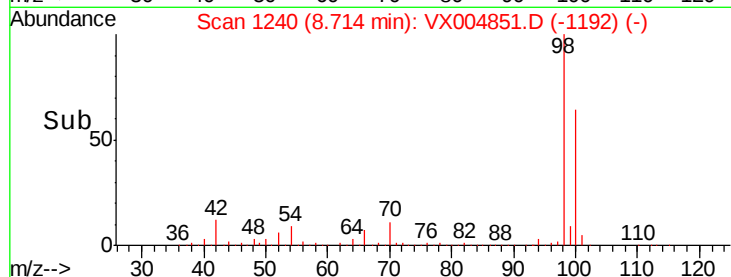
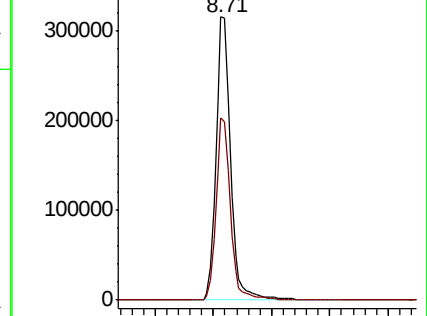
98 100

100 63.8 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: 51.997 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004851.D

Acq: 29 Sep 2018 05:25

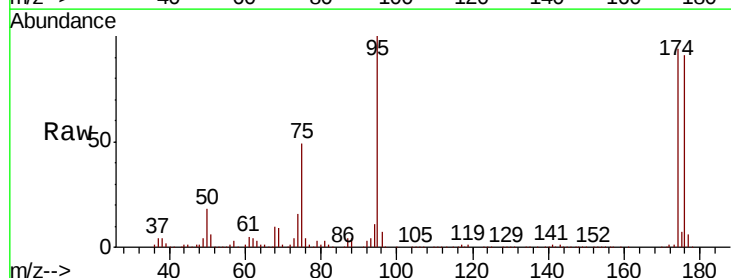
Tgt Ion: 95 Resp: 196493

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.2

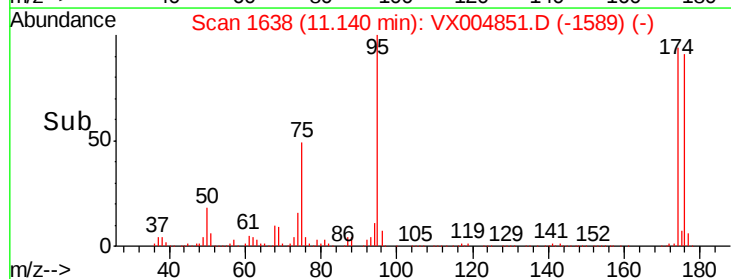
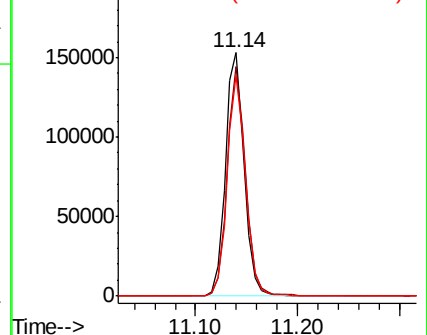
176 88.8 0.0 178.6

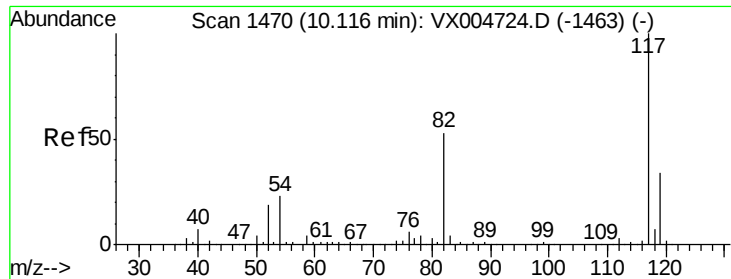


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

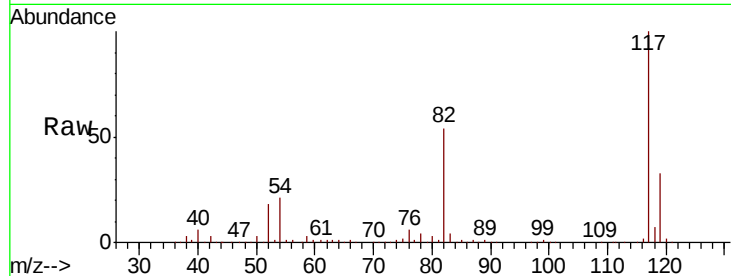




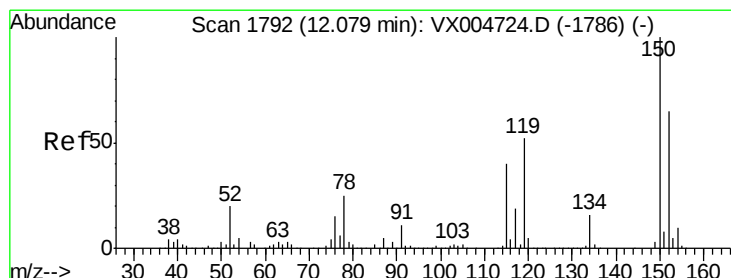
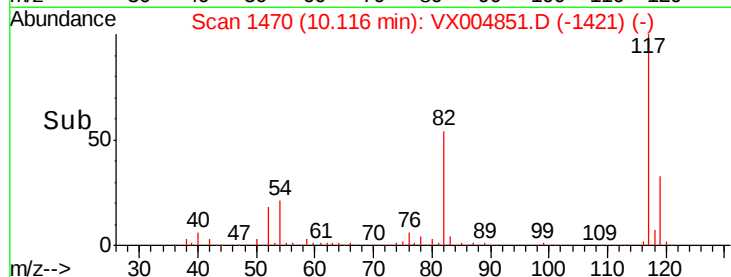
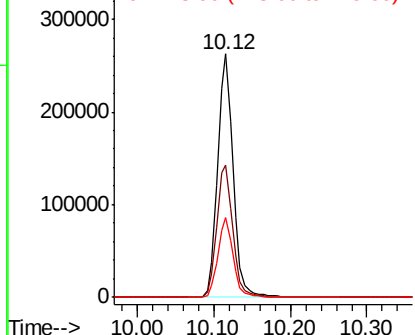
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004851.D
Acq: 29 Sep 2018 05:25

Instrument :
MSVOA_X
ClientSampled :
SA-TW503-3438

Tot Ion:117 Resp: 368631
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.6
119 32.6 29.3 43.9

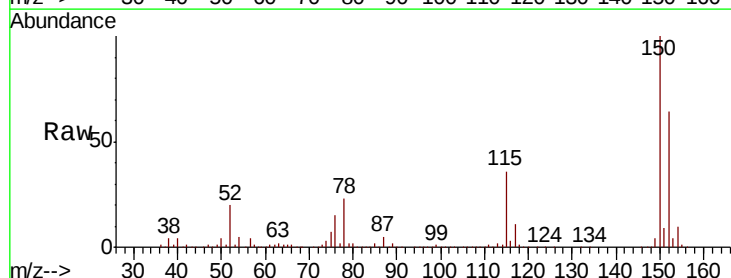


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004851.D
Acq: 29 Sep 2018 05:25

Tgt Ion:152 Resp: 205830
Ion Ratio Lower Upper
152 100
115 55.4 39.0 117.0
150 157.0 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

