

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005202.D
 Acq On : 10 Oct 2018 11:27
 Operator : JC/MD
 Sample : J5303-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW516-4044

Quant Time: Oct 10 16:40:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

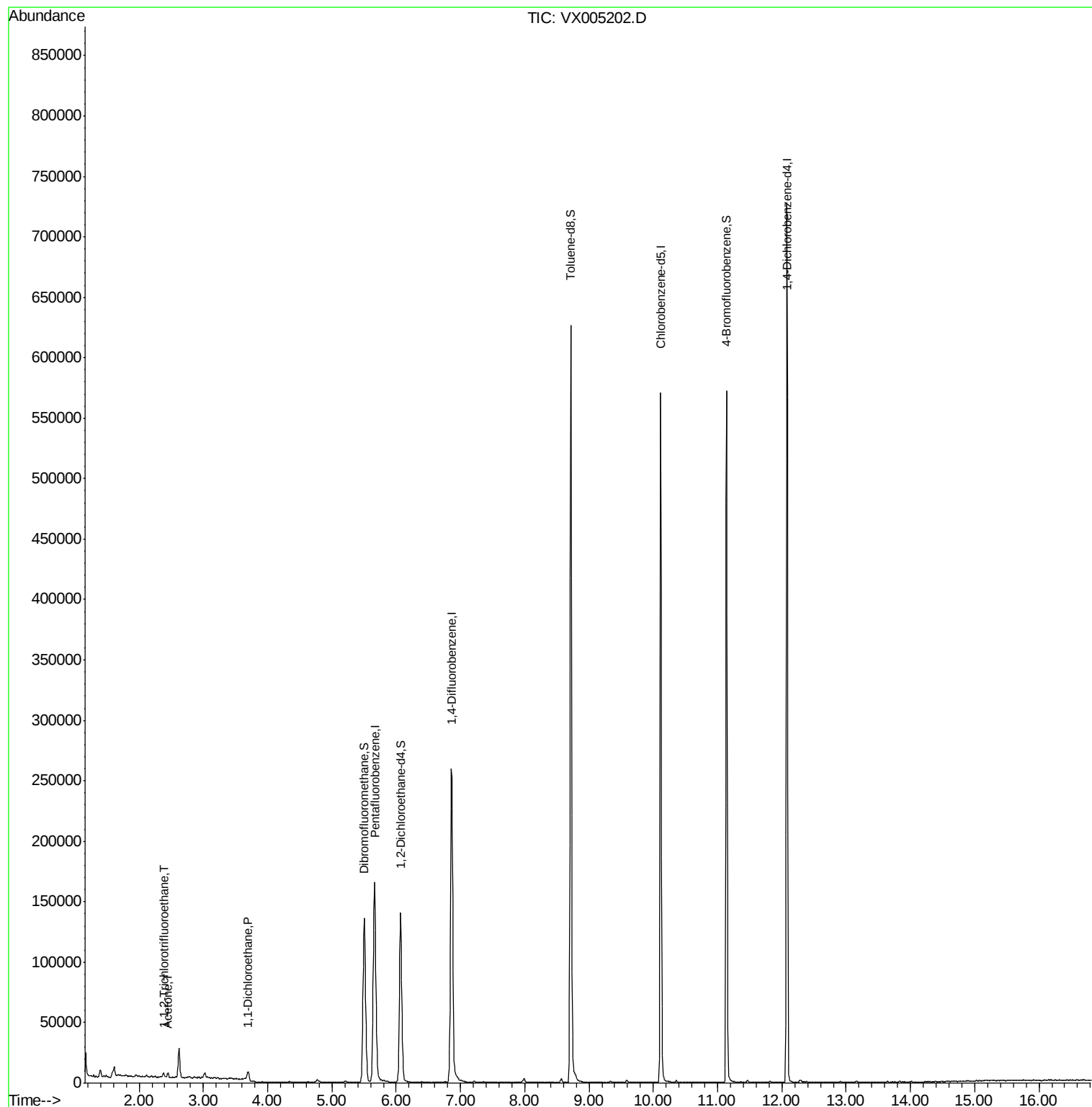
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135403	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
35) Dibromofluoromethane	5.50	113	114184	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.72	98	393875	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.14	95	141191	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	982	0.524	ug/l #	90
16) Acetone	2.45	43	3914	2.740	ug/l	98
24) 1,1-Dichloroethane	3.70	63	6337	1.558	ug/l	96

(#) = 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: VX005202.D

Acq: 10 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

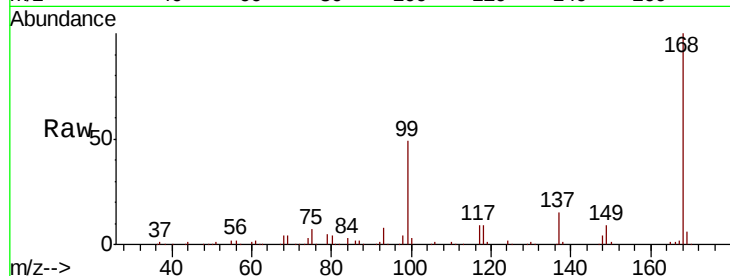
SA-TW516-4044

Tot Ion:168 Resp: 171279

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

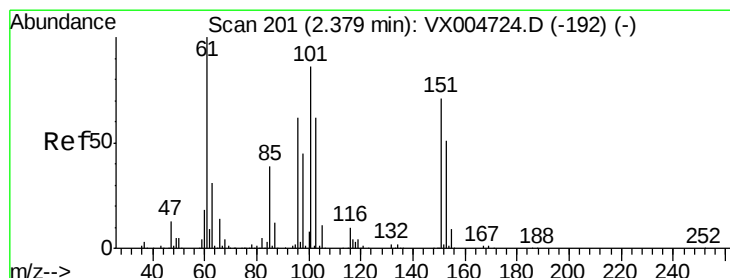
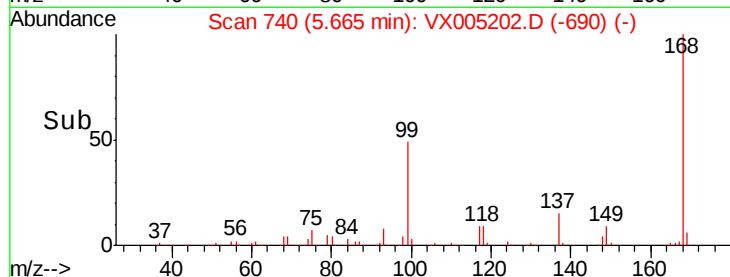
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.524 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

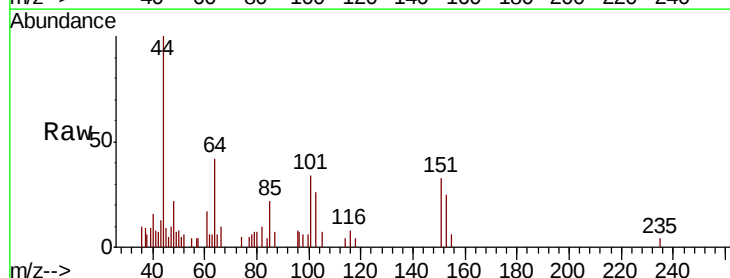
Tgt Ion:101 Resp: 982

Ion Ratio Lower Upper

101 100

85 54.7 35.9 53.9#

151 89.8 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

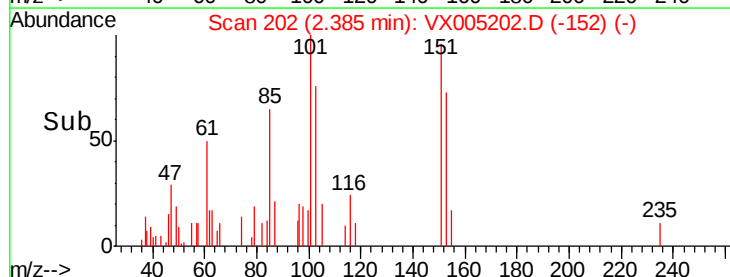
600

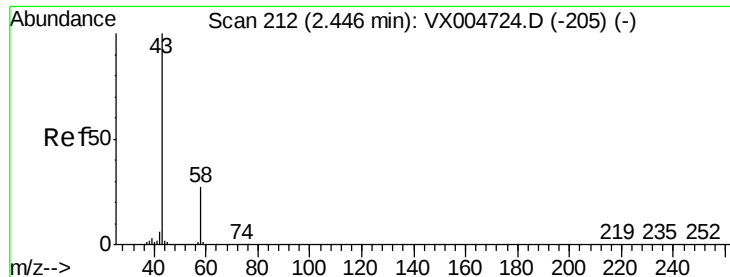
400

200

0

Time--> 2.35 2.40 2.45





#16

Acetone

Concen: 2.740 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

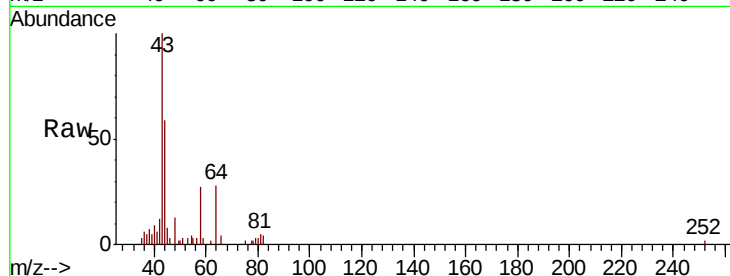
SA-TW516-4044

Tot Ion: 43 Resp: 3914

Ion Ratio Lower Upper

43 100

58 28.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

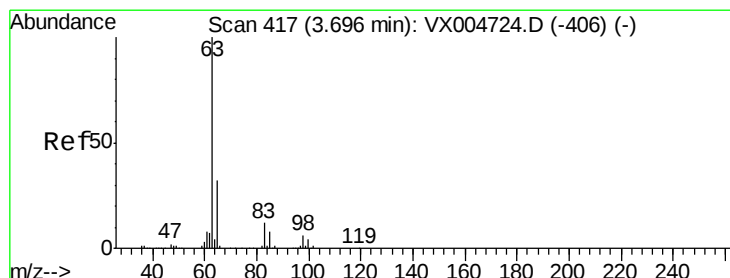
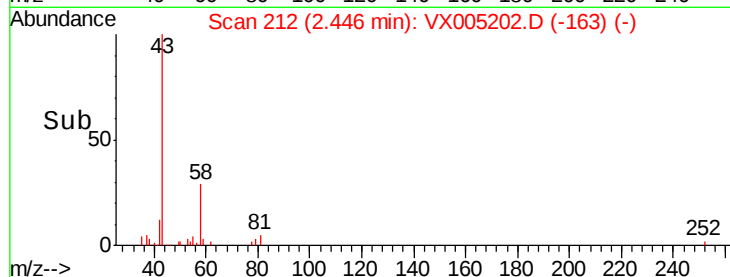
1000

500

0

Time-->

2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 1.558 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

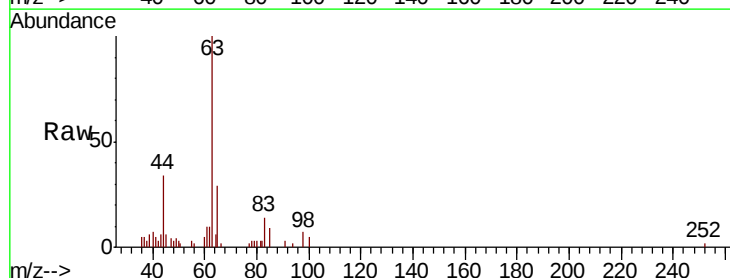
Tgt Ion: 63 Resp: 6337

Ion Ratio Lower Upper

63 100

98 7.4 3.0 9.2

100 5.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

3000

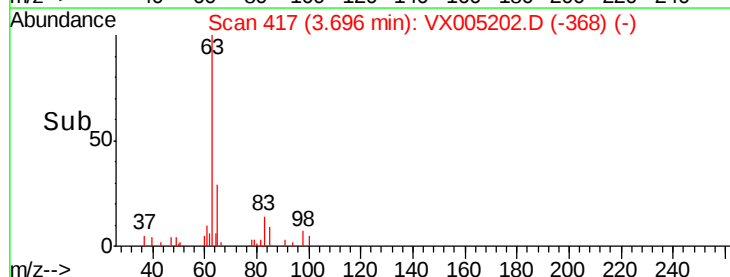
2000

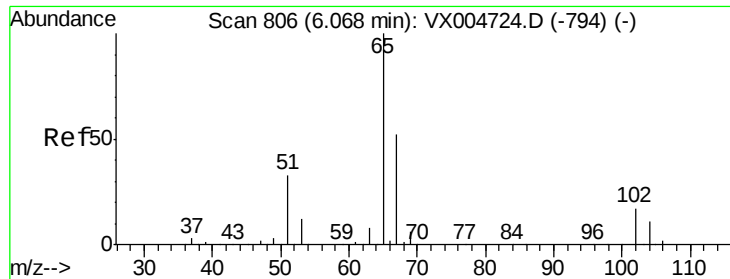
1000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#33

1,2-Dichloroethane-d4

Concen: 55.340 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

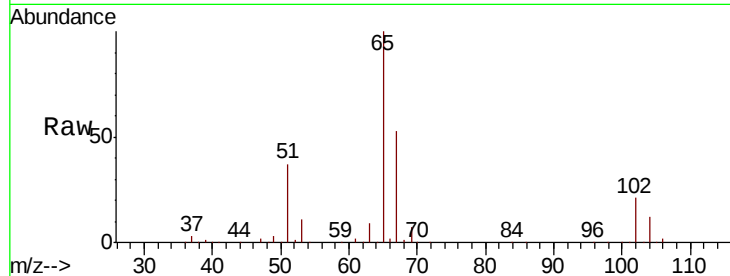
SA-TW516-4044

Tot Ion: 65 Resp: 135403

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

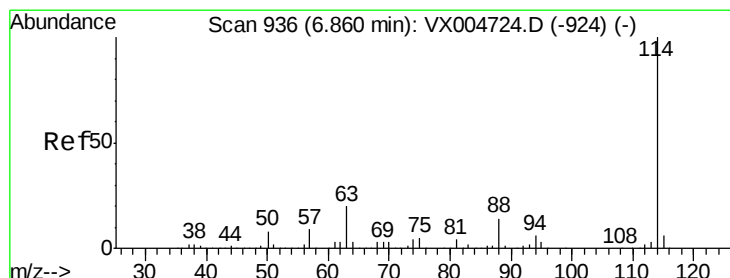
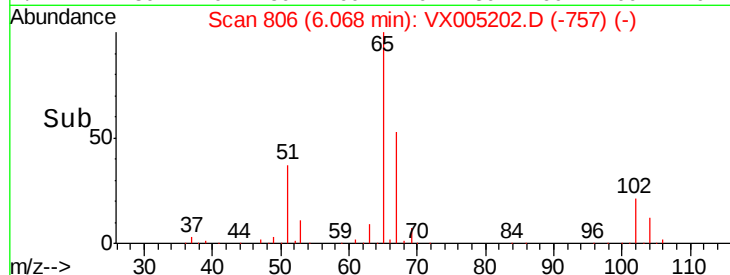
20000

10000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

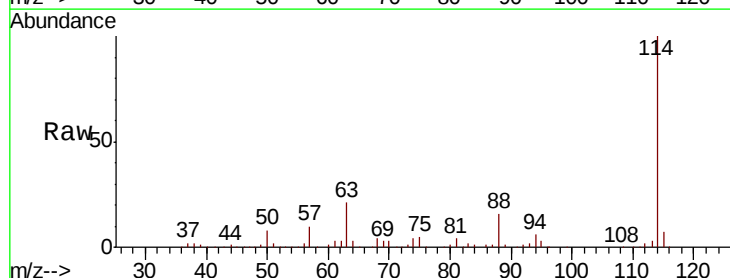
Tgt Ion: 114 Resp: 270698

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

88 15.7 0.0 27.0



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

6.86

150000

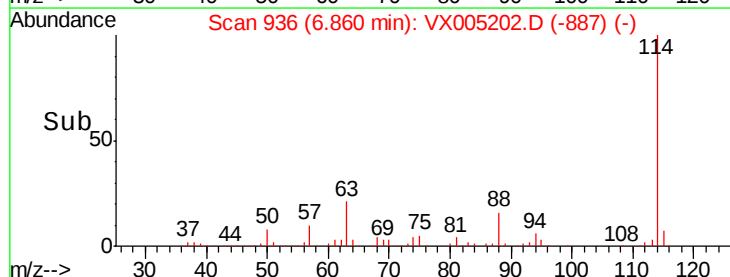
100000

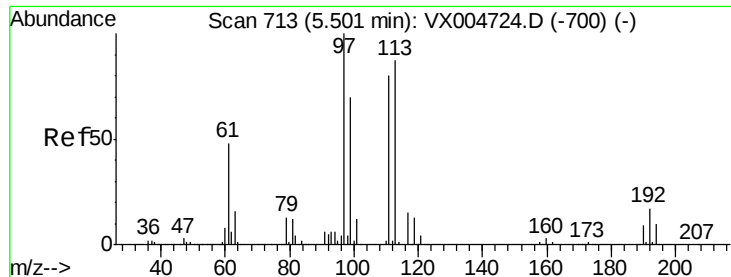
50000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 49.771 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005202.D

Acq: 10 Oct 2018 11:27

Instrument :

MSVOA_X

ClientSampleId :

SA-TW516-4044

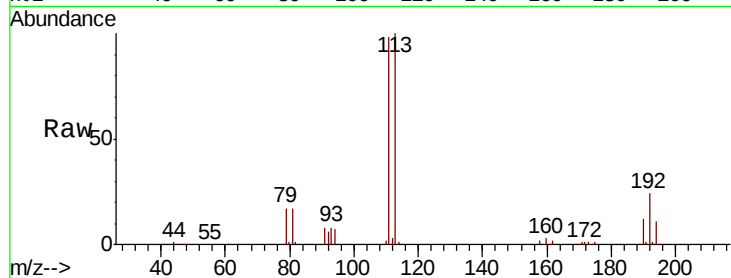
Tot Ion:113 Resp: 114184

Ion Ratio Lower Upper

113 100

111 100.7 77.0 115.4

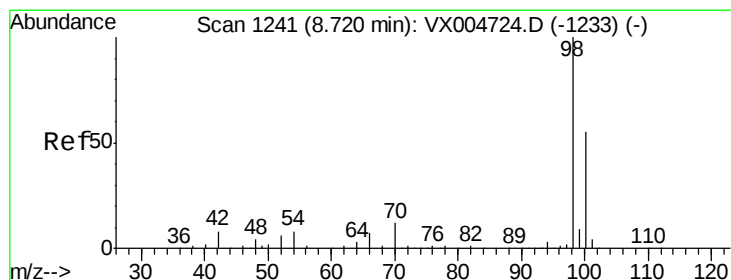
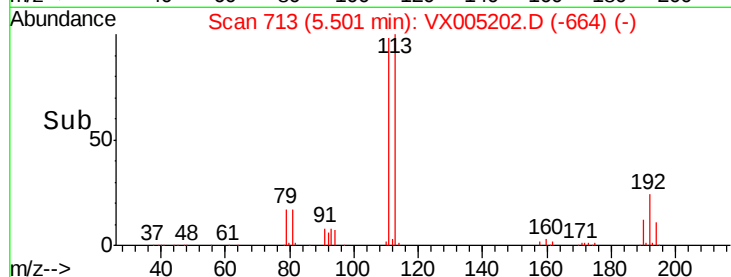
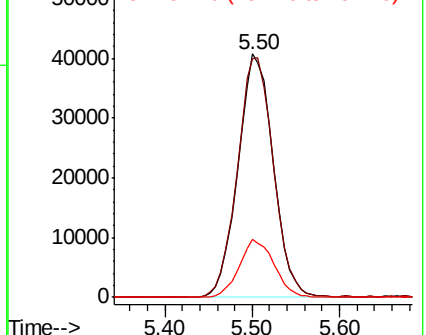
192 23.5 17.0 25.6



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: 51.642 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005202.D

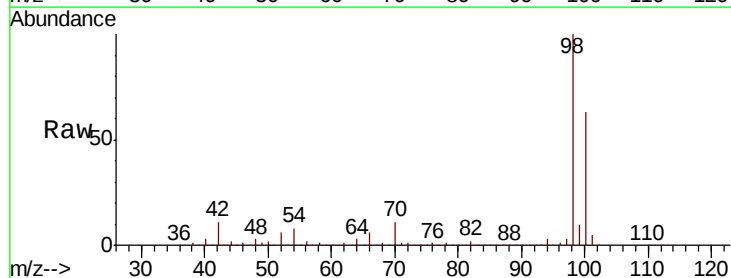
Acq: 10 Oct 2018 11:27

Tgt Ion: 98 Resp: 393875

Ion Ratio Lower Upper

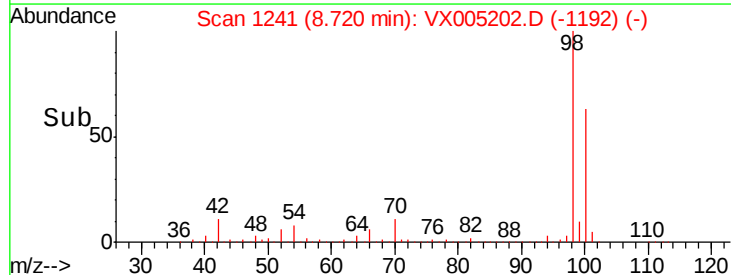
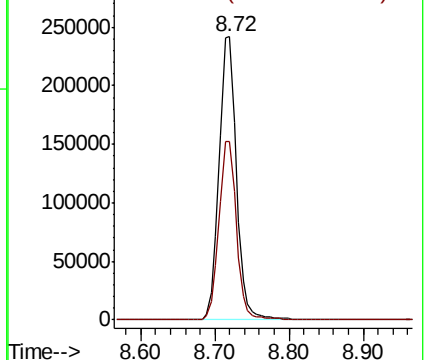
98 100

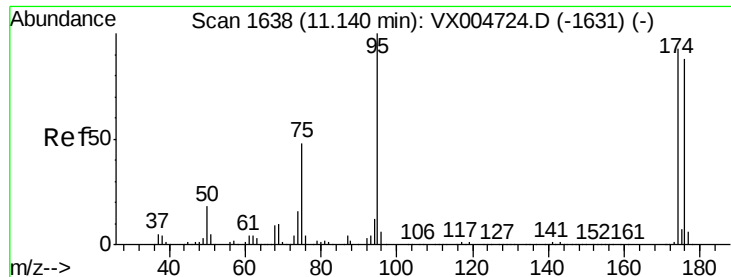
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

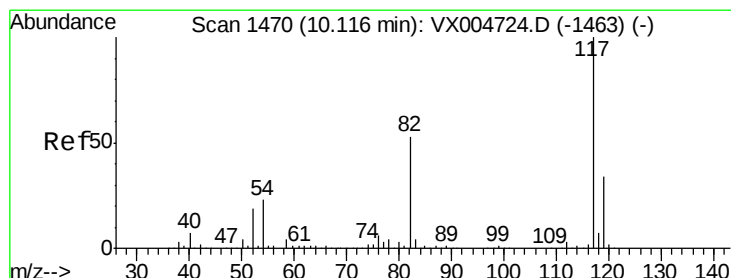
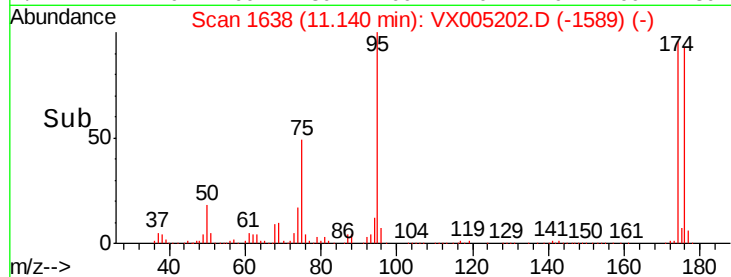
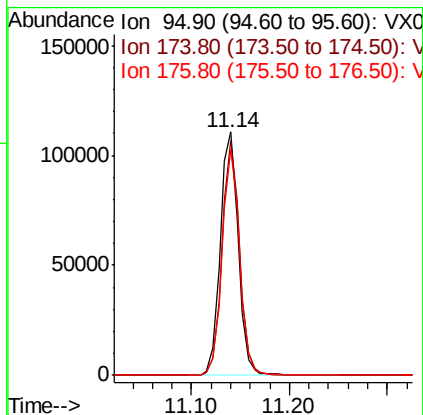
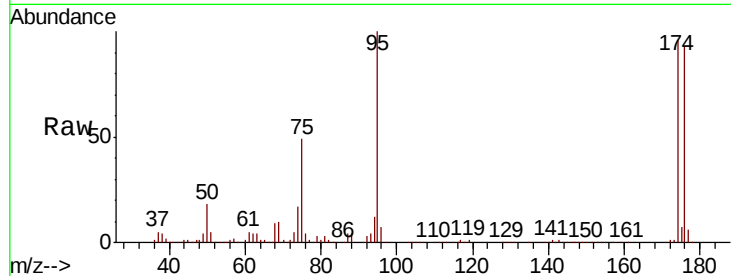




#62
4-Bromofluorobenzene
Concen: 51.385 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005202.D
Acq: 10 Oct 2018 11:27

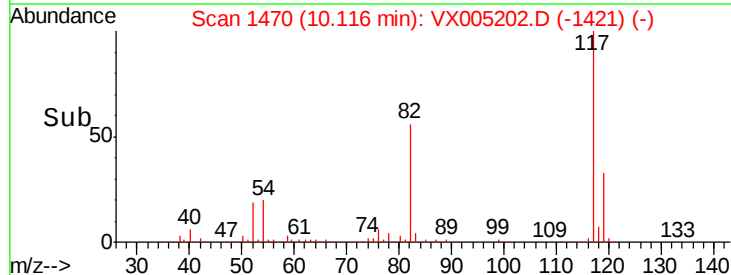
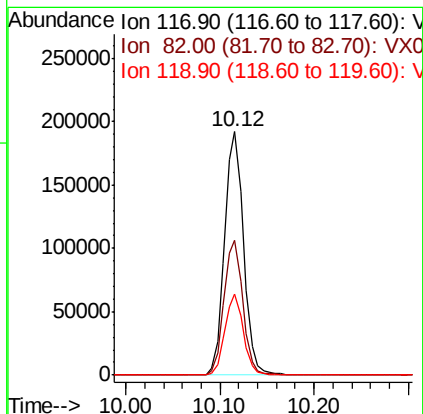
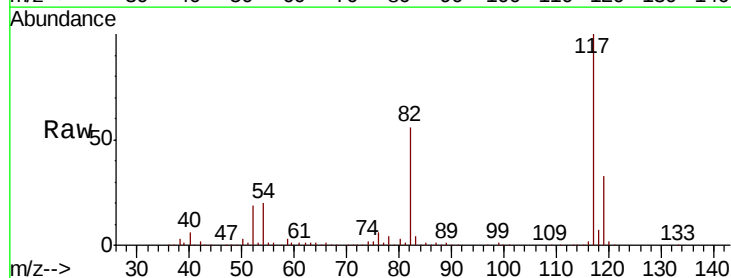
Instrument :
MSVOA_X
ClientSampleId :
SA-TW516-4044

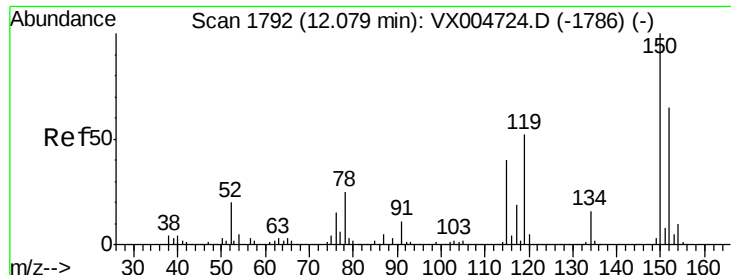
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	185.0
176	90.4	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005202.D
Acq: 10 Oct 2018 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.2	63.4
119	33.1	27.4	41.0

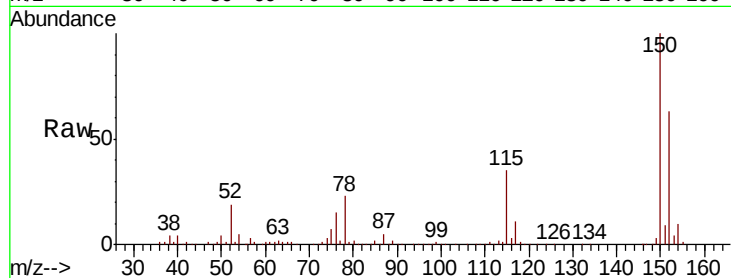




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005202.D
 Acq: 10 Oct 2018 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW516-4044

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.2	120.6
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

