

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004888.D
 Acq On : 01 Oct 2018 23:57
 Operator : JC/MD
 Sample : J5135-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-4246

Quant Time: Oct 02 05:26:36 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

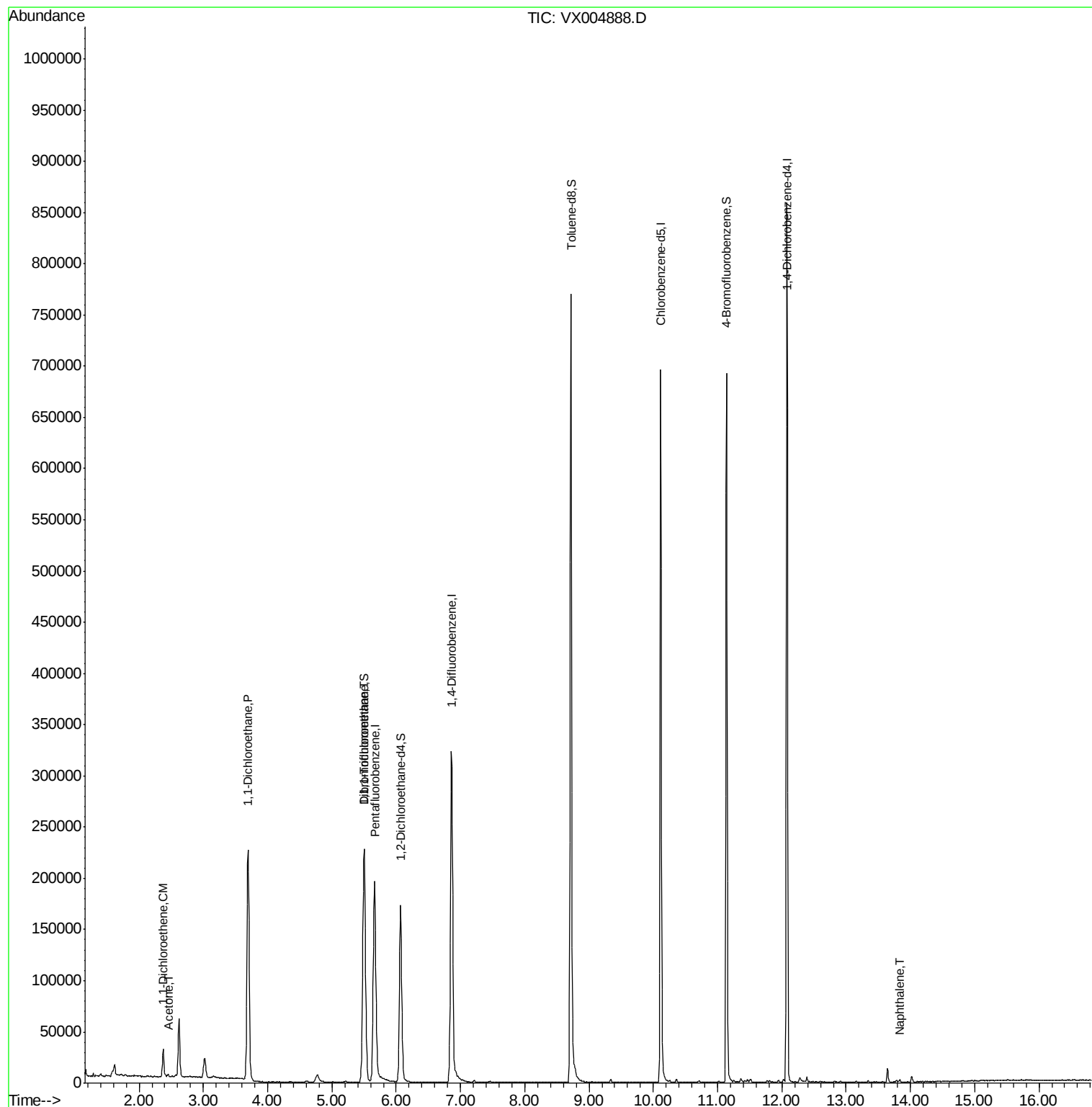
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162677	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
35) Dibromofluoromethane	5.50	113	138865	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.72	98	497343	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	173188	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	8128	3.705	ug/l	90
16) Acetone	2.45	43	2961	1.753	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265212	55.154	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	68536	18.466	ug/l	98
95) Naphthalene	13.83	128	1273	0.804	ug/l	97

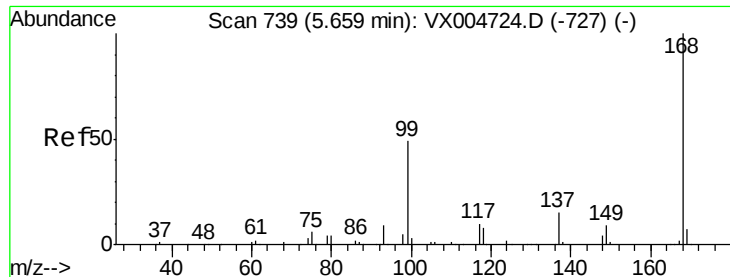
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

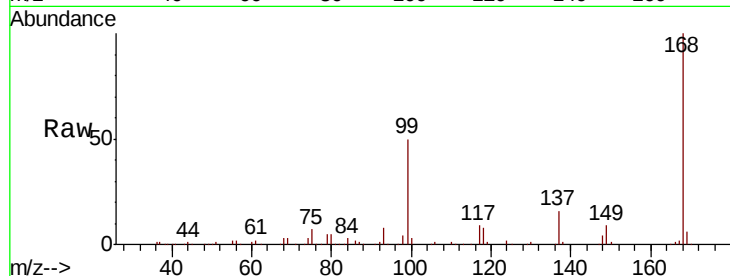
SA-TW508-4246

Tot Ion:168 Resp: 202488

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

5.67

80000

60000

40000

20000

0

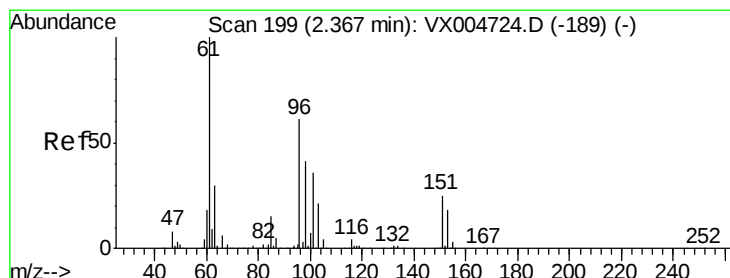
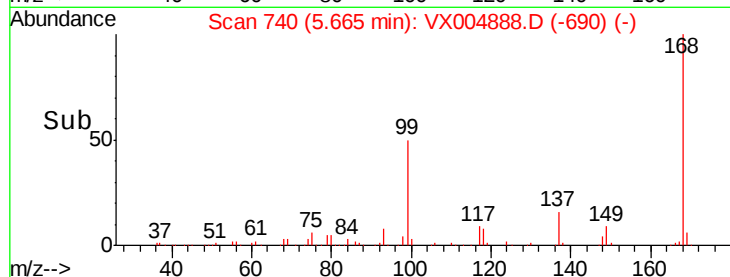
Time-->

5.50

5.60

5.70

5.80



#12

1,1-Dichloroethene

Concen: 3.705 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

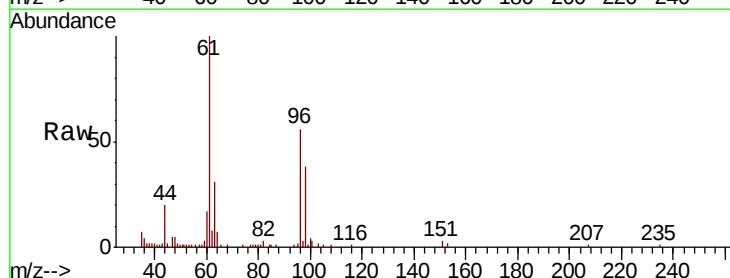
Tgt Ion: 96 Resp: 8128

Ion Ratio Lower Upper

96 100

61 177.0 128.8 193.2

98 68.1 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

12000

10000

8000

6000

4000

2000

0

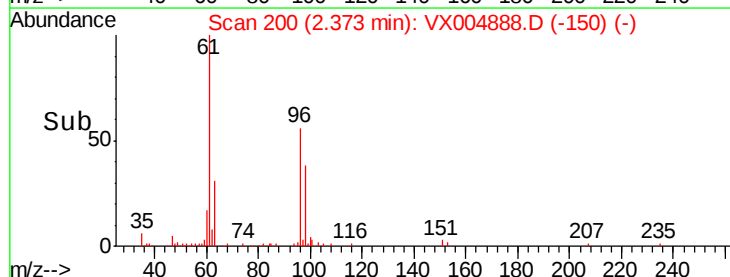
Time-->

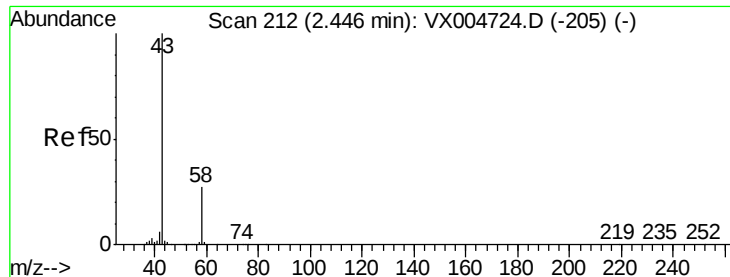
2.30

2.35

2.40

2.45





#16

Acetone

Concen: 1.753 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

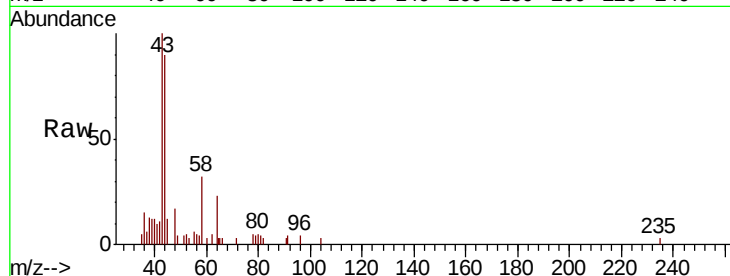
SA-TW508-4246

Tot Ion: 43 Resp: 2961

Ion Ratio Lower Upper

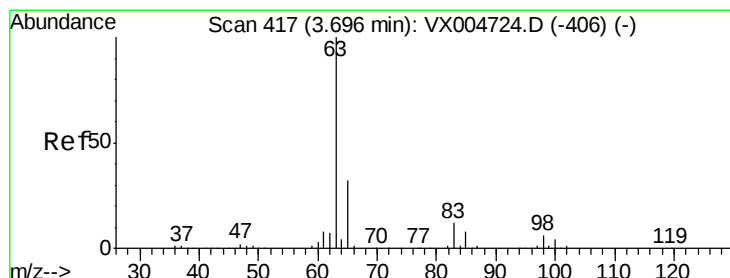
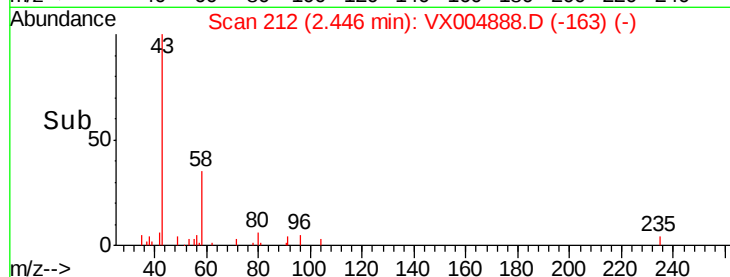
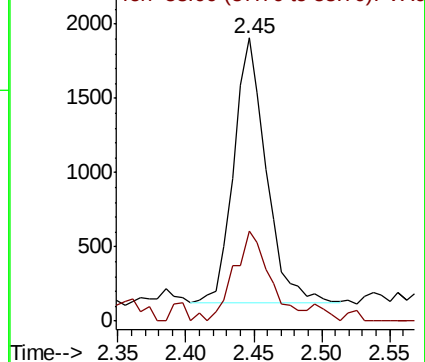
43 100

58 34.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 55.154 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

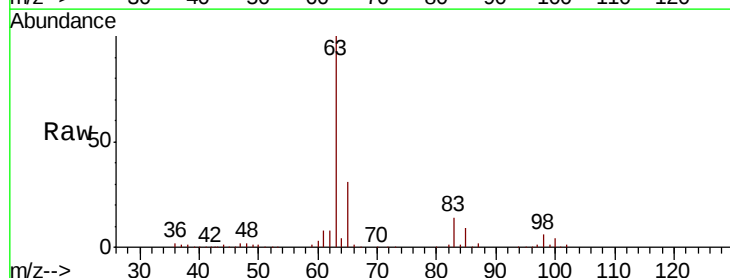
Tgt Ion: 63 Resp: 265212

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

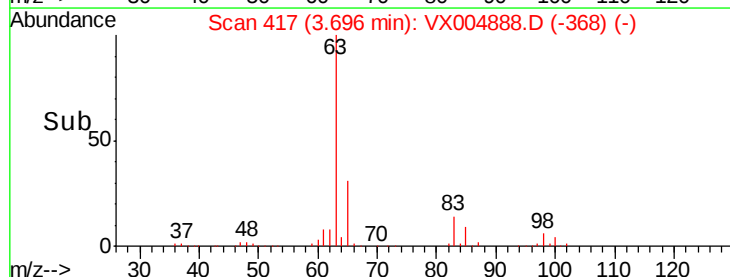
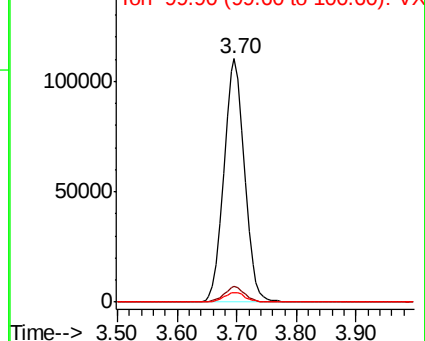
100 4.1 2.4 7.1

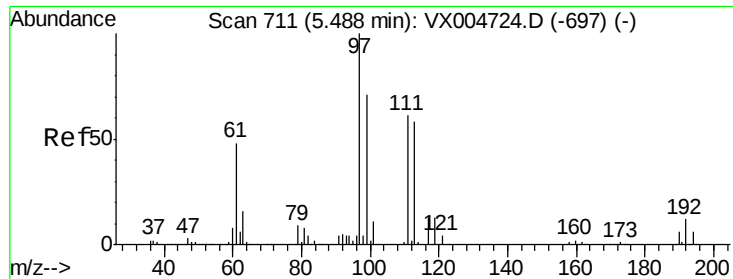


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#32

1,1,1-Trichloroethane

Concen: 18.466 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

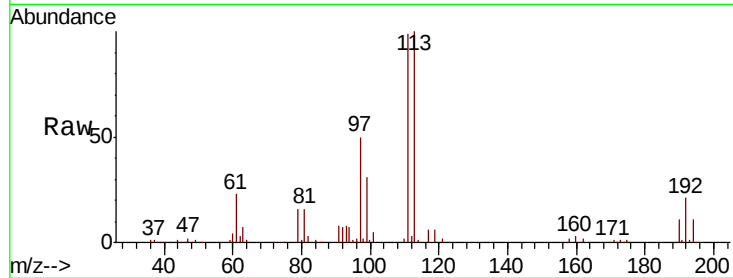
Tot Ion: 97 Resp: 68536

Ion Ratio Lower Upper

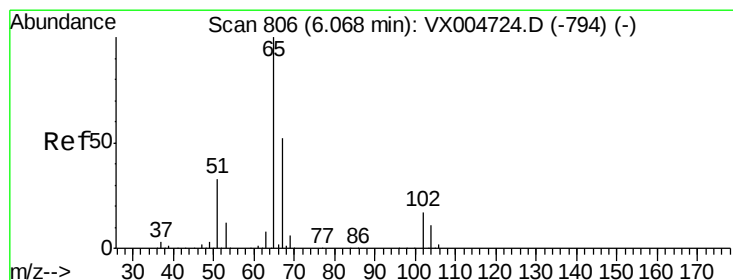
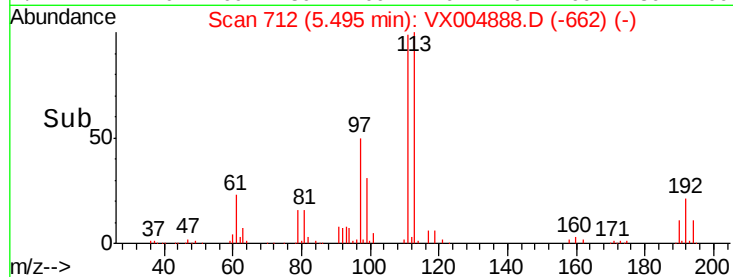
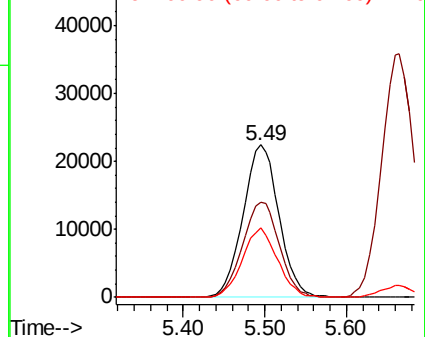
97 100

99 63.8 52.0 78.0

61 44.7 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.240 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004888.D

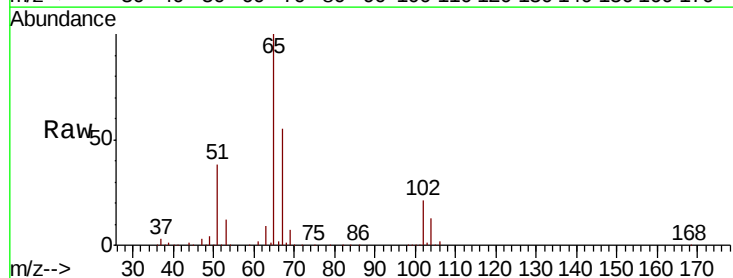
Acq: 01 Oct 2018 23:57

Tgt Ion: 65 Resp: 162677

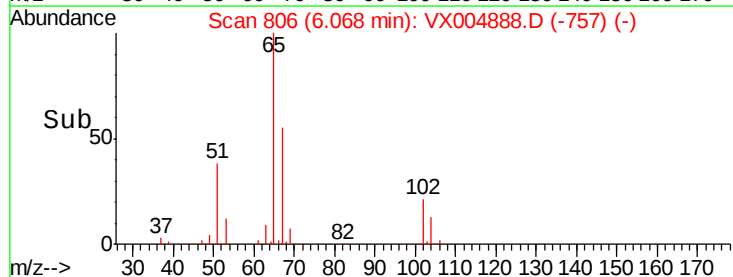
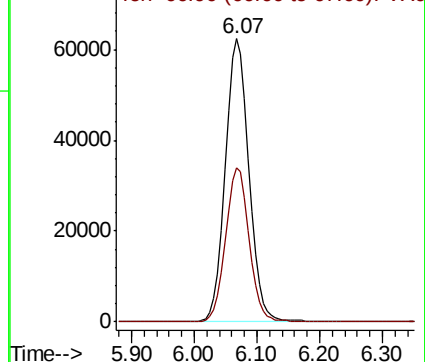
Ion Ratio Lower Upper

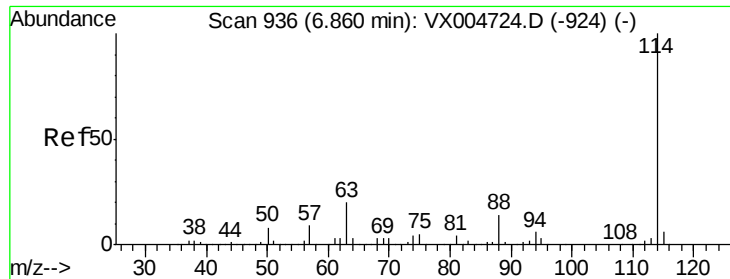
65 100

67 54.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

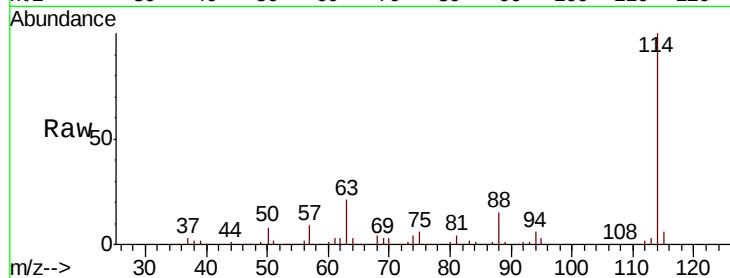




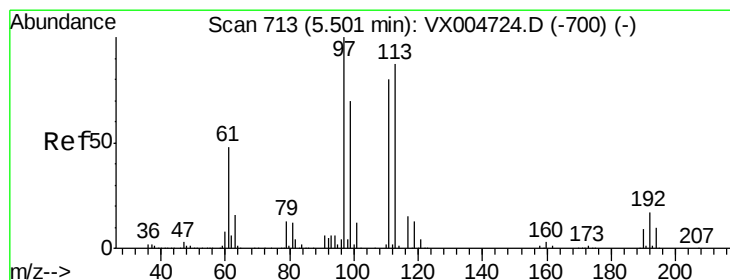
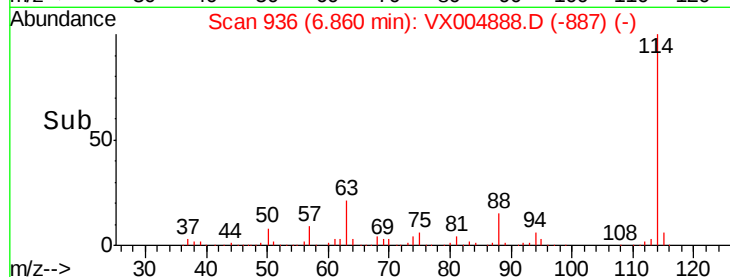
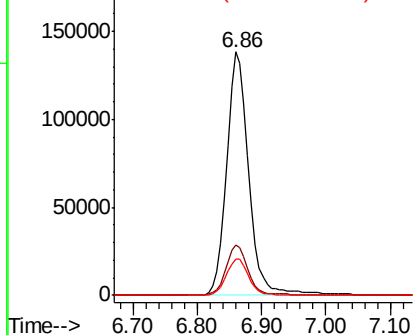
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-4246

Tot Ion:114 Resp: 336000
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.1 0.0 30.4

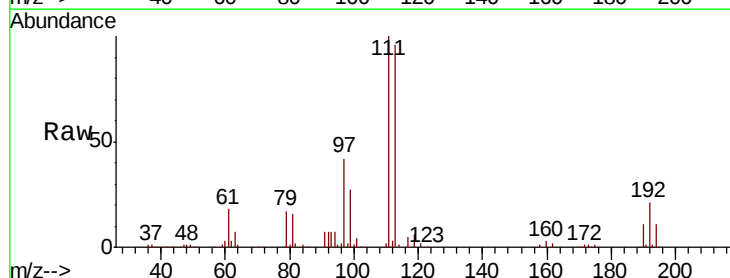


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

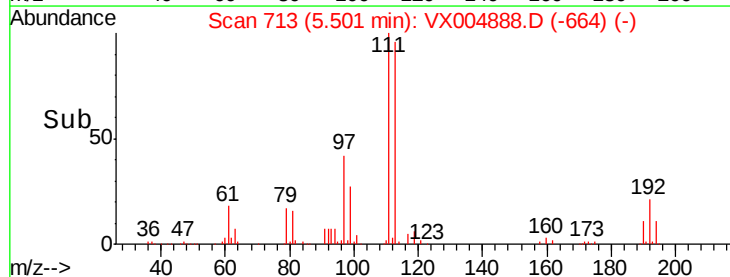
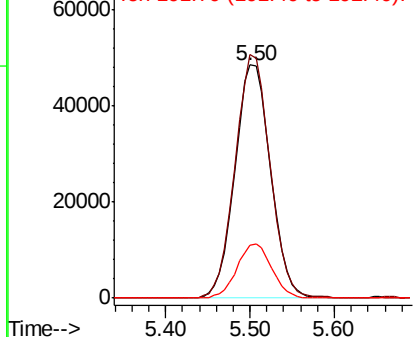


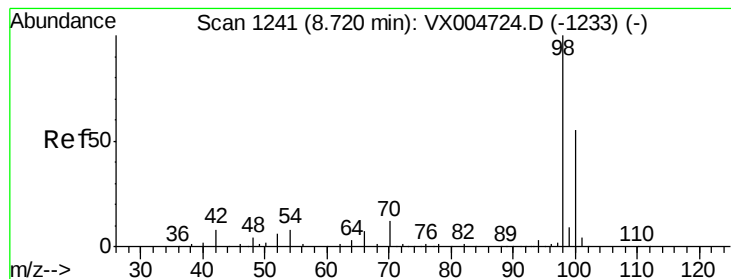
#35
 Dibromofluoromethane
 Concen: 48.765 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004888.D
 Acq: 01 Oct 2018 23:57

Tgt Ion:113 Resp: 138865
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 22.7 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: 52.535 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

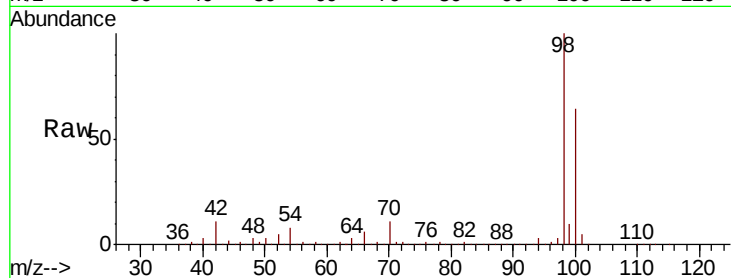
SA-TW508-4246

Tot Ion: 98 Resp: 497343

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

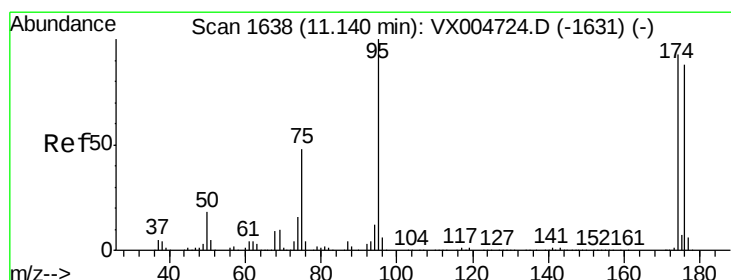
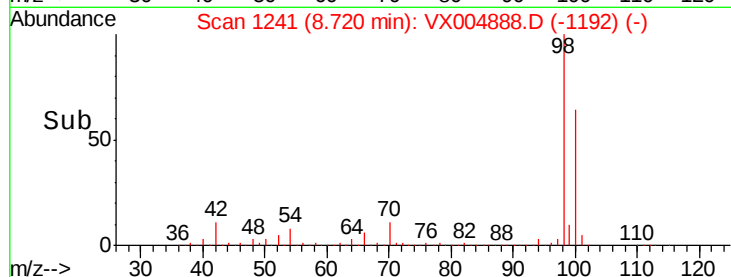
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.780 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

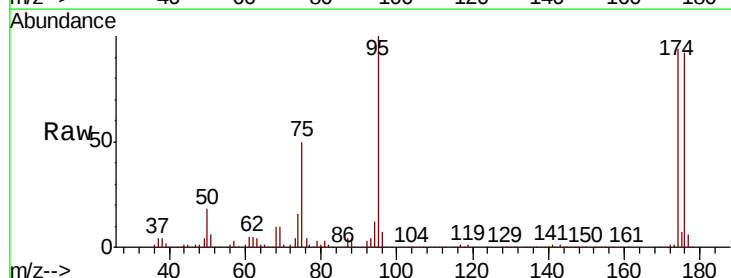
Tgt Ion: 95 Resp: 173188

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

176 89.0 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

11.14

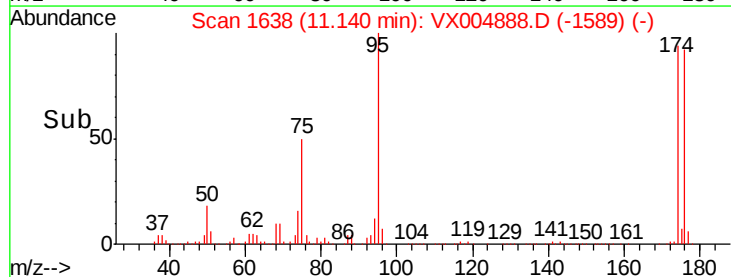
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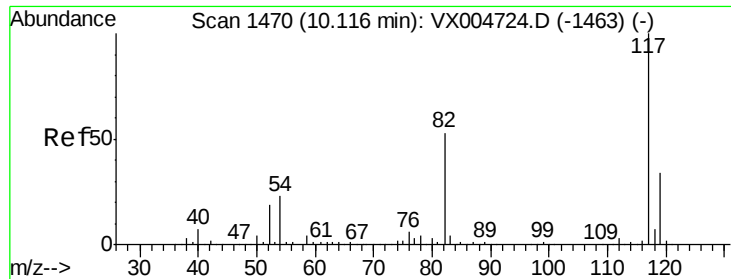
100000

50000

0

Time-->

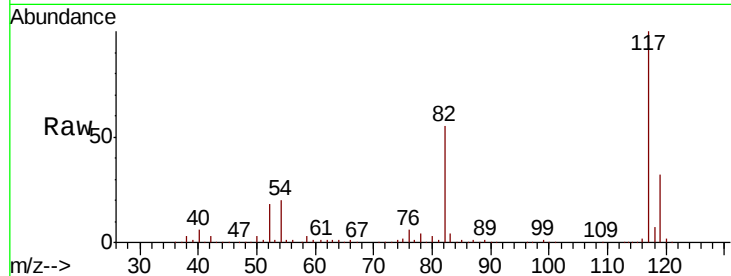




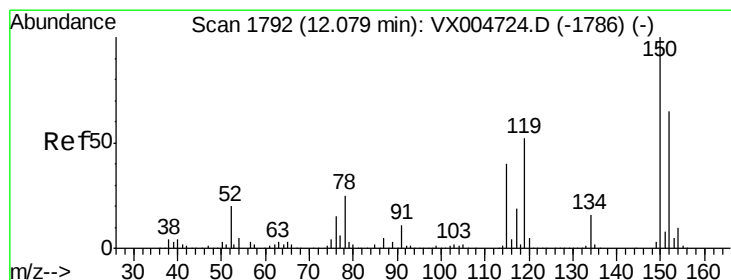
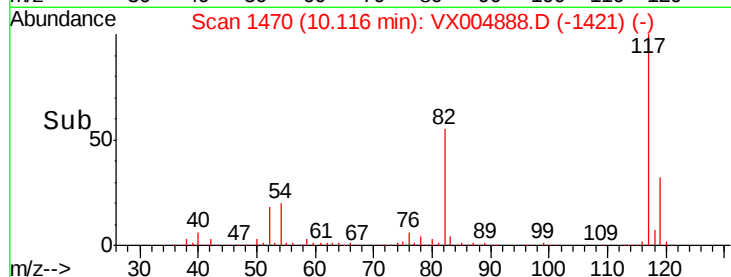
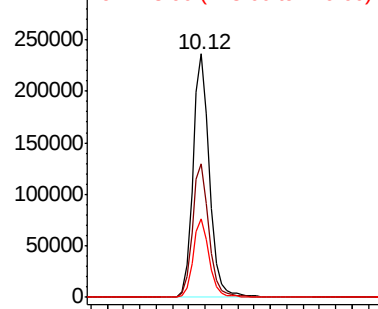
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-4246

Tot Ion:117 Resp: 333378
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 32.4 29.3 43.9

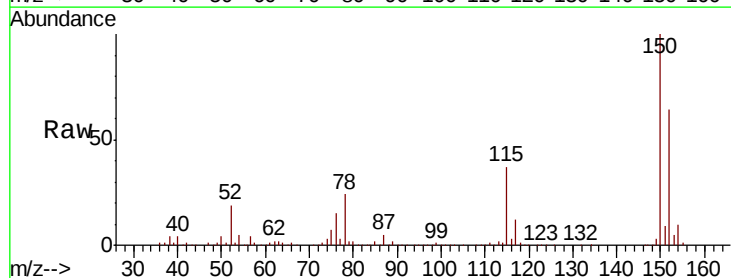


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

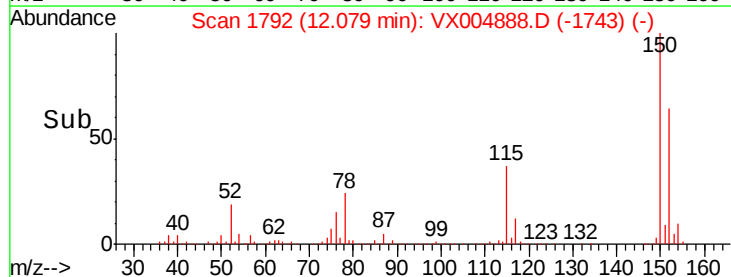
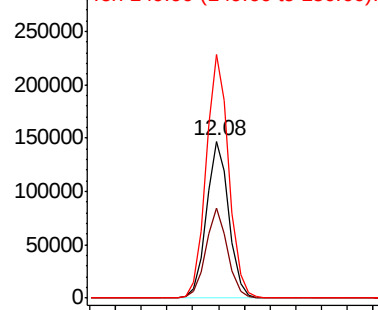


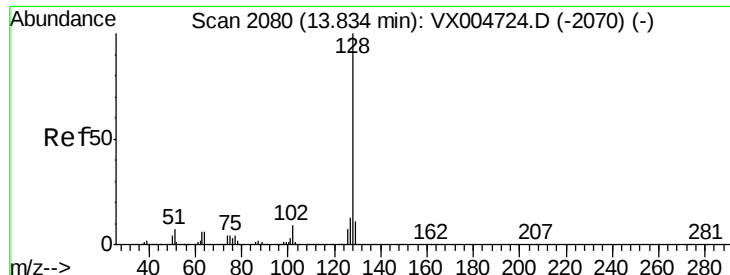
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004888.D
Acq: 01 Oct 2018 23:57

Tgt Ion:152 Resp: 177910
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 157.3 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





#95

Naphthalene

Concen: 0.804 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004888.D

Acq: 01 Oct 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-4246

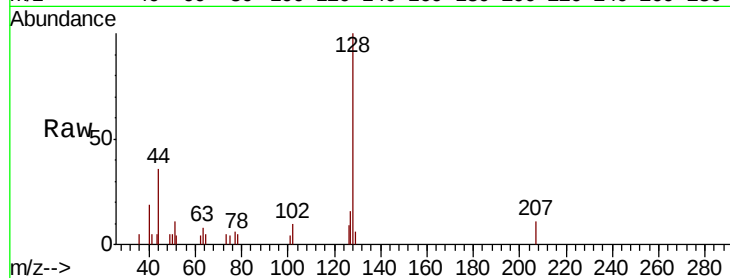
Tot Ion:128 Resp: 1273

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

