

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005197.D
 Acq On : 10 Oct 2018 09:13
 Operator : JC/MD
 Sample : J5303-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW515-3034

Quant Time: Oct 10 16:32:00 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

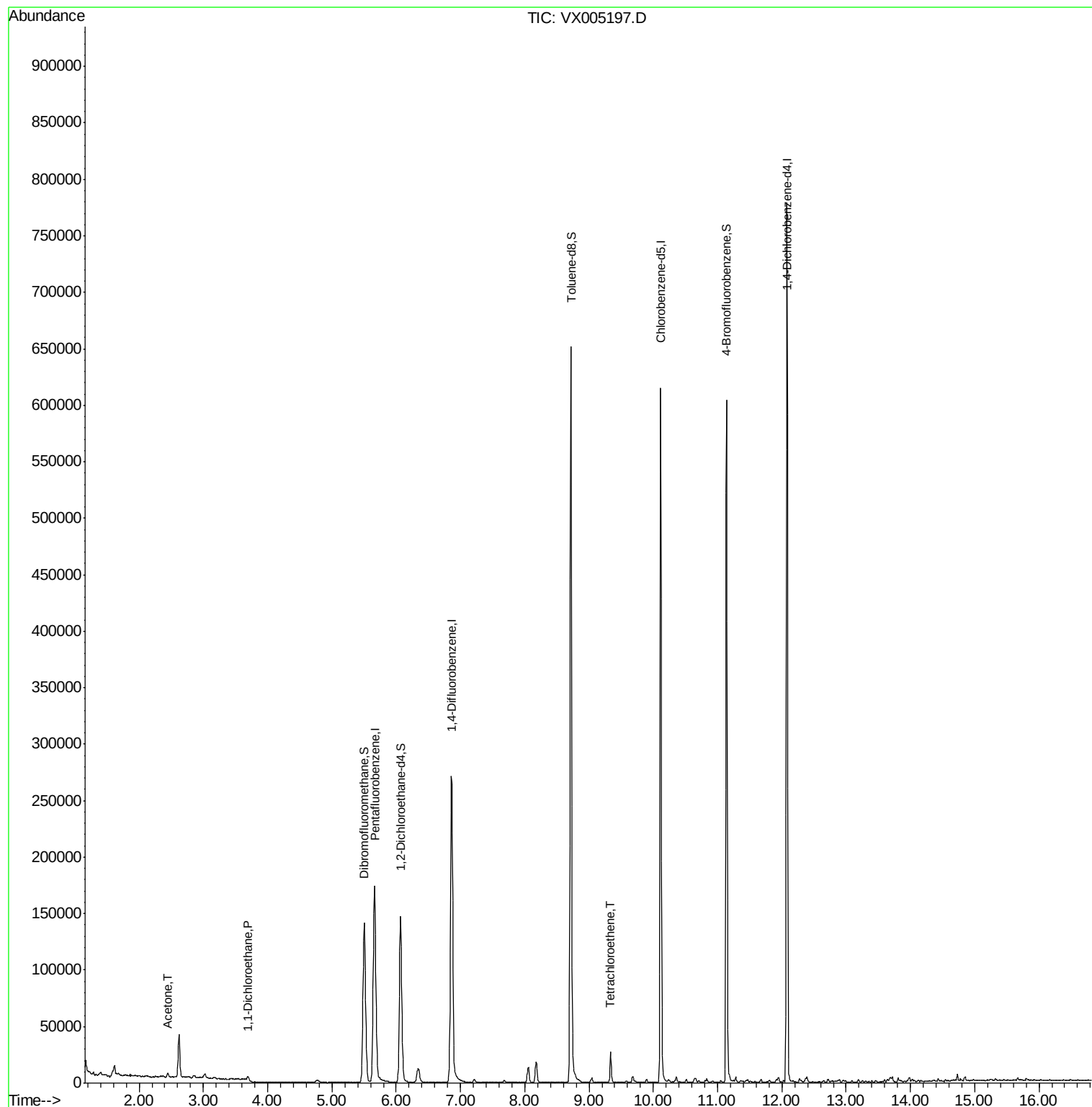
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141033	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	5.50	113	119671	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.72	98	416650	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	150698	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
Target Compounds						
16) Acetone	2.45	43	4298	2.858	ug/l	93
24) 1,1-Dichloroethane	3.70	63	4706	1.099	ug/l #	94
64) Tetrachloroethene	9.34	164	5532	1.959	ug/l #	86

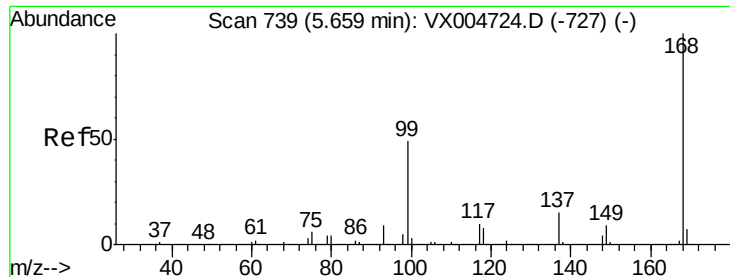
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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: VX005197.D

Acq: 10 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

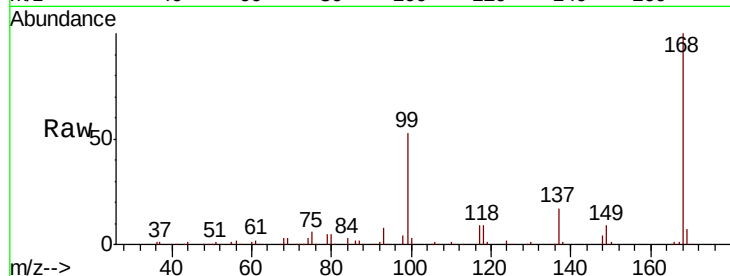
SA-TW515-3034

Tot Ion:168 Resp: 180335

Ion Ratio Lower Upper

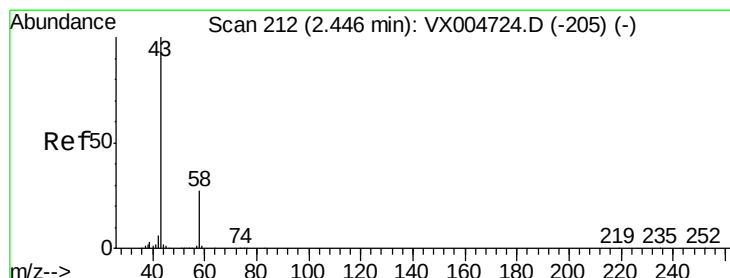
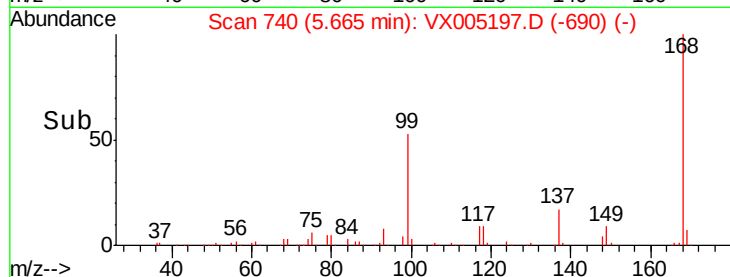
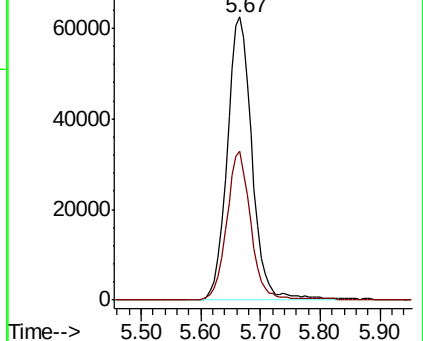
168 100

99 52.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.858 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005197.D

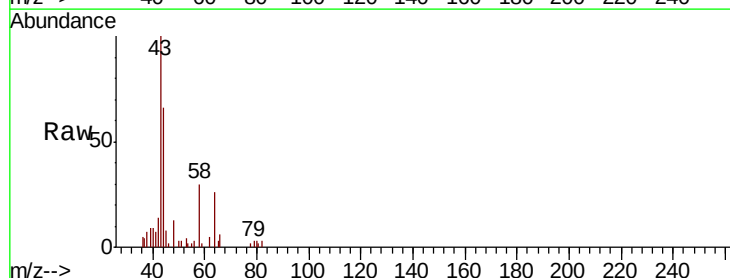
Acq: 10 Oct 2018 09:13

Tgt Ion: 43 Resp: 4298

Ion Ratio Lower Upper

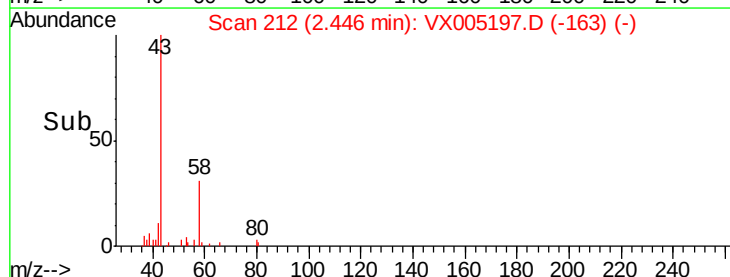
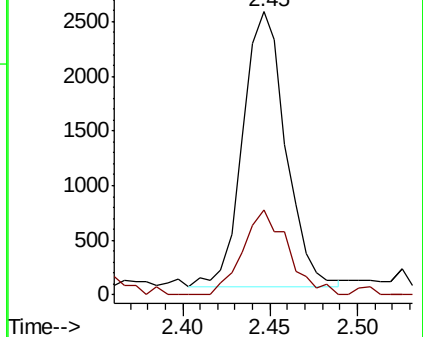
43 100

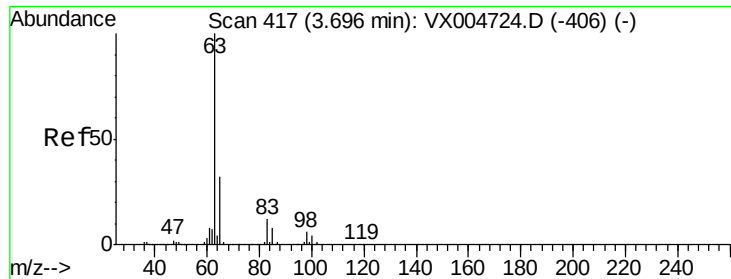
58 30.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 1.099 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005197.D

Acq: 10 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

SA-TW515-3034

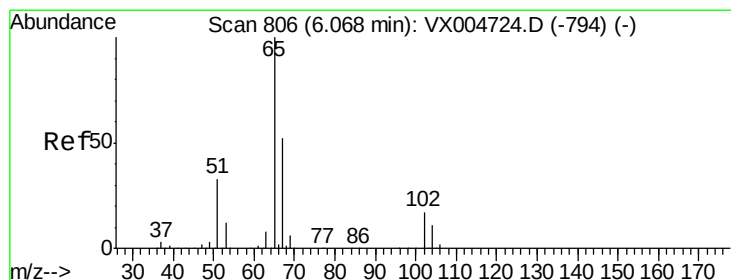
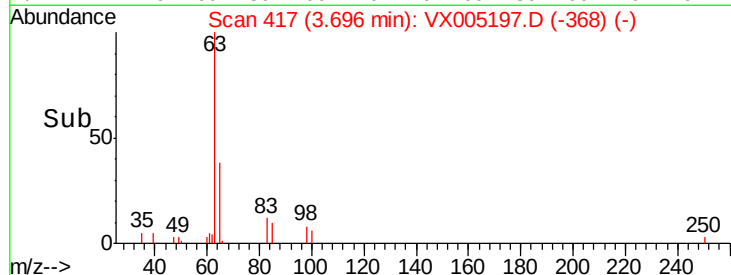
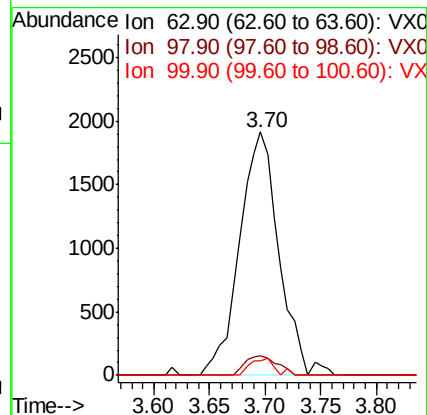
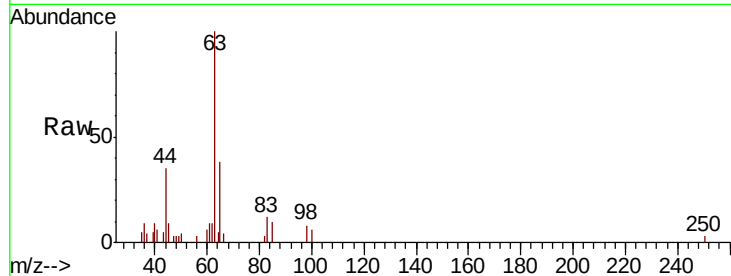
Tot Ion: 63 Resp: 4706

Ion Ratio Lower Upper

63 100

98 8.2 3.0 9.2

100 6.1 2.0 5.8#



#33

1,2-Dichloroethane-d4

Concen: 54.747 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005197.D

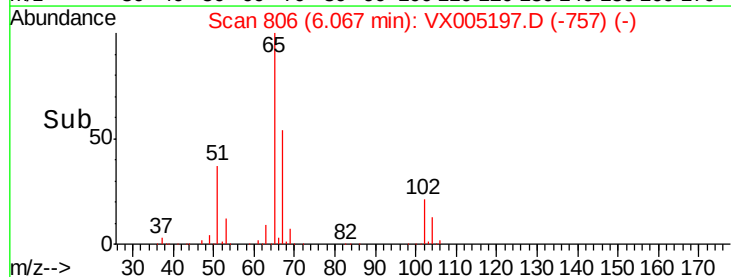
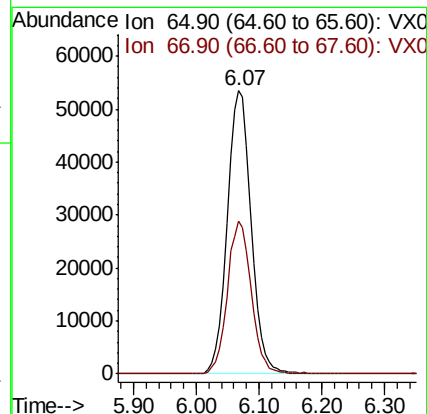
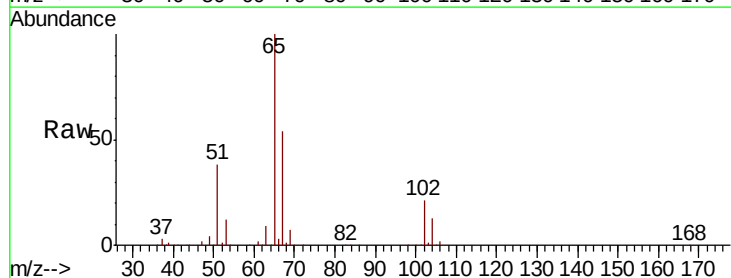
Acq: 10 Oct 2018 09:13

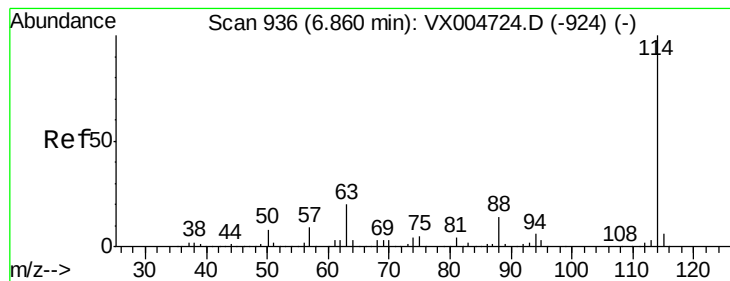
Tgt Ion: 65 Resp: 141033

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005197.D

Acq: 10 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

SA-TW515-3034

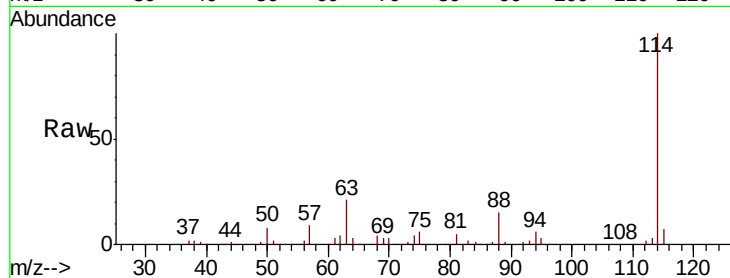
Tot Ion:114 Resp: 286634

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

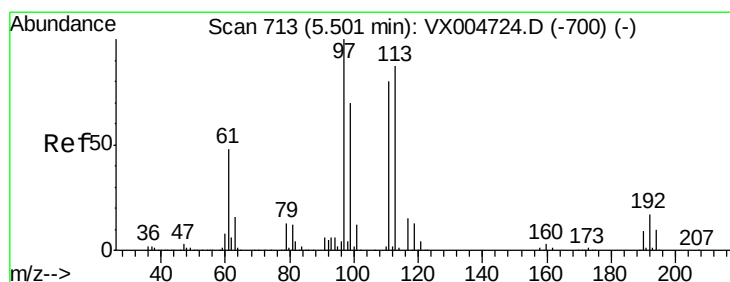
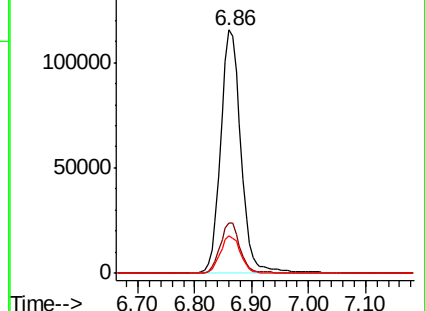
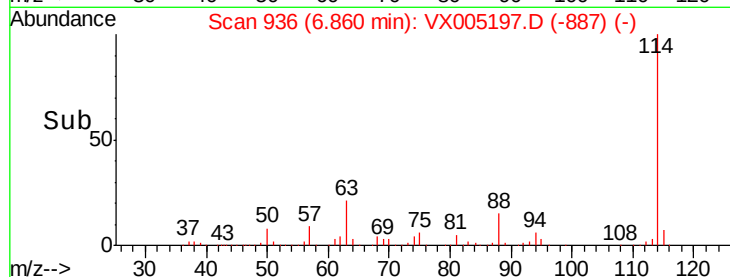
88 15.2 0.0 27.0



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



#35

Dibromofluoromethane

Concen: 49.262 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005197.D

Acq: 10 Oct 2018 09:13

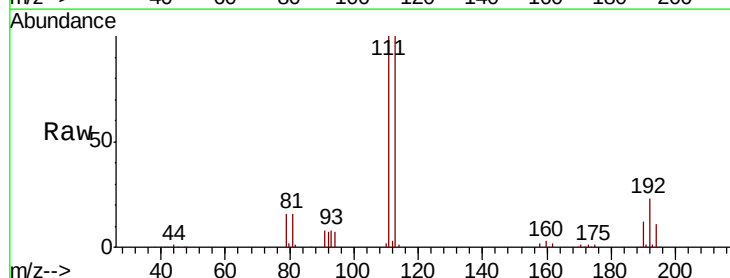
Tgt Ion:113 Resp: 119671

Ion Ratio Lower Upper

113 100

111 101.4 77.0 115.4

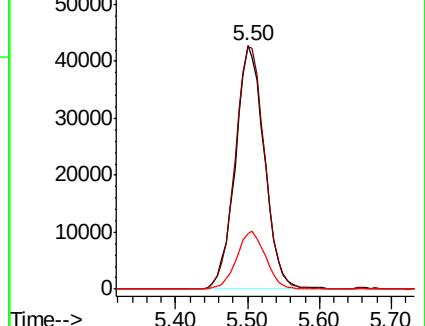
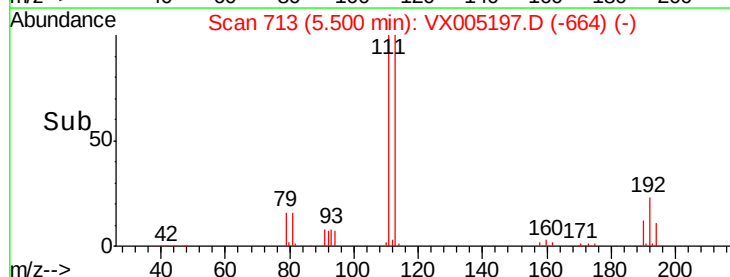
192 23.7 17.0 25.6

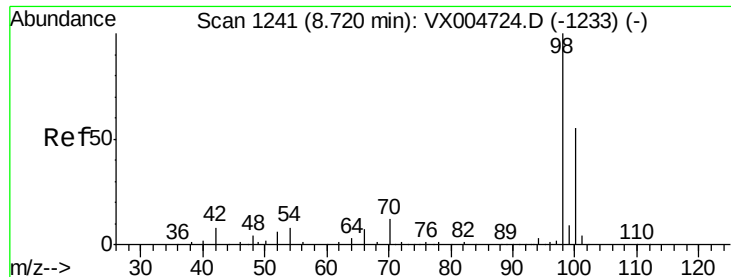


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.591 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005197.D

Acq: 10 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

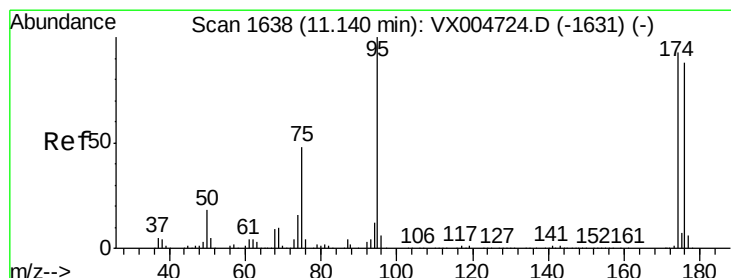
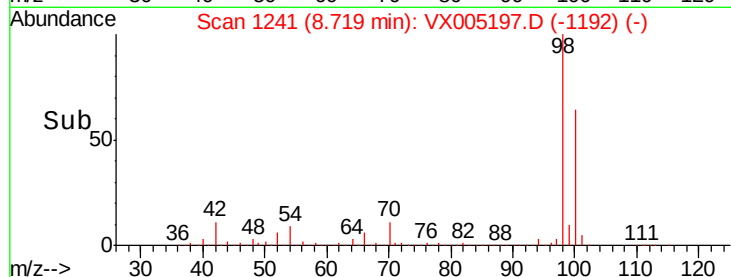
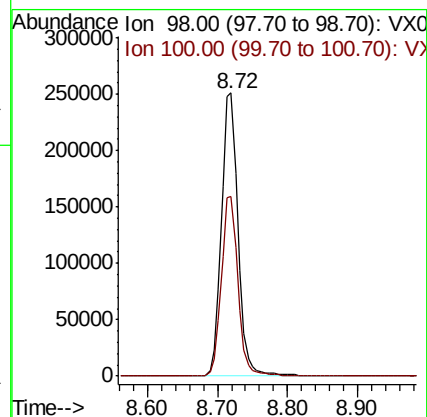
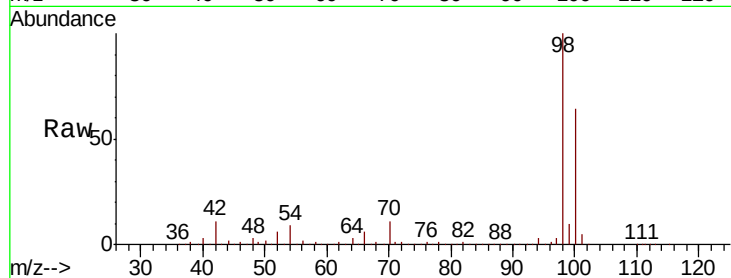
SA-TW515-3034

Tot Ion: 98 Resp: 416650

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.796 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005197.D

Acq: 10 Oct 2018 09:13

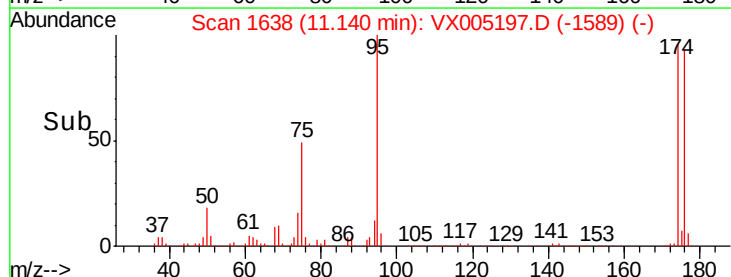
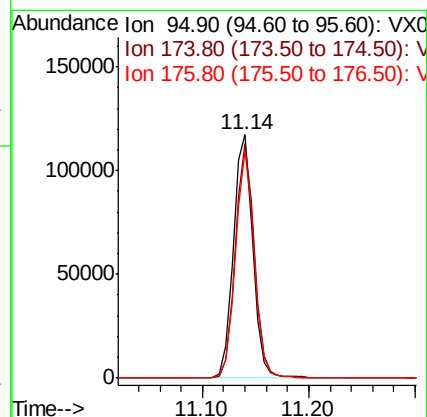
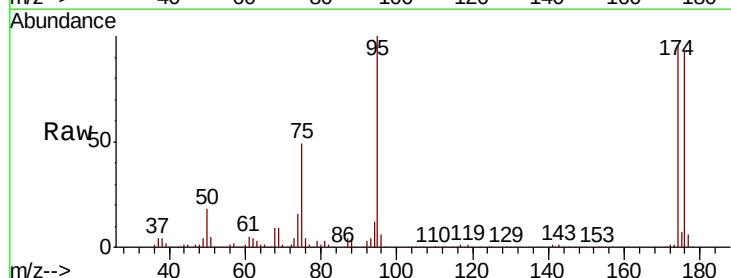
Tgt Ion: 95 Resp: 150698

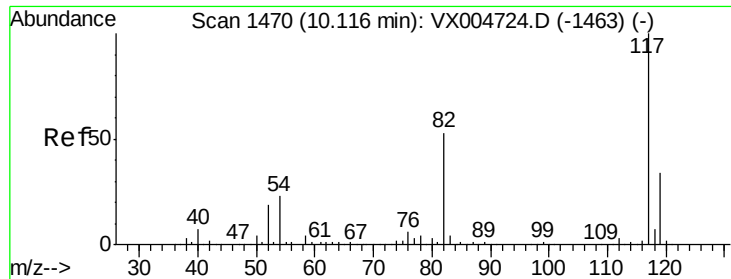
Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.0

176 90.3 0.0 180.2

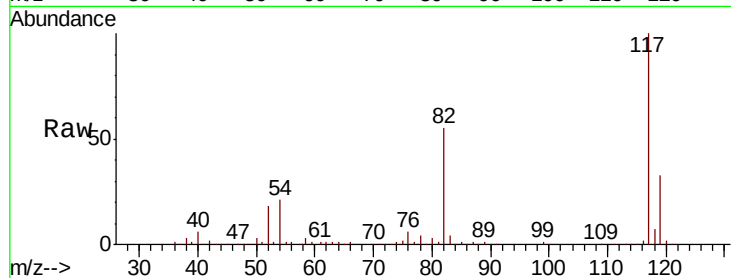




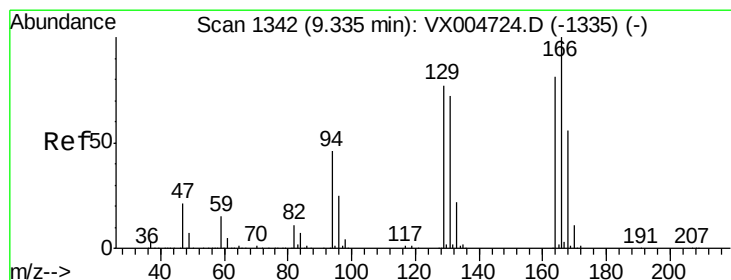
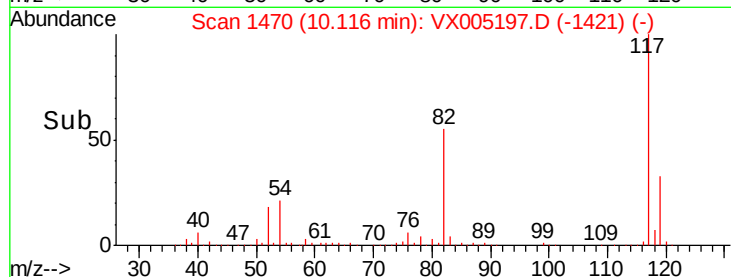
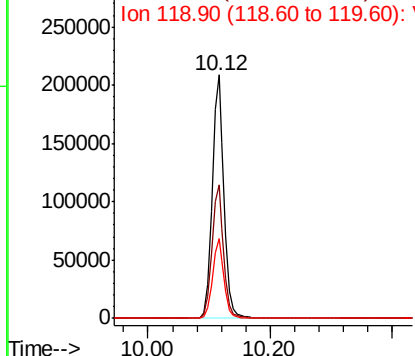
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005197.D
Acq: 10 Oct 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
SA-TW515-3034

Tot Ion:117 Resp: 286937
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 32.6 27.4 41.0

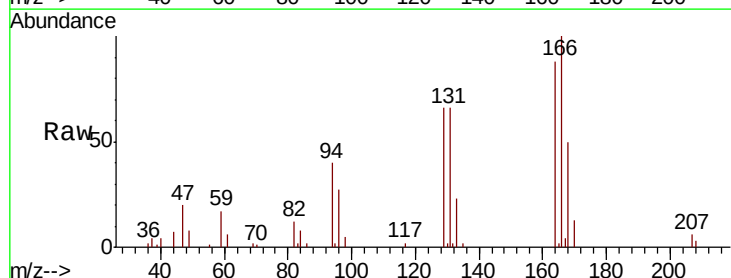


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

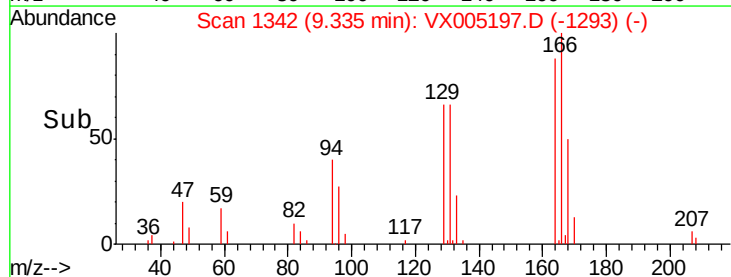
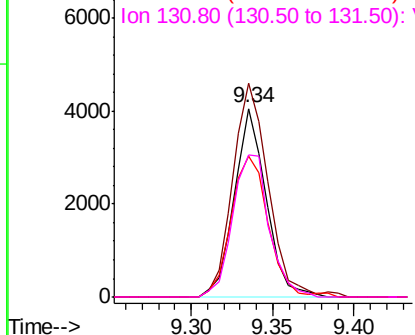


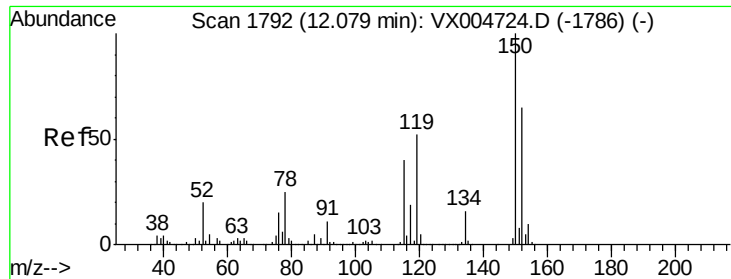
#64
Tetrachloroethene
Concen: 1.959 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005197.D
Acq: 10 Oct 2018 09:13

Tgt Ion:164 Resp: 5532
Ion Ratio Lower Upper
164 100
166 113.2 98.4 147.6
129 74.4 76.1 114.1#
131 75.2 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX005197.D

Acq: 10 Oct 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

SA-TW515-3034

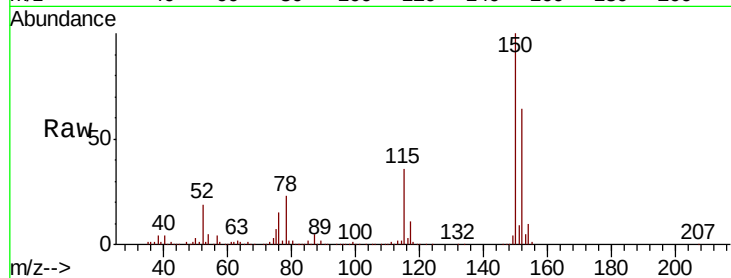
Tot Ion:152 Resp: 161089

Ion Ratio Lower Upper

152 100

115 54.8 40.2 120.6

150 156.5 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

