

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005201.D
 Acq On : 10 Oct 2018 11:00
 Operator : JC/MD
 Sample : J5303-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW516-3034

Quant Time: Oct 19 16:09:17 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

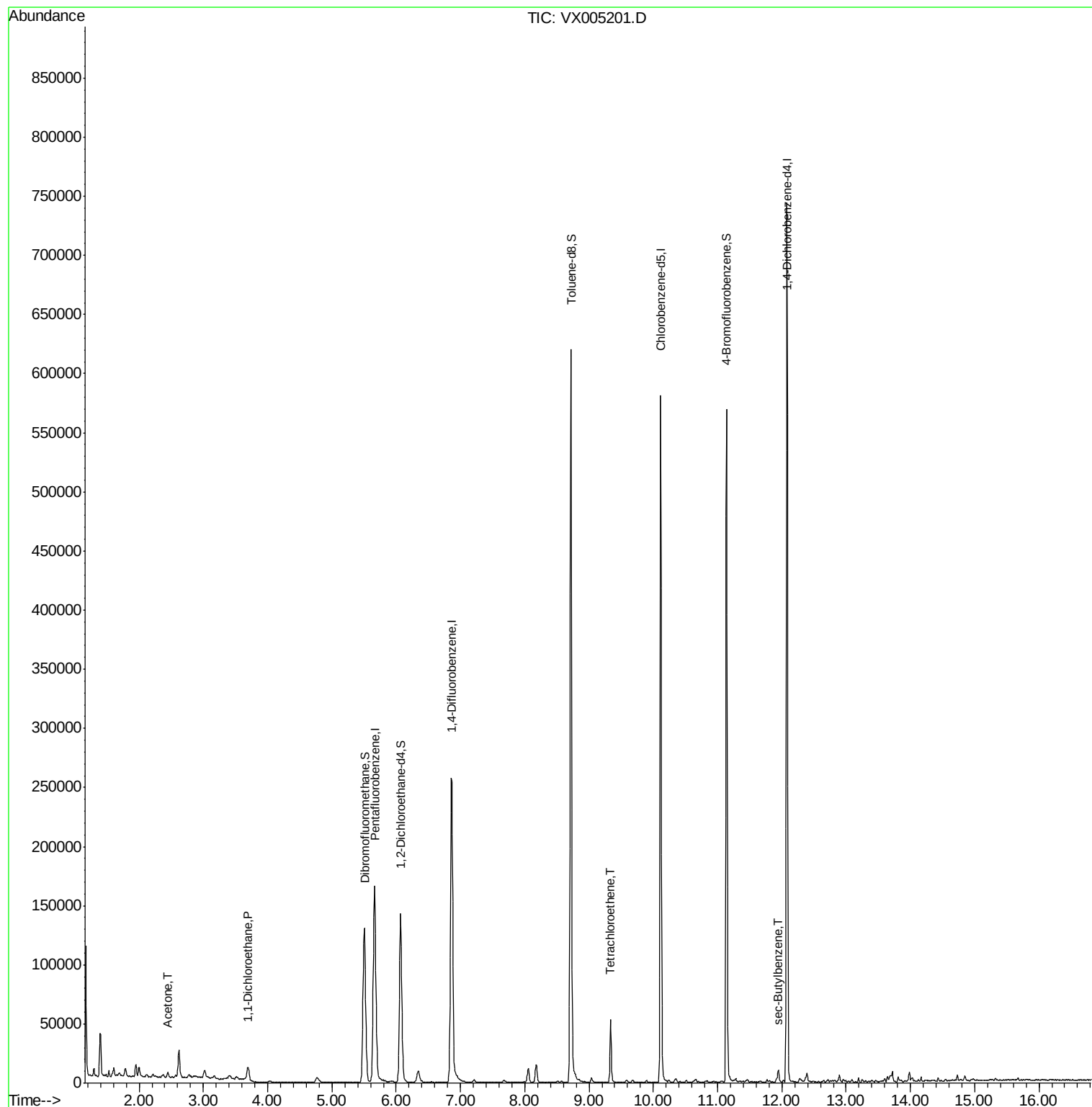
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136080	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
35) Dibromofluoromethane	5.51	113	111739	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.72	98	394189	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	140804	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
Target Compounds						
16) Acetone	2.45	43	4491	3.194	ug/l	99
24) 1,1-Dichloroethane	3.70	63	12201	3.048	ug/l	98
64) Tetrachloroethene	9.34	164	10943	4.128	ug/l	96
85) sec-Butylbenzene	11.94	105	5068	0.529	ug/l	82

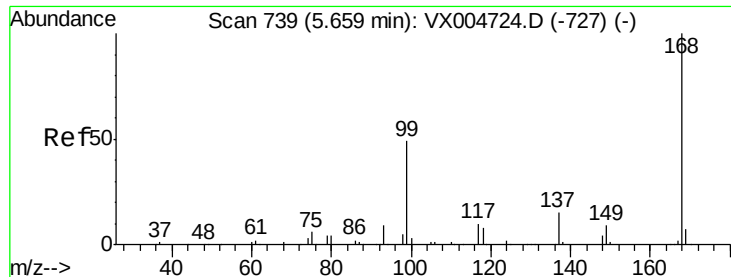
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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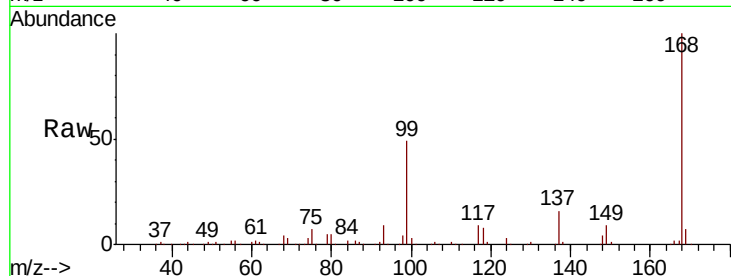




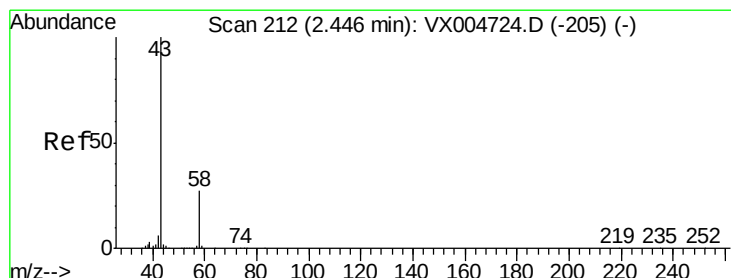
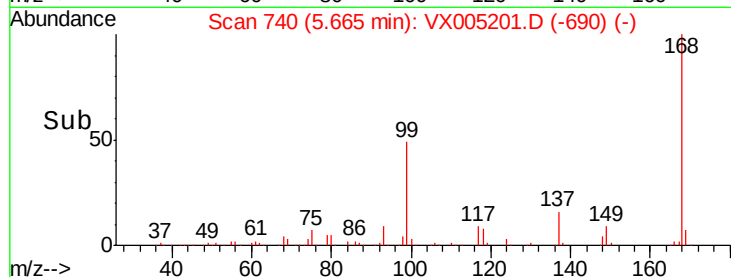
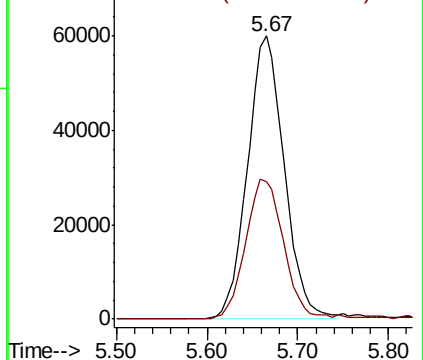
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TW516-3034

Tot Ion:168 Resp: 168587
Ion Ratio Lower Upper
168 100
99 48.7 39.3 58.9

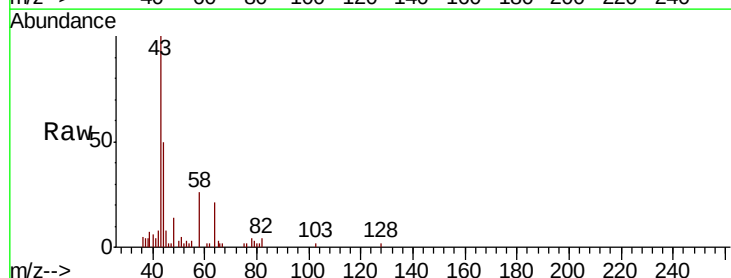


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

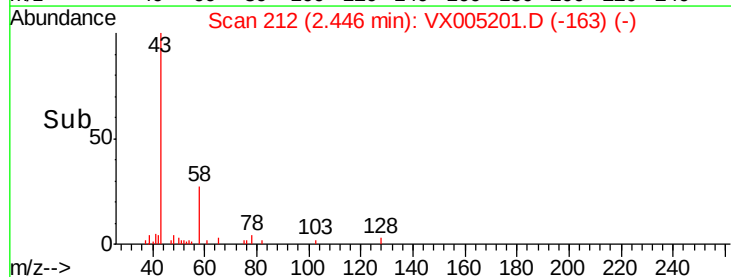
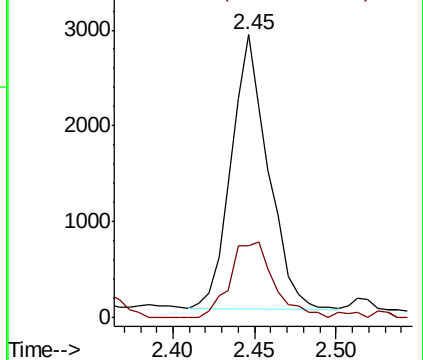


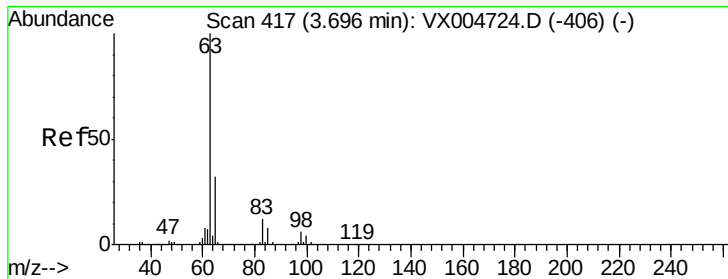
#16
Acetone
Concen: 3.194 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Tgt Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
58 26.4 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: 3.048 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005201.D

Acq: 10 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

SA-TW516-3034

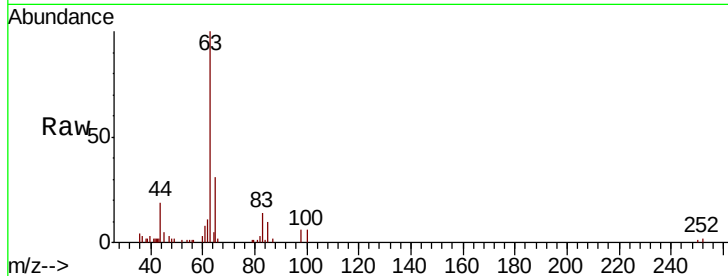
Tot Ion: 63 Resp: 12201

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

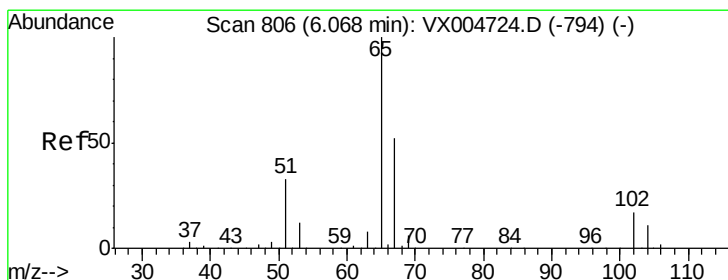
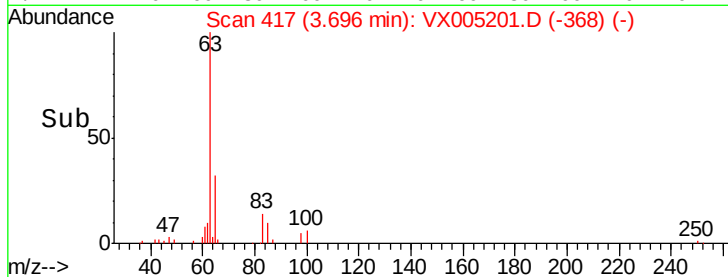
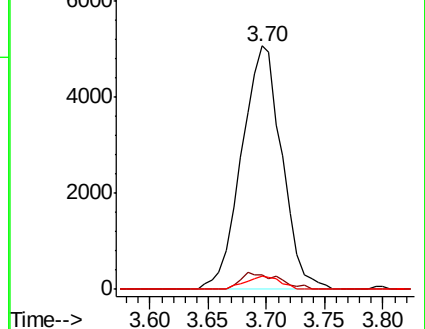
100 5.7 2.0 5.8



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



#33

1,2-Dichloroethane-d4

Concen: 56.505 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005201.D

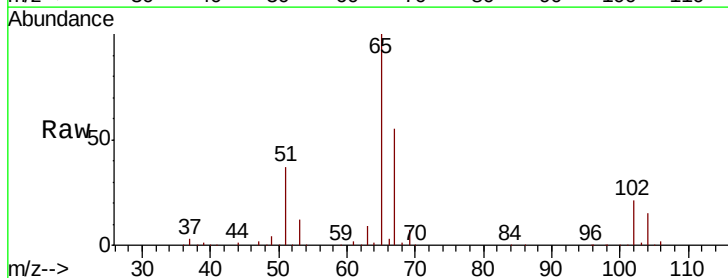
Acq: 10 Oct 2018 11:00

Tgt Ion: 65 Resp: 136080

Ion Ratio Lower Upper

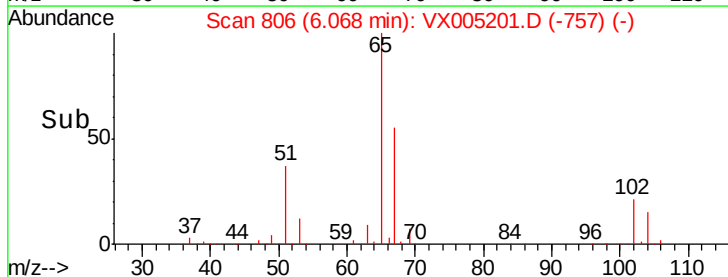
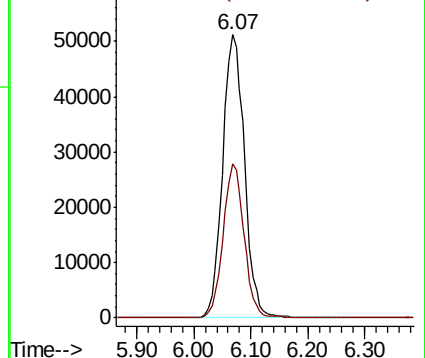
65 100

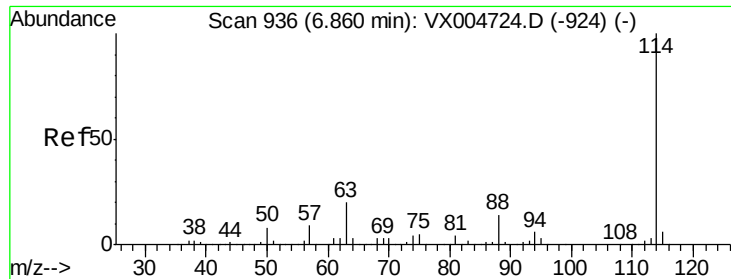
67 52.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

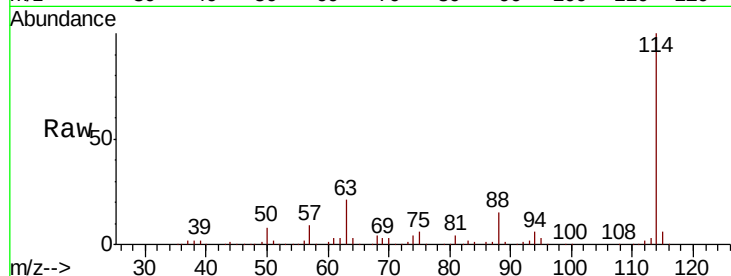




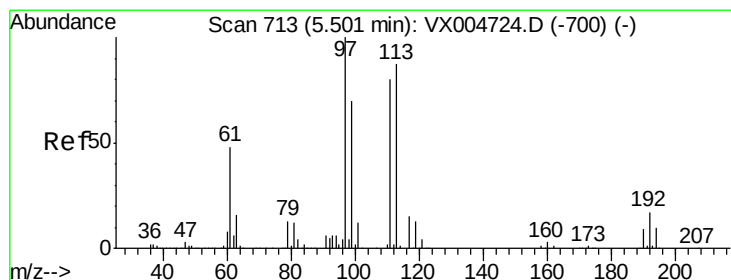
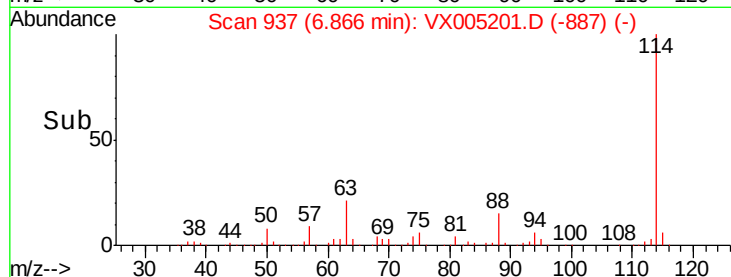
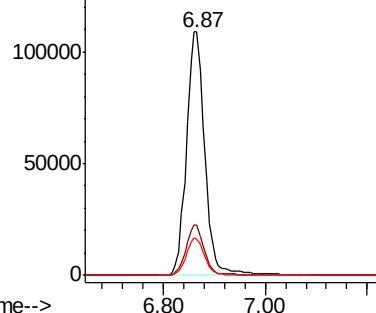
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
SA-TW516-3034

Tot Ion:114 Resp: 273450
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.8
88 14.9 0.0 27.0

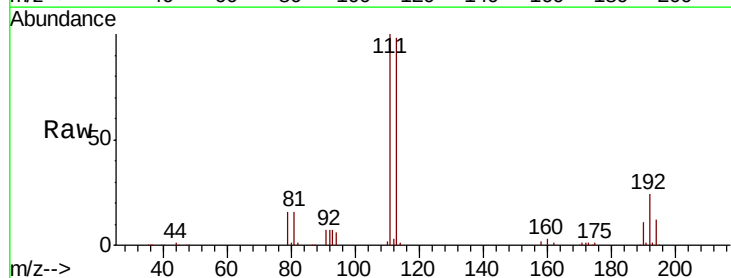


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

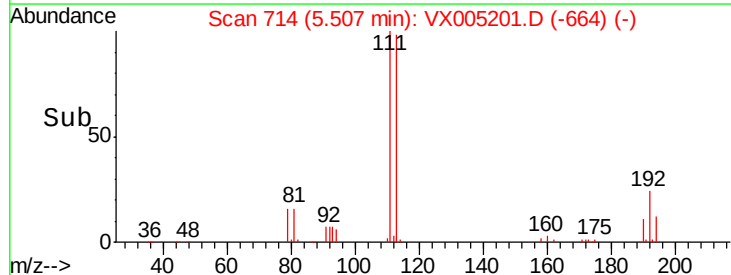
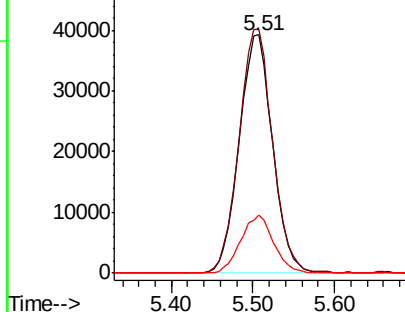


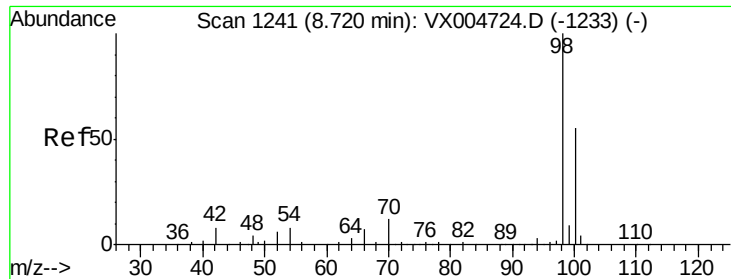
#35
Dibromofluoromethane
Concen: 48.215 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Tgt Ion:113 Resp: 111739
Ion Ratio Lower Upper
113 100
111 102.6 77.0 115.4
192 24.0 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: 51.163 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005201.D

Acq: 10 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

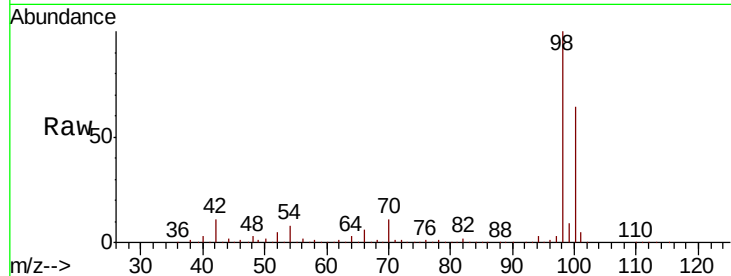
SA-TW516-3034

Tot Ion: 98 Resp: 394189

Ion Ratio Lower Upper

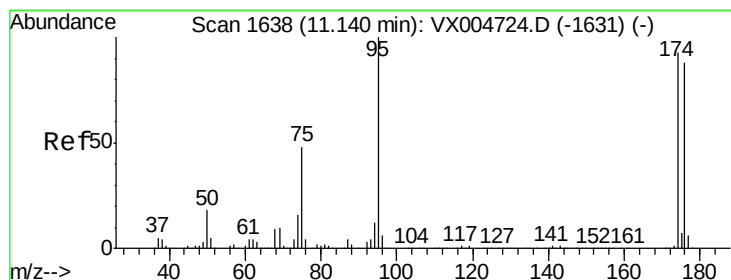
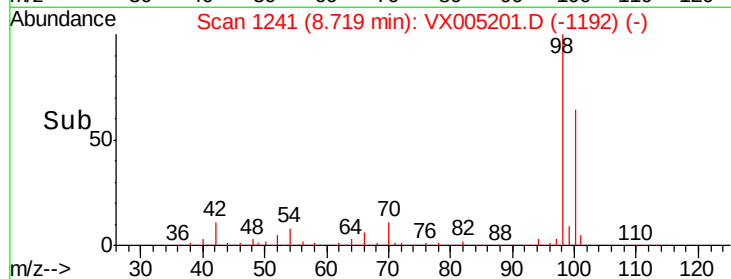
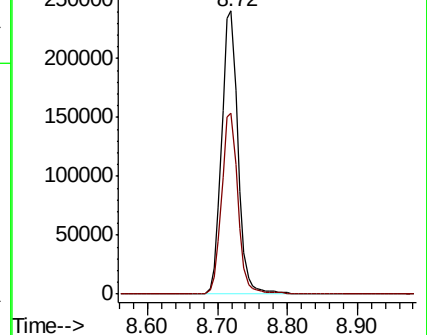
98 100

100 63.4 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: 50.729 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005201.D

Acq: 10 Oct 2018 11:00

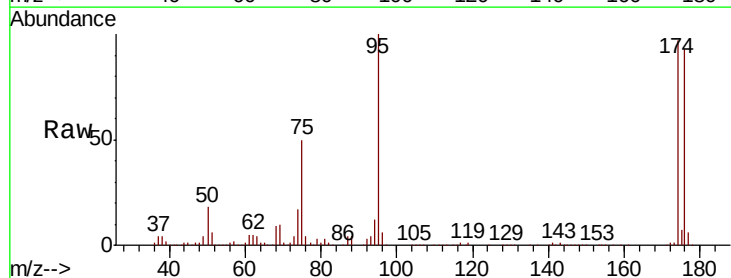
Tgt Ion: 95 Resp: 140804

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

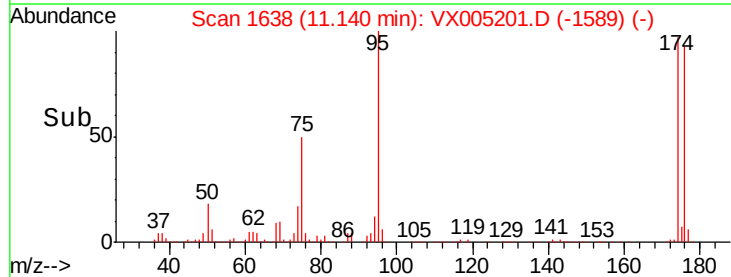
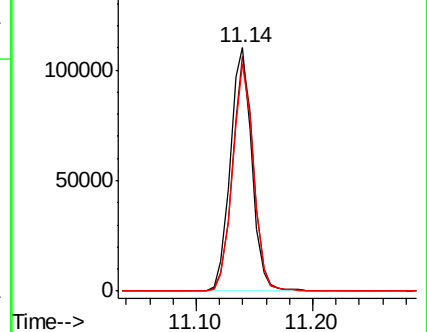
176 91.0 0.0 180.2

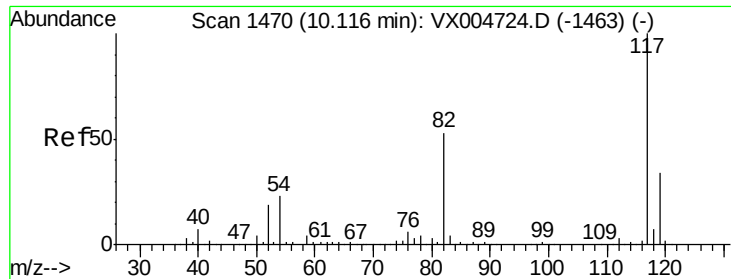


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

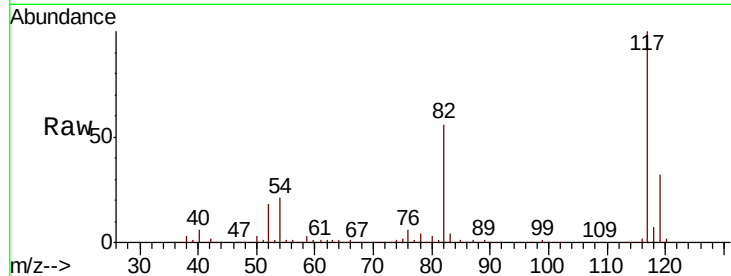




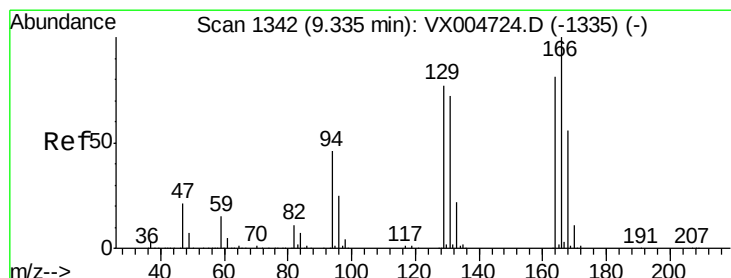
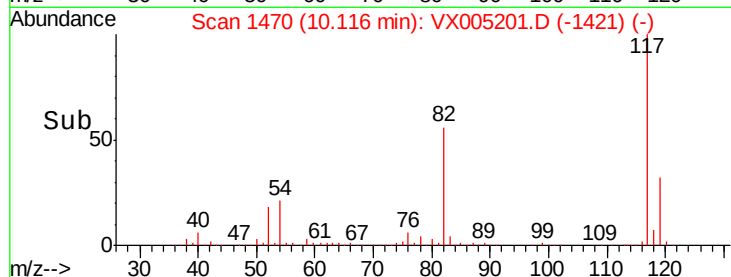
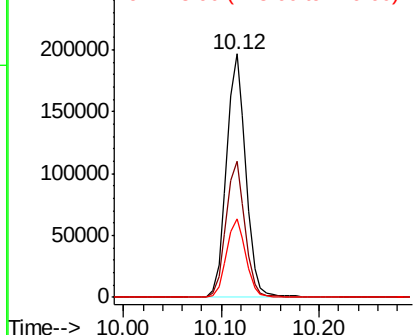
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Instrument :
MSVOA_X
ClientSampled :
SA-TW516-3034

Tot Ion:117 Resp: 269360
Ion Ratio Lower Upper
117 100
82 56.0 42.2 63.4
119 32.4 27.4 41.0

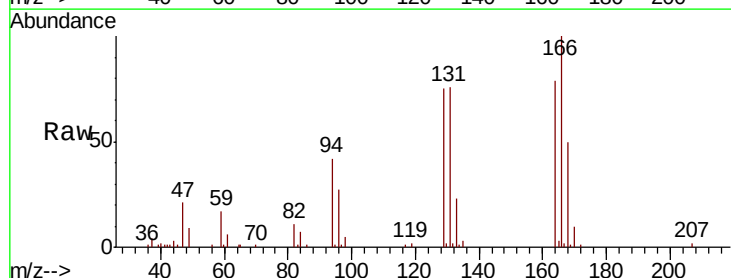


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

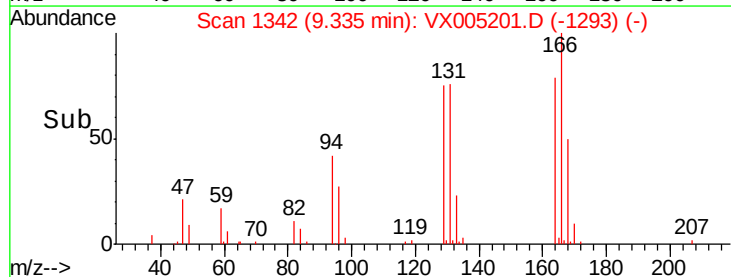
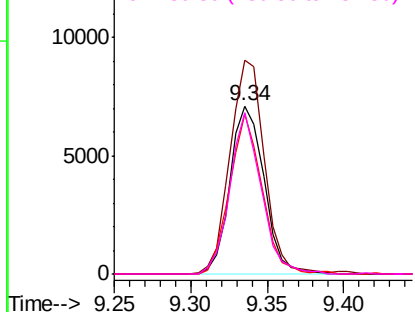


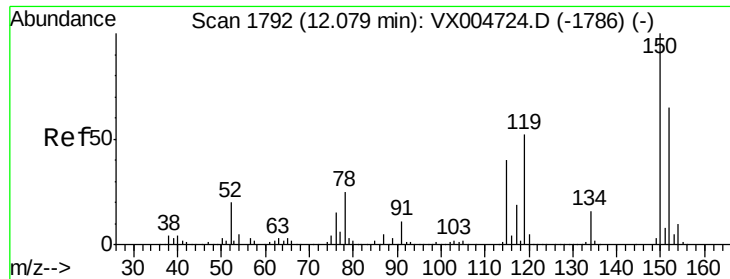
#64
Tetrachloroethene
Concen: 4.128 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005201.D
Acq: 10 Oct 2018 11:00

Tgt Ion:164 Resp: 10943
Ion Ratio Lower Upper
164 100
166 127.2 98.4 147.6
129 95.7 76.1 114.1
131 96.4 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: VX005201.D

Acq: 10 Oct 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

SA-TW516-3034

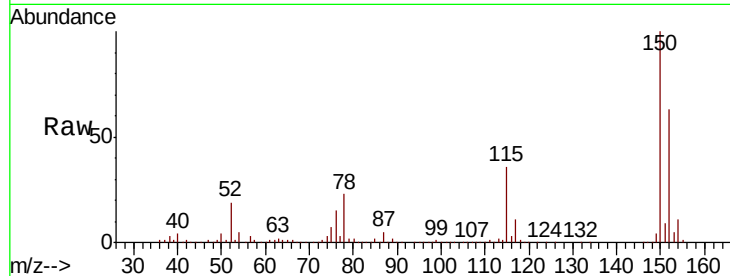
Tot Ion:152 Resp: 151582

Ion Ratio Lower Upper

152 100

115 56.2 40.2 120.6

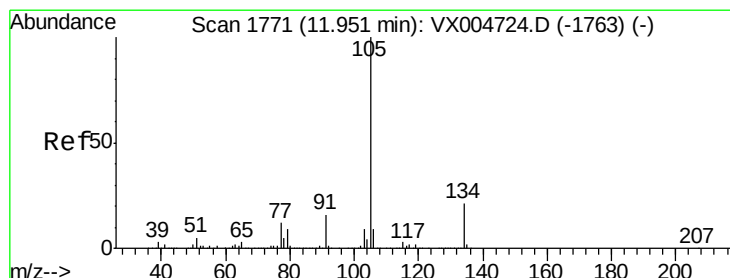
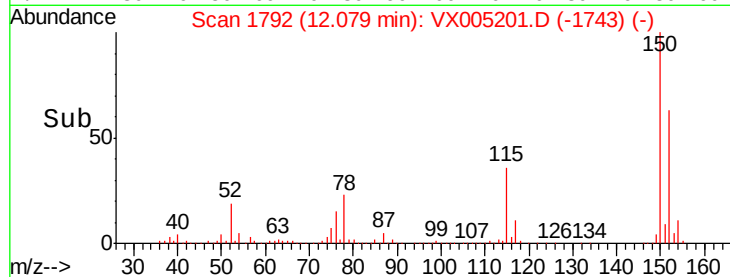
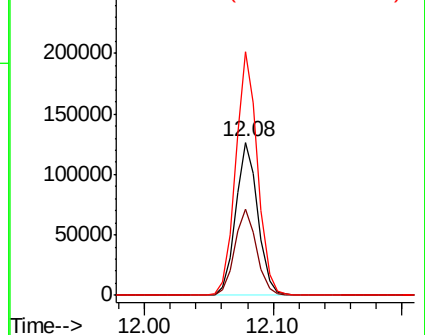
150 157.5 0.0 351.0



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



#85

sec-Butylbenzene

Concen: 0.529 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005201.D

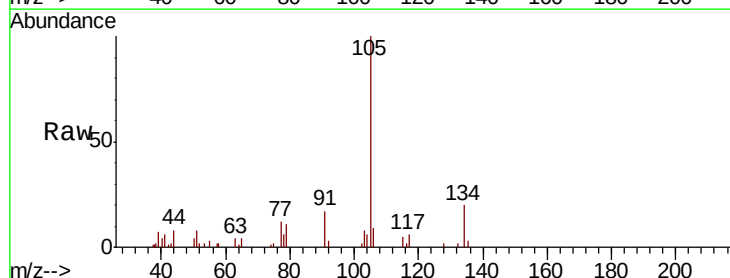
Acq: 10 Oct 2018 11:00

Tgt Ion:105 Resp: 5068

Ion Ratio Lower Upper

105 100

134 28.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

