

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005189.D
 Acq On : 10 Oct 2018 05:39
 Operator : JC/MD
 Sample : J5303-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-3034

Quant Time: Oct 19 16:08:55 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

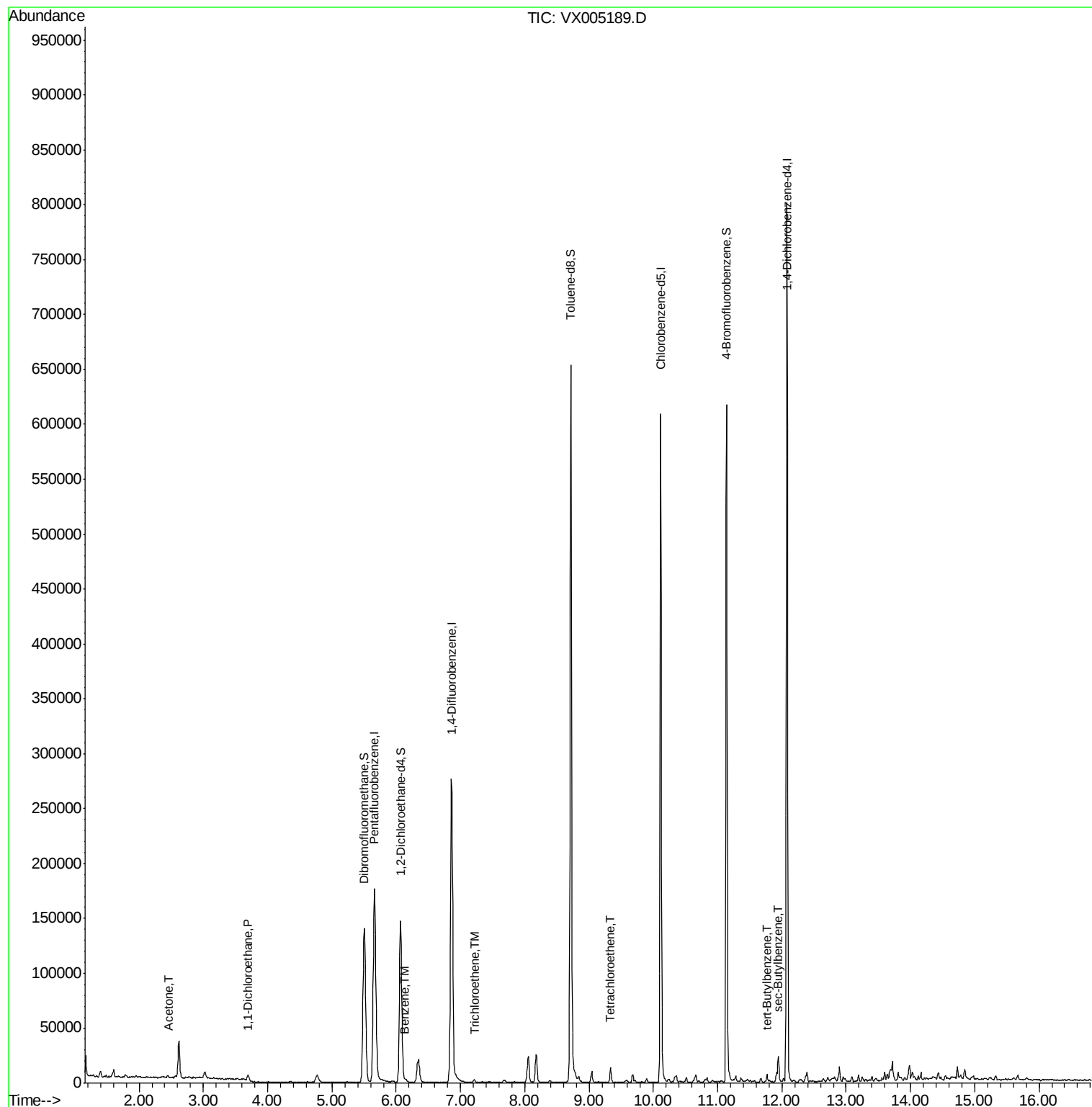
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142716	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
35) Dibromofluoromethane	5.50	113	119588	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.72	98	419646	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.14	95	154209	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	3100	2.074	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	6452	1.516	ug/l	96
40) Benzene	6.14	78	2623	0.253	ug/l #	87
44) Trichloroethene	7.21	130	1068	0.419	ug/l	84
64) Tetrachloroethene	9.34	164	2277	0.803	ug/l	95
83) tert-Butylbenzene	11.77	119	2364	0.276	ug/l	81
85) sec-Butylbenzene	11.94	105	10927	1.048	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: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

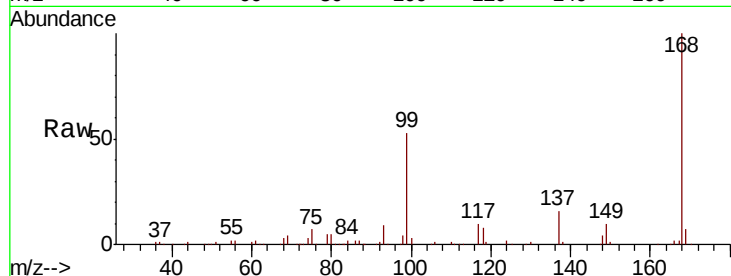
SA-TW513-3034

Tot Ion:168 Resp: 179226

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

5.67

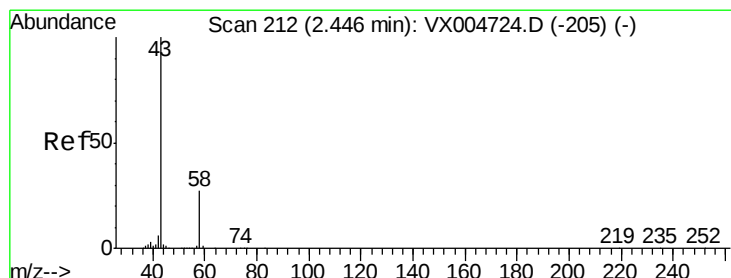
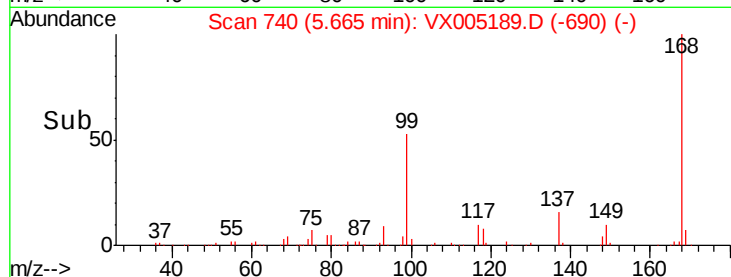
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.074 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005189.D

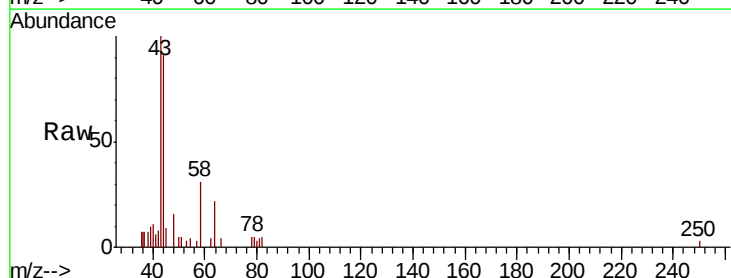
Acq: 10 Oct 2018 05:39

Tgt Ion: 43 Resp: 3100

Ion Ratio Lower Upper

43 100

58 32.7 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

2000

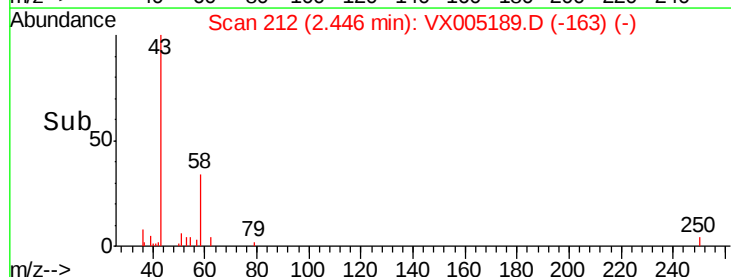
1500

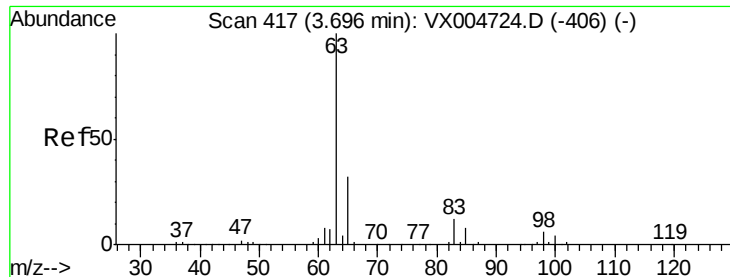
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#24

1,1-Dichloroethane

Concen: 1.516 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-3034

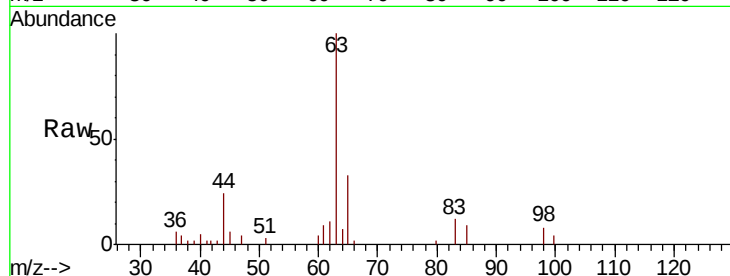
Tot Ion: 63 Resp: 6452

Ion Ratio Lower Upper

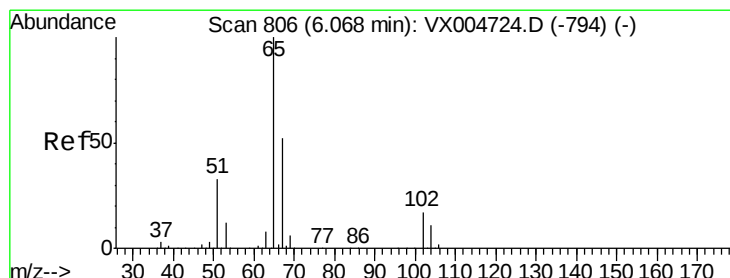
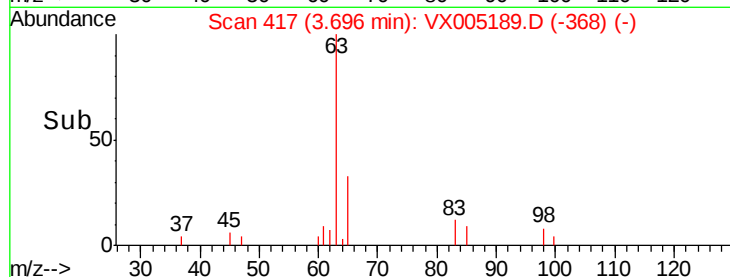
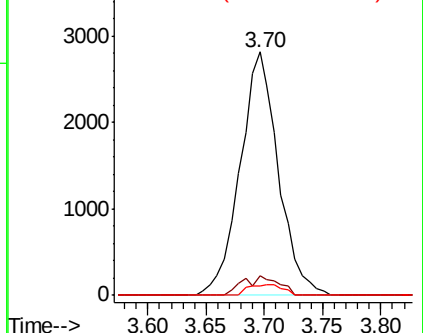
63 100

98 8.2 3.0 9.2

100 3.6 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: 55.743 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005189.D

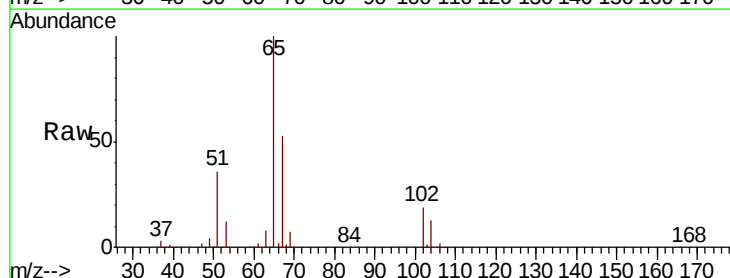
Acq: 10 Oct 2018 05:39

Tgt Ion: 65 Resp: 142716

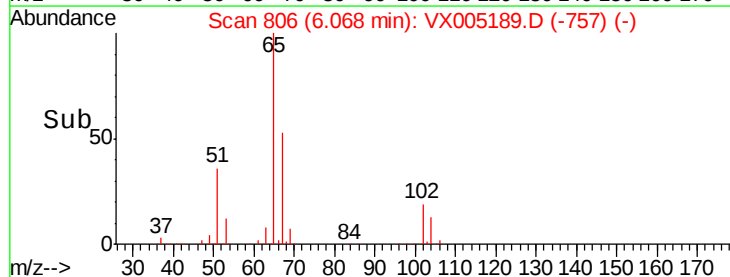
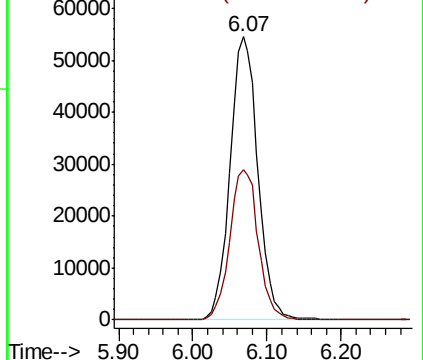
Ion Ratio Lower Upper

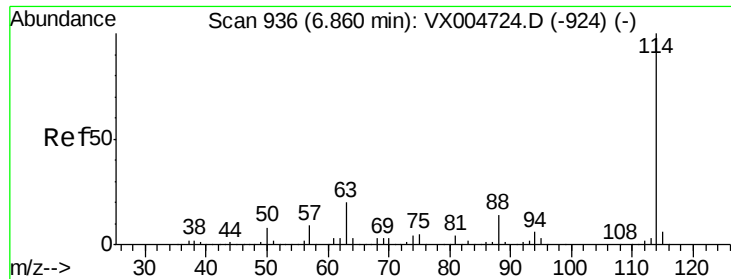
65 100

67 54.2 0.0 107.4



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

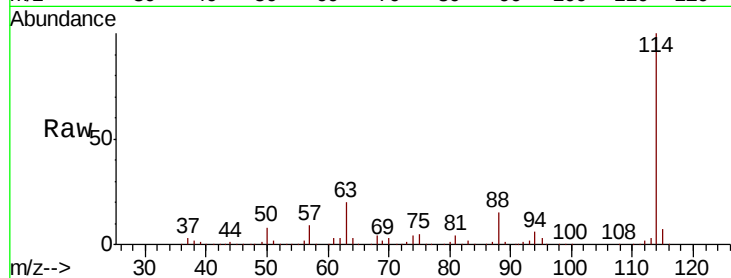




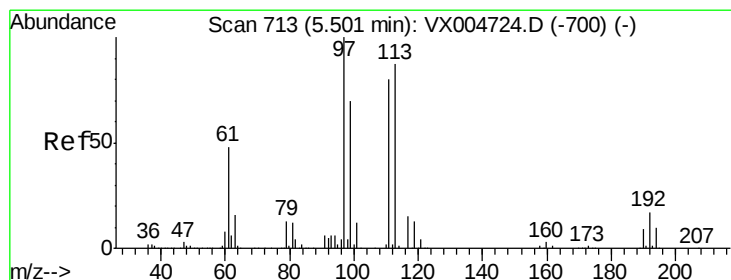
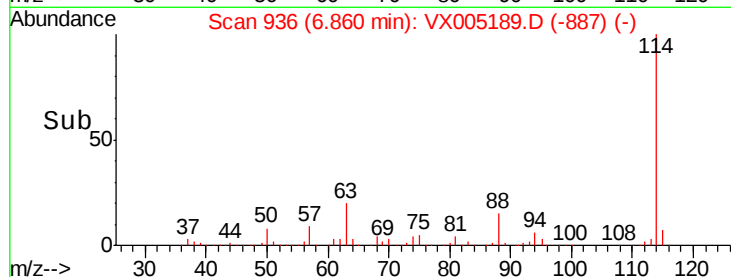
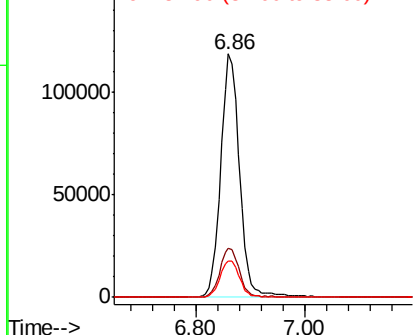
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005189.D
 Acq: 10 Oct 2018 05:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW513-3034

Tot Ion:114 Resp: 286480
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.0 0.0 27.0

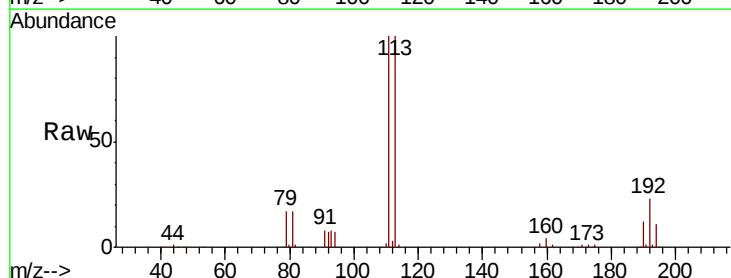


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

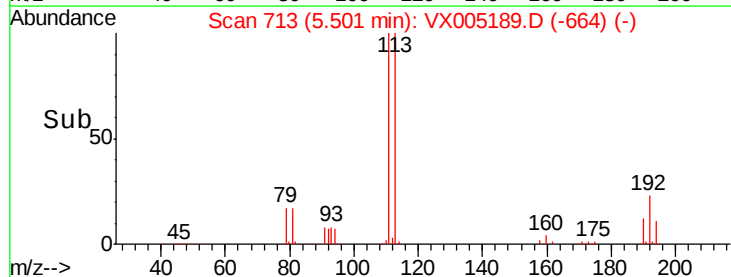
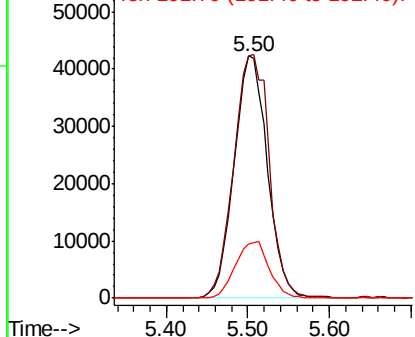


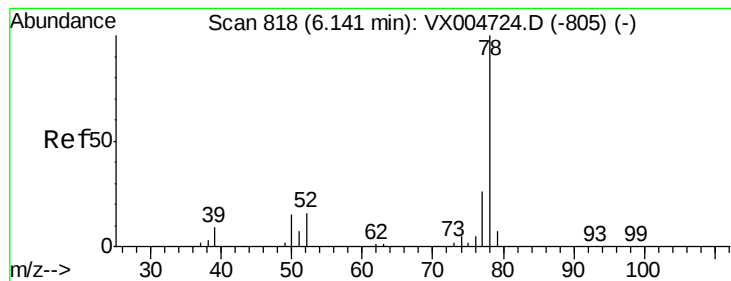
#35
 Dibromofluoromethane
 Concen: 49.255 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005189.D
 Acq: 10 Oct 2018 05:39

Tgt Ion:113 Resp: 119588
 Ion Ratio Lower Upper
 113 100
 111 107.2 77.0 115.4
 192 23.8 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





#40

Benzene

Concen: 0.253 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

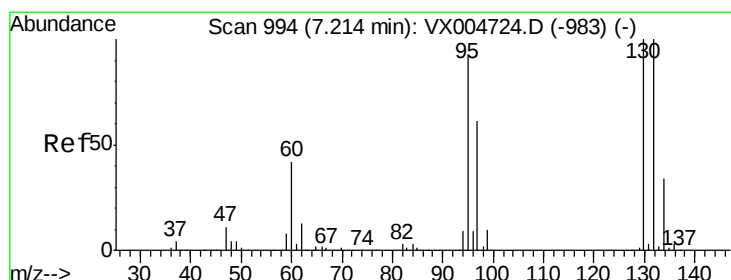
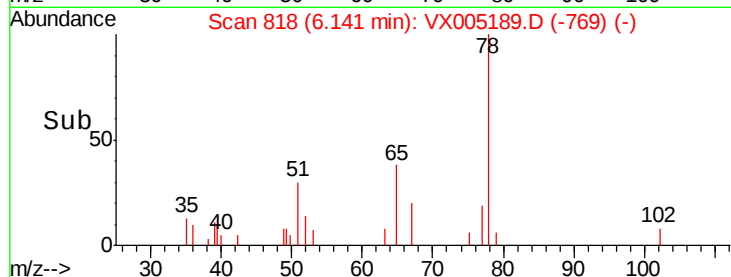
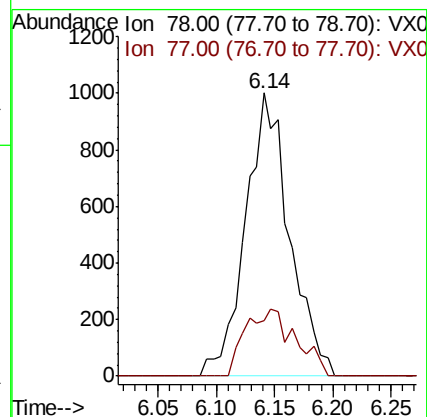
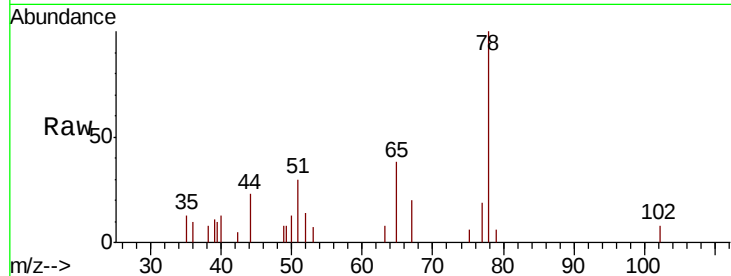
SA-TW513-3034

Tot Ion: 78 Resp: 2623

Ion Ratio Lower Upper

78 100

77 19.5 21.0 31.4#



#44

Trichloroethene

Concen: 0.419 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005189.D

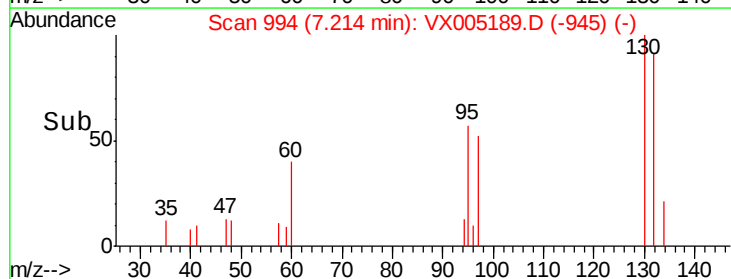
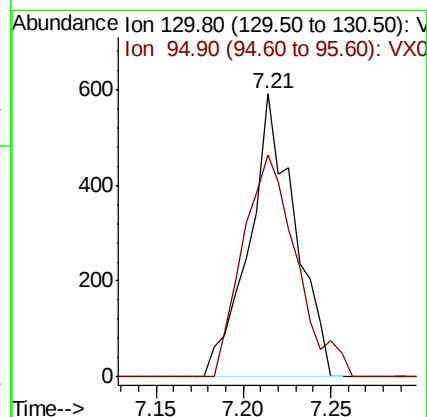
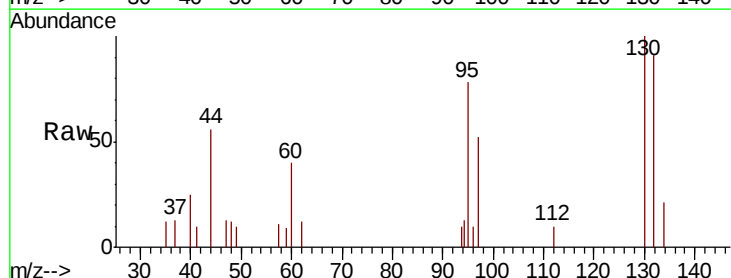
Acq: 10 Oct 2018 05:39

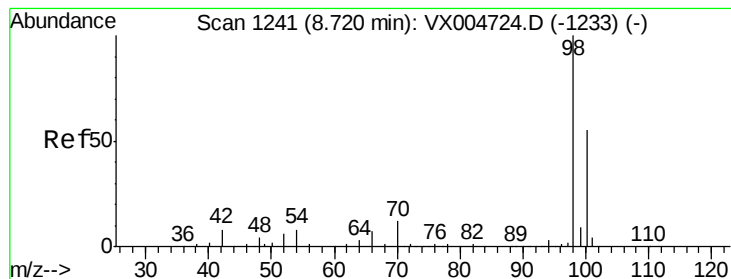
Tgt Ion:130 Resp: 1068

Ion Ratio Lower Upper

130 100

95 78.3 0.0 186.8





#50

Toluene-d8

Concen: 51.990 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

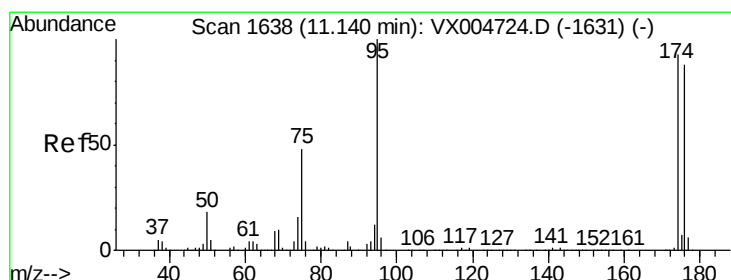
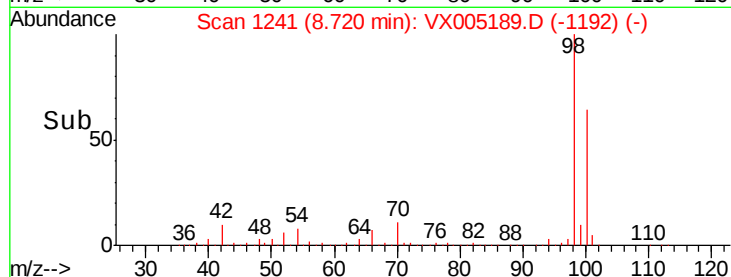
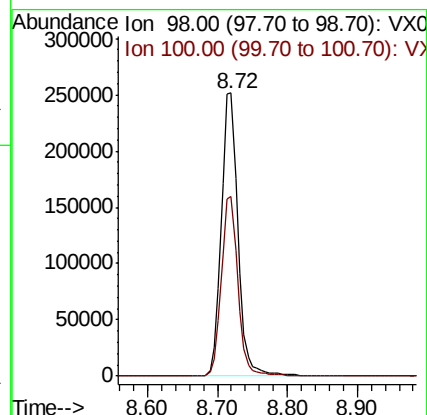
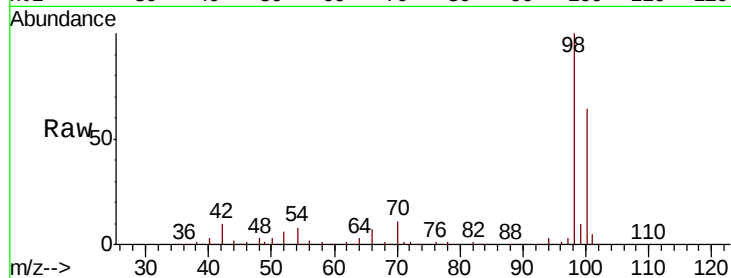
SA-TW513-3034

Tot Ion: 98 Resp: 419646

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.031 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

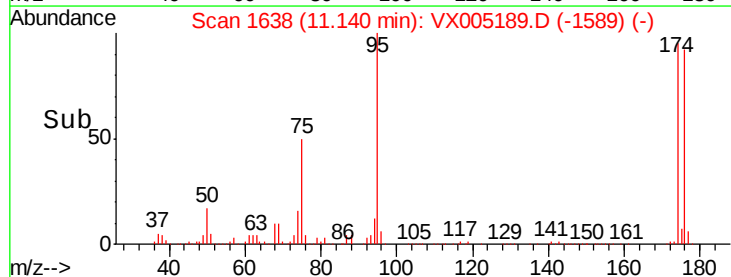
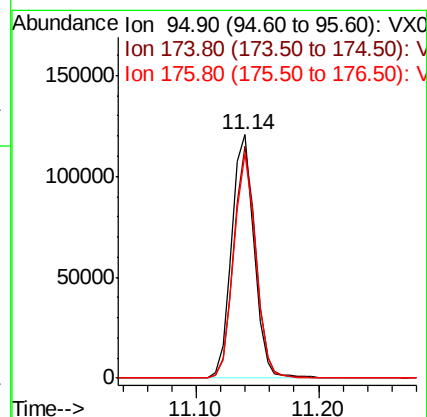
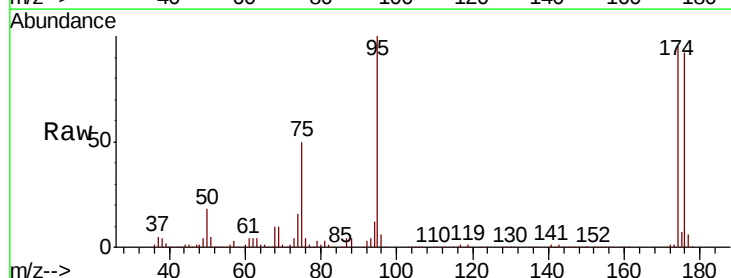
Tgt Ion: 95 Resp: 154209

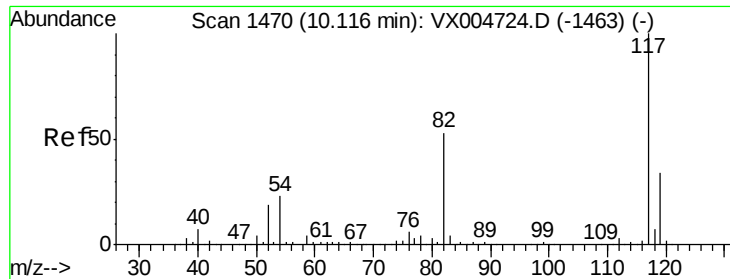
Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.0

176 89.7 0.0 180.2

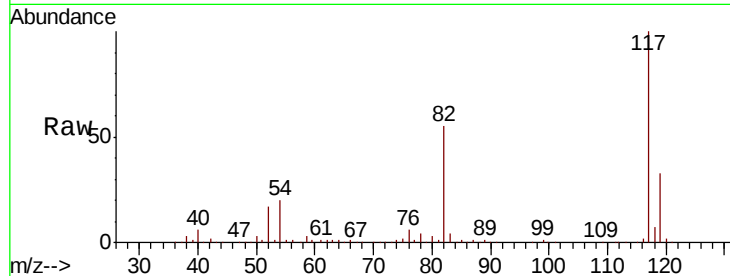




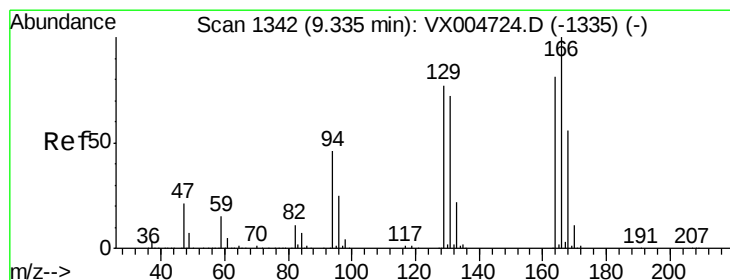
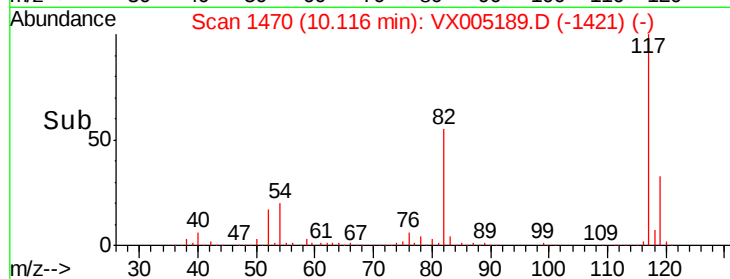
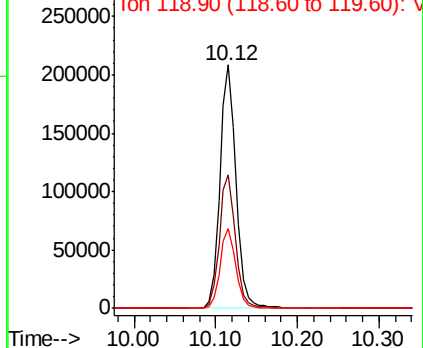
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Instrument :
MSVOA_X
ClientSampleId :
SA-TW513-3034

Tot Ion:117 Resp: 287939
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.6 27.4 41.0

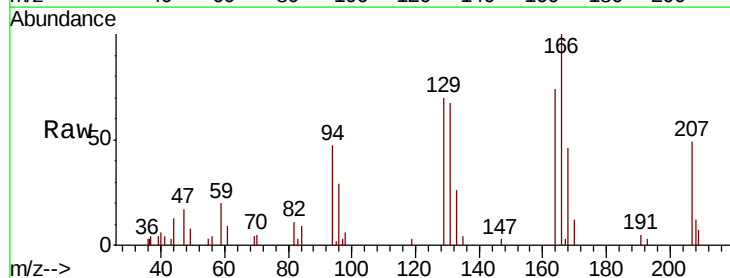


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

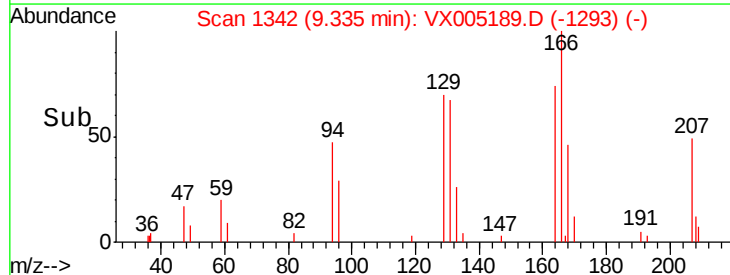
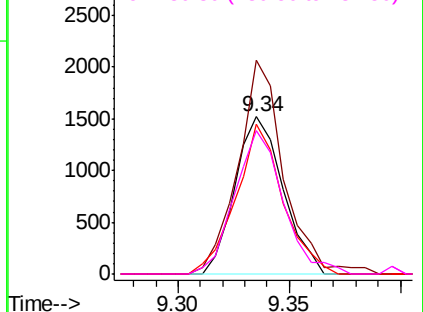


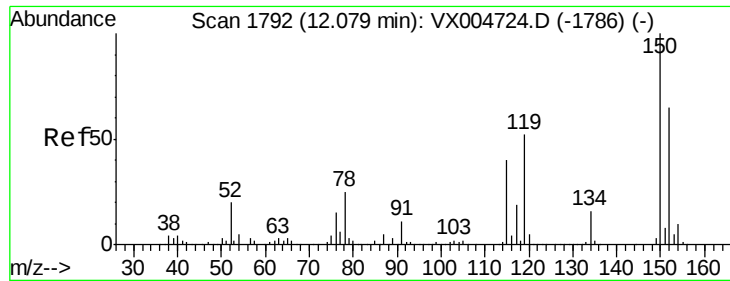
#64
Tetrachloroethene
Concen: 0.803 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005189.D
Acq: 10 Oct 2018 05:39

Tgt Ion:164 Resp: 2277
Ion Ratio Lower Upper
164 100
166 135.8 98.4 147.6
129 95.5 76.1 114.1
131 90.9 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: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-3034

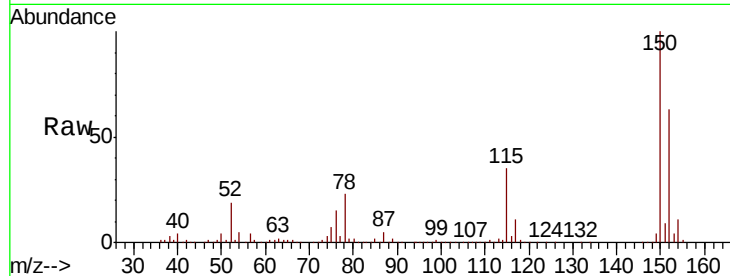
Tot Ion:152 Resp: 164877

Ion Ratio Lower Upper

152 100

115 54.7 40.2 120.6

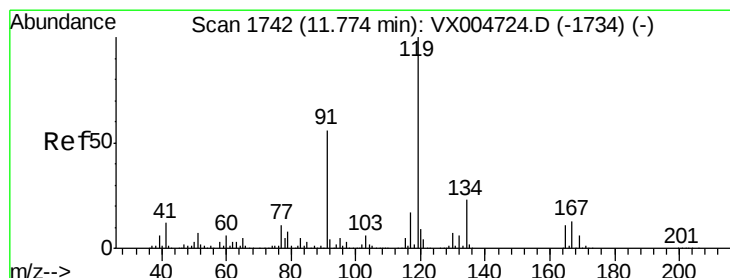
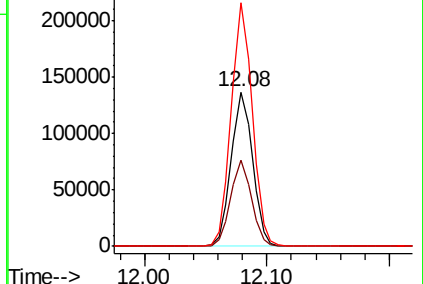
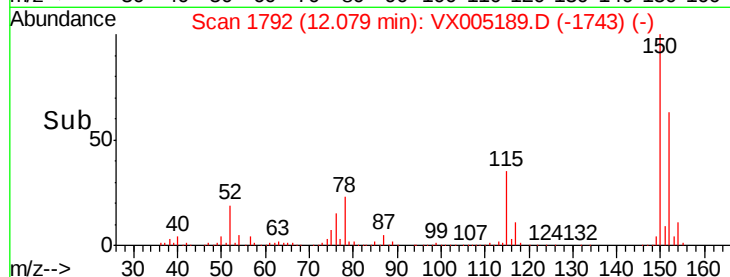
150 155.4 0.0 351.0



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



#83

tert-Butylbenzene

Concen: 0.276 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

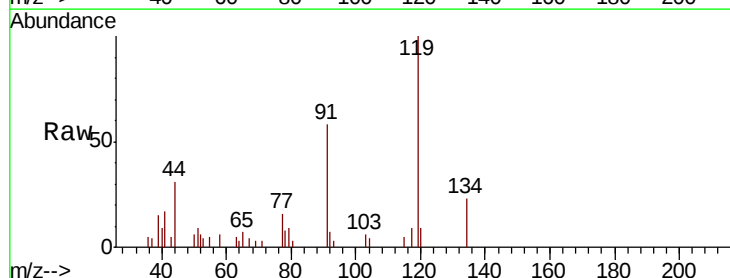
Tgt Ion:119 Resp: 2364

Ion Ratio Lower Upper

119 100

91 72.5 27.5 82.5

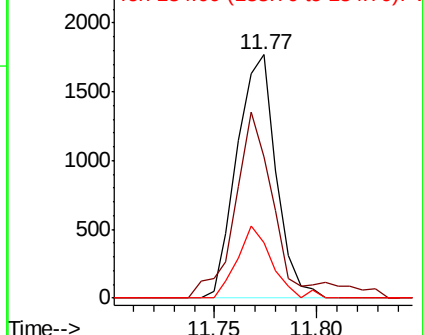
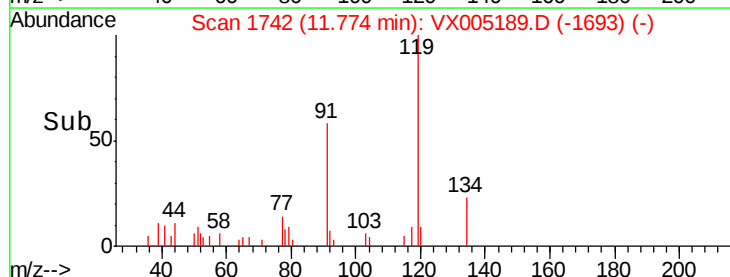
134 26.0 11.5 34.4

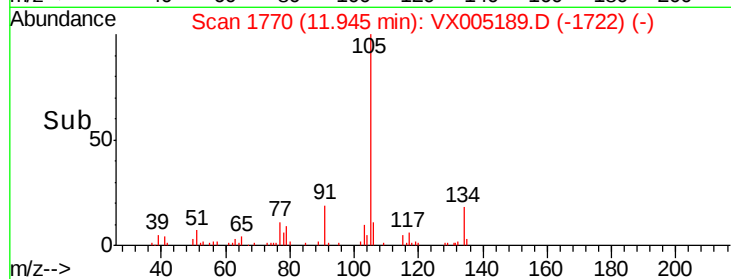
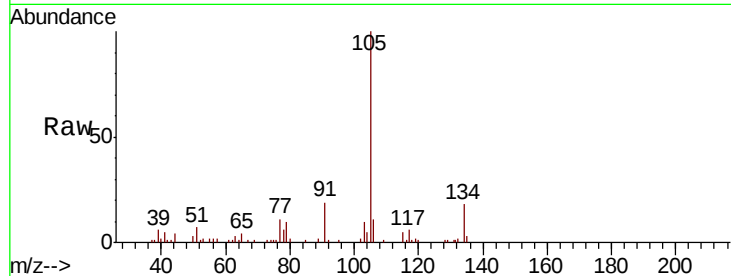
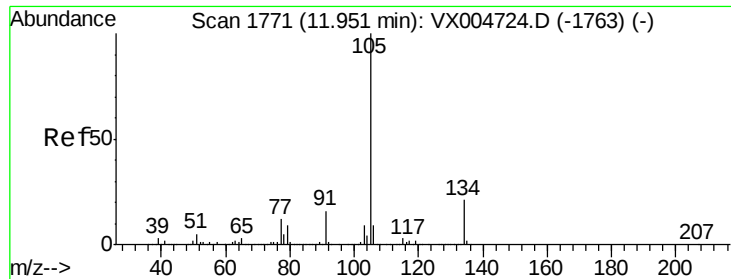


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 1.048 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005189.D

Acq: 10 Oct 2018 05:39

Instrument :

MSVOA_X

ClientSampleId :

SA-TW513-3034

Tot Ion:105 Resp: 10927

Ion Ratio Lower Upper

105 100

134 26.9 10.2 30.4

