

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010725.D
 Acq On : 09 Jul 2019 03:30
 Operator : JC/SP
 Sample : K3690-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Quant Time: Jul 09 09:29:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117018	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	5.50	113	109449	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	438894	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	152946	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

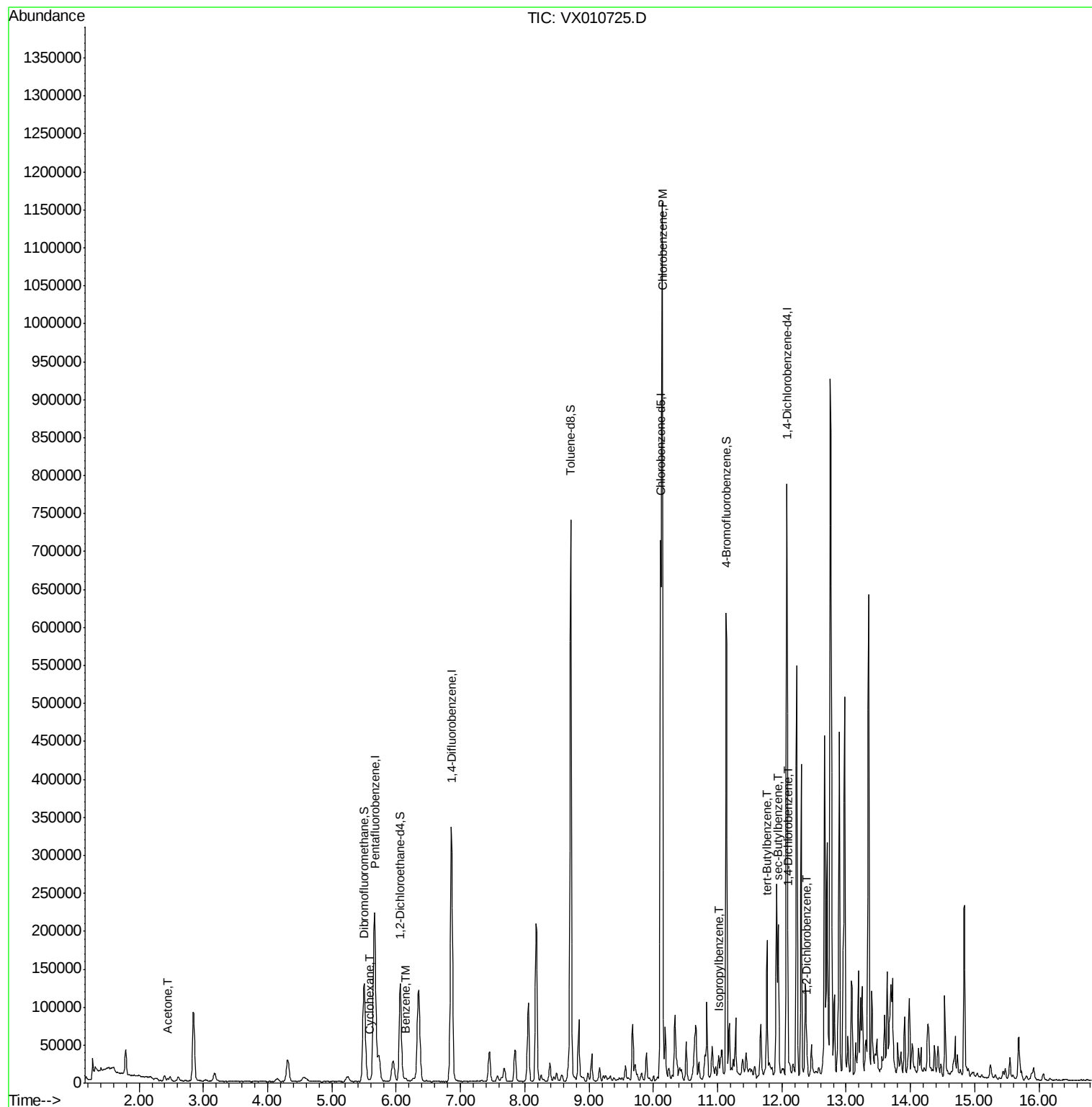
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3540	3.267	ug/l #	78
31) Cyclohexane	5.58	56	1600	0.512	ug/l	86
40) Benzene	6.14	78	4115	0.458	ug/l	92
65) Chlorobenzene	10.14	112	534841	78.004	ug/l	98
73) Isopropylbenzene	11.02	105	13956	1.231	ug/l	98
83) tert-Butylbenzene	11.77	119	68409	7.291	ug/l	91
85) sec-Butylbenzene	11.94	105	100788	9.149	ug/l #	55
88) 1,4-Dichlorobenzene	12.10	146	9014	1.602	ug/l #	78
91) 1,2-Dichlorobenzene	12.39	146	4268	0.777	ug/l #	79

(#) = 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010725.D

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Instrument :

MSVOA_X

ClientSampleId :

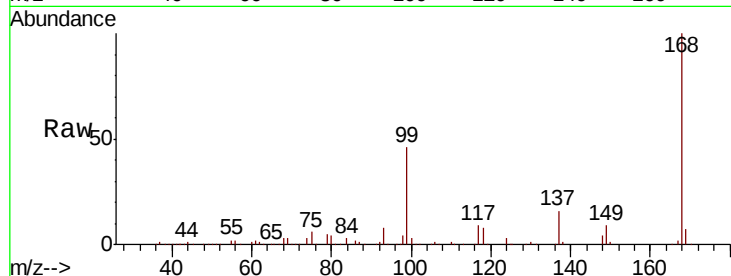
SS038MW103-190703

Tgt Ion:168 Resp: 230618

Ion Ratio Lower Upper

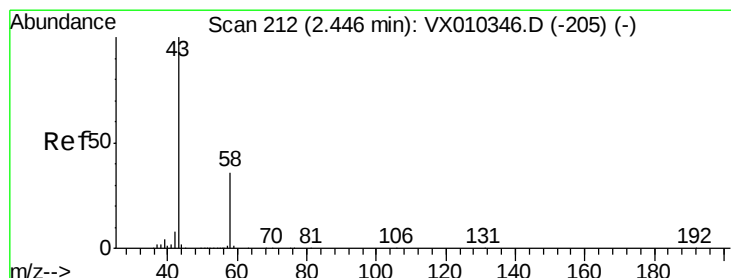
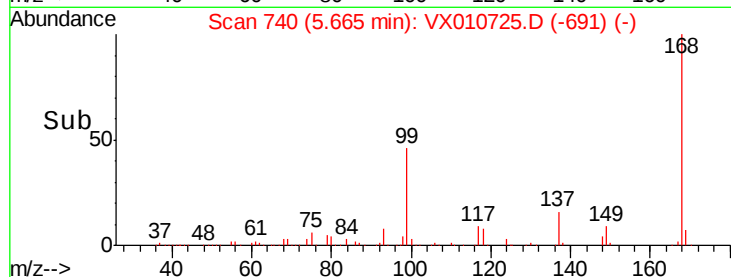
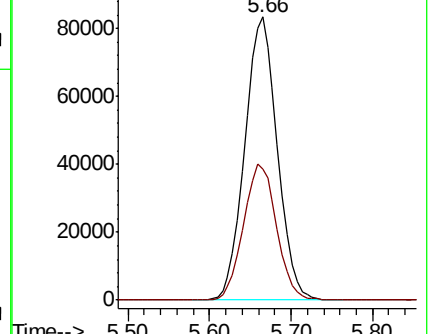
168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.267 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010725.D

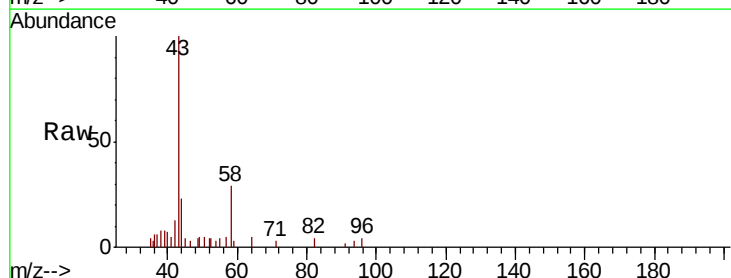
Acq: 09 Jul 2019 03:30

Tgt Ion: 43 Resp: 3540

Ion Ratio Lower Upper

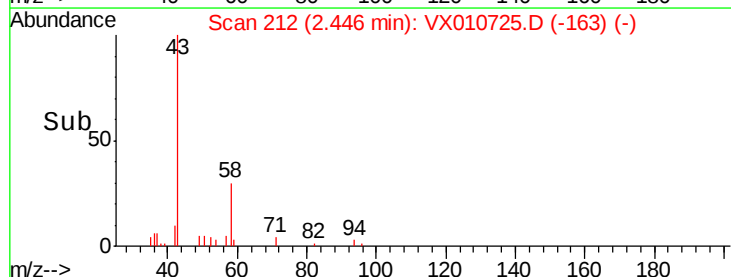
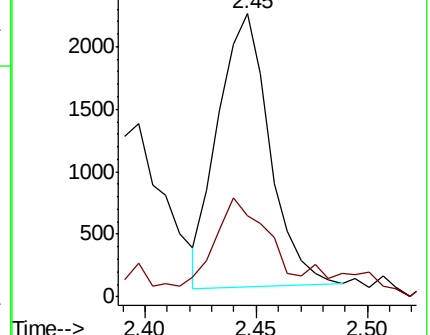
43 100

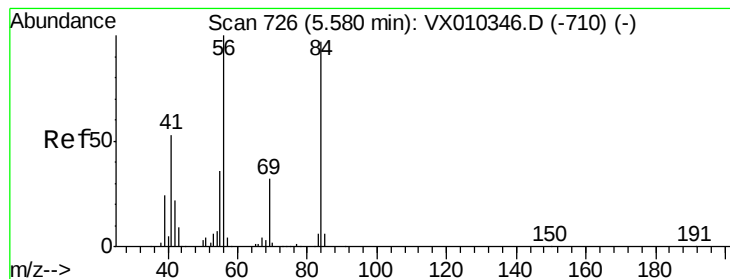
58 22.9 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 0.512 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

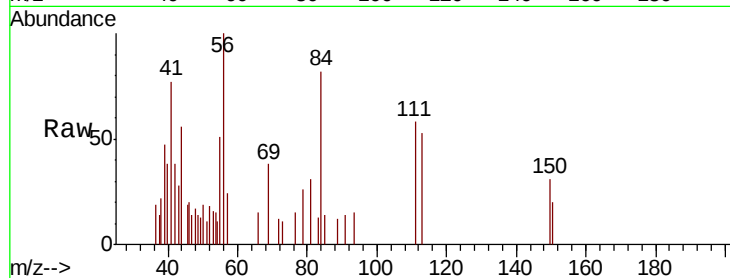
Tgt Ion: 56 Resp: 1600

Ion Ratio Lower Upper

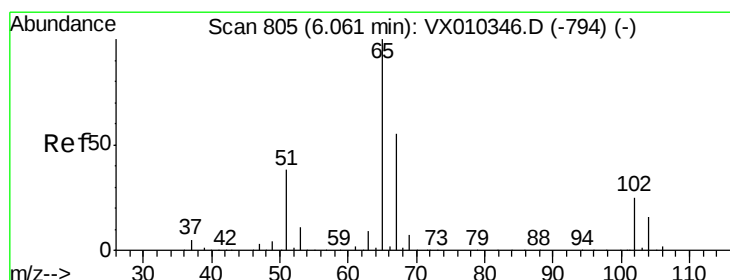
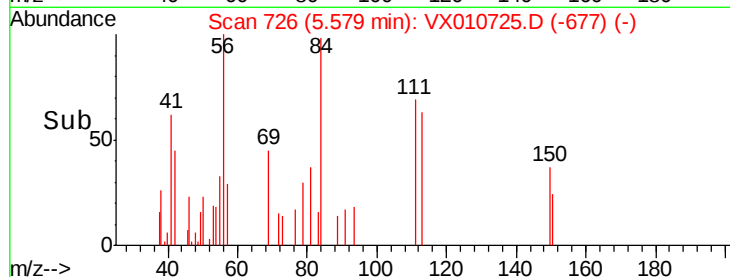
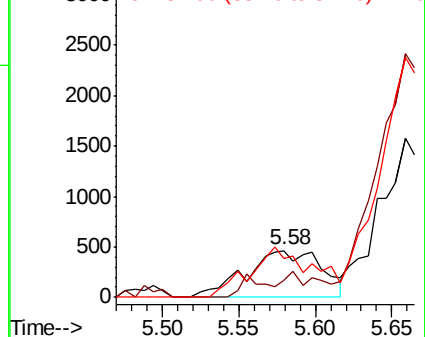
56 100

69 37.8 25.9 38.9

84 82.0 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.118 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010725.D

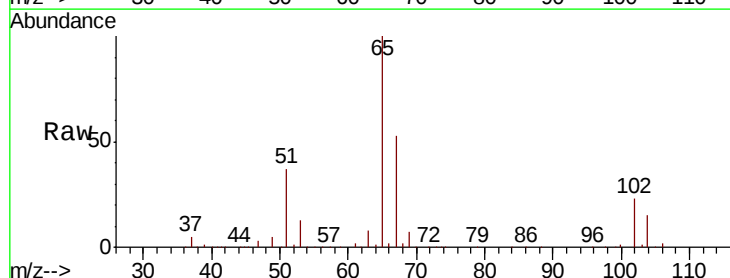
Acq: 09 Jul 2019 03:30

Tgt Ion: 65 Resp: 117018

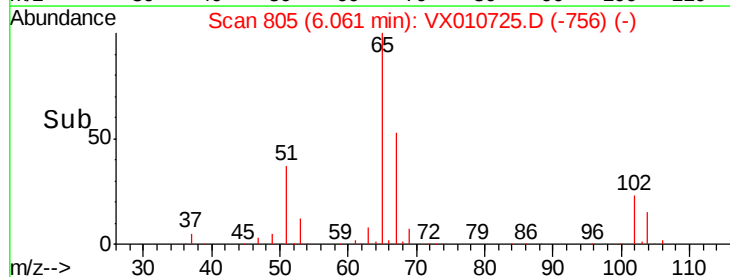
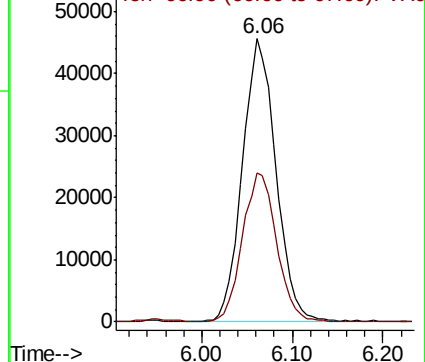
Ion Ratio Lower Upper

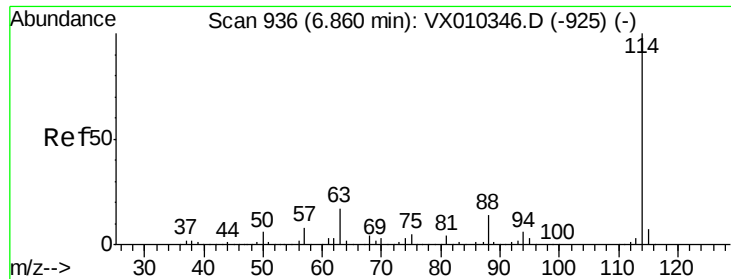
65 100

67 53.3 0.0 110.2



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

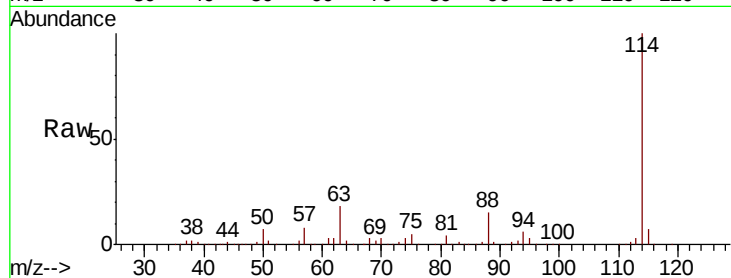




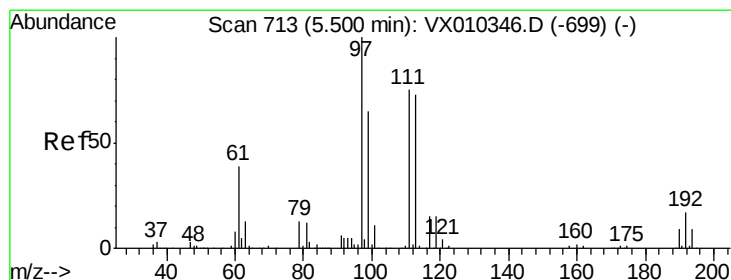
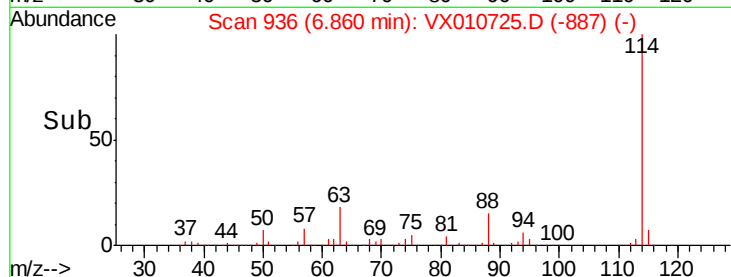
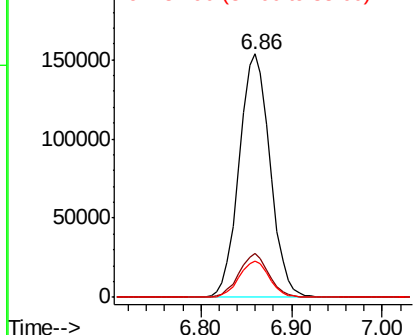
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Tgt Ion:114 Resp: 362541
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 14.9 0.0 27.6

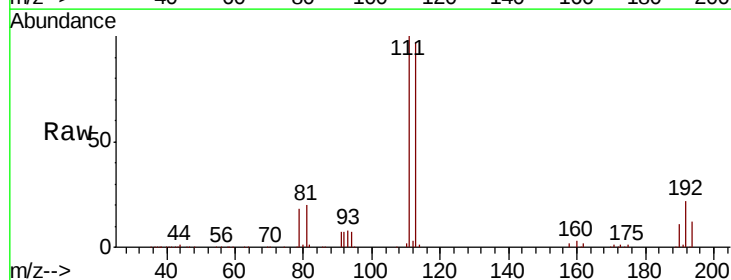


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

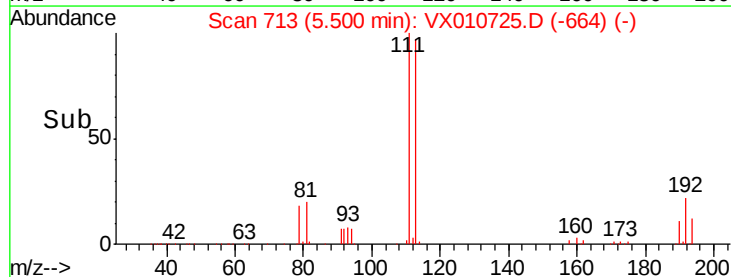
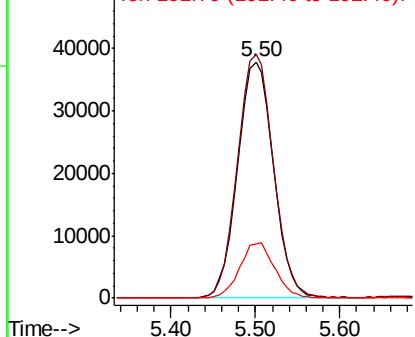


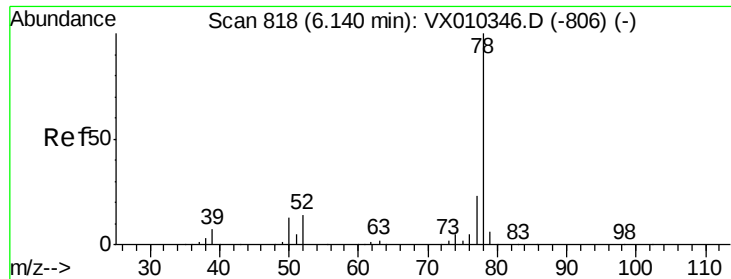
#35
 Dibromofluoromethane
 Concen: 49.342 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion:113 Resp: 109449
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.2 121.8
 192 22.8 18.6 27.8



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

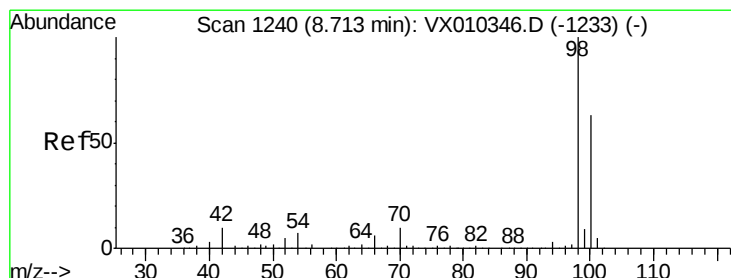
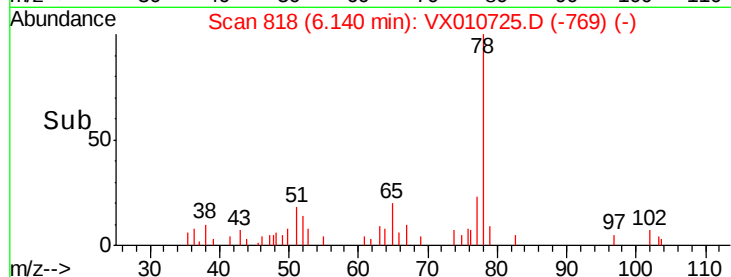
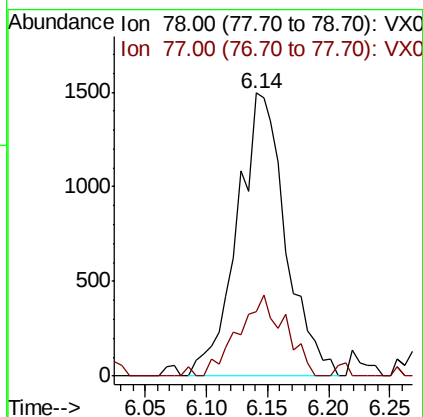
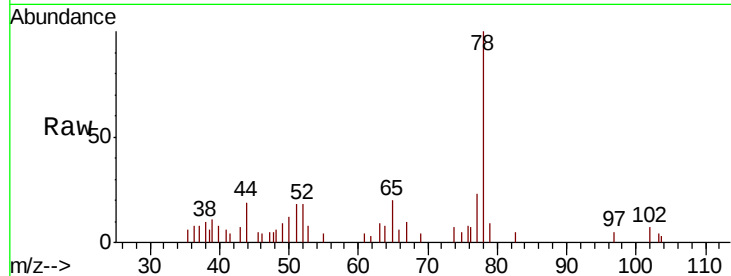




#40
Benzene
Concen: 0.458 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

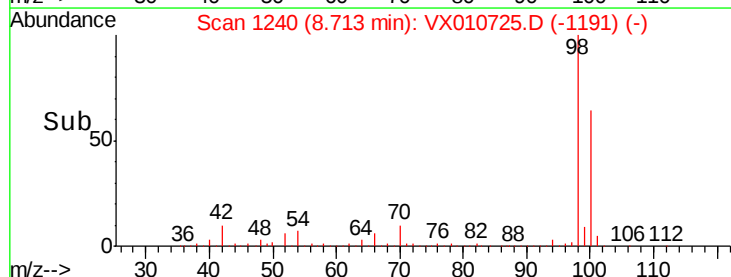
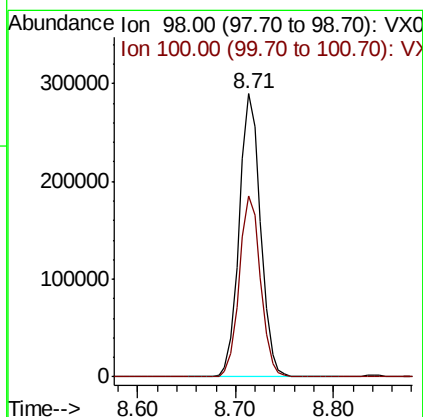
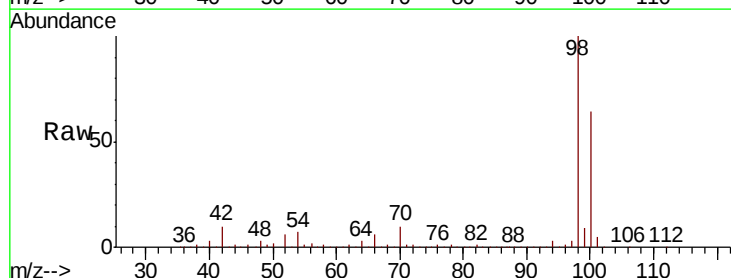
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

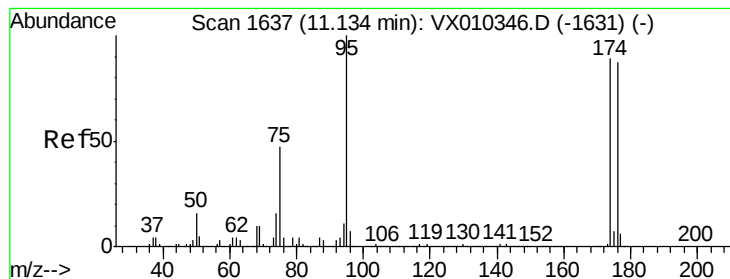
Tgt Ion: 78 Resp: 4115
Ion Ratio Lower Upper
78 100
77 19.5 18.6 28.0



#50
Toluene-d8
Concen: 51.718 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 98 Resp: 438894
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 49.921 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

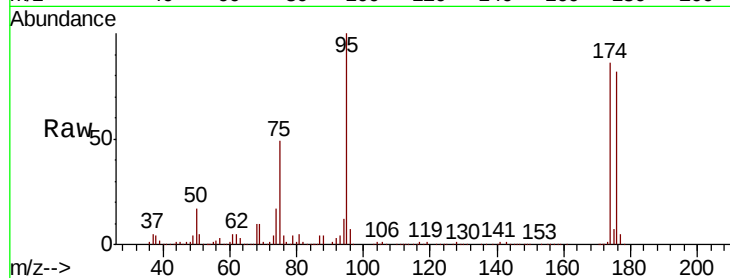
Tgt Ion: 95 Resp: 152946

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

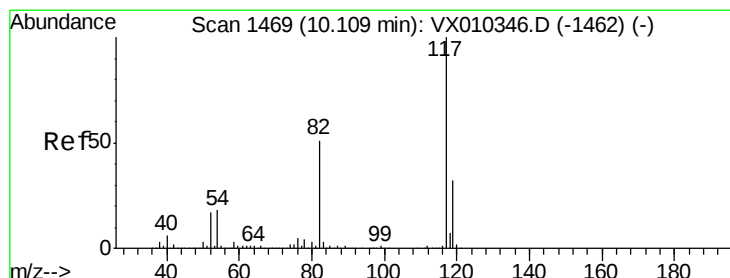
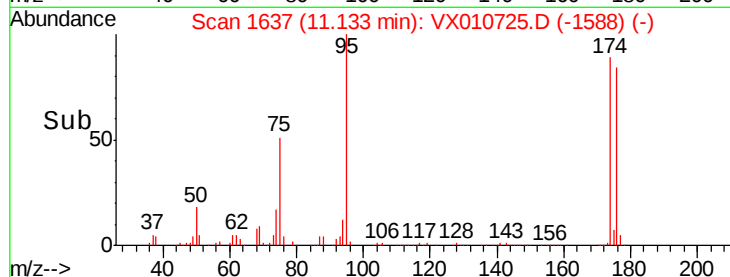
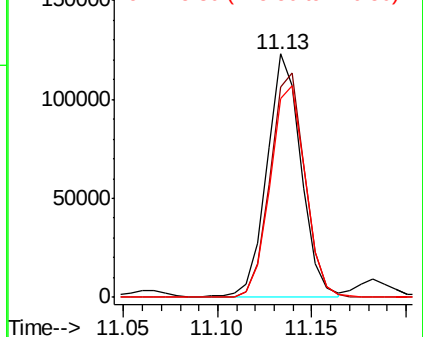
176 90.7 0.0 184.0



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

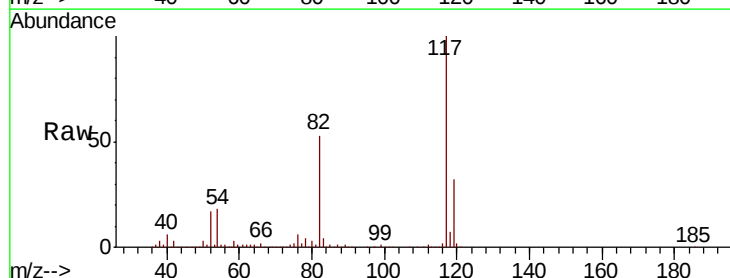
Tgt Ion: 117 Resp: 337733

Ion Ratio Lower Upper

117 100

82 52.6 41.2 61.8

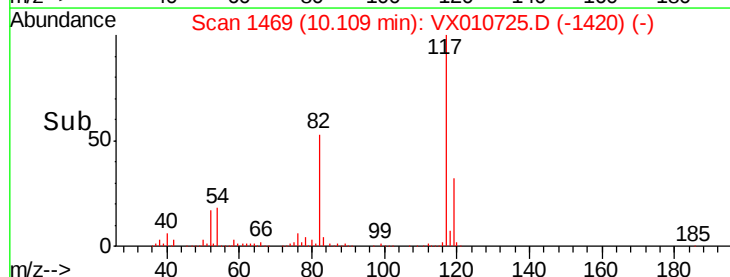
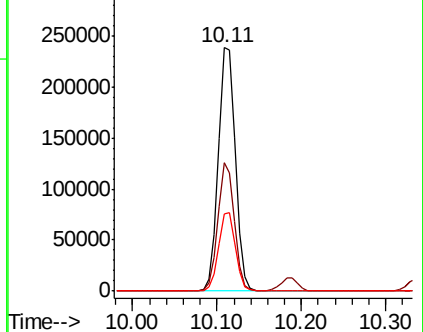
119 31.9 25.5 38.3

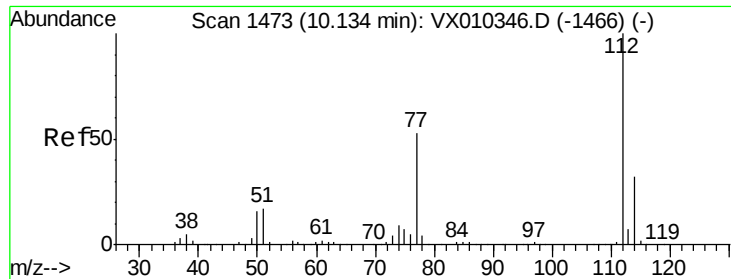


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

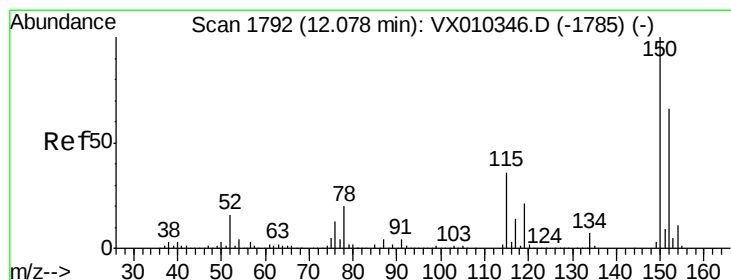
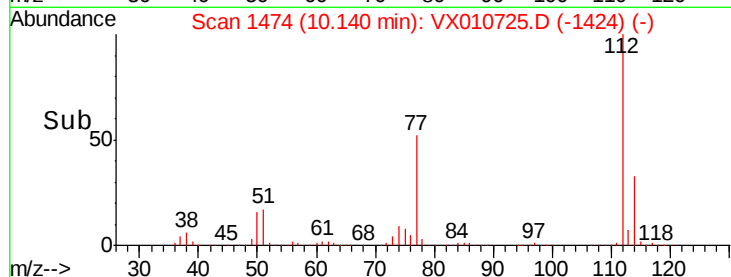
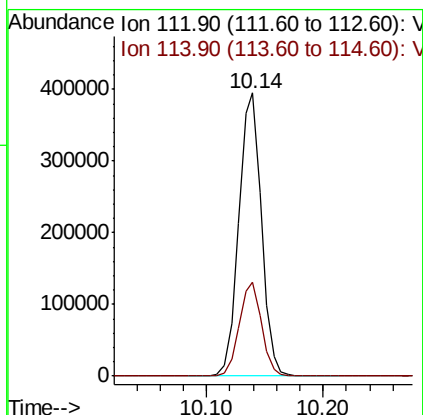
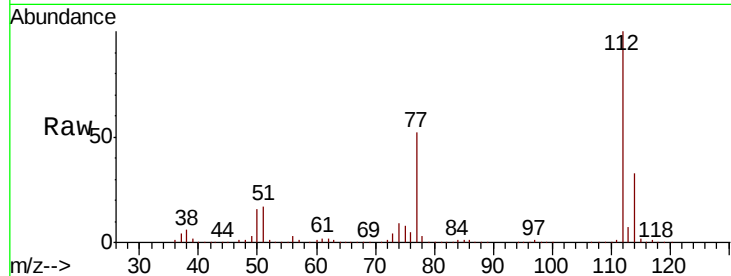




#65
Chlorobenzene
Concen: 78.004 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

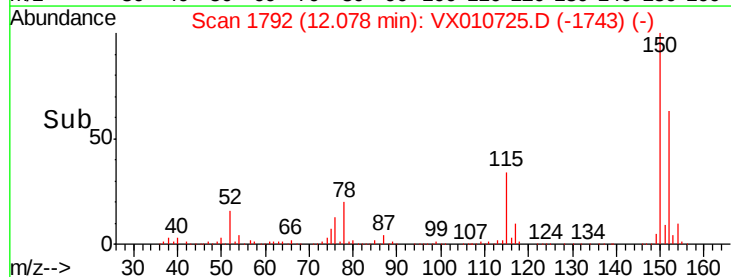
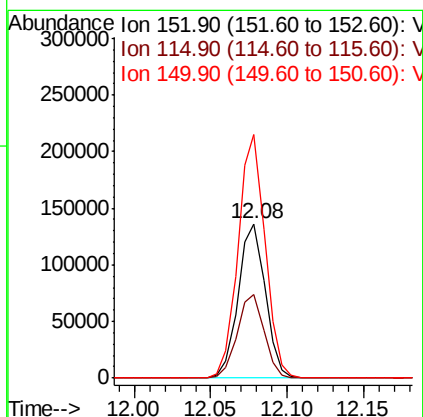
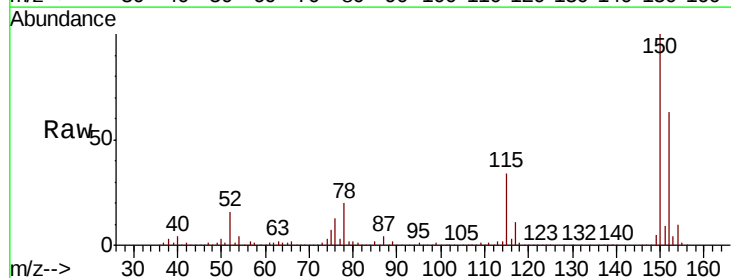
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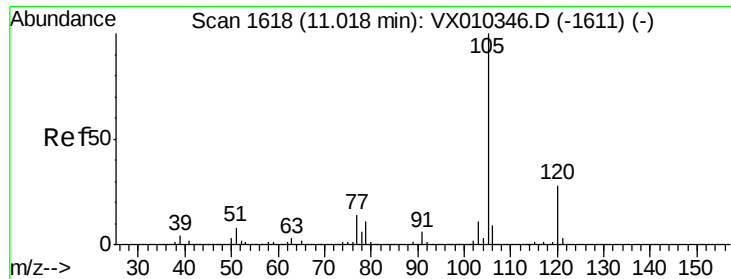
Tgt Ion:112 Resp: 534841
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion:152 Resp: 167288
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.8 0.0 347.4





#73

Isopropylbenzene

Concen: 1.231 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

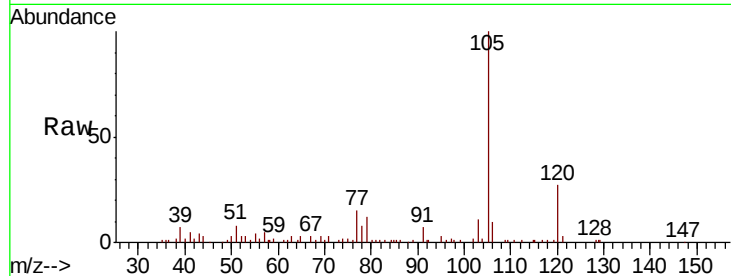
SS038MW103-190703

Tgt Ion:105 Resp: 13956

Ion Ratio Lower Upper

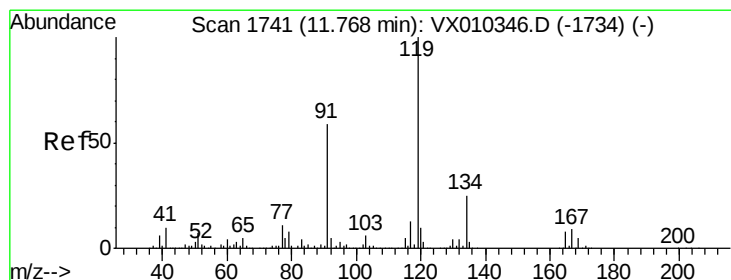
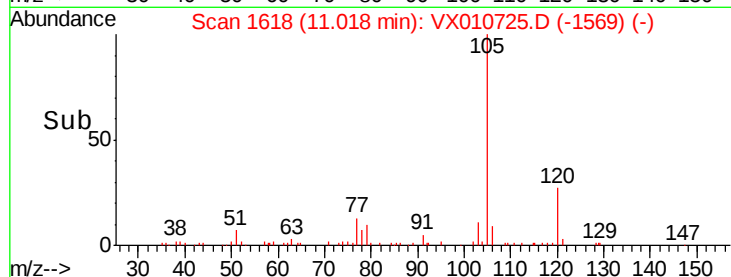
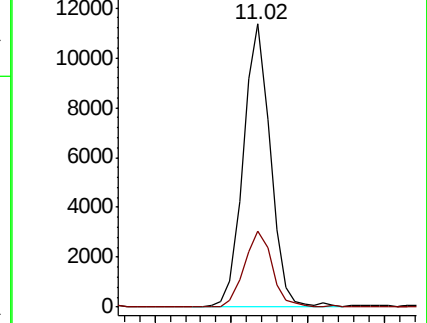
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 7.291 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

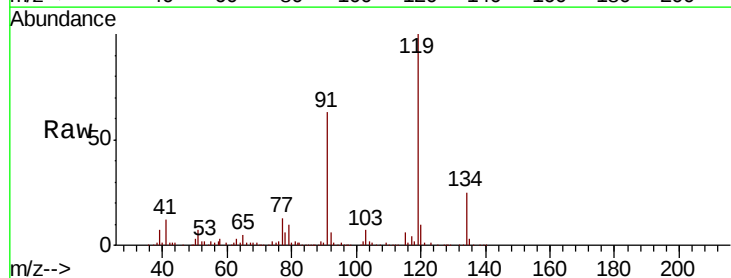
Tgt Ion:119 Resp: 68409

Ion Ratio Lower Upper

119 100

91 63.4 27.6 82.7

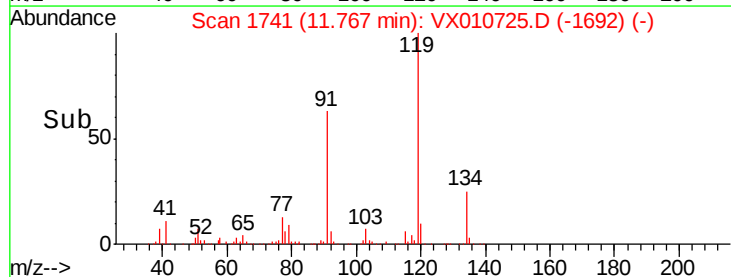
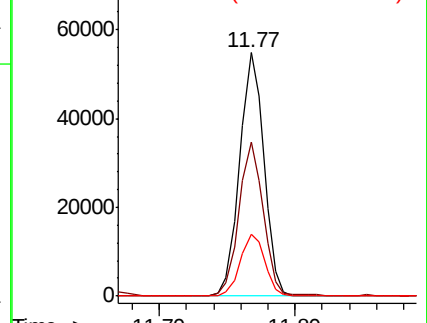
134 25.8 11.8 35.4

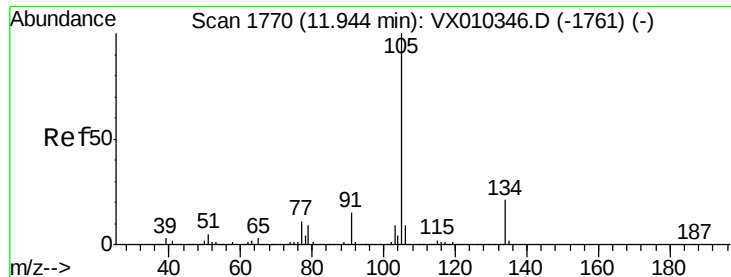


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 9.149 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

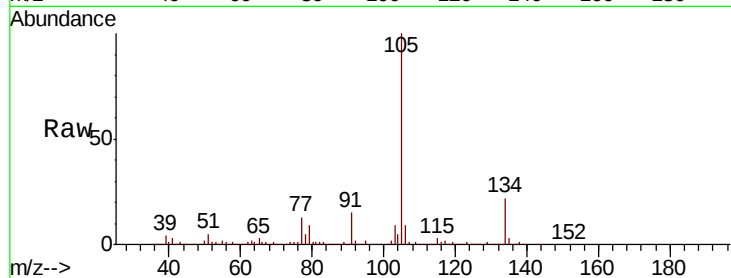
SS038MW103-190703

Tgt Ion:105 Resp: 100788

Ion Ratio Lower Upper

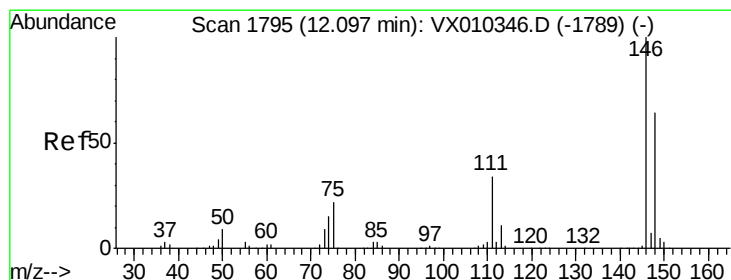
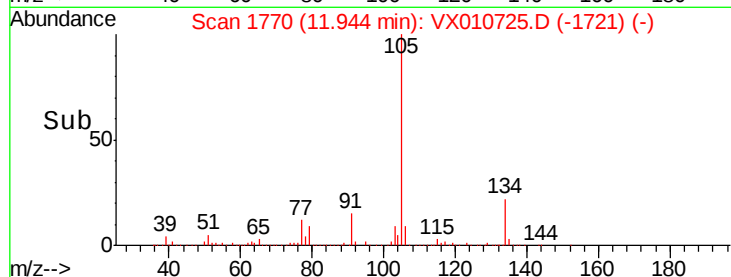
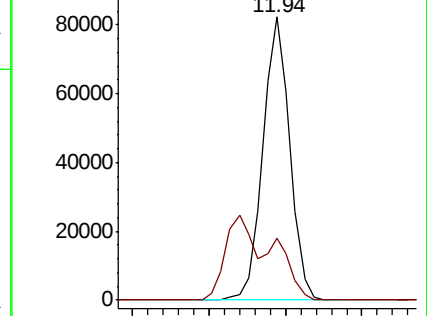
105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#88

1,4-Dichlorobenzene

Concen: 1.602 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

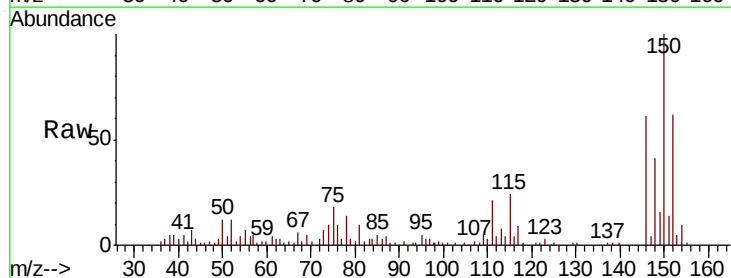
Tgt Ion:146 Resp: 9014

Ion Ratio Lower Upper

146 100

111 61.3 18.1 54.3#

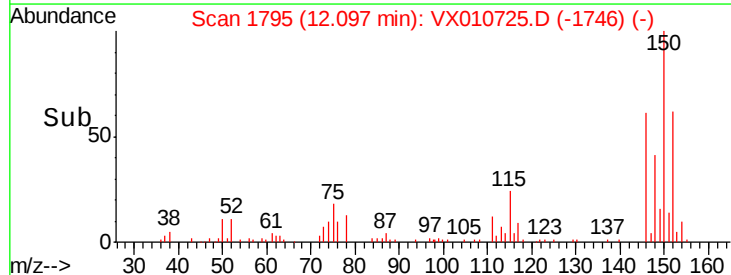
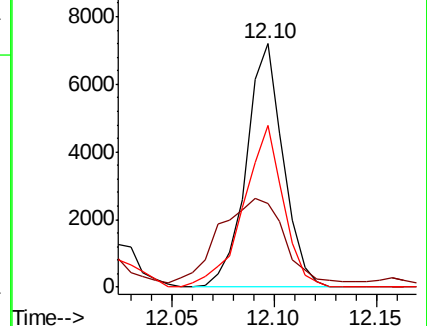
148 71.9 32.1 96.3

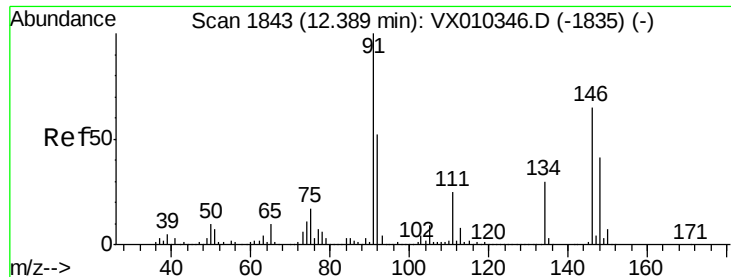


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

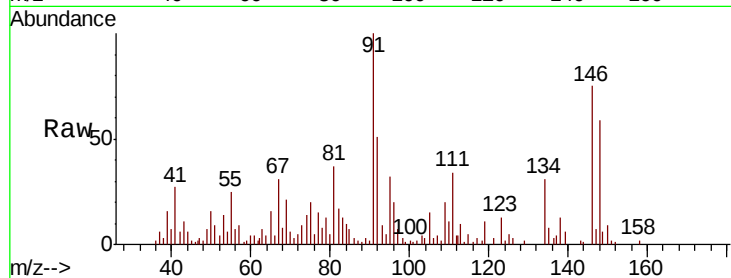




#91
 1,2-Dichlorobenzene
 Concen: 0.777 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Tgt Ion:146 Resp: 4268
 Ion Ratio Lower Upper
 146 100
 111 59.8 19.2 57.6#
 148 73.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

