

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010692.D
 Acq On : 08 Jul 2019 13:52
 Operator : JC/SP
 Sample : K3669-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701DL

Quant Time: Jul 09 01:39:45 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

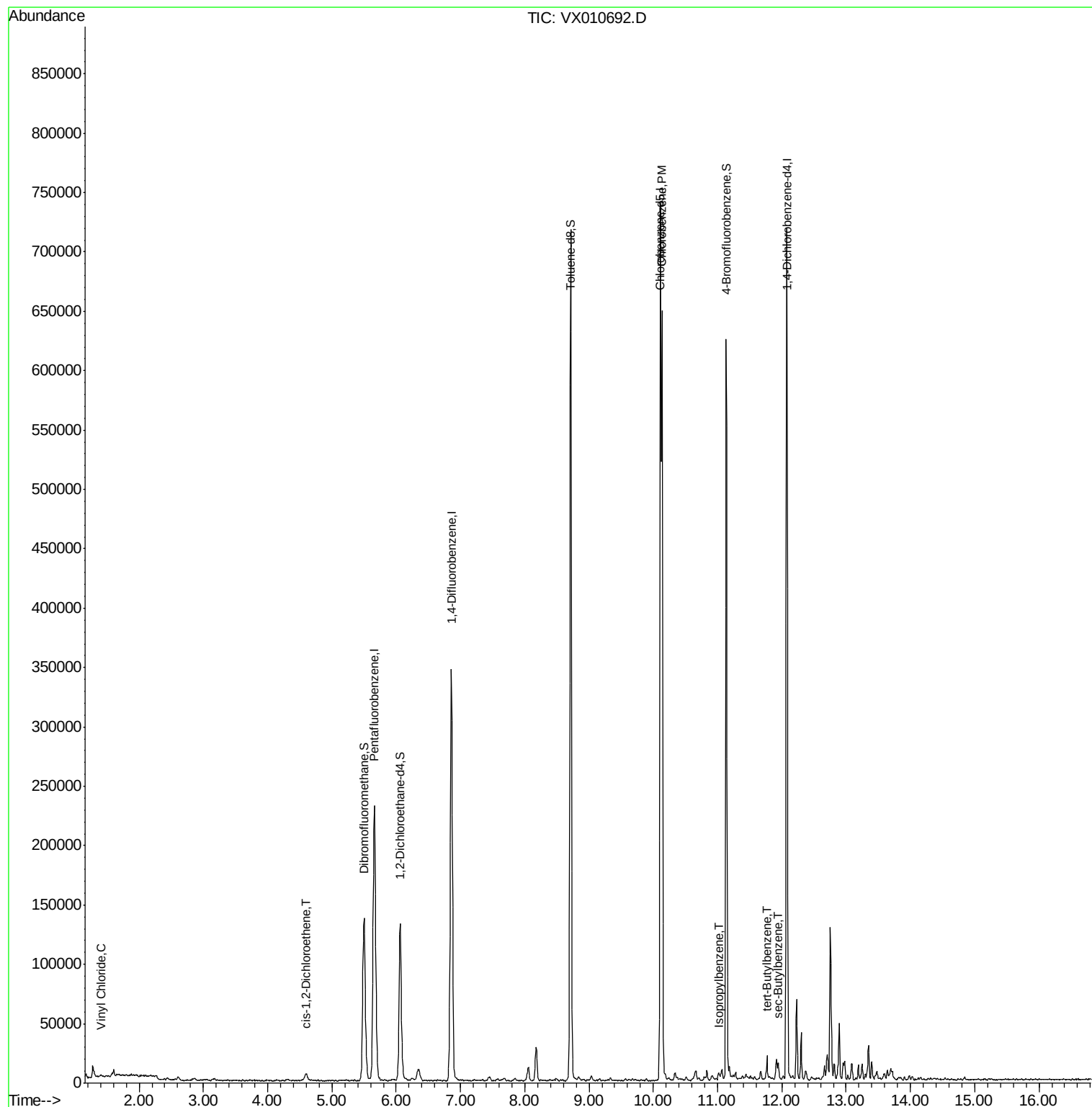
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120597	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	5.50	113	115367	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	8.71	98	441330	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	152333	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1466	0.687	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4041	1.558	ug/l	95
65) Chlorobenzene	10.13	112	287127	41.417	ug/l	97
73) Isopropylbenzene	11.02	105	3249	0.303	ug/l	95
83) tert-Butylbenzene	11.77	119	7018	0.792	ug/l	83
85) sec-Butylbenzene	11.94	105	6635	0.637	ug/l	95

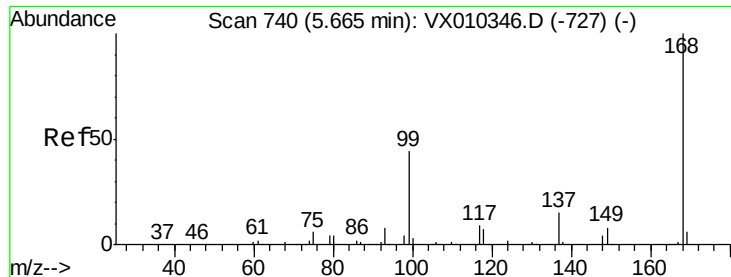
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010692.D

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Instrument :

MSVOA_X

ClientSampleId :

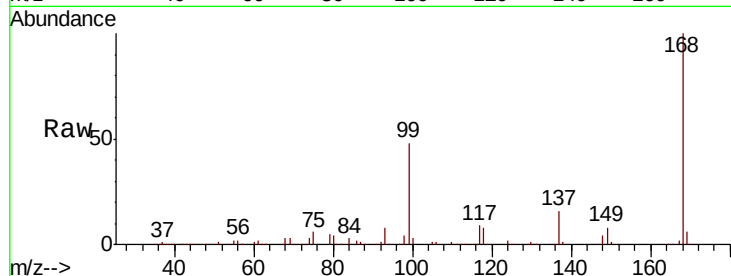
SS037MW036-190701DL

Tgt Ion:168 Resp: 240824

Ion Ratio Lower Upper

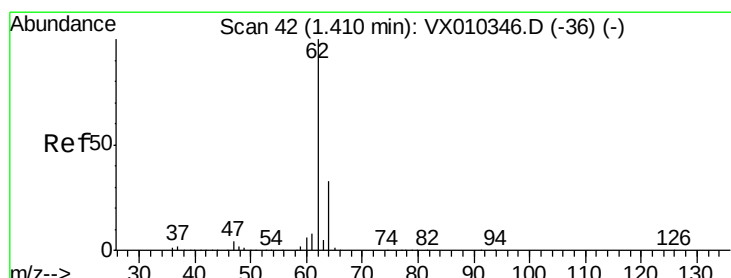
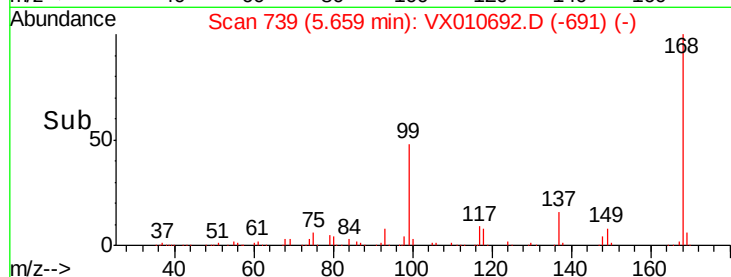
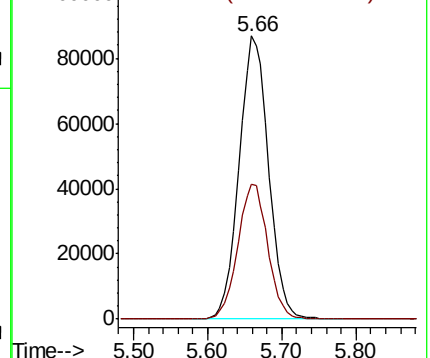
168 100

99 47.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.687 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010692.D

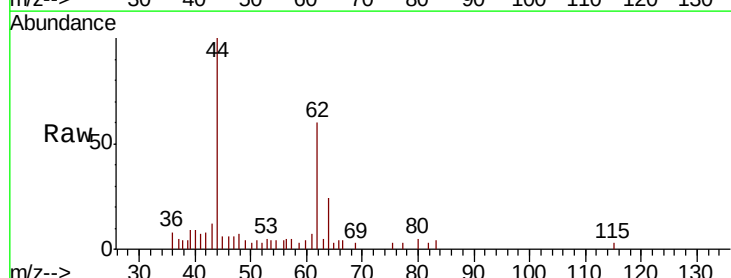
Acq: 08 Jul 2019 13:52

Tgt Ion: 62 Resp: 1466

Ion Ratio Lower Upper

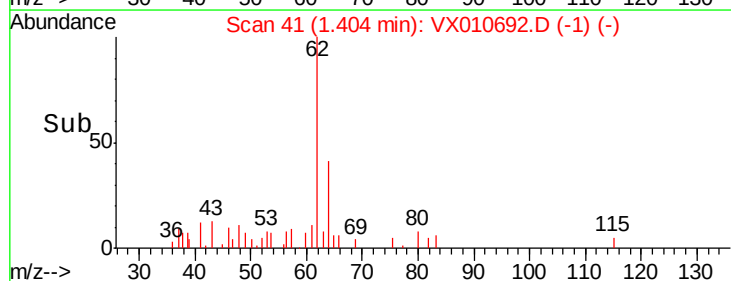
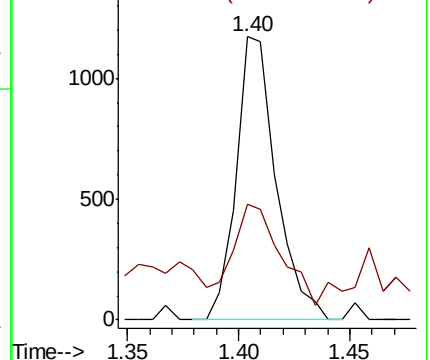
62 100

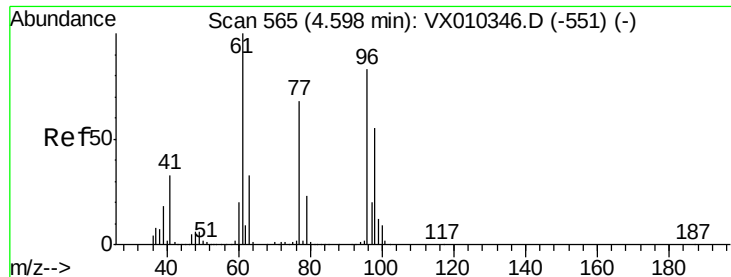
64 30.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



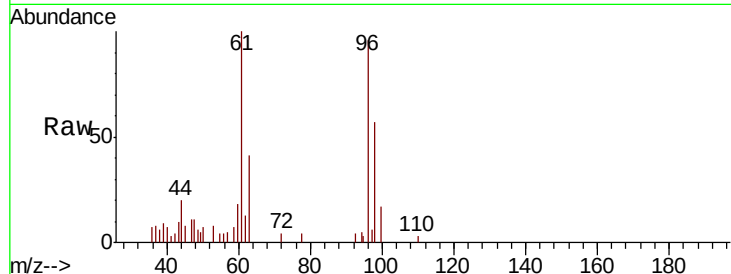


#27

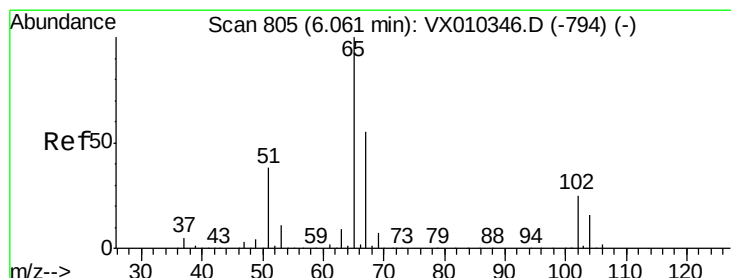
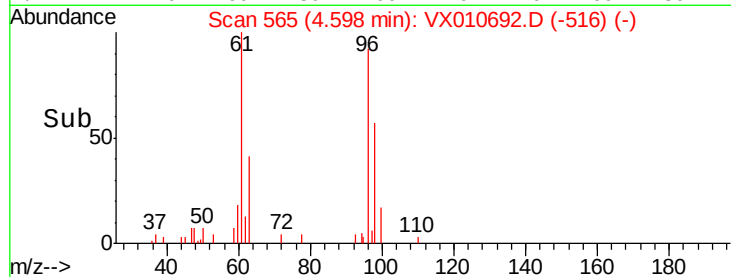
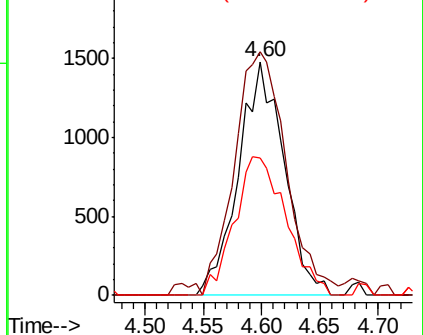
cis-1,2-Dichloroethene
Concen: 1.558 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701DL

Tgt Ion: 96 Resp: 4041
Ion Ratio Lower Upper
96 100
61 119.1 0.0 251.8
98 67.0 0.0 129.4



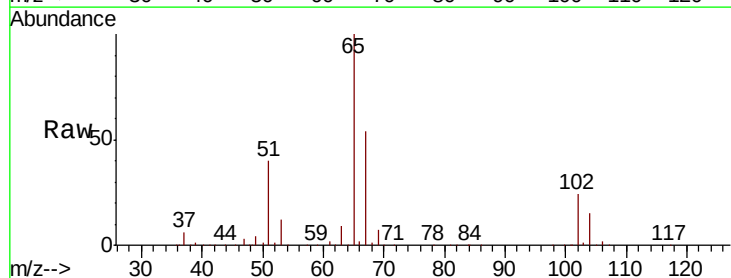
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



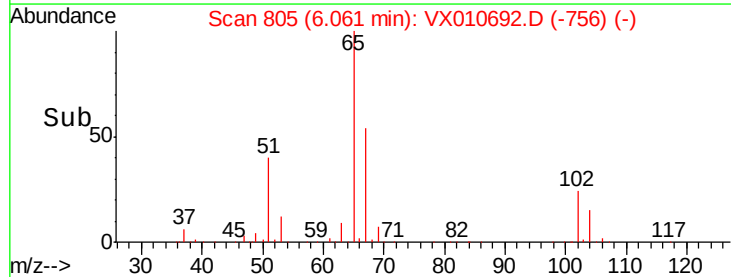
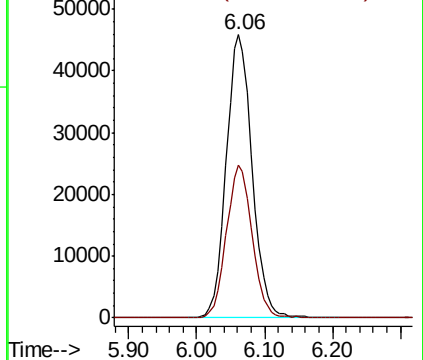
#33

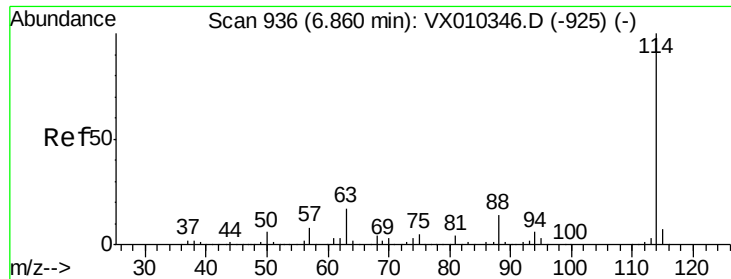
1,2-Dichloroethane-d4
Concen: 53.410 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Tgt Ion: 65 Resp: 120597
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2



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

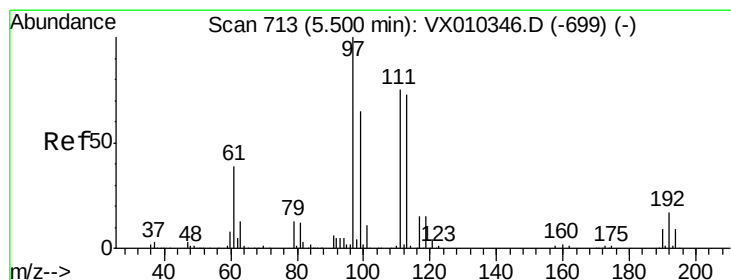
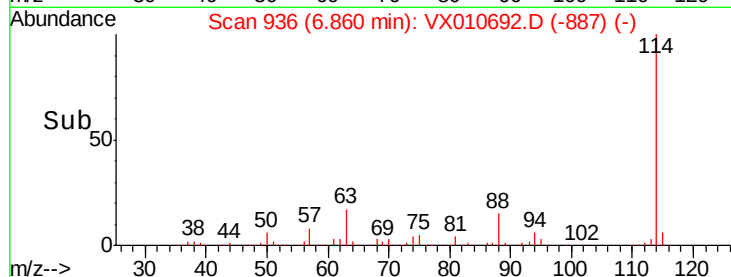
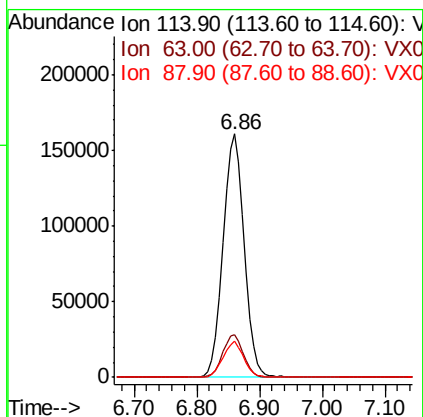
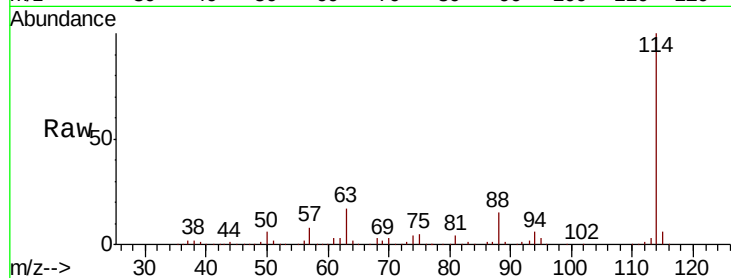




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010692.D
 Acq: 08 Jul 2019 13:52

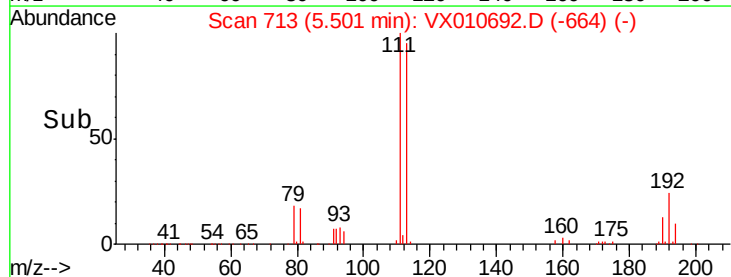
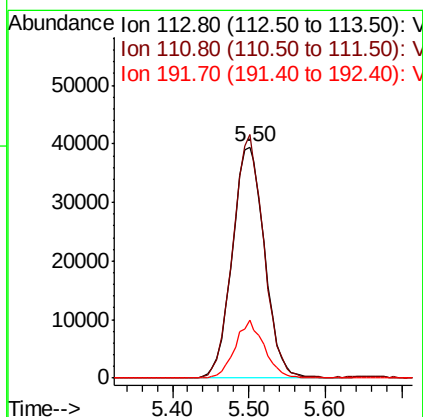
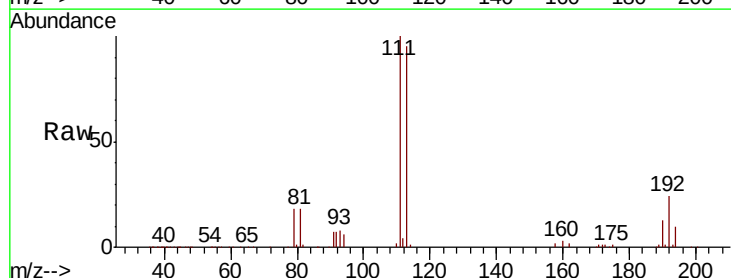
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW036-190701DL

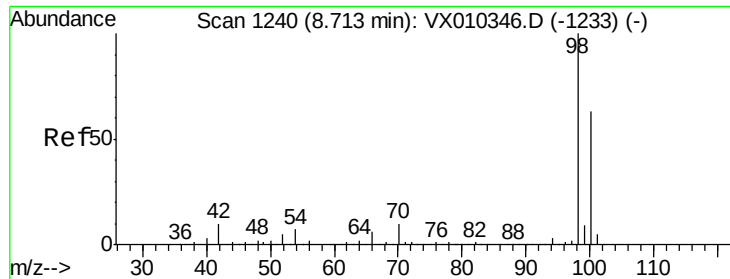
Tgt Ion:114 Resp: 373883
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 14.7 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.433 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010692.D
 Acq: 08 Jul 2019 13:52

Tgt Ion:113 Resp: 115367
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.2 121.8
 192 22.6 18.6 27.8

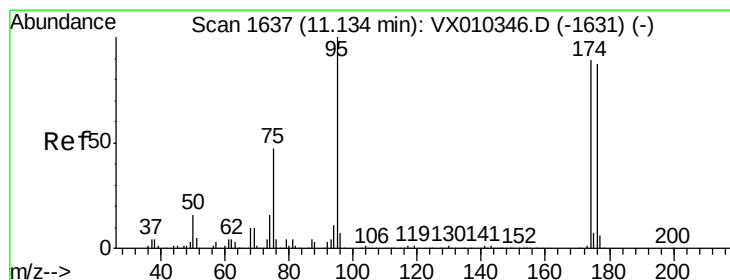
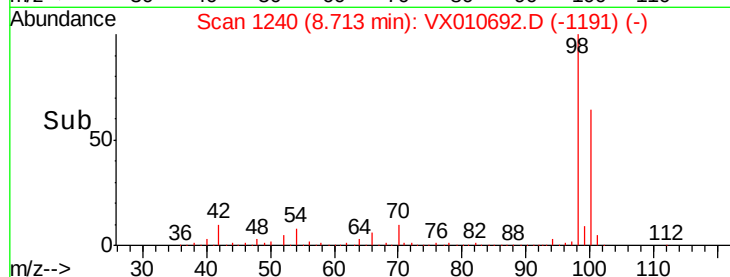
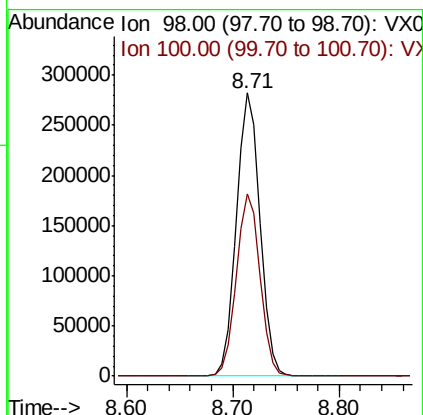
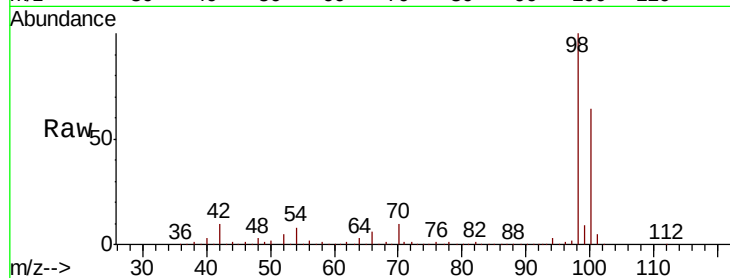




#50
Toluene-d8
Concen: 50.428 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

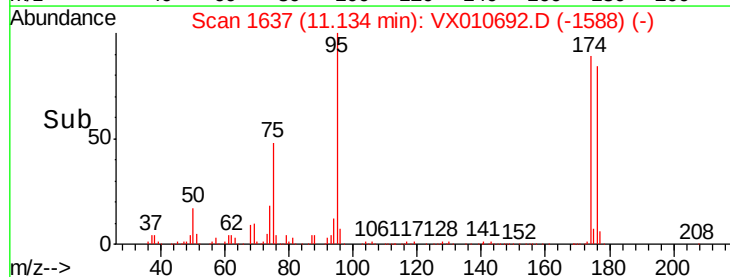
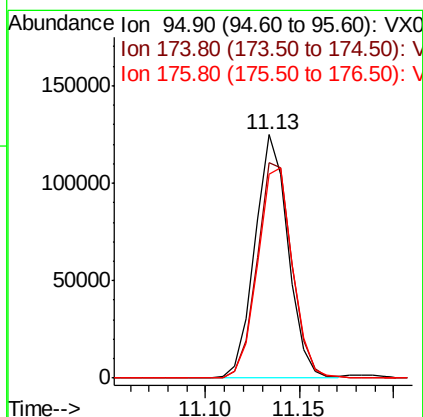
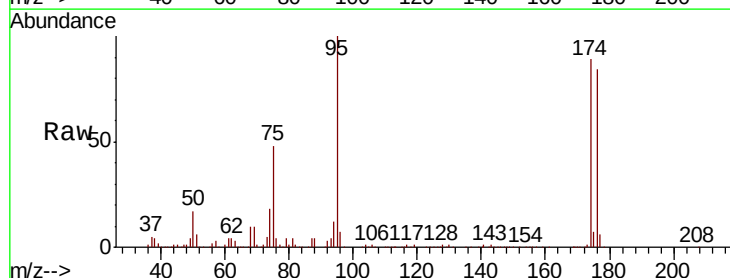
Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701DL

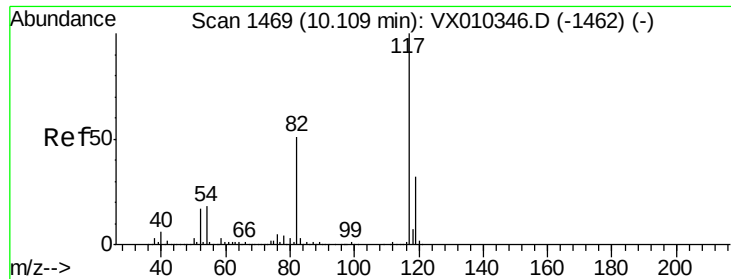
Tgt Ion: 98 Resp: 441330
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.212 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Tgt Ion: 95 Resp: 152333
Ion Ratio Lower Upper
95 100
174 93.5 0.0 187.6
176 91.0 0.0 184.0

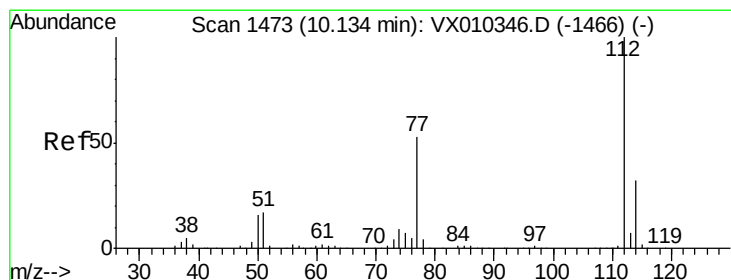
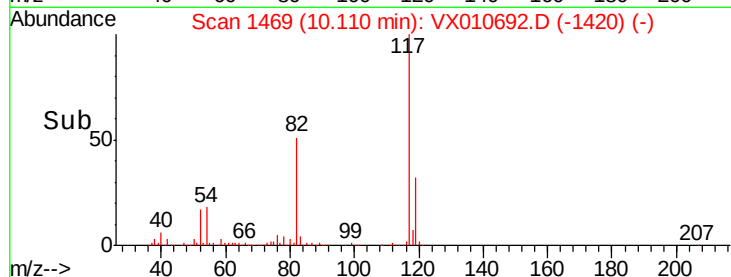
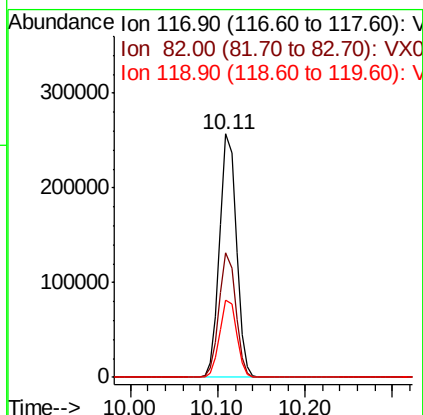
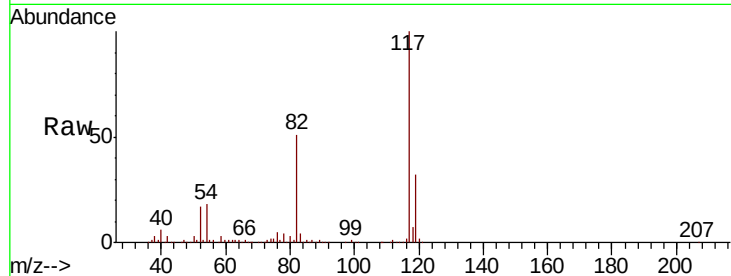




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

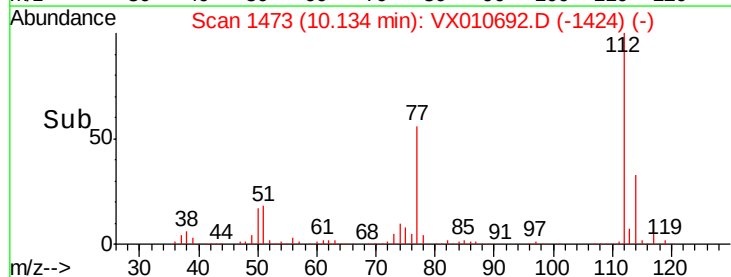
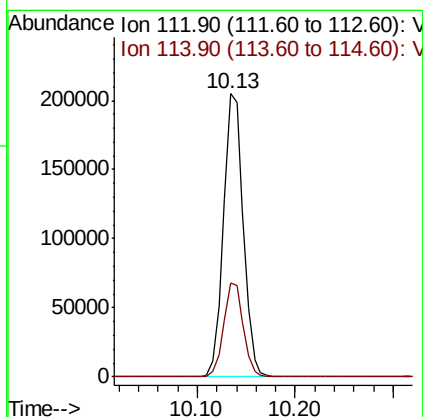
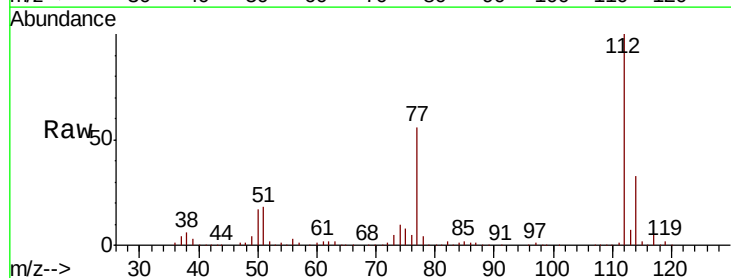
Instrument :
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ClientSampleId :
SS037MW036-190701DL

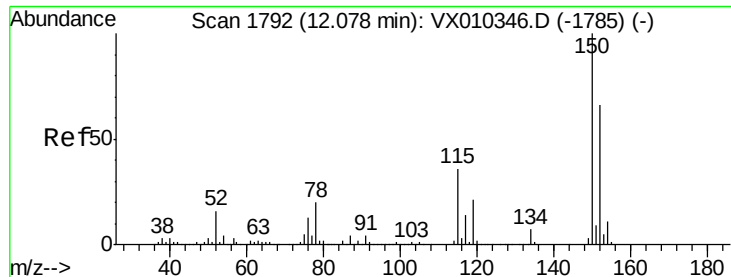
Tgt Ion:117 Resp: 341475
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 31.5 25.5 38.3



#65
Chlorobenzene
Concen: 41.417 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Tgt Ion:112 Resp: 287127
Ion Ratio Lower Upper
112 100
114 33.3 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: VX010692.D

Acq: 08 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW036-190701DL

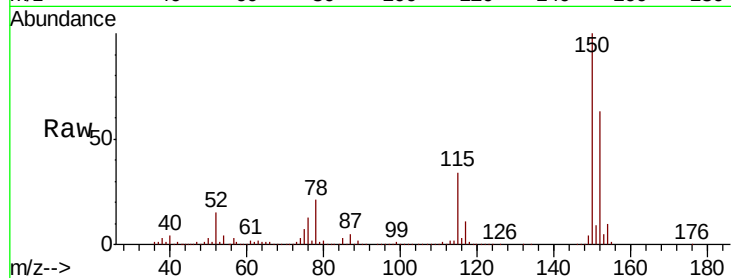
Tgt Ion:152 Resp: 158053

Ion Ratio Lower Upper

152 100

115 55.9 38.6 115.7

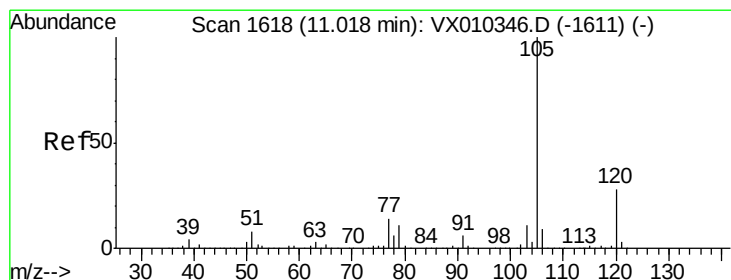
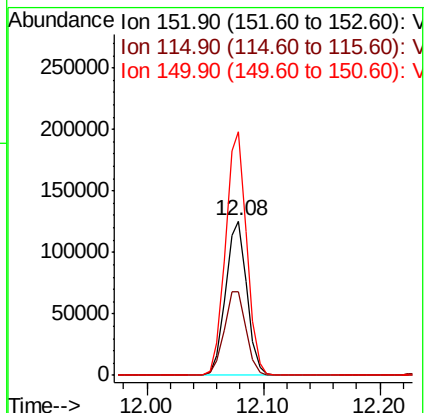
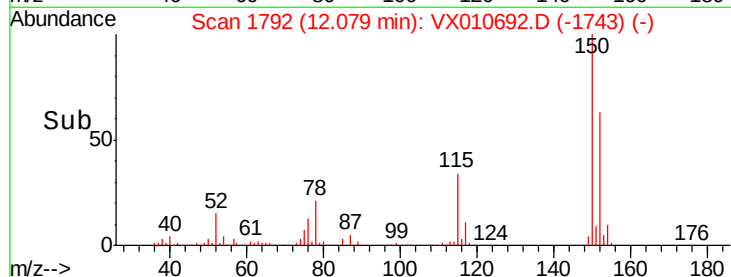
150 157.3 0.0 347.4



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



#73

Isopropylbenzene

Concen: 0.303 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010692.D

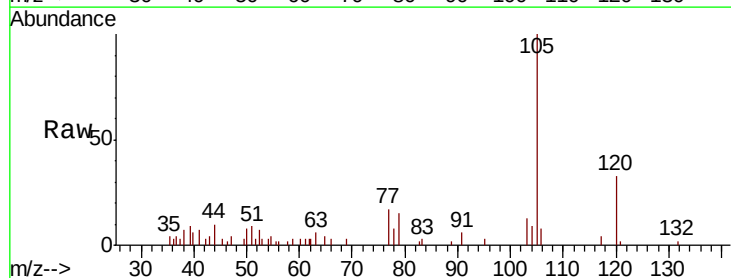
Acq: 08 Jul 2019 13:52

Tgt Ion:105 Resp: 3249

Ion Ratio Lower Upper

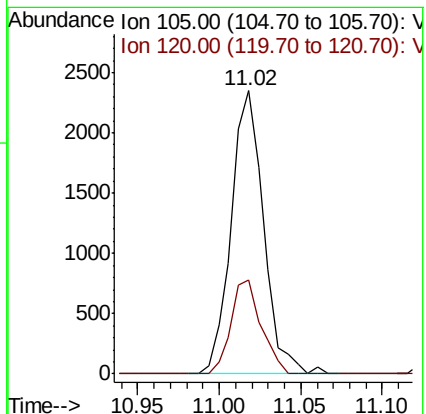
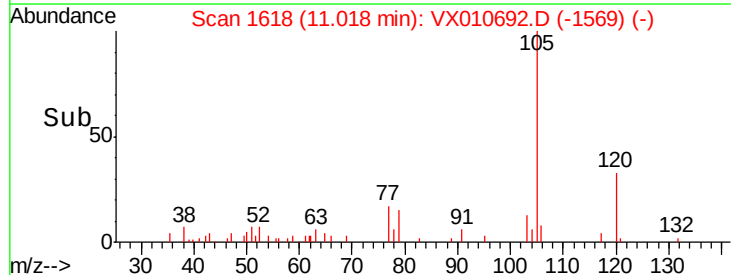
105 100

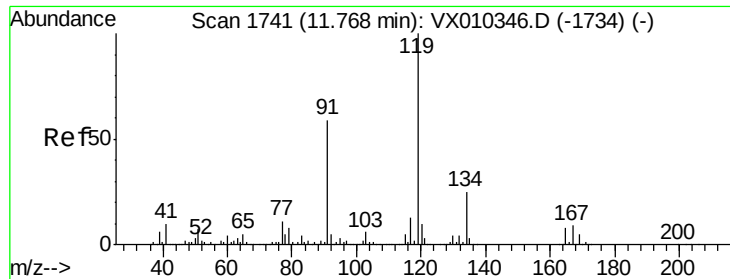
120 30.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

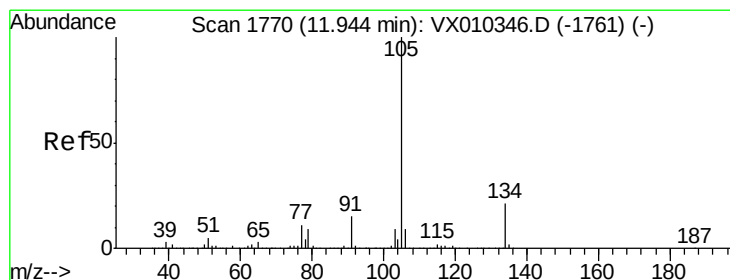
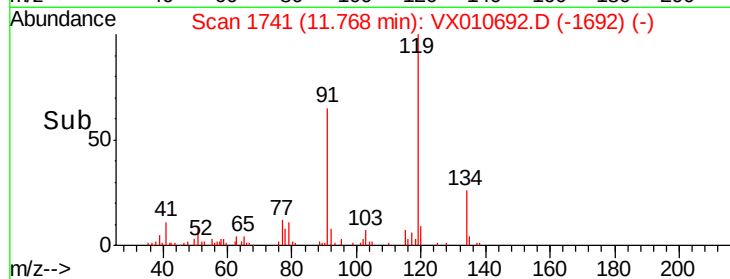
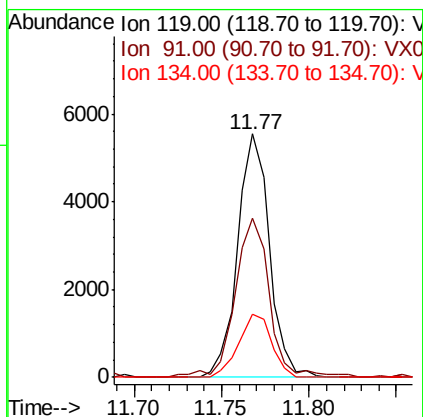
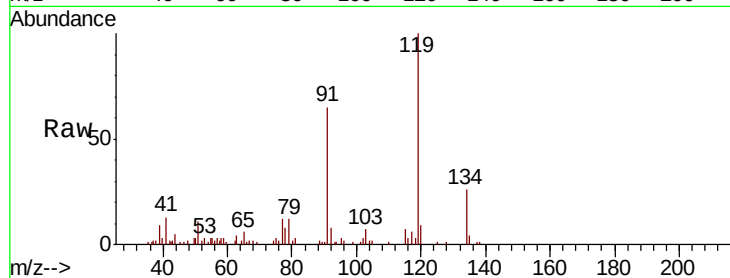




#83
tert-Butylbenzene
Concen: 0.792 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
SS037MW036-190701DL

Tgt Ion:119 Resp: 7018
Ion Ratio Lower Upper
119 100
91 70.4 27.6 82.7
134 26.6 11.8 35.4



#85
sec-Butylbenzene
Concen: 0.637 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010692.D
Acq: 08 Jul 2019 13:52

Tgt Ion:105 Resp: 6635
Ion Ratio Lower Upper
105 100
134 18.8 10.7 31.9

