

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010721.D
 Acq On : 09 Jul 2019 01:56
 Operator : JC/SP
 Sample : K3690-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190703

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:23:52 AM

Quant Time: Jul 09 09:23:56 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	5.67	168	221539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110137	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	5.50	113	104408	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	424036	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.13	95	147622	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	2984	5.490	ug/l #	74
16) Acetone	2.45	43	5568	5.349	ug/l #	87
31) Cyclohexane	5.59	56	2750	0.917	ug/l	93
65) Chlorobenzene	10.13	112	131381	20.050	ug/l	99
73) Isopropylbenzene	11.02	105	48188	4.396	ug/l	99
78) n-propylbenzene	11.36	91	3382	0.281	ug/l	99
83) tert-Butylbenzene	11.77	119	65309	7.200	ug/l	91
85) sec-Butylbenzene	11.94	105	136105	12.780	ug/l #	55
87) 1,3-Dichlorobenzene	12.02	146	3184	0.596	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	7516m	1.382	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	2177	0.410	ug/l	97

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

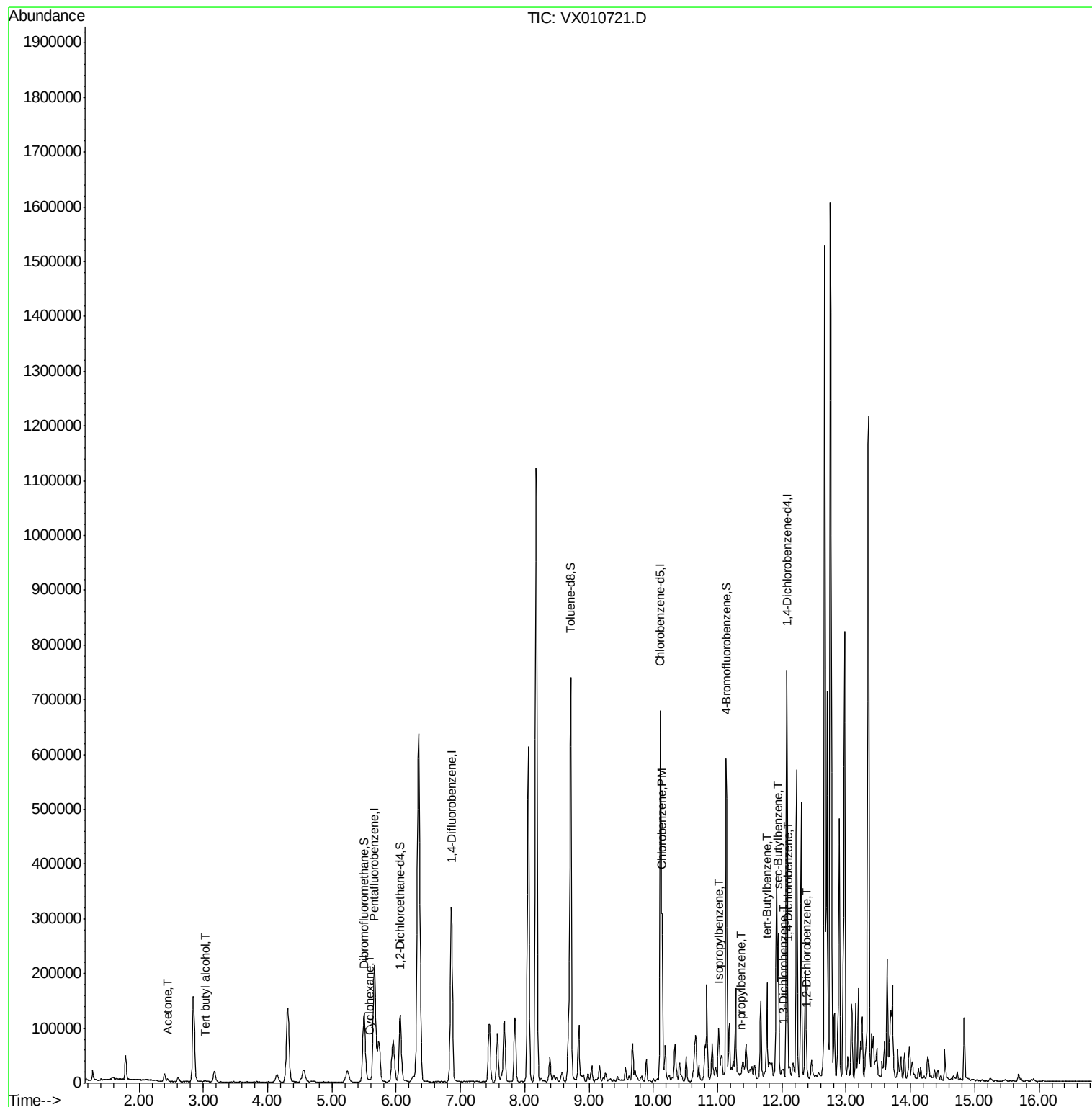
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010721.D
Acq On : 09 Jul 2019 01:56
Operator : JC/SP
Sample : K3690-01
Misc : 5.0mL/MSVOA_X/WATER
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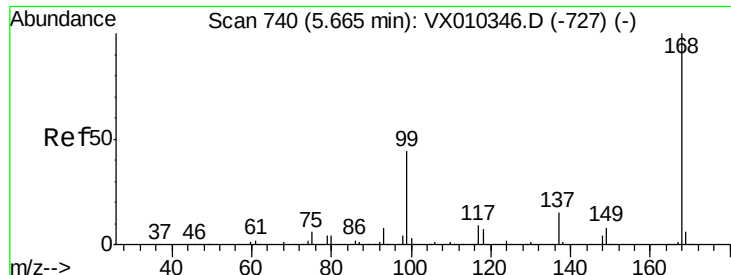
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190703

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Quant Time: Jul 09 09:23:56 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190703

Tgt Ion:168 Resp: 221539

Ion Ratio Lower Upper

168 100

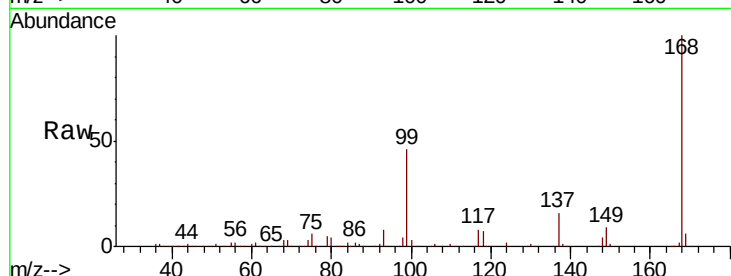
99 46.3 35.5 53.3

Manual Integrations

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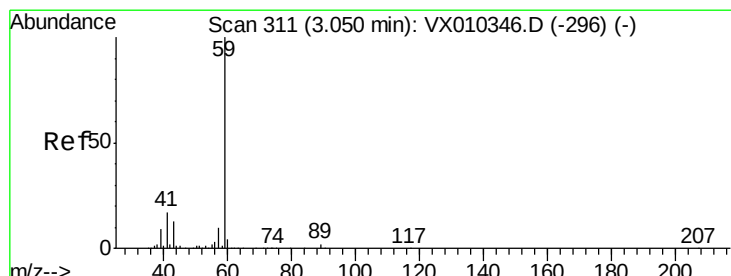
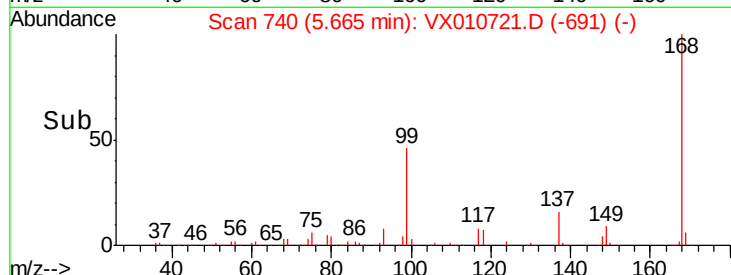
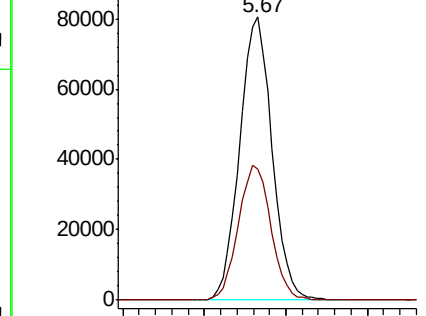
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.490 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010721.D

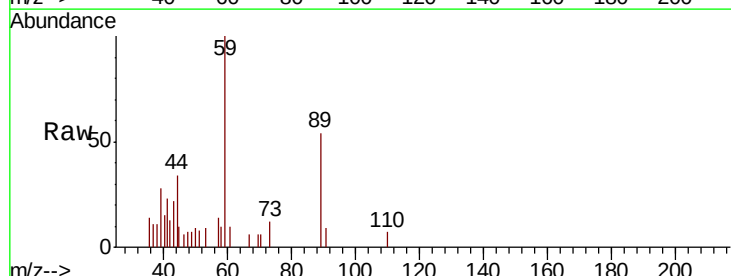
Acq: 09 Jul 2019 01:56

Tgt Ion: 59 Resp: 2984

Ion Ratio Lower Upper

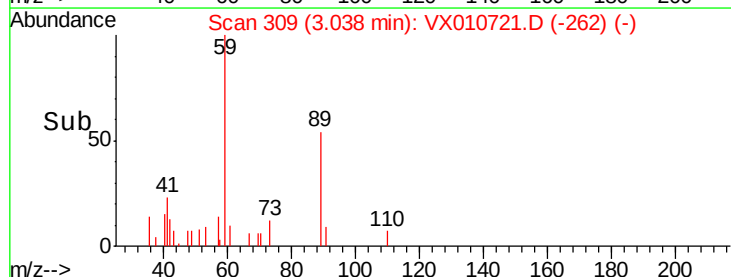
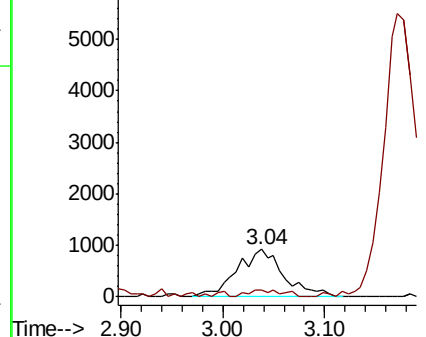
59 100

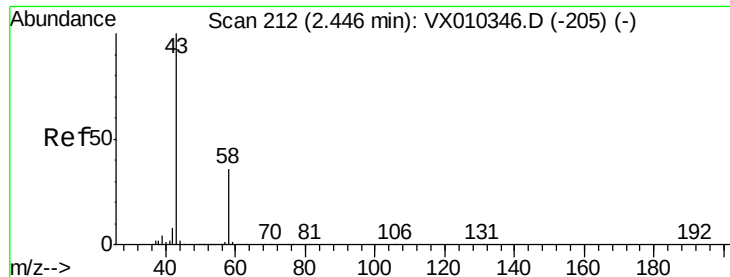
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





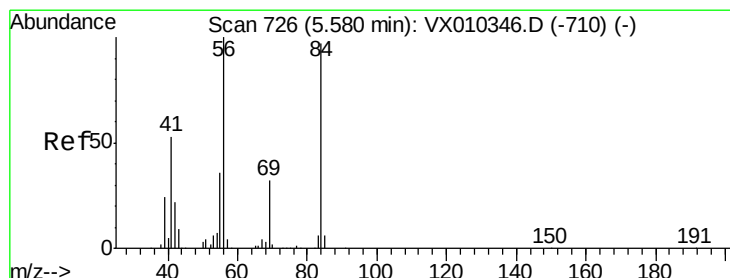
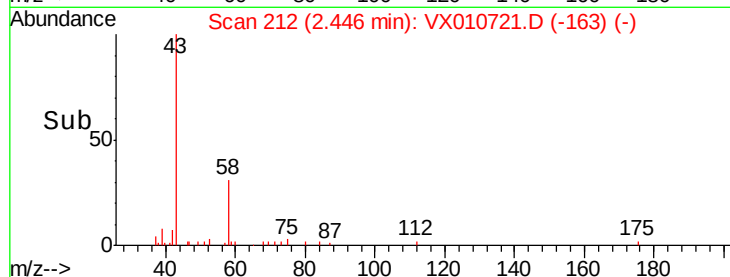
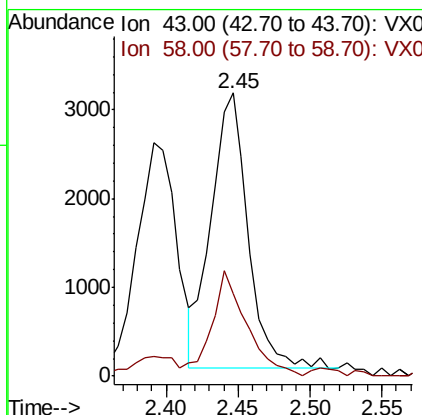
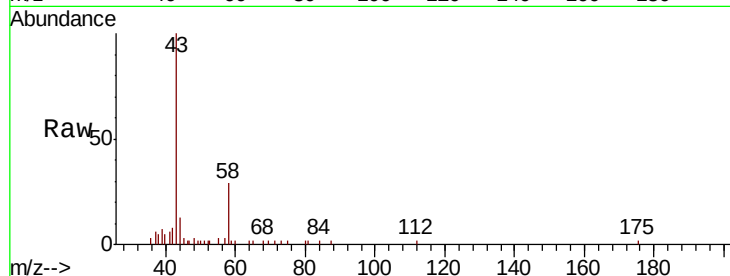
#16
Acetone
Concen: 5.349 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190703

Tgt Ion: 43 Resp: 5568
Ion Ratio Lower Upper
43 100
58 28.2 28.9 43.3#

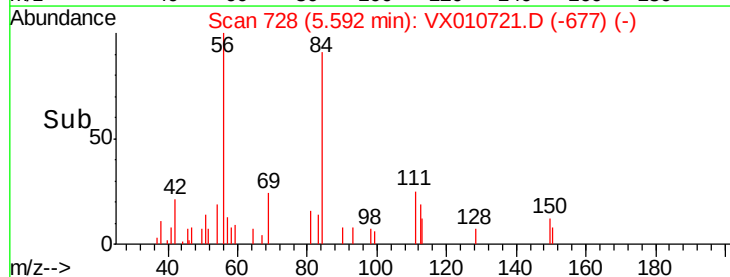
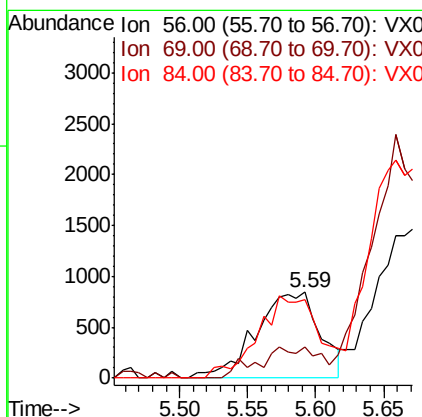
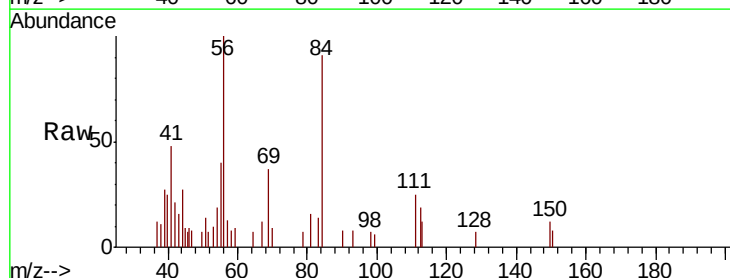
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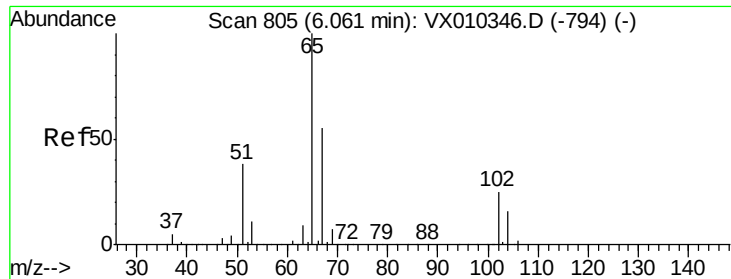
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#31
Cyclohexane
Concen: 0.917 ug/l
RT: 5.59 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Tgt Ion: 56 Resp: 2750
Ion Ratio Lower Upper
56 100
69 36.8 25.9 38.9
84 91.0 78.0 117.0





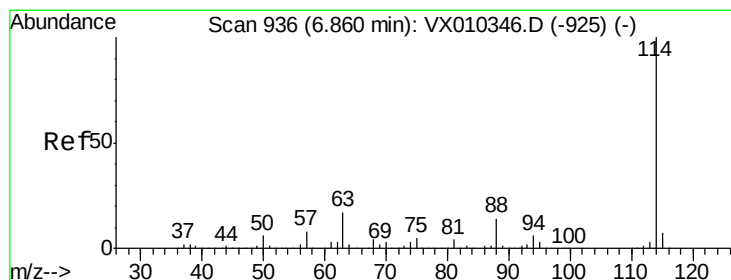
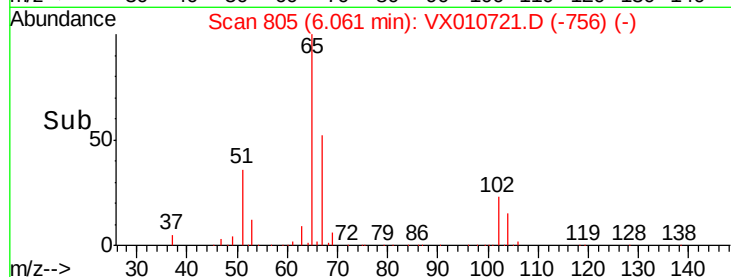
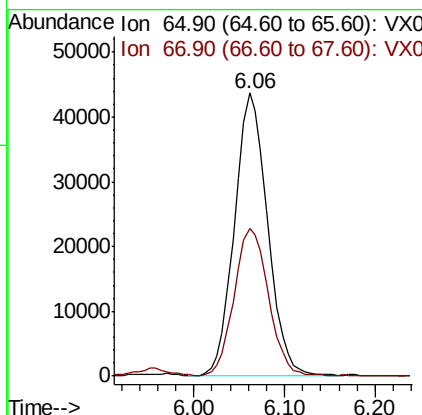
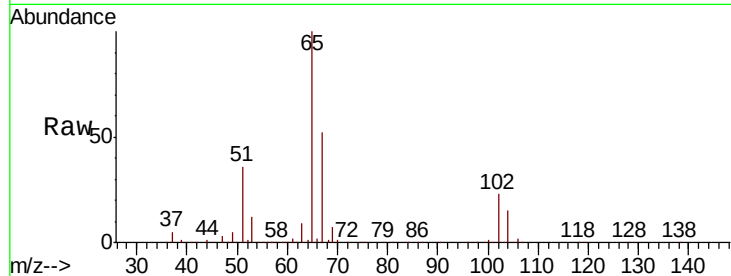
#33
 1,2-Dichloroethane-d4
 Concen: 53.023 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010721.D
 Acq: 09 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190703

Tgt Ion: 65 Resp: 110137
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2

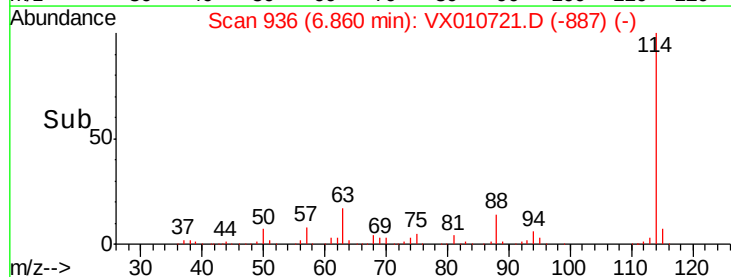
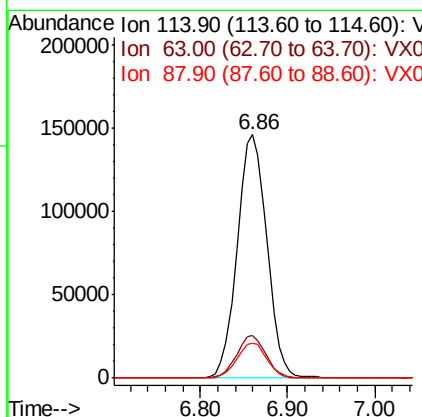
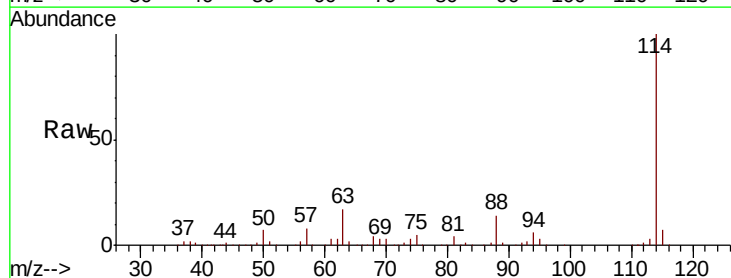
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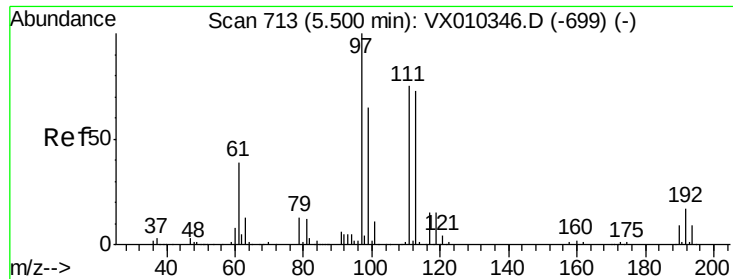
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010721.D
 Acq: 09 Jul 2019 01:56

Tgt Ion: 114 Resp: 345181
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.437 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

Instrument :

MSVOA_X

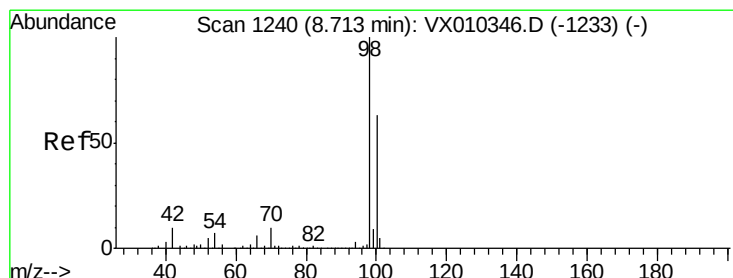
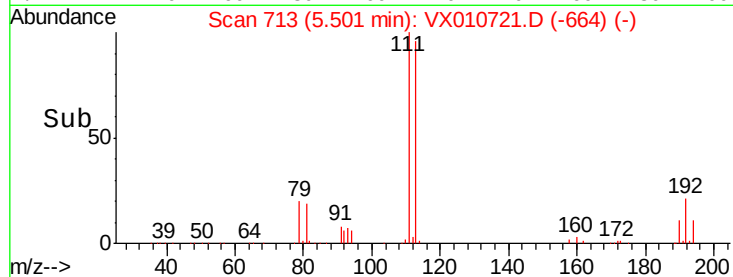
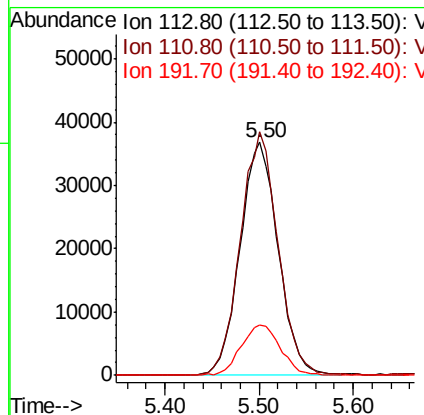
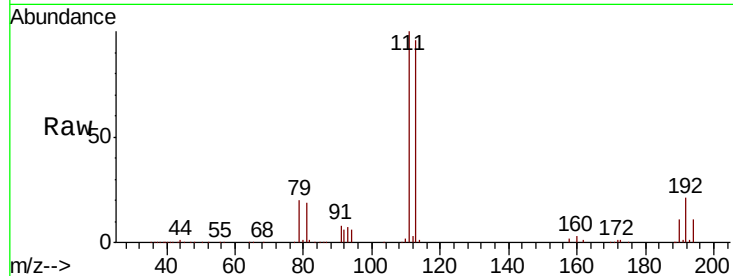
ClientSampleId :

SS038MW050-190703

Tgt Ion:	113	Resp:	104408
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.2	121.8
192	22.3	18.6	27.8

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#50

Toluene-d8

Concen: 52.480 ug/l

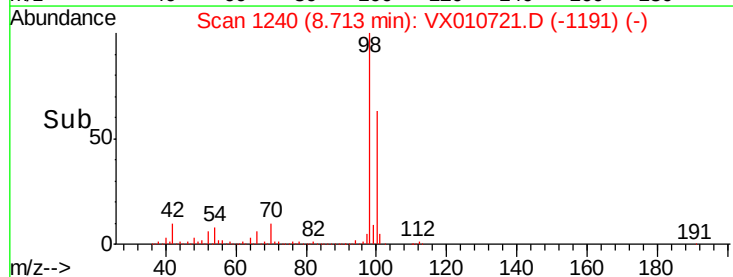
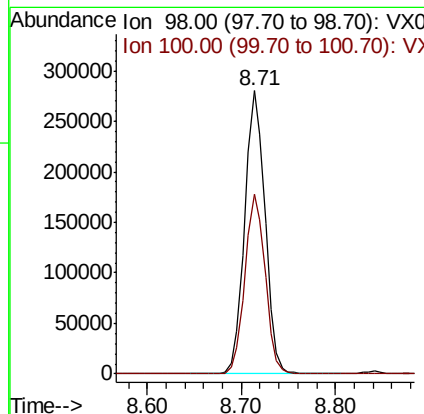
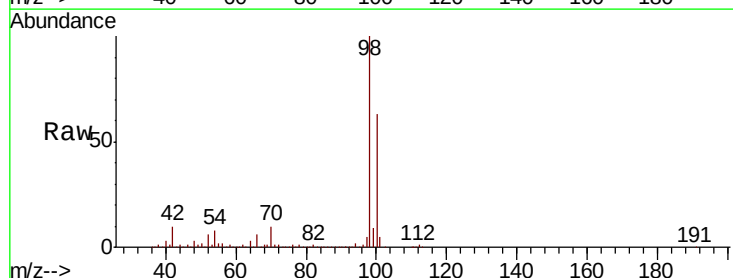
RT: 8.71 min Scan# 1240

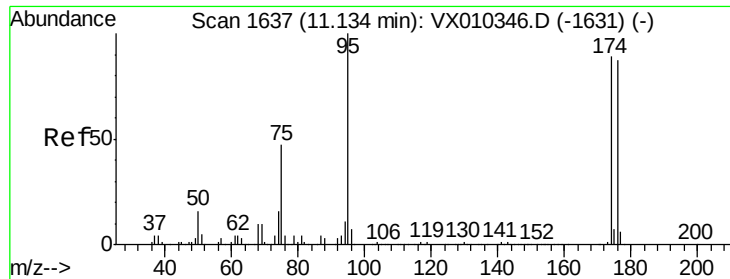
Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

Tgt Ion:	98	Resp:	424036
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.6	77.4





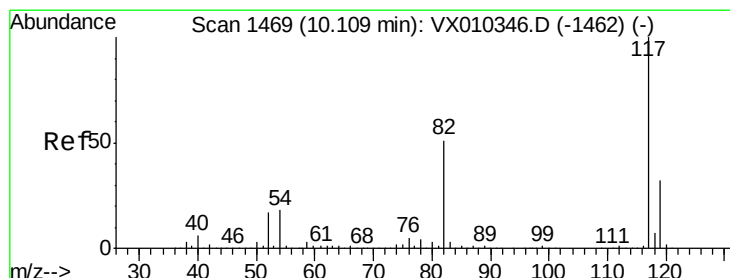
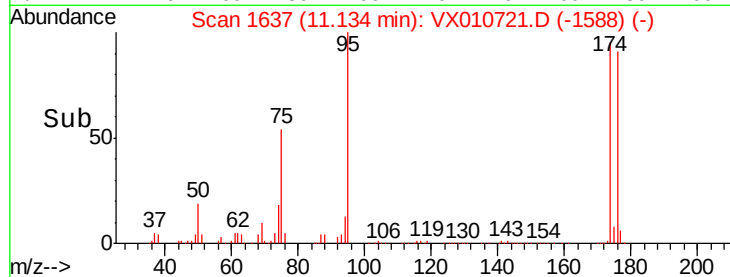
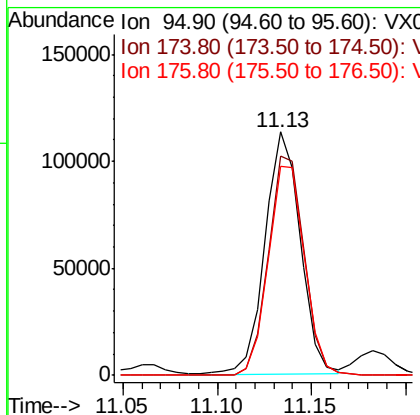
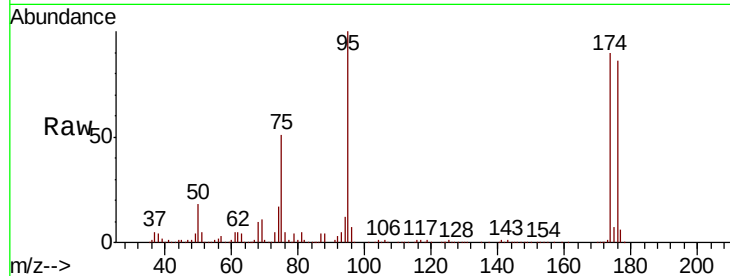
#62
4-Bromofluorobenzene
Concen: 50.606 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190703

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	147622		
174	91.7	0.0	187.6	
176	88.7	0.0	184.0	

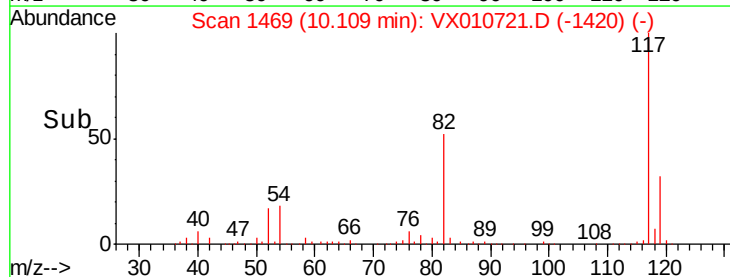
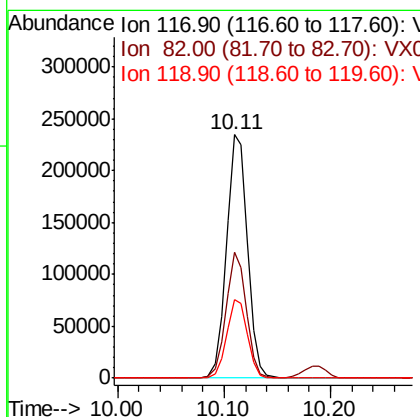
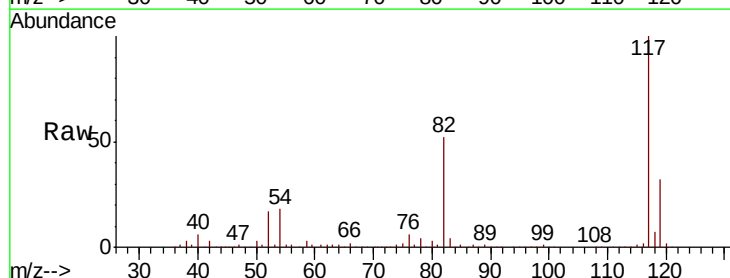
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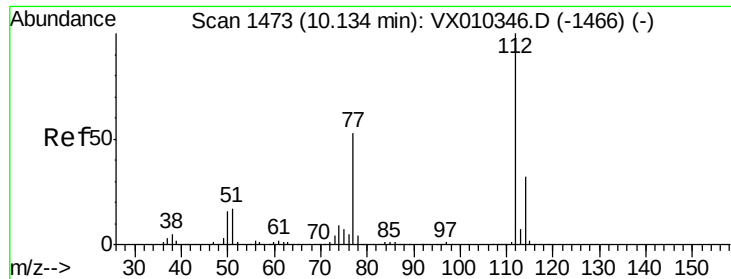
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7/9/2019 11:23:52 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	322761		
82	51.8	41.2	61.8	
119	32.1	25.5	38.3	





#65

Chlorobenzene

Concen: 20.050 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190703

Tgt Ion:112 Resp: 131381

Ion Ratio Lower Upper

112 100

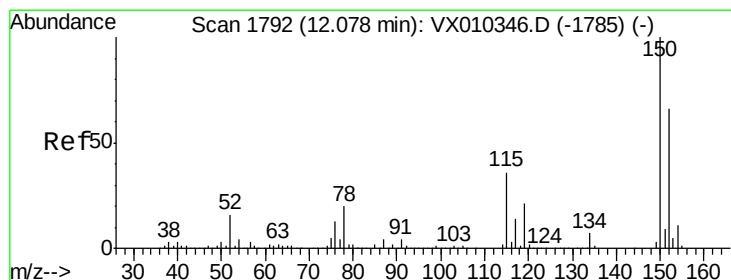
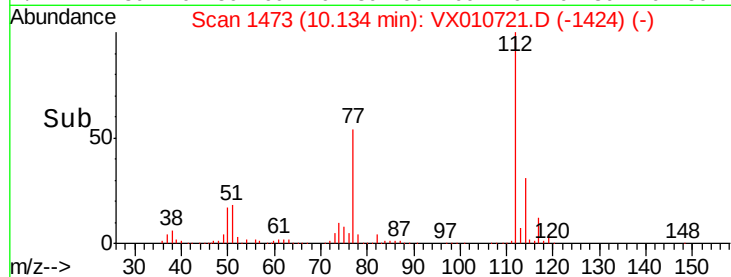
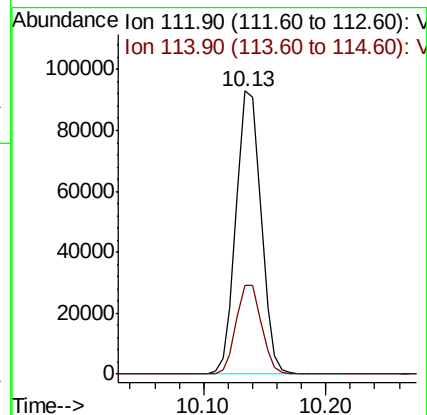
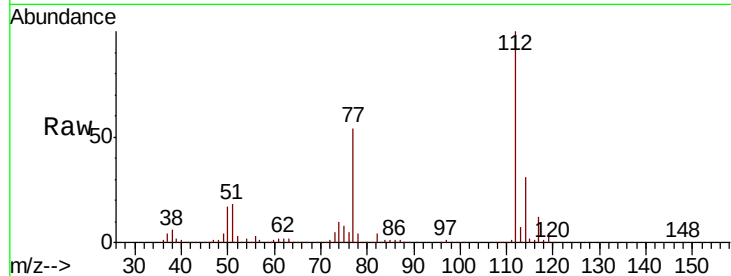
114 31.2 25.4 38.2

Manual Integrations

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7/9/2019 11:23:52 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

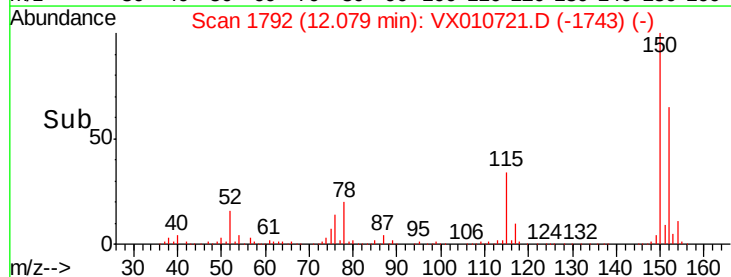
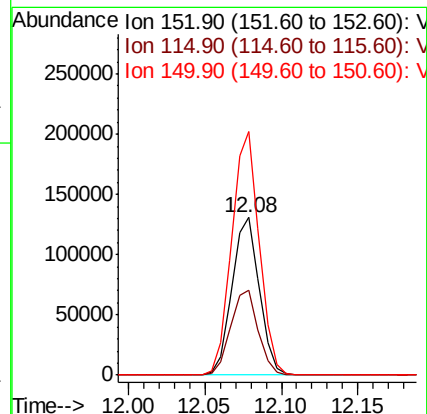
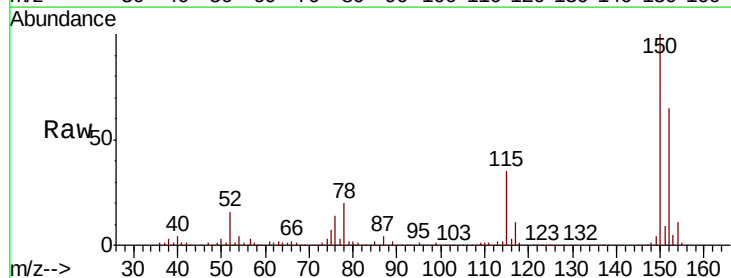
Tgt Ion:152 Resp: 161715

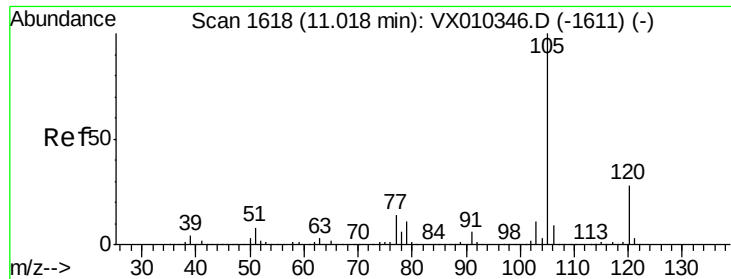
Ion Ratio Lower Upper

152 100

115 54.3 38.6 115.7

150 154.5 0.0 347.4





#73

Isopropylbenzene

Concen: 4.396 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010721.D

Acq: 09 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190703

Tgt Ion: 105 Resp: 48188

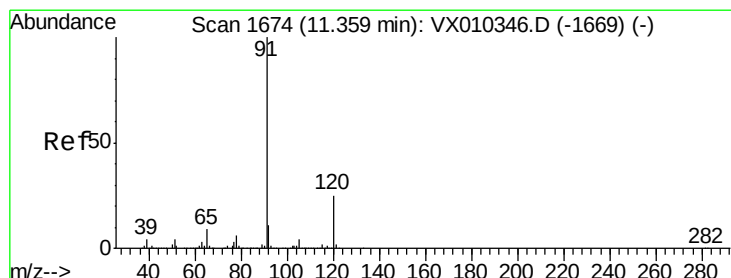
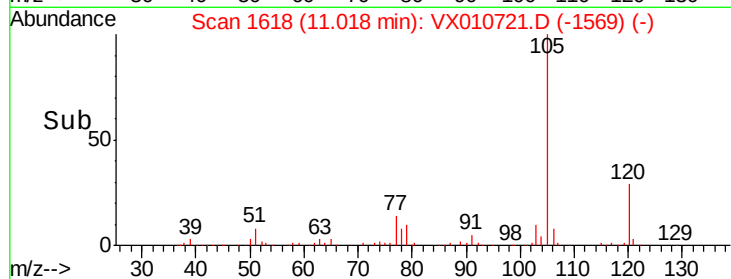
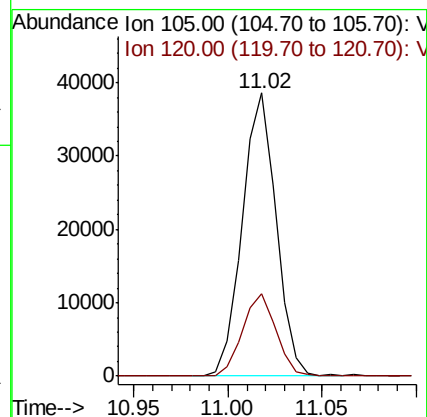
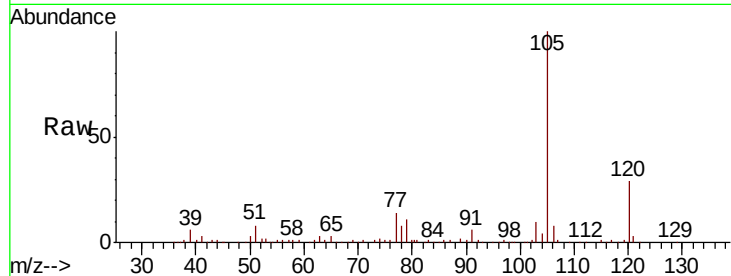
Ion Ratio Lower Upper

105 100

120 28.8 14.1 42.4

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7/9/2019 11:23:52 AM



#78

n-propylbenzene

Concen: 0.281 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010721.D

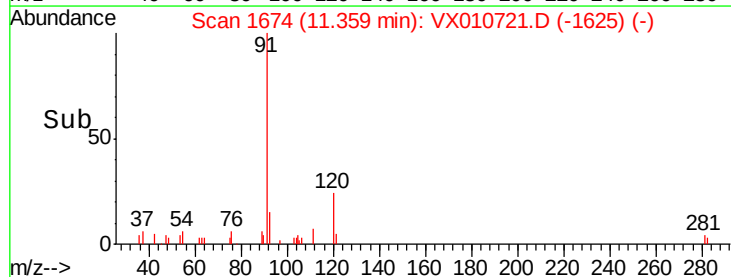
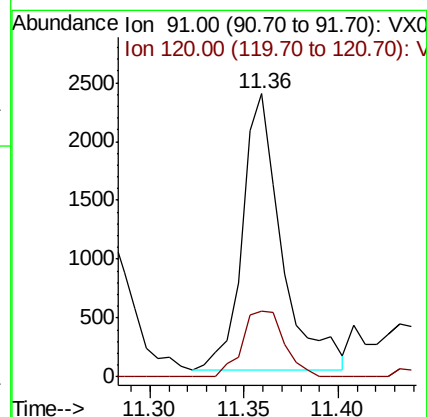
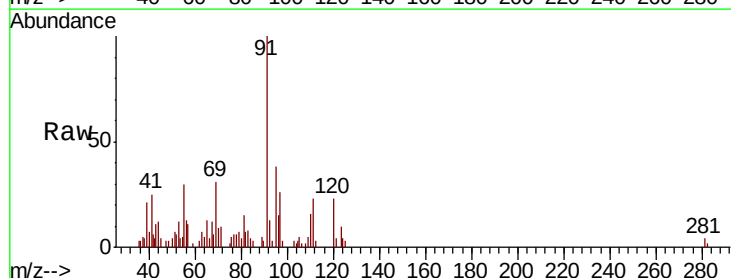
Acq: 09 Jul 2019 01:56

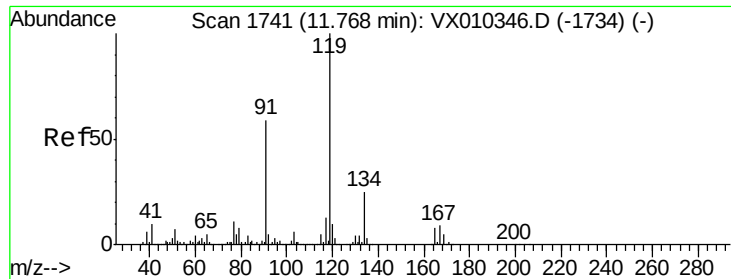
Tgt Ion: 91 Resp: 3382

Ion Ratio Lower Upper

91 100

120 25.6 12.4 37.4





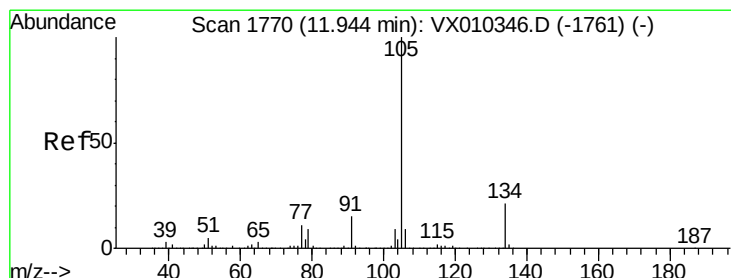
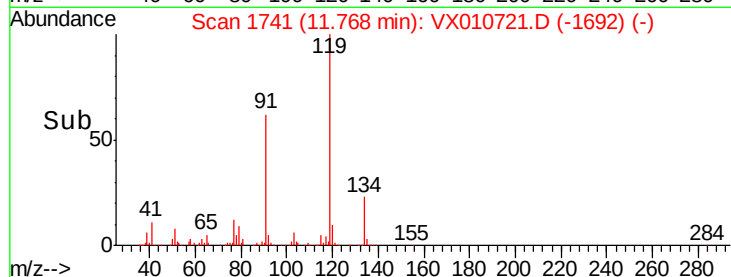
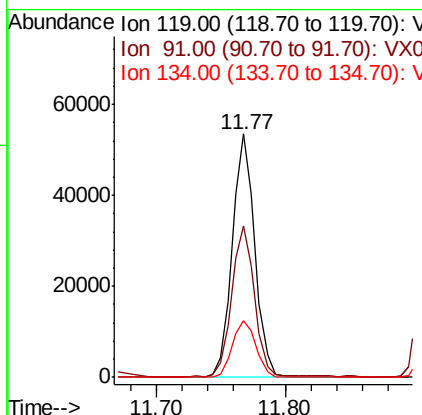
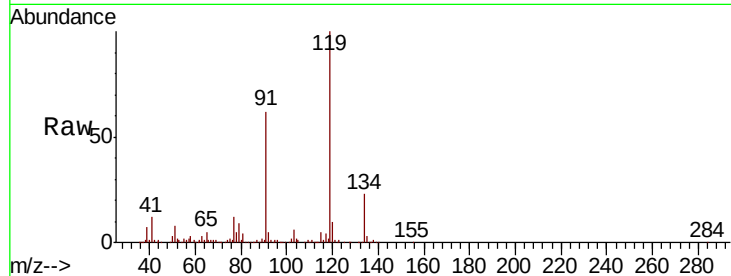
#83
tert-Butylbenzene
Concen: 7.200 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190703

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	65309		
91	63.7	27.6	82.7	
134	24.4	11.8	35.4	

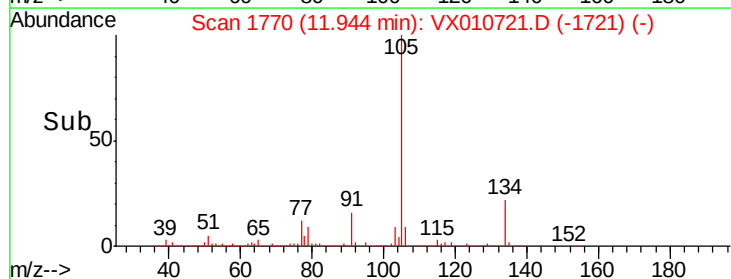
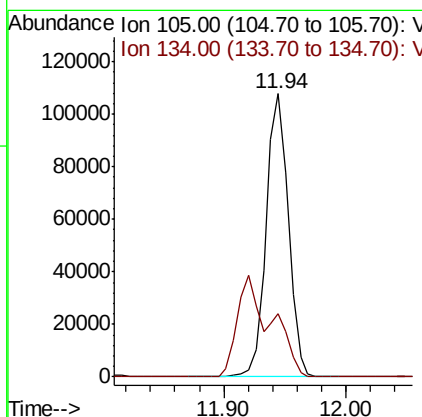
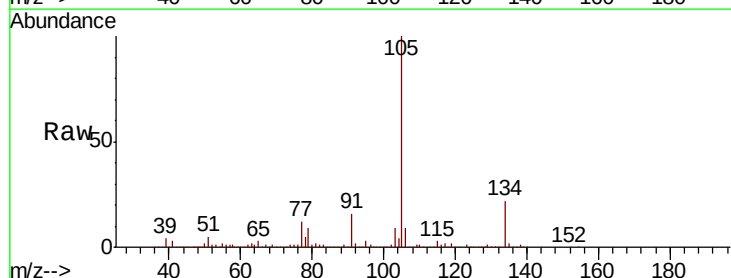
Manual Integrations
APPROVED

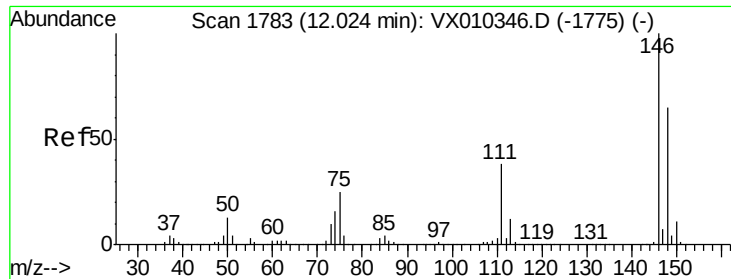
MMDadoda
7/9/2019 11:23:52 AM



#85
sec-Butylbenzene
Concen: 12.780 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010721.D
Acq: 09 Jul 2019 01:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136105		
134	0.0	10.7	31.9	#





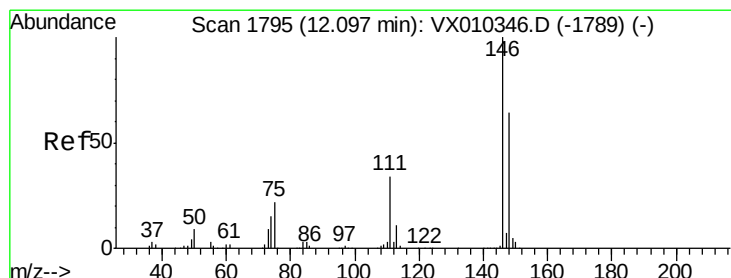
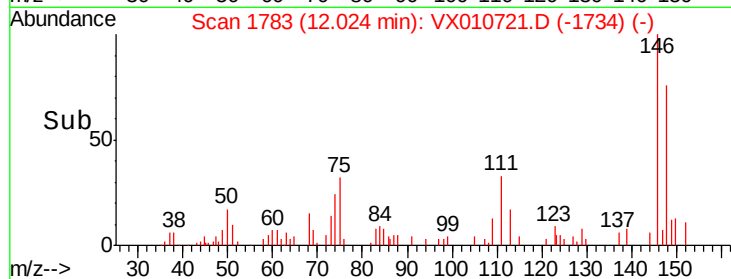
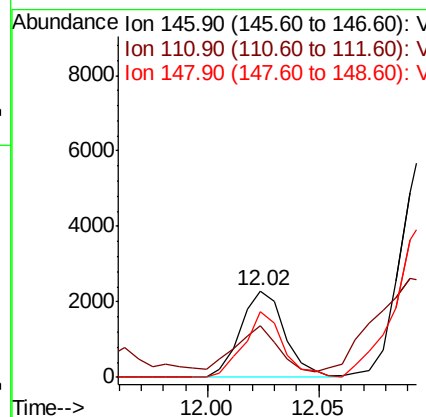
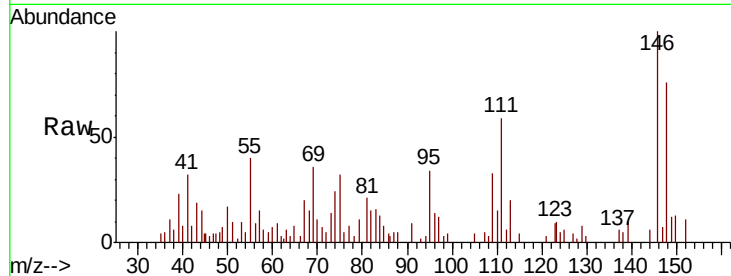
#87
 1,3-Dichlorobenzene
 Concen: 0.596 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010721.D
 Acq: 09 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190703

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.8	19.1	57.1
148	67.2	32.5	97.4

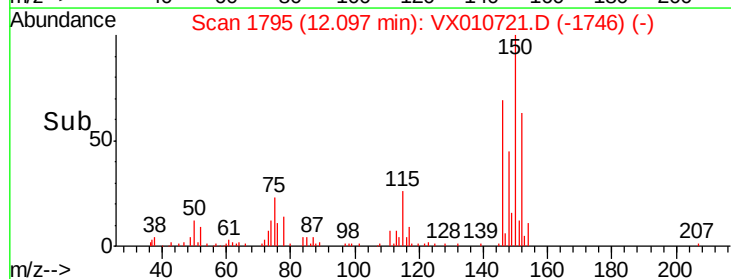
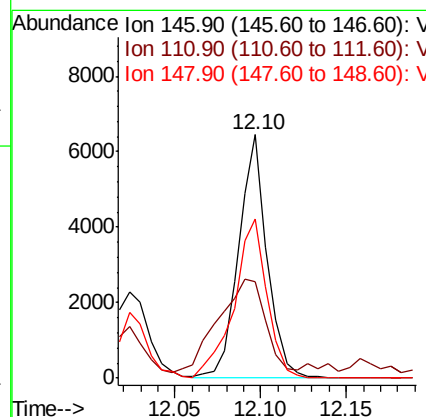
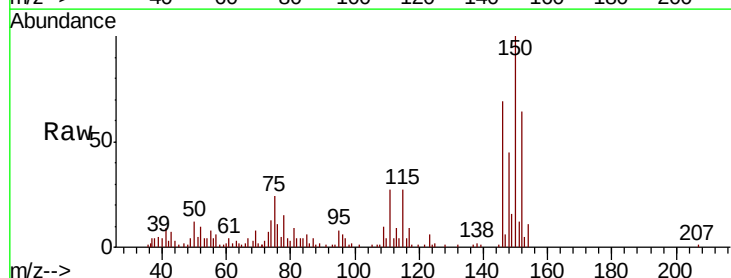
Manual Integrations
 APPROVED

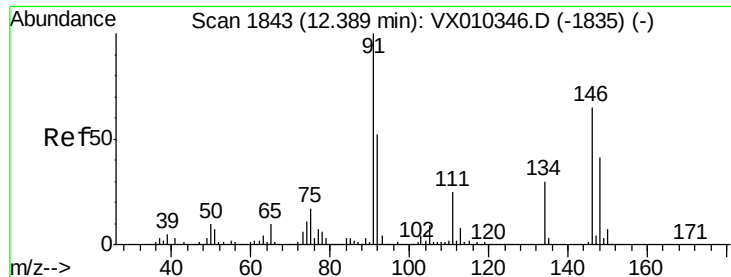
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 7/9/2019 11:23:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 1.382 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010721.D
 Acq: 09 Jul 2019 01:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	20.7	18.1	54.3
148	28.5	32.1	96.3#





#91
 1,2-Dichlorobenzene
 Concen: 0.410 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010721.D
 Acq: 09 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190703

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.2	57.6
148	66.1	32.0	96.0

Manual Integrations
 APPROVED

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 7/9/2019 11:23:52 AM

