

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007088.D
 Acq On : 17 Jan 2019 14:56
 Operator : JC/SP
 Sample : K1168-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:44 AM

Quant Time: Jan 18 09:42:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	611001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	869125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	320840	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	282439	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	1129315	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	403265	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	5991	0.665	ug/l #	82
65) Chlorobenzene	10.14	112	351678	18.552	ug/l	99
73) Isopropylbenzene	11.02	105	122633	3.941	ug/l	98
83) tert-Butylbenzene	11.77	119	146987	5.666	ug/l	91
85) sec-Butylbenzene	11.94	105	328422	10.601	ug/l #	55
87) 1,3-Dichlorobenzene	12.02	146	8636	0.557	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	19395m	1.462	ug/l	

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

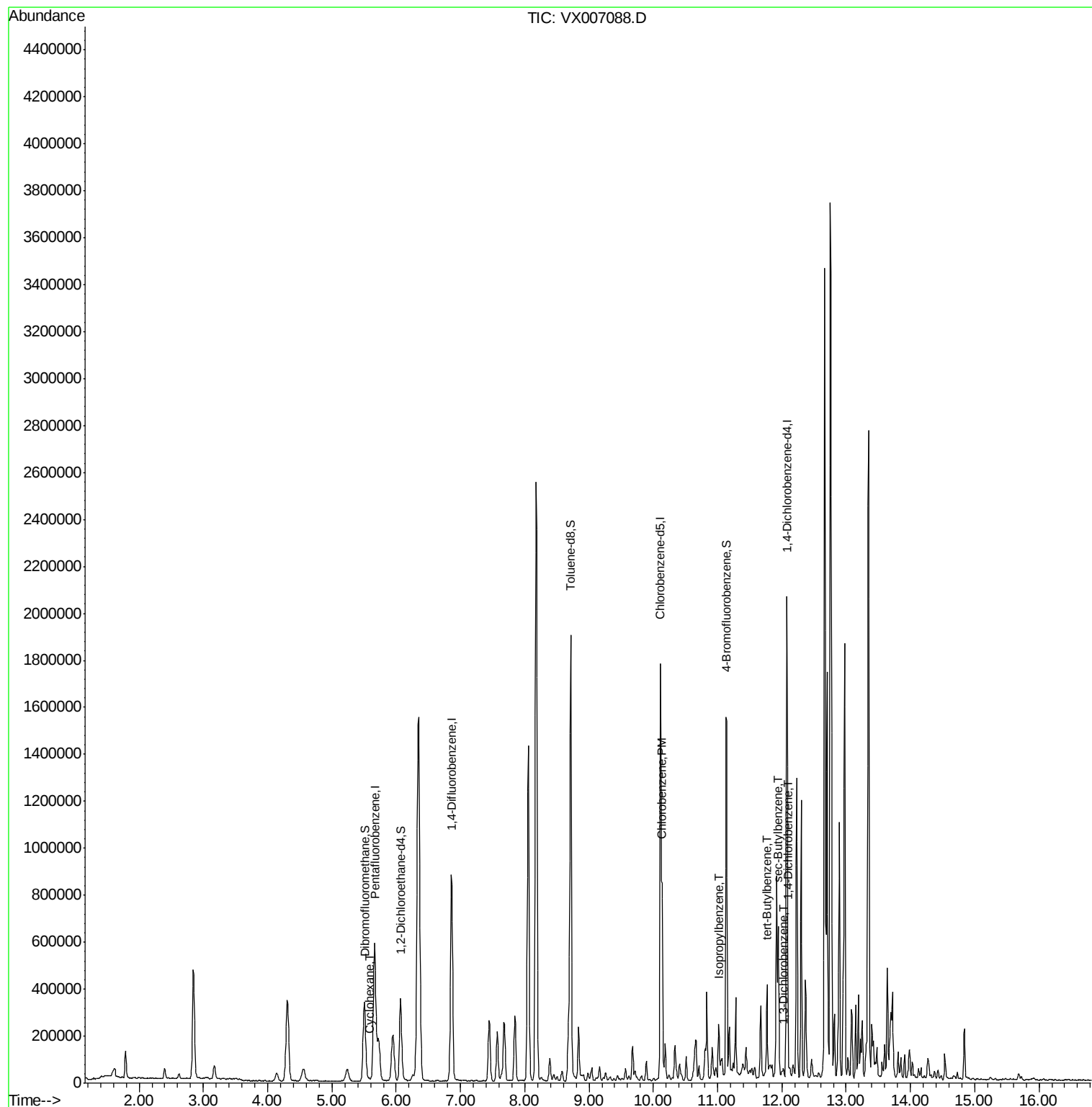
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007088.D
Acq On : 17 Jan 2019 14:56
Operator : JC/SP
Sample : K1168-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

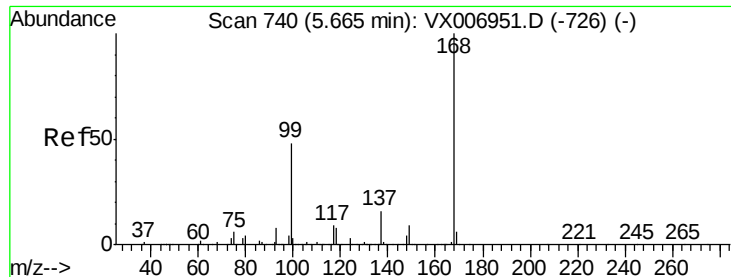
Instrument :
MSVOA_X
ClientSampleId :
SS038MW050-190115

Manual Integrations
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1/18/2019 10:23:44 AM

Quant Time: Jan 18 09:42:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 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: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion:168 Resp: 611001

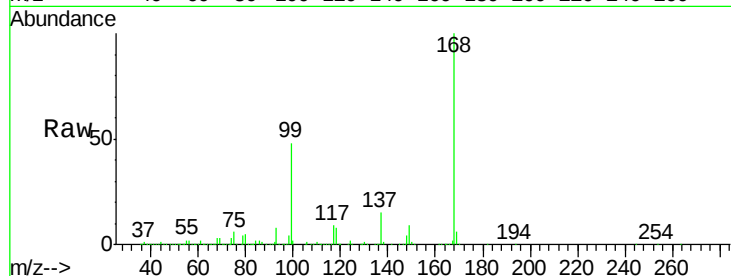
Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

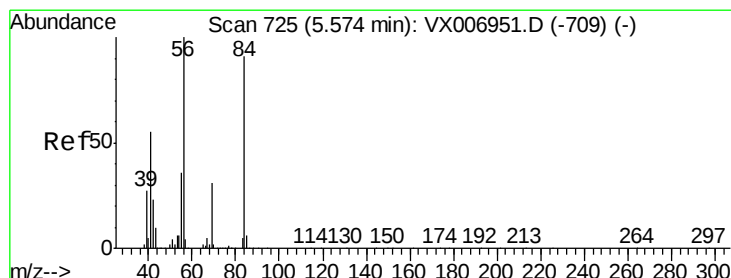
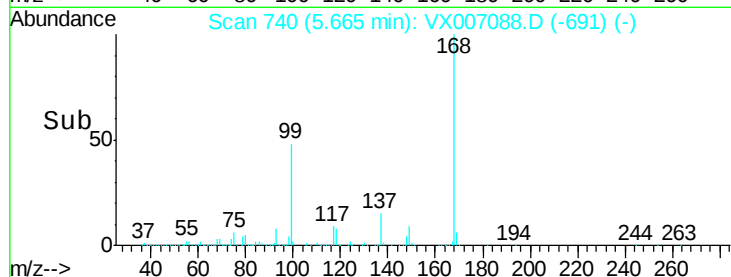
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 0.665 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

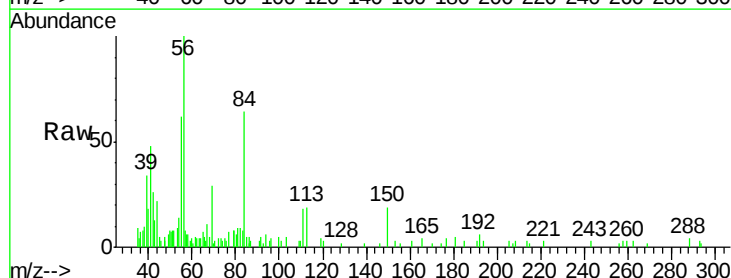
Tgt Ion: 56 Resp: 5991

Ion Ratio Lower Upper

56 100

69 27.8 24.4 36.6

84 67.1 70.0 105.0#



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

8000

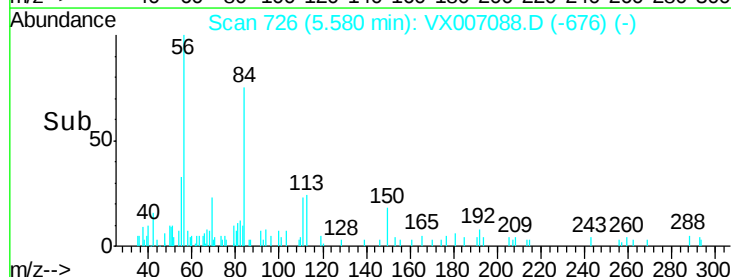
6000

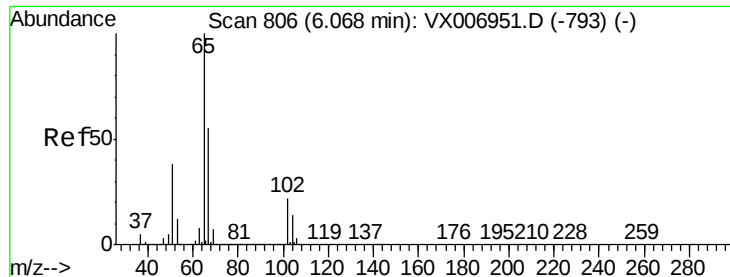
4000

2000

0

Time--> 5.50 5.55 5.60 5.65





#33

1,2-Dichloroethane-d4

Concen: 50.245 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion: 65 Resp: 320840

Ion Ratio Lower Upper

65 100

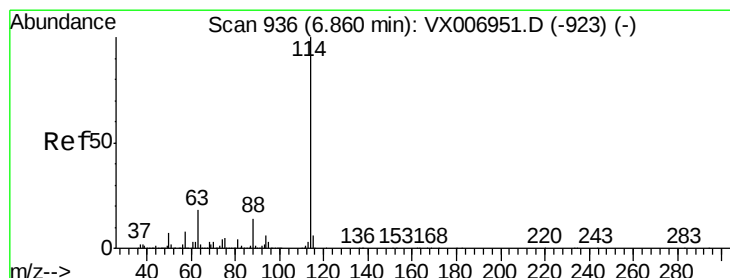
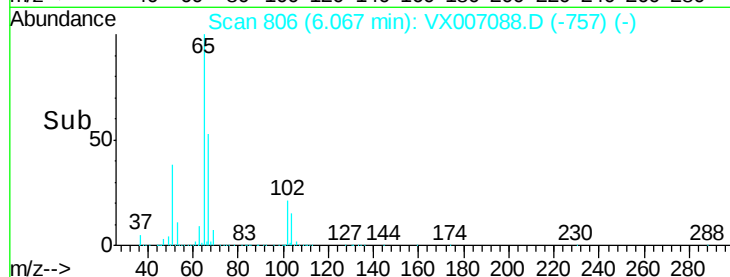
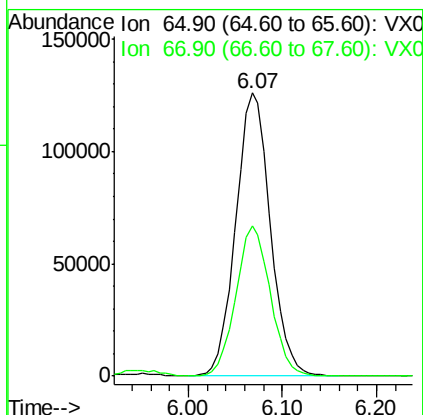
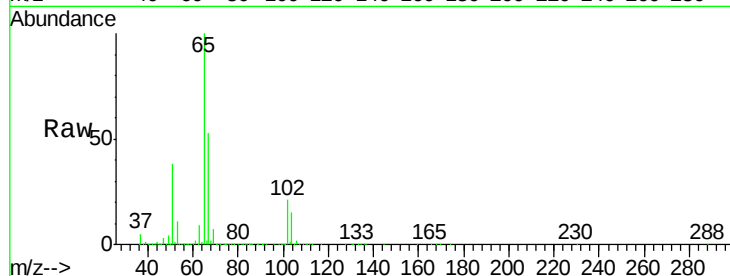
67 52.9 0.0 105.0

Manual Integrations

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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: VX007088.D

Acq: 17 Jan 2019 14:56

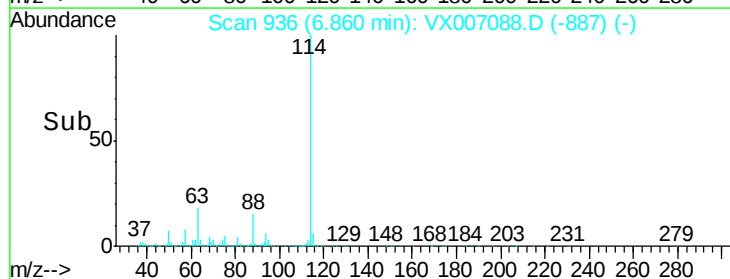
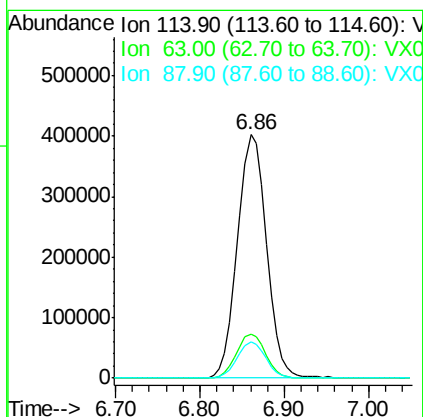
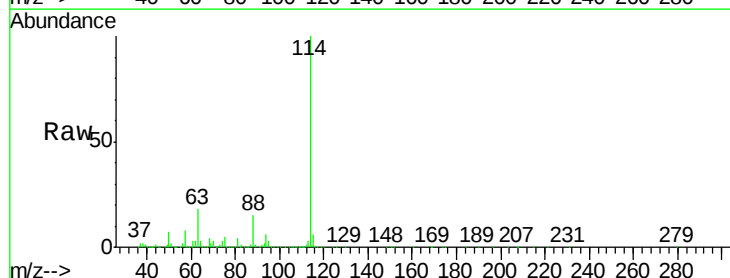
Tgt Ion: 114 Resp: 939911

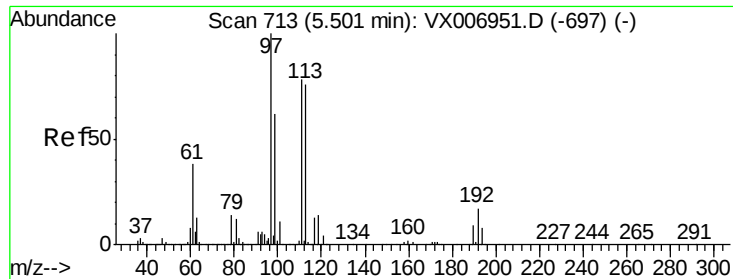
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.924 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

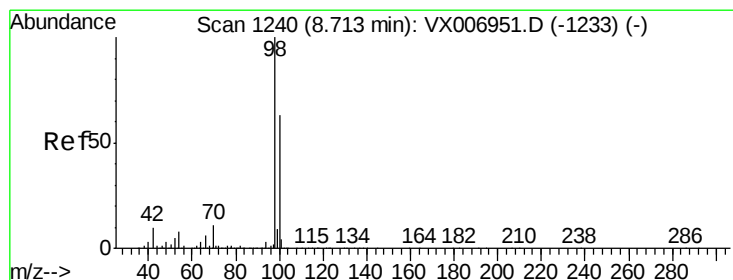
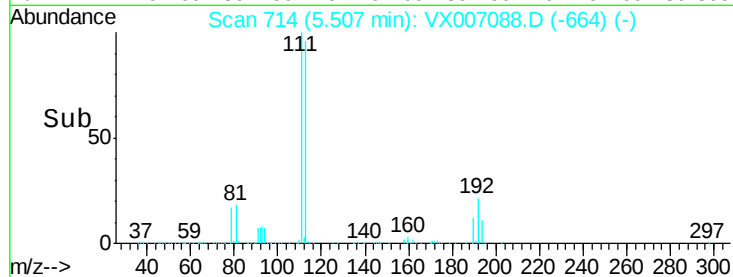
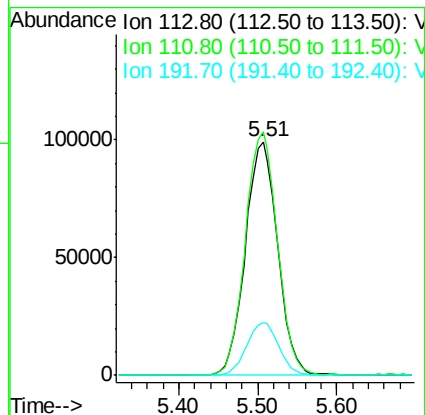
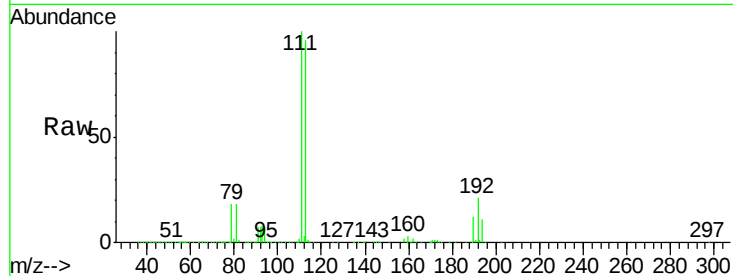
ClientSampleId :

SS038MW050-190115

Tot Ion:	113	Resp:	282439
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.6	122.4
192	22.6	16.7	25.1

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#50

Toluene-d8

Concen: 51.258 ug/l

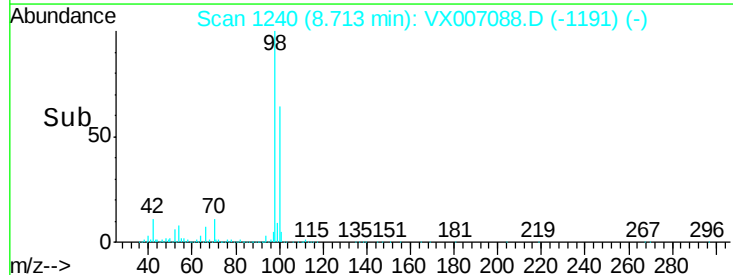
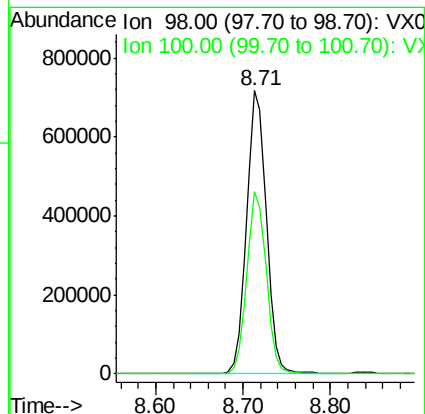
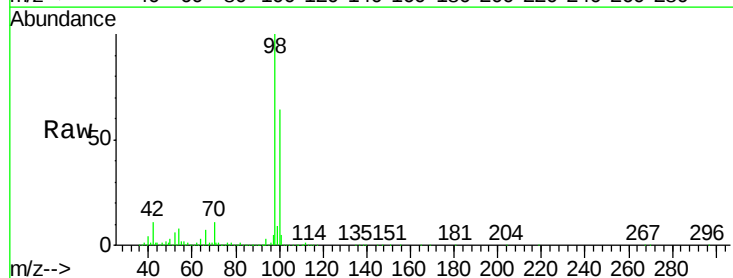
RT: 8.71 min Scan# 1240

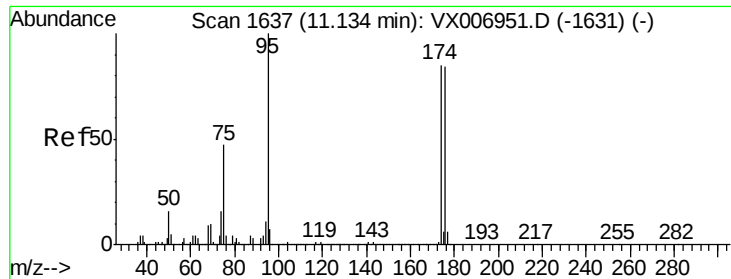
Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Tgt Ion:	98	Resp:	1129315
Ion Ratio	Lower	Upper	
98	100		
100	63.6	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 52.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

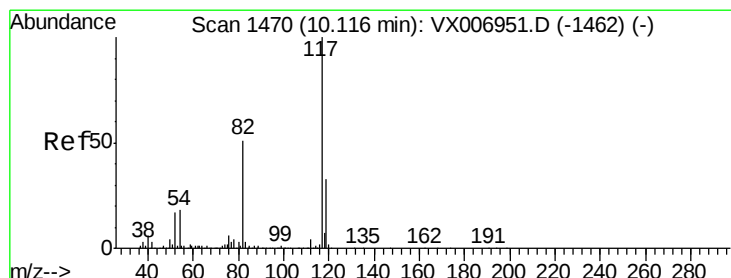
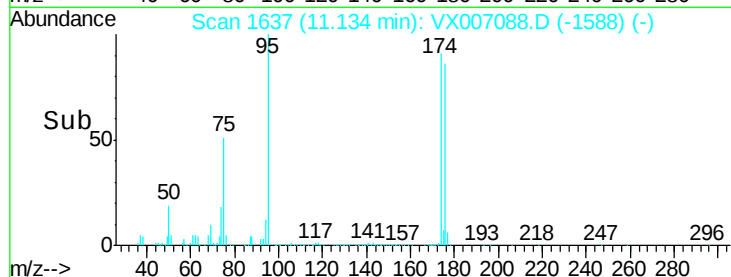
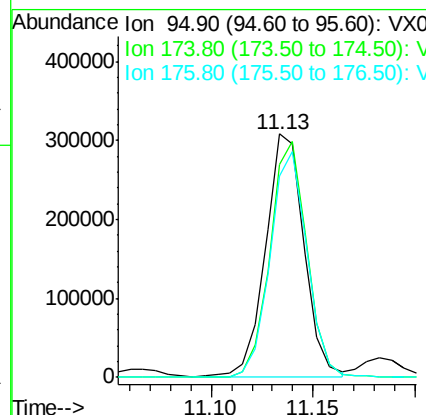
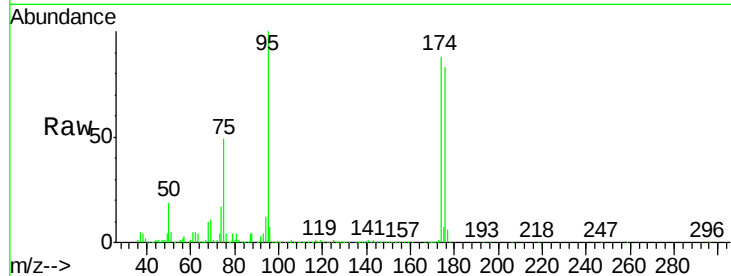
ClientSampleId :

SS038MW050-190115

Tot Ion:	95	Resp:	403265
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	182.2
176	89.9	0.0	178.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

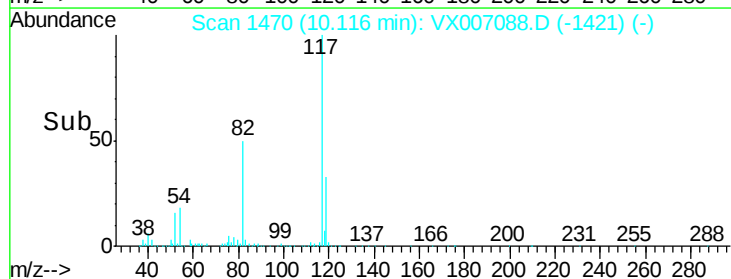
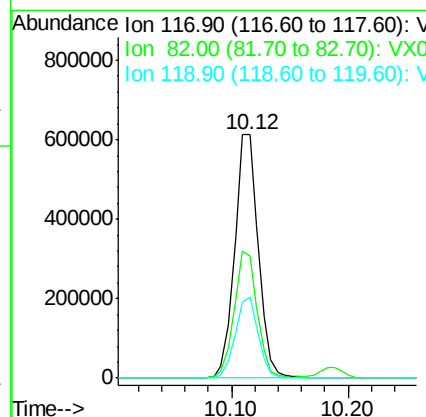
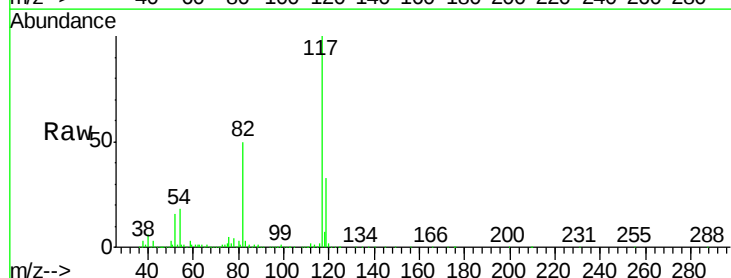
RT: 10.12 min Scan# 1470

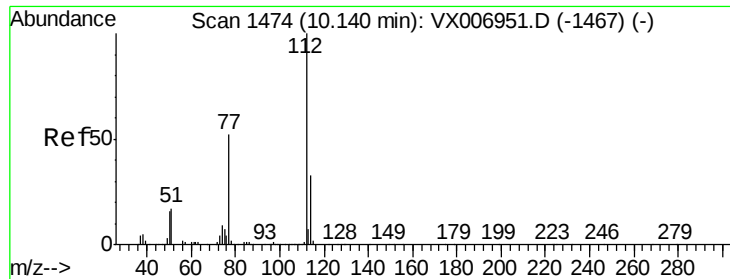
Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Tgt Ion:	117	Resp:	869125
Ion Ratio	Lower	Upper	
117	100		
82	50.1	41.0	61.6
119	33.2	25.4	38.0





#65

Chlorobenzene

Concen: 18.552 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion:112 Resp: 351678

Ion Ratio Lower Upper

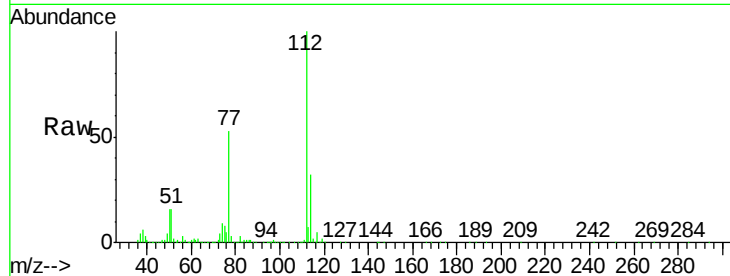
112 100

114 32.4 25.7 38.5

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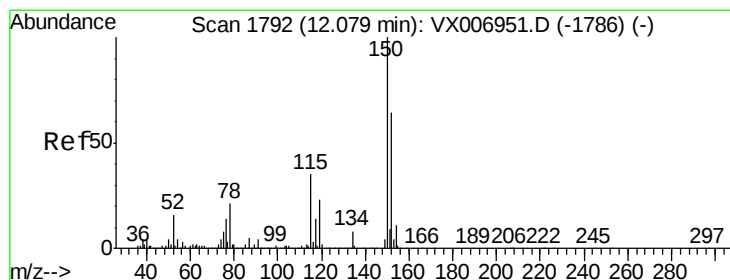
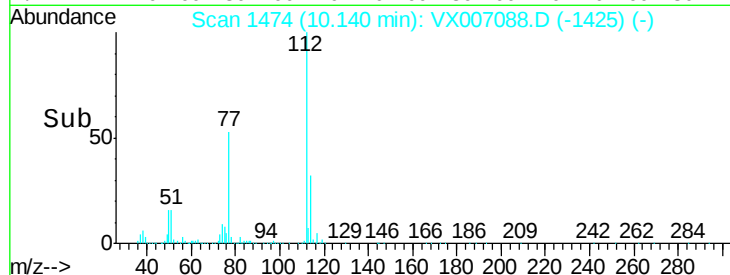
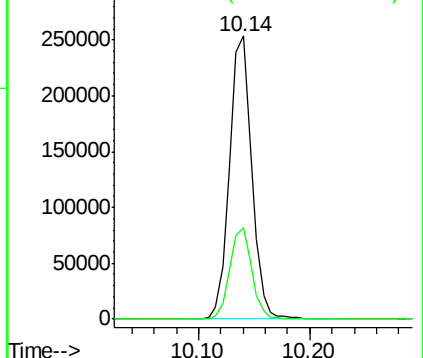
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX007088.D

Acq: 17 Jan 2019 14:56

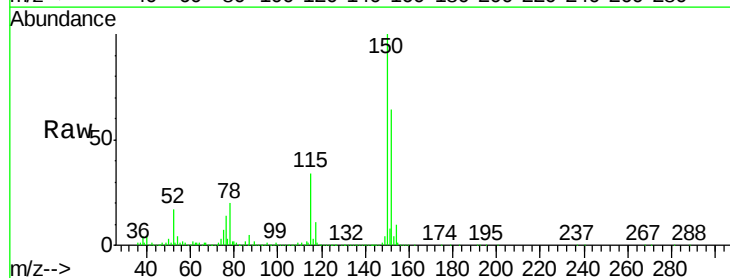
Tgt Ion:152 Resp: 441280

Ion Ratio Lower Upper

152 100

115 53.1 39.1 117.2

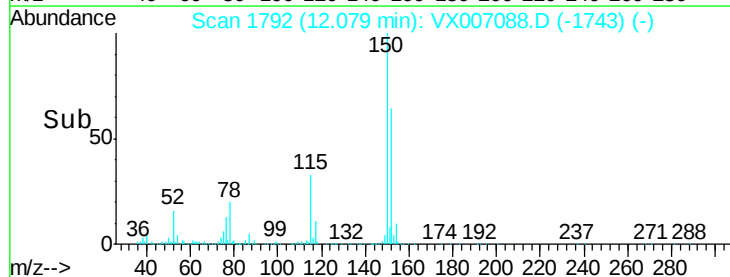
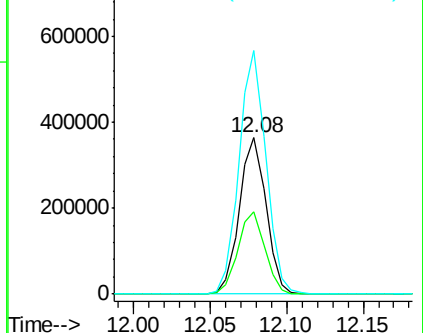
150 156.2 0.0 344.8

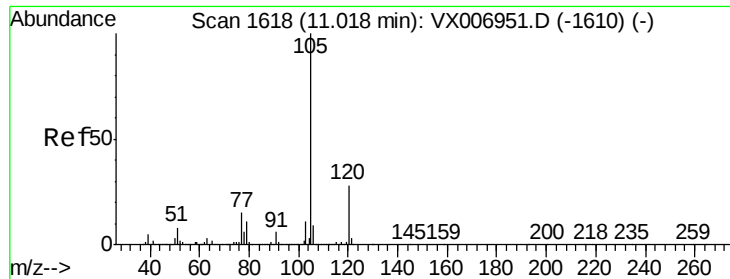


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.941 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion:105 Resp: 122633

Ion Ratio Lower Upper

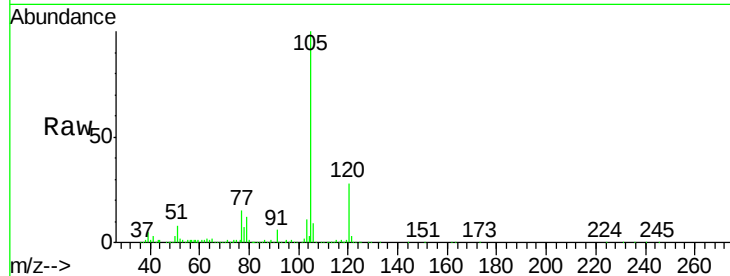
105 100

120 27.2 14.1 42.4

Manual Integrations
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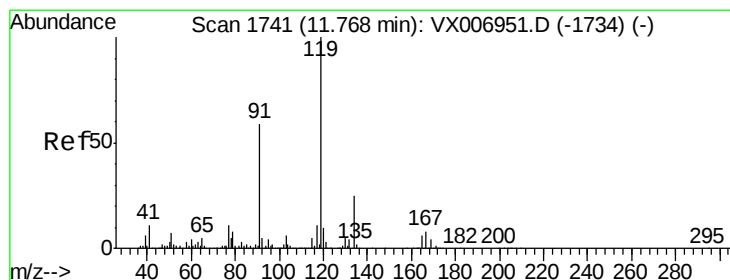
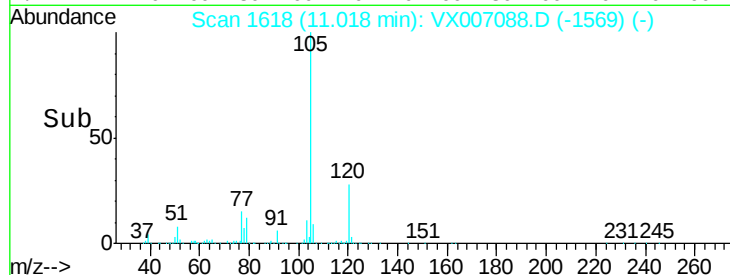
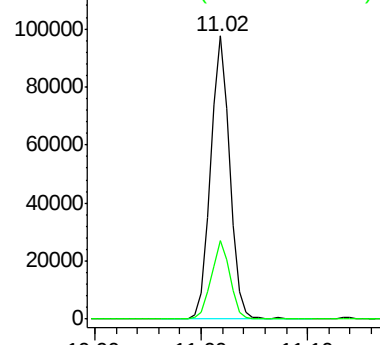
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 5.666 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

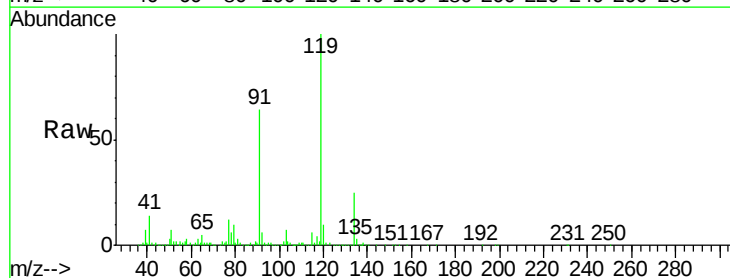
Tgt Ion:119 Resp: 146987

Ion Ratio Lower Upper

119 100

91 63.7 27.7 83.1

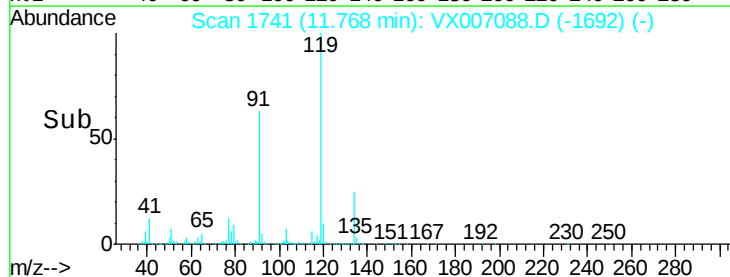
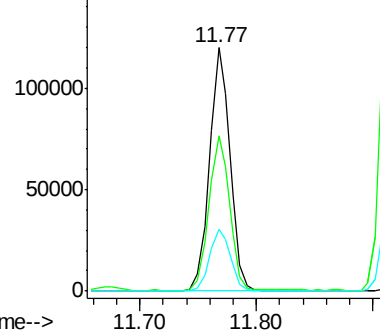
134 25.8 11.9 35.5

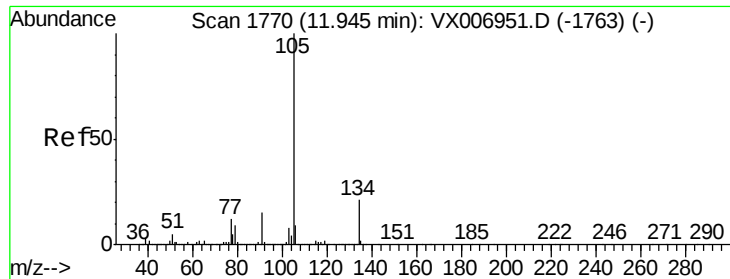


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





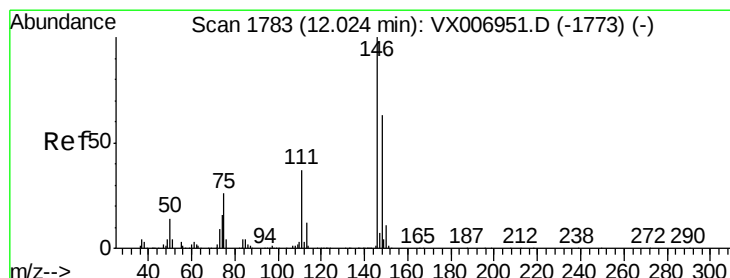
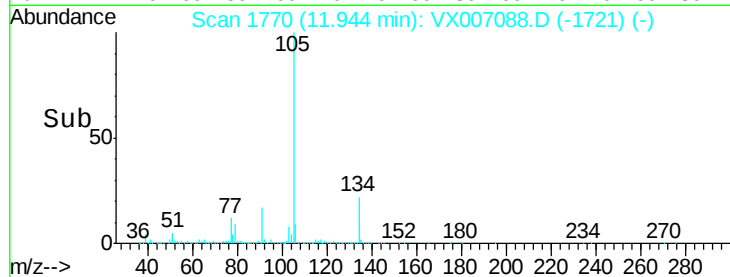
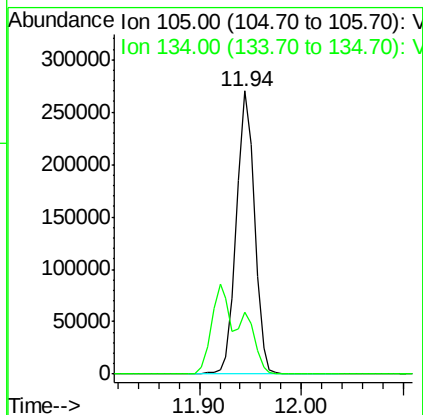
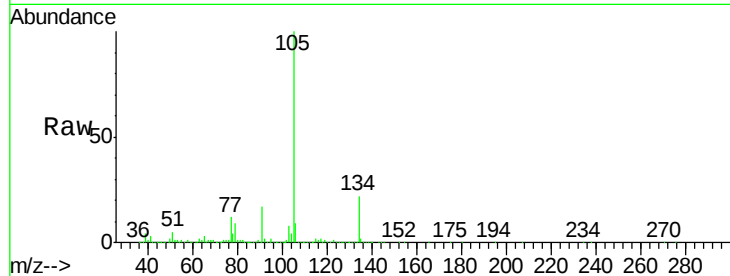
#85
 sec-Butylbenzene
 Concen: 10.601 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW050-190115

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#

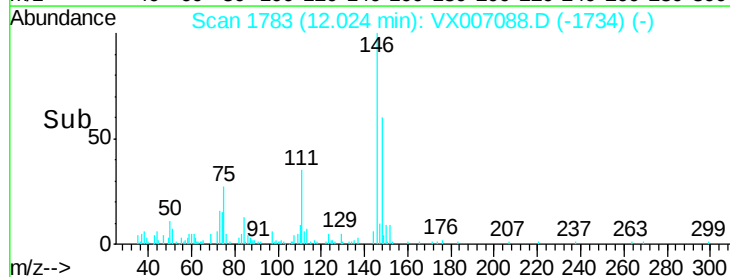
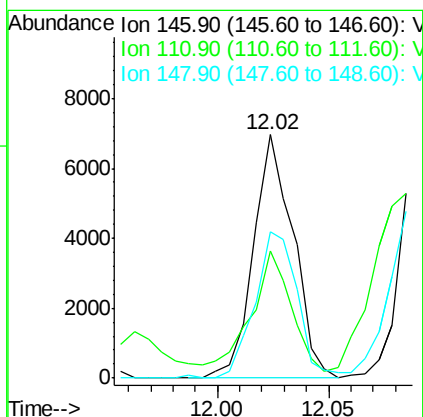
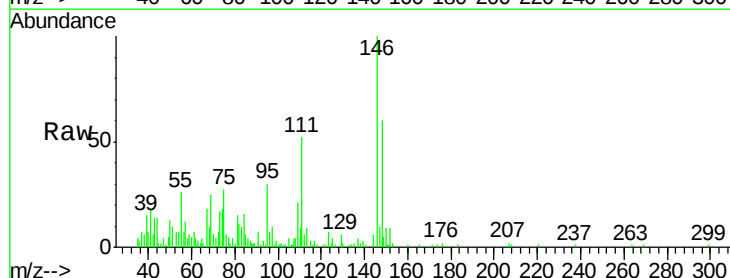
Manual Integrations
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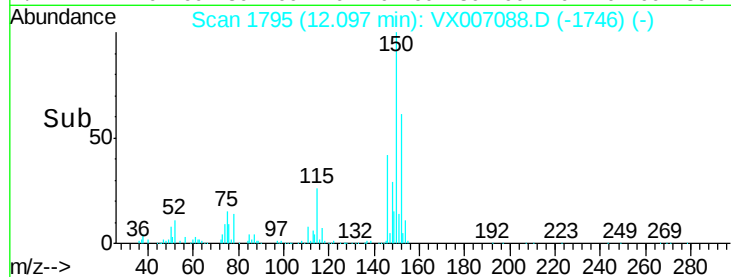
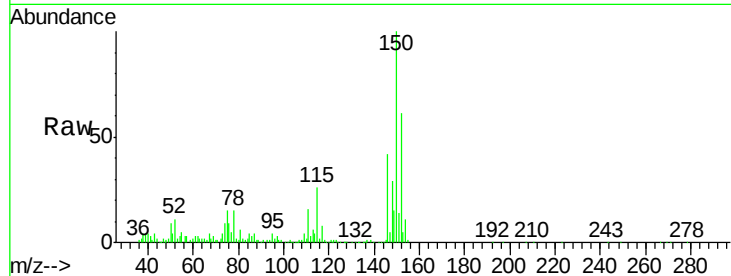
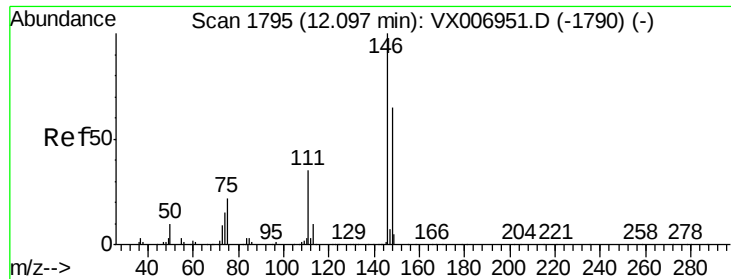
MMDadoda
 1/18/2019 10:23:44 AM



#87
 1,3-Dichlorobenzene
 Concen: 0.557 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007088.D
 Acq: 17 Jan 2019 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.0	18.6	55.8
148	65.0	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 1.462 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007088.D

Acq: 17 Jan 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

SS038MW050-190115

Tot Ion:	146	Resp:	19395
Ion Ratio	Lower	Upper	
146	100		
111	22.0	18.1	54.1
148	28.9	31.9	95.9#

Manual Integrations
APPROVED

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1/18/2019 10:23:44 AM

