

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007089.D
 Acq On : 17 Jan 2019 15:23
 Operator : JC/SP
 Sample : K1168-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:49 AM

Quant Time: Jan 18 09:42:36 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	571527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	876695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	822027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	298624	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	264983	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	1051860	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	393103	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	5186	0.616	ug/l #	94
40) Benzene	6.14	78	8588	0.369	ug/l	98
65) Chlorobenzene	10.14	112	469187	26.169	ug/l	100
73) Isopropylbenzene	11.02	105	75033	2.476	ug/l	100
83) tert-Butylbenzene	11.77	119	174170	6.895	ug/l	91
85) sec-Butylbenzene	11.94	105	512345	16.983	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	9168	0.608	ug/l	89
88) 1,4-Dichlorobenzene	12.10	146	22576m	1.719	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	6570	0.441	ug/l #	82

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

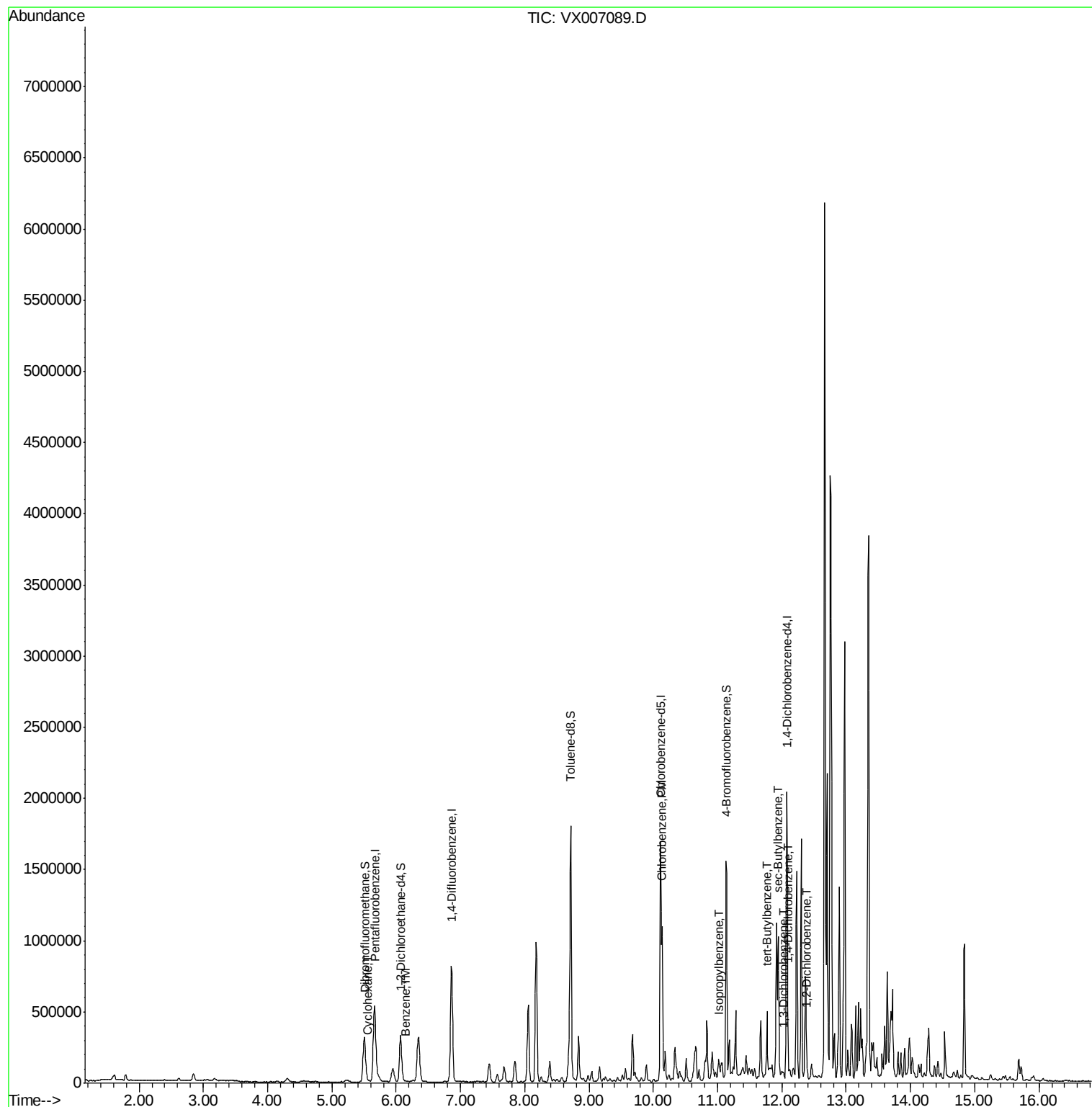
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007089.D
Acq On : 17 Jan 2019 15:23
Operator : JC/SP
Sample : K1168-08
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ALS Vial : 13 Sample Multiplier: 1

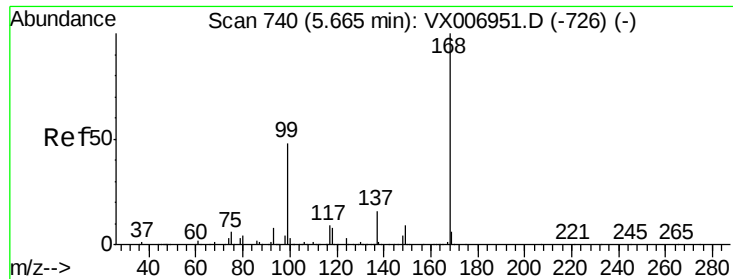
Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190115

Manual Integrations
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1/18/2019 10:23:49 AM

Quant Time: Jan 18 09:42:36 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: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion:168 Resp: 571527

Ion Ratio Lower Upper

168 100

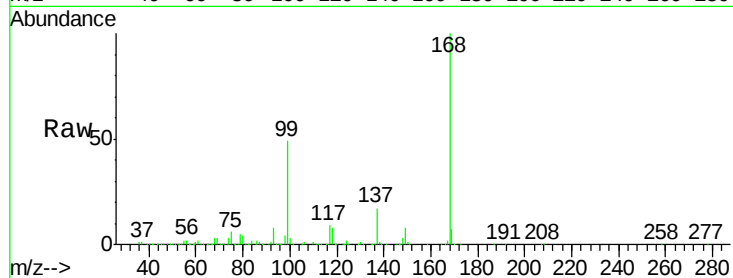
99 49.2 41.8 62.8

Manual Integrations

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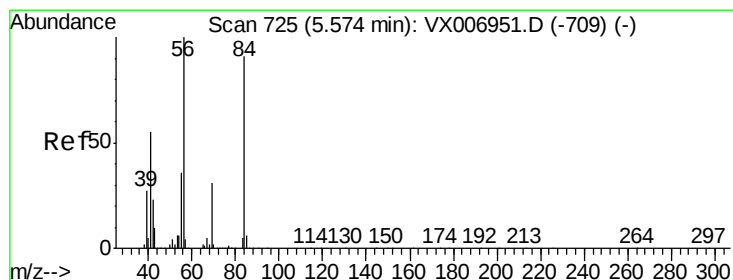
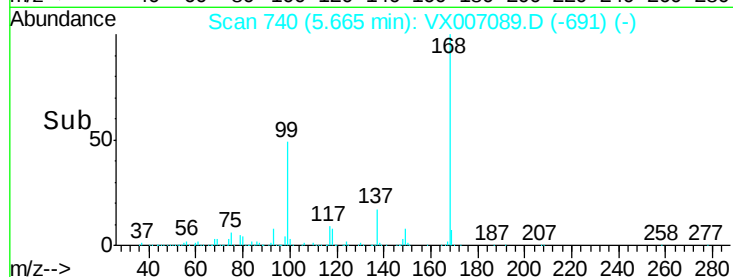
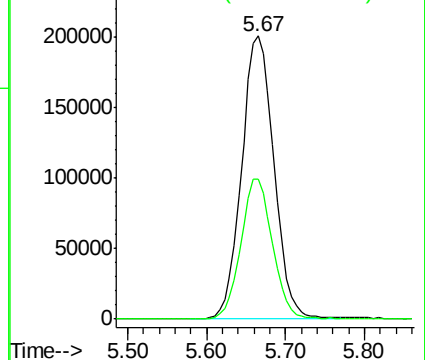
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 0.616 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

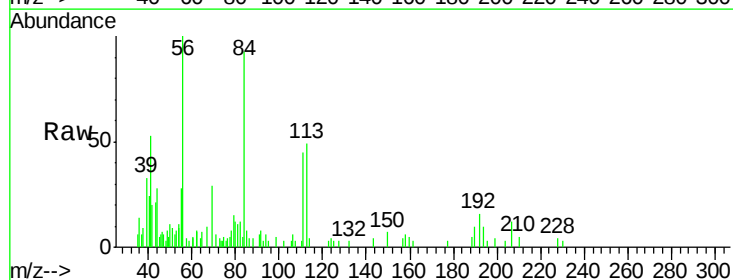
Tgt Ion: 56 Resp: 5186

Ion Ratio Lower Upper

56 100

69 22.6 24.4 36.6#

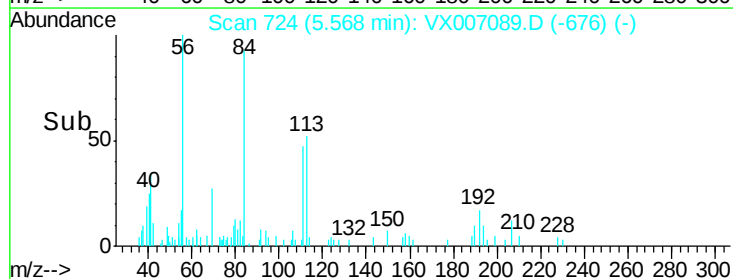
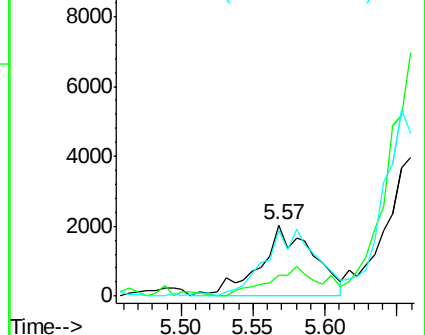
84 90.1 70.0 105.0

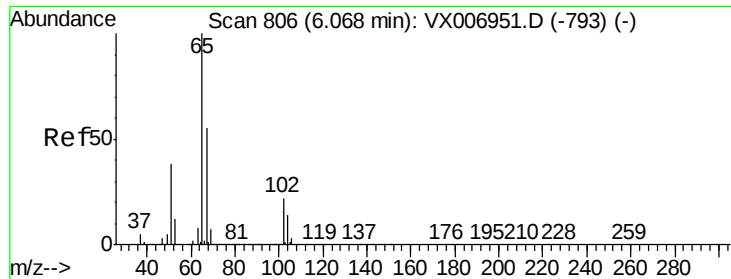


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.996 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion: 65 Resp: 298624

Ion Ratio Lower Upper

65 100

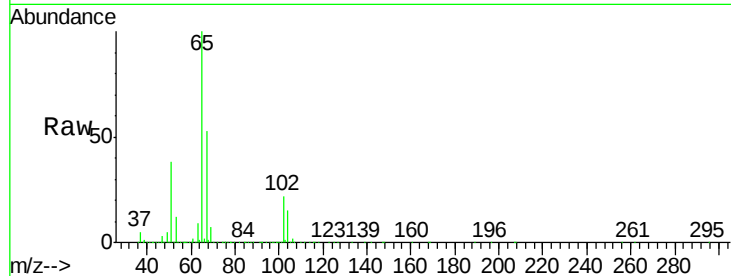
67 52.4 0.0 105.0

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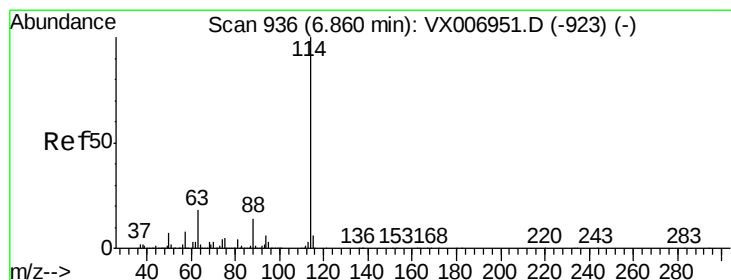
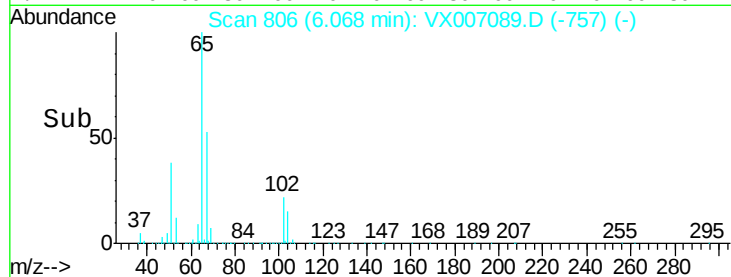
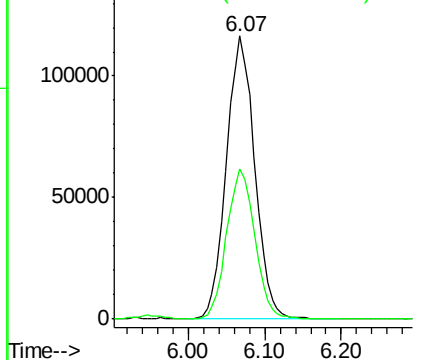
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX007089.D

Acq: 17 Jan 2019 15:23

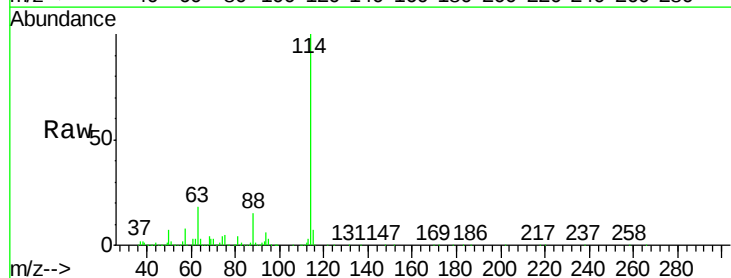
Tgt Ion: 114 Resp: 876695

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

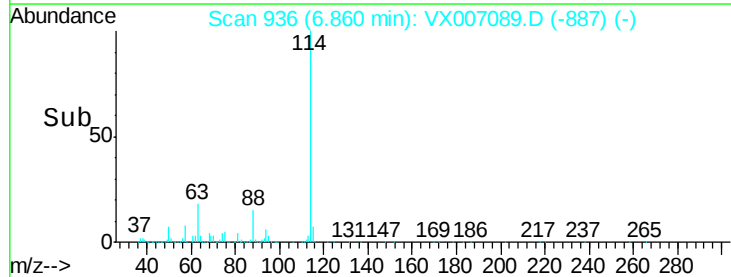
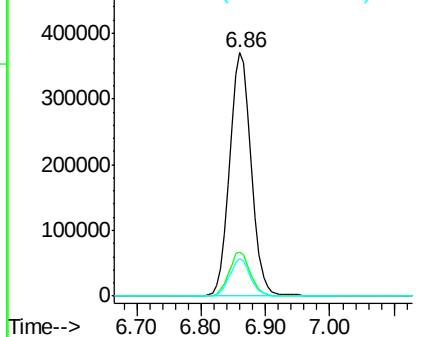
88 15.3 0.0 28.8

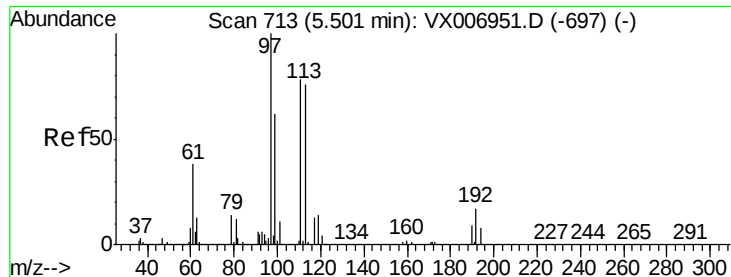


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.198 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

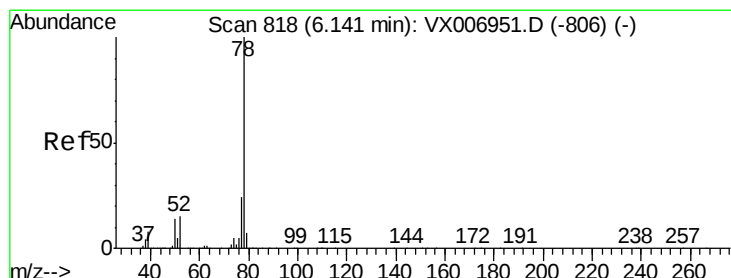
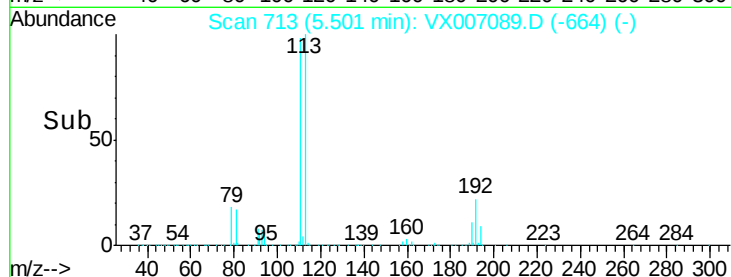
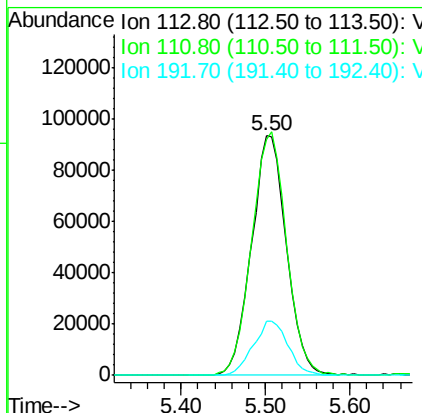
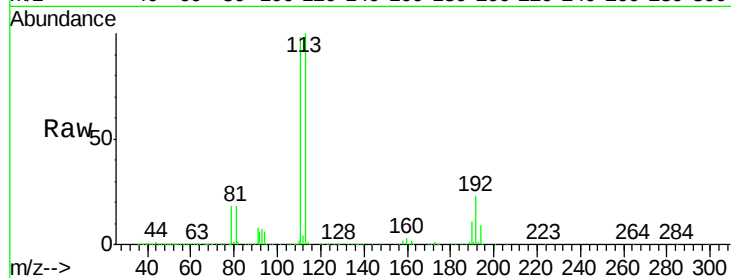
ClientSampleId :

SS038MW004-190115

Tot Ion:	113	Resp:	264983
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.6	122.4
192	22.7	16.7	25.1

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#40

Benzene

Concen: 0.369 ug/l

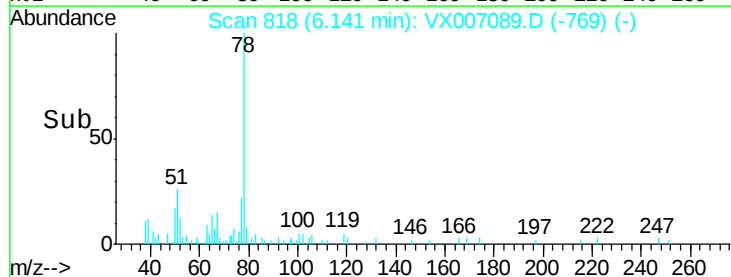
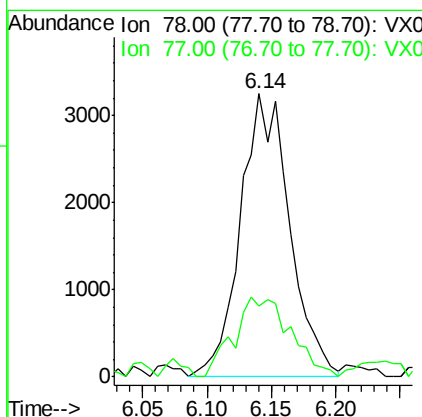
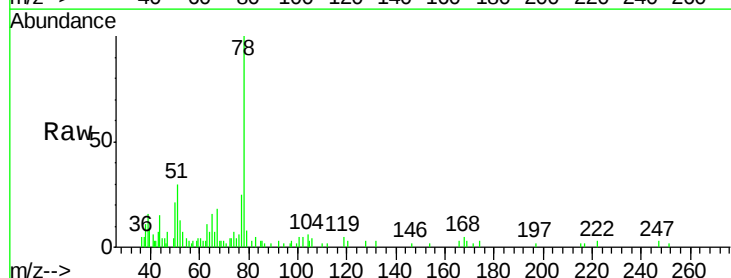
RT: 6.14 min Scan# 818

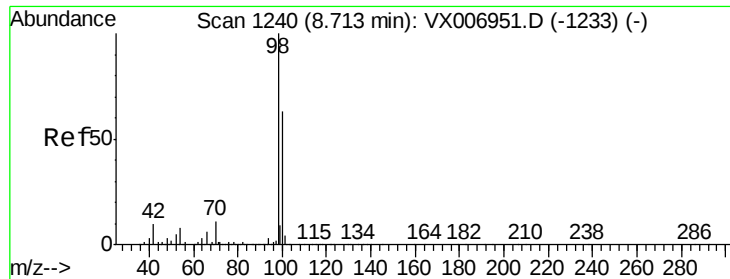
Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Tgt Ion:	78	Resp:	8588
Ion Ratio	Lower	Upper	
78	100		
77	25.0	19.2	28.8





#50

Toluene-d8

Concen: 51.185 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion: 98 Resp: 1051860

Ion Ratio Lower Upper

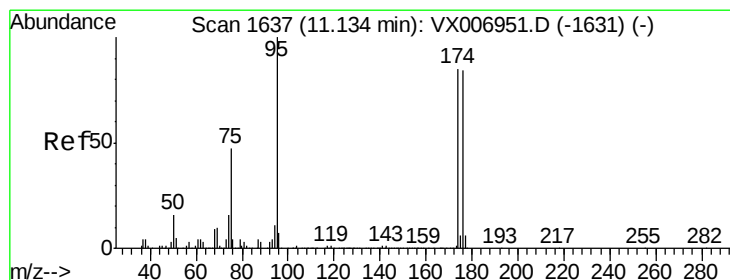
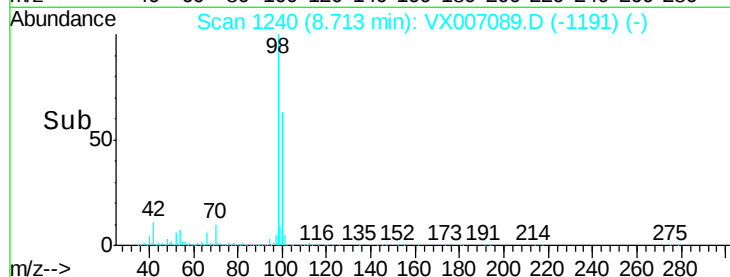
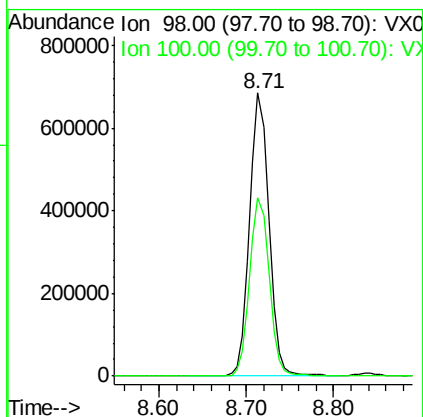
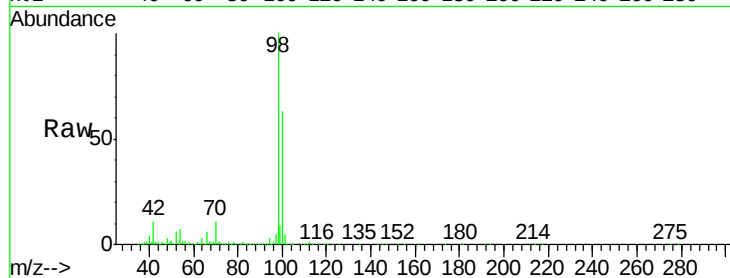
98 100

100 64.1 52.0 78.0

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#62

4-Bromofluorobenzene

Concen: 54.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

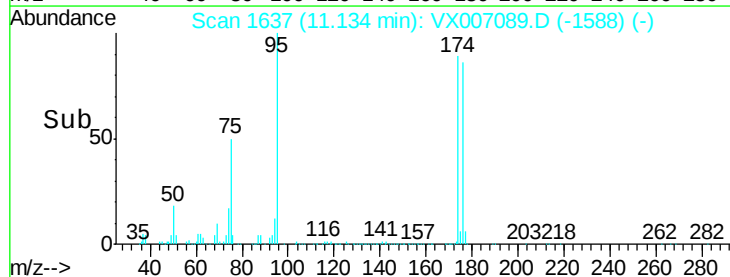
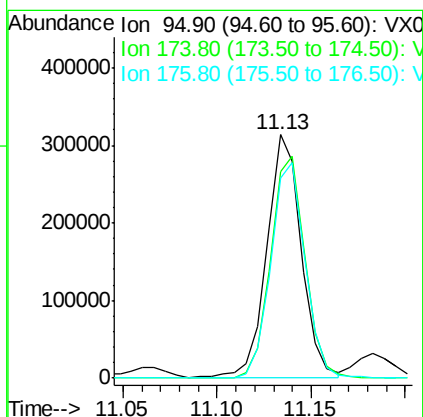
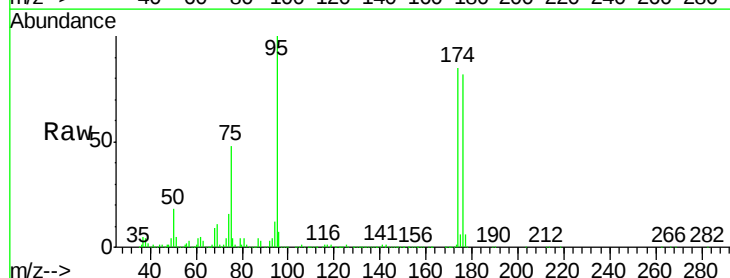
Tgt Ion: 95 Resp: 393103

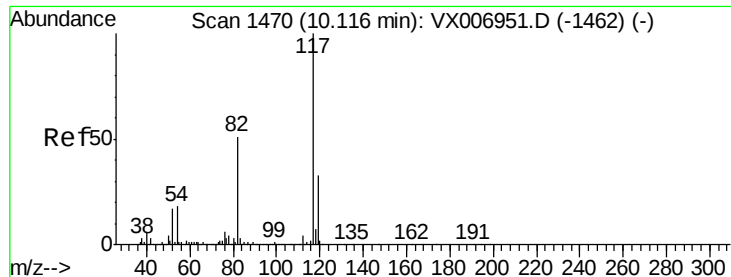
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

176 89.2 0.0 178.8





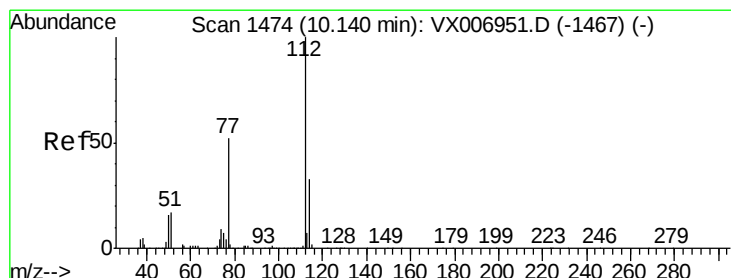
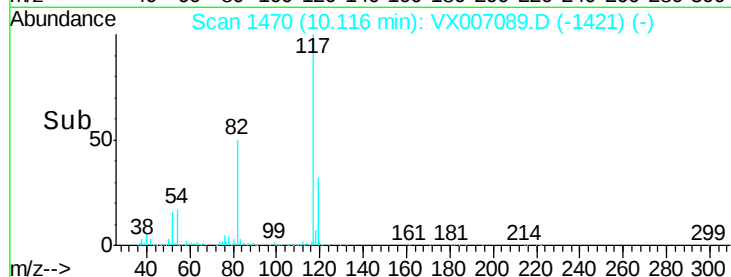
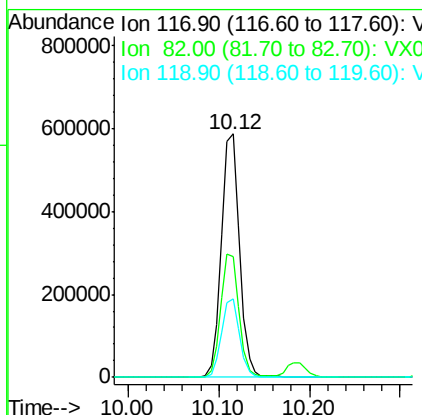
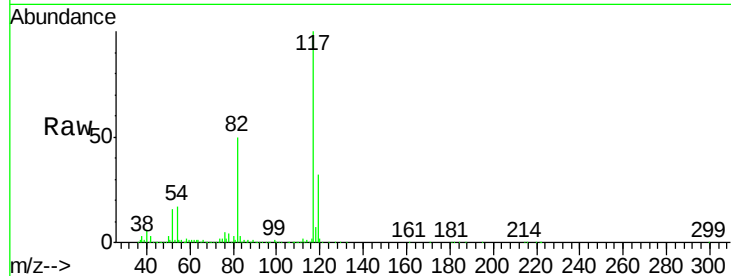
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190115

Tot Ion	Ratio	Resp	Lower	Upper
117	100	822027		
82	49.5		41.0	61.6
119	32.0		25.4	38.0

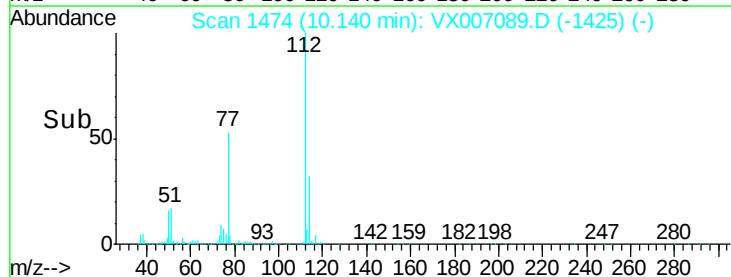
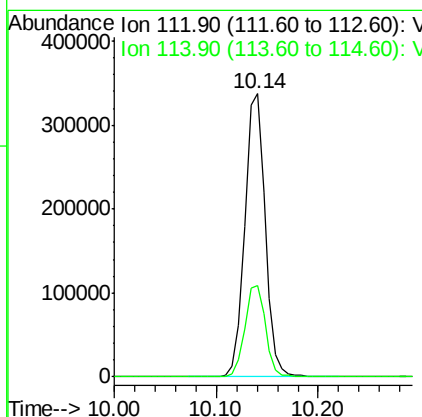
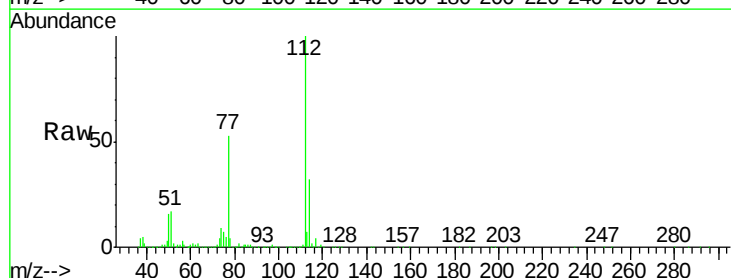
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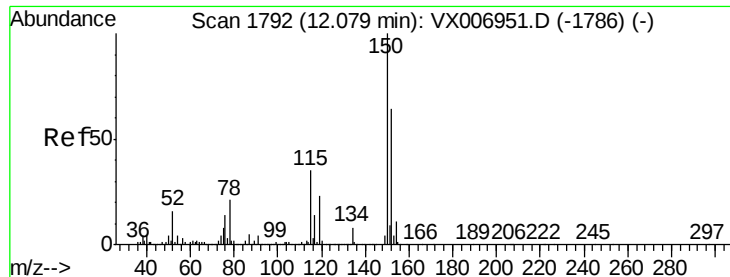
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#65
Chlorobenzene
Concen: 26.169 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	469187		
114	32.1		25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion:152 Resp: 429698

Ion Ratio Lower Upper

152 100

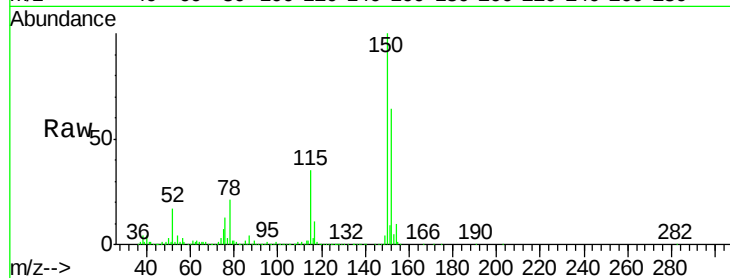
115 55.6 39.1 117.2

150 157.0 0.0 344.8

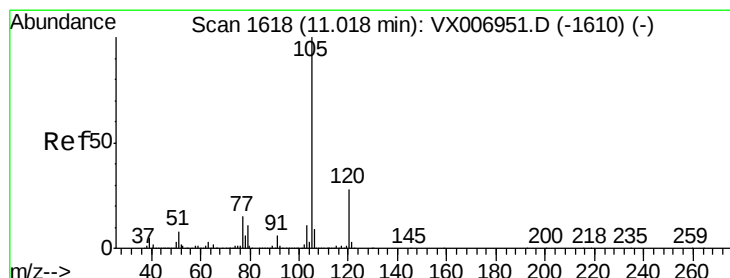
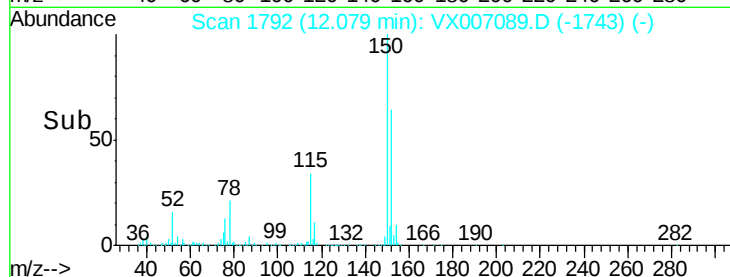
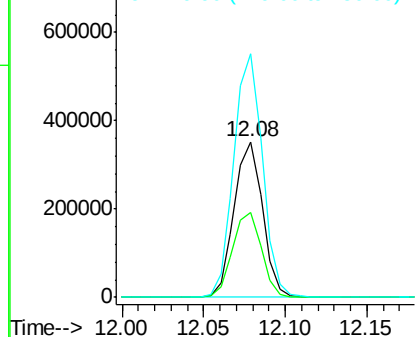
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.476 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007089.D

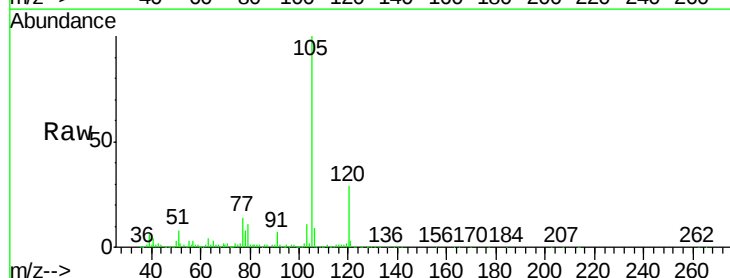
Acq: 17 Jan 2019 15:23

Tgt Ion:105 Resp: 75033

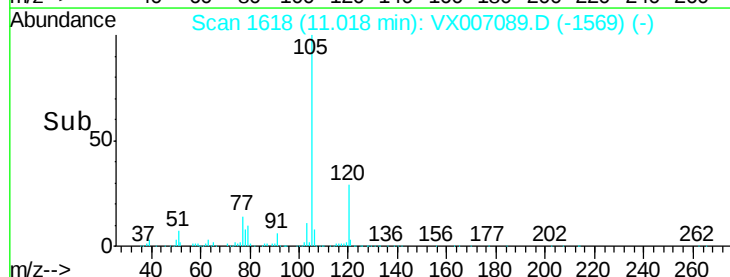
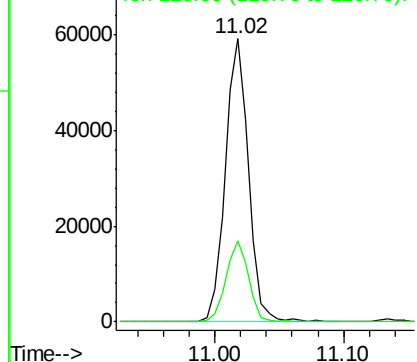
Ion Ratio Lower Upper

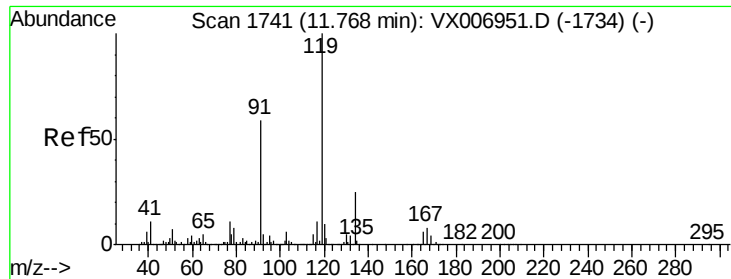
105 100

120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





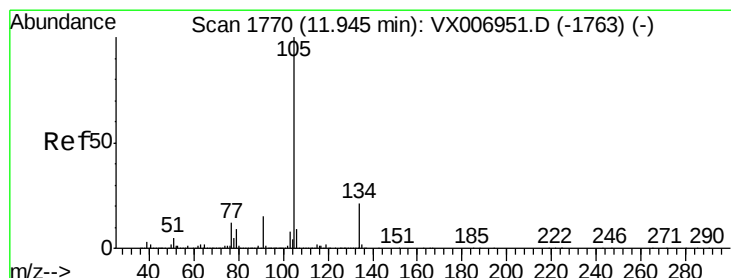
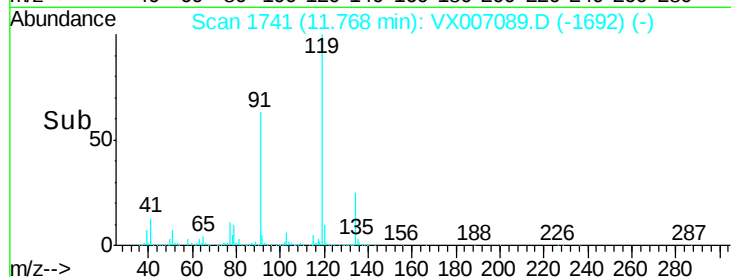
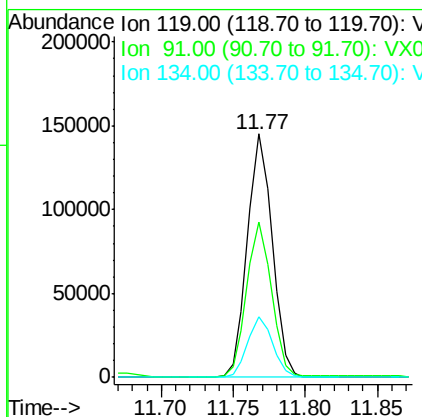
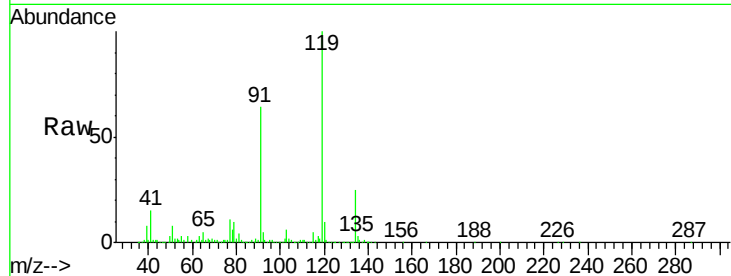
#83
tert-Butylbenzene
Concen: 6.895 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190115

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174170		
91	64.2		27.7	83.1
134	25.1		11.9	35.5

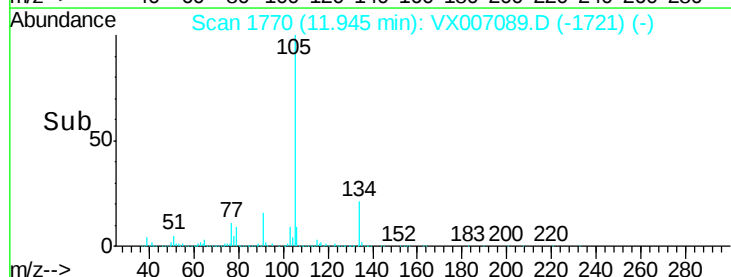
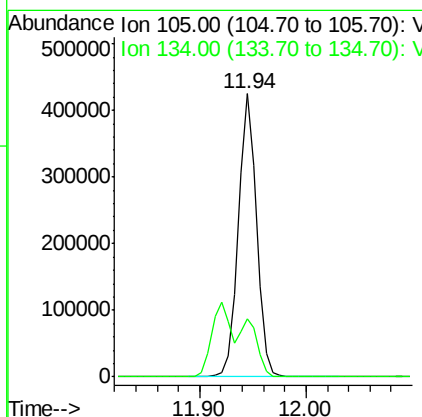
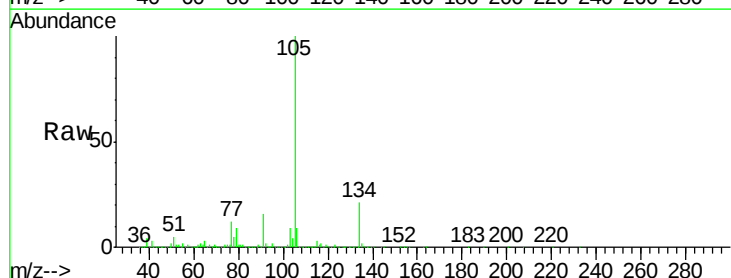
Manual Integrations
APPROVED

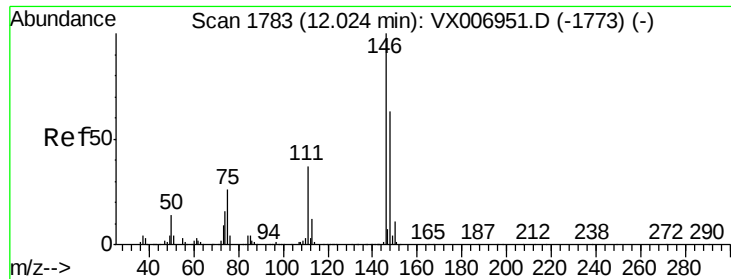
MMDadoda
1/18/2019 10:23:49 AM



#85
sec-Butylbenzene
Concen: 16.983 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007089.D
Acq: 17 Jan 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	512345		
134	19.4		10.7	31.9





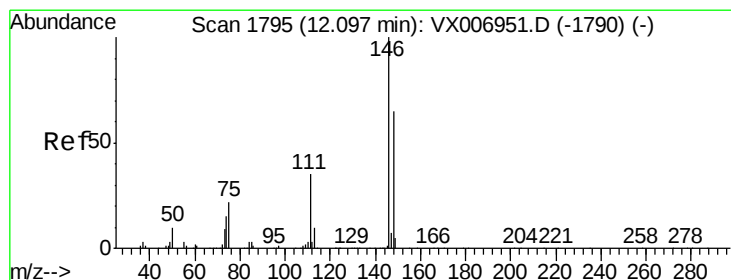
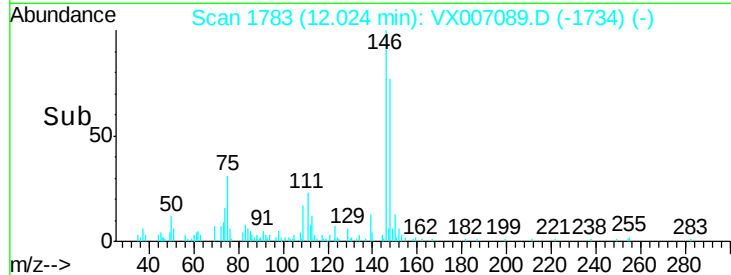
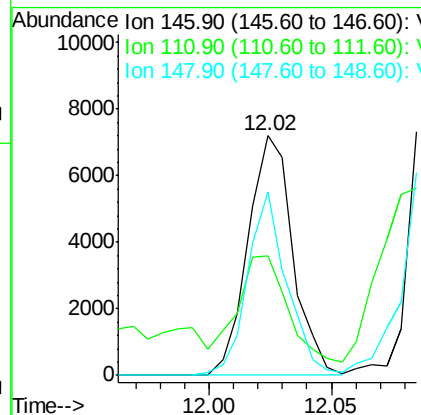
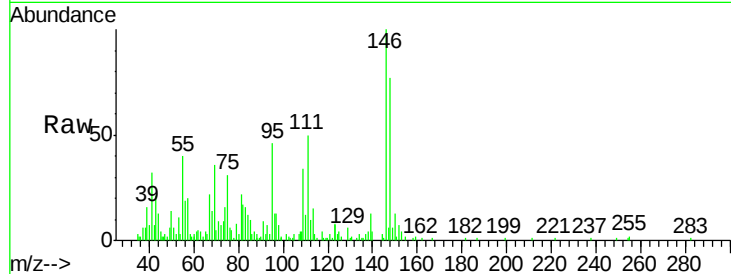
#87
 1,3-Dichlorobenzene
 Concen: 0.608 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190115

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.0	18.6	55.8
148	67.2	31.8	95.3

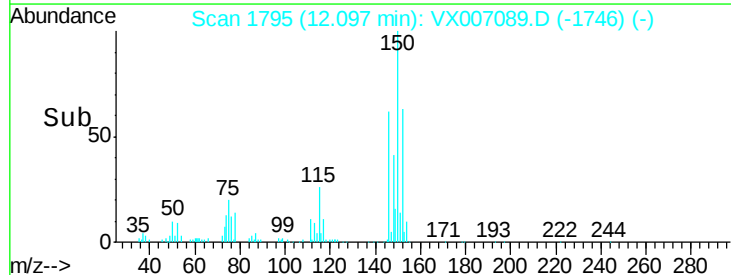
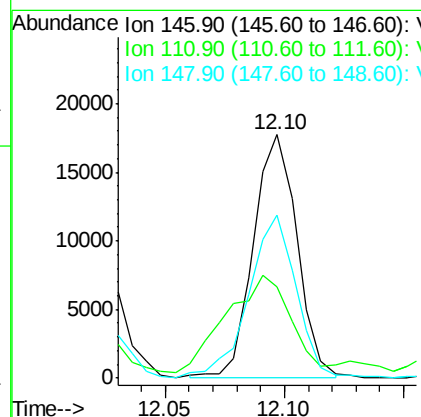
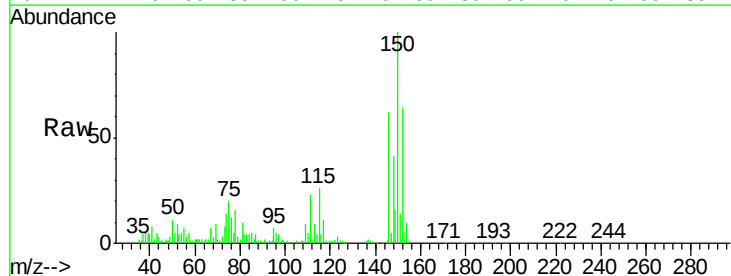
Manual Integrations
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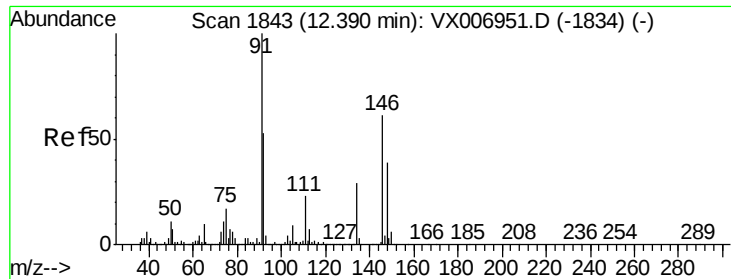
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#88
 1,4-Dichlorobenzene
 Concen: 1.719 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007089.D
 Acq: 17 Jan 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	20.6	18.1	54.1
148	27.3	31.9	95.9#





#91

1,2-Dichlorobenzene

Concen: 0.441 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007089.D

Acq: 17 Jan 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190115

Tot Ion	Ratio	Lower	Upper
146	100		
111	59.4	19.4	58.2#
148	71.7	32.3	96.9

Manual Integrations
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