

Data Path : W:\HPCHEM1\MSVOA X\DATA\X033018\
 Data File : VX000564.D
 Acq On : 30 Mar 2018 17:06
 Operator : JC/MD
 Sample : J2139-11
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-2

Manual Integrations
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sam
 4/4/2018 10:29:25 AM

Quant Time: Apr 04 11:31:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	265857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	101182	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	5.52	113	77802	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
50) Toluene-d8	8.73	98	333039	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.15	95	131896	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1109	0.63	ug/l	91
5) Bromomethane	1.64	94	6377	2.93	ug/l	99
20) Methylene Chloride	2.85	84	2704	1.43	ug/l	97
40) Benzene	6.15	78	126537	17.50	ug/l	100
52) Toluene	8.79	92	157155	31.08	ug/l	100
67) Ethyl Benzene	10.26	91	46392	4.54	ug/l	97
68) m/p-Xylenes	10.37	106	166820	41.45	ug/l	94
69) o-Xylene	10.71	106	61645	15.82	ug/l	98
70) Styrene	10.73	104	102741	15.94	ug/l	96
73) Isopropylbenzene	11.02	105	6018	0.54	ug/l	93
74) N-amyl acetate	6.52	43	1627	Below Cal	#	59
78) n-propylbenzene	11.37	91	5848	0.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	90096	9.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	204252	20.91	ug/l	98

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

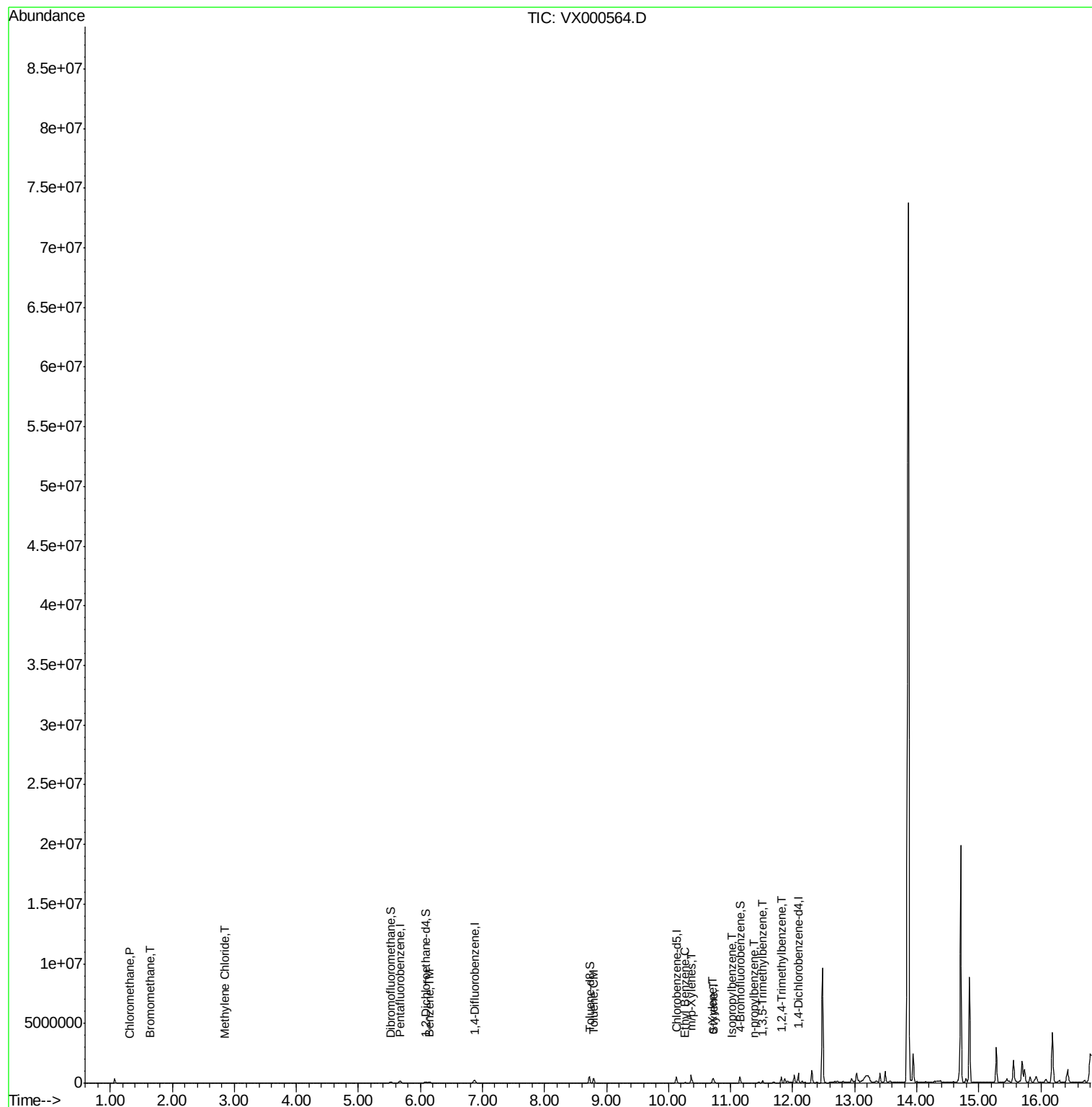
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
Data File : VX000564.D
Acq On : 30 Mar 2018 17:06
Operator : JC/MD
Sample : J2139-11
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

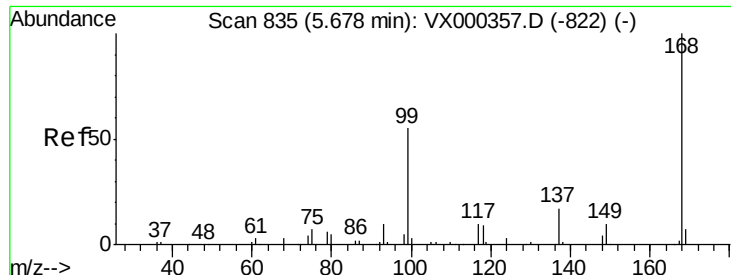
Instrument :
MSVOA_X
ClientSampleId :
PAD-2

Quant Time: Apr 04 11:31:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

PAD-2

Tot Ion:168 Resp: 150443

Ion Ratio Lower Upper

168 100

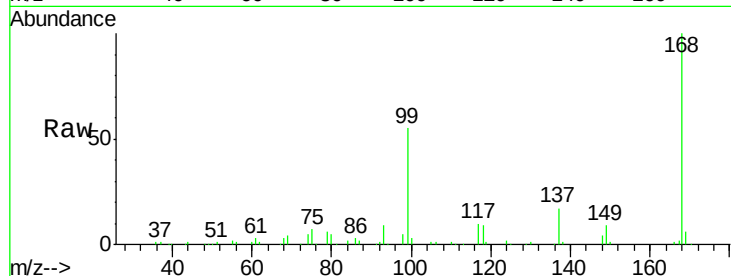
99 54.8 45.8 68.6

Manual Integrations

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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

60000

50000

40000

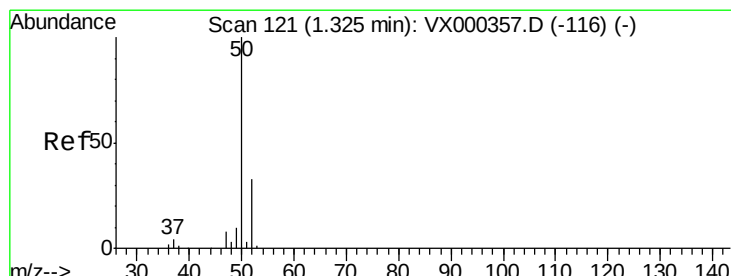
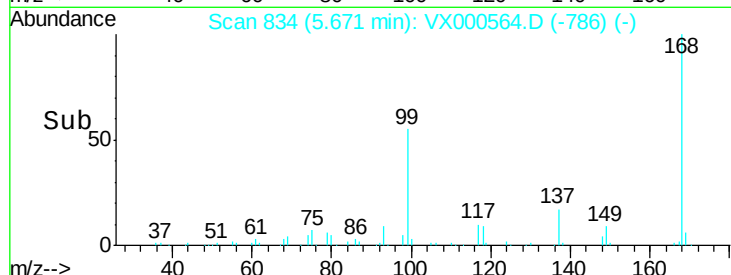
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 0.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000564.D

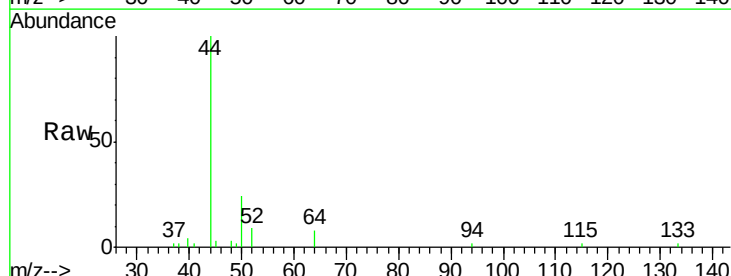
Acq: 30 Mar 2018 17:06

Tgt Ion: 50 Resp: 1109

Ion Ratio Lower Upper

50 100

52 39.4 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

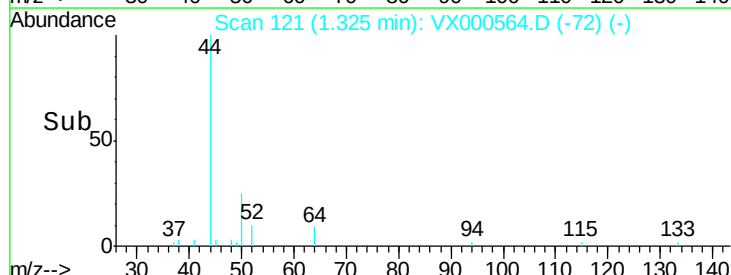
600

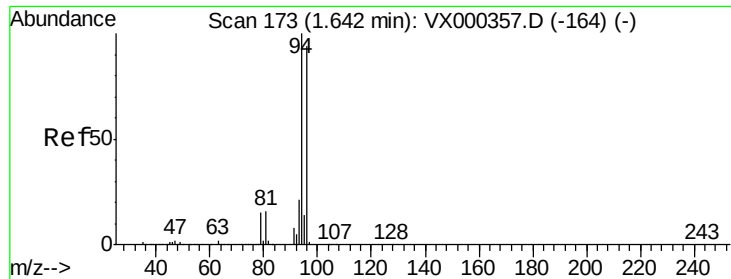
400

200

0

Time-->





#5

Bromomethane

Concen: 2.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

PAD-2

Tot Ion: 94 Resp: 6377

Ion Ratio Lower Upper

94 100

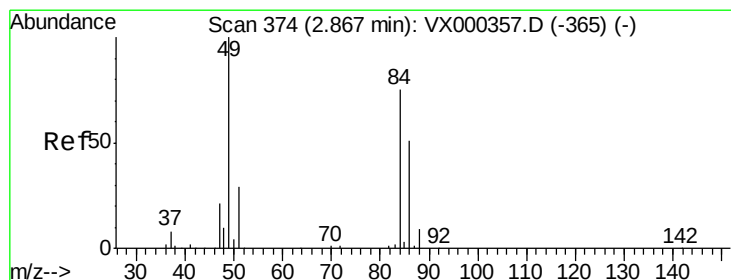
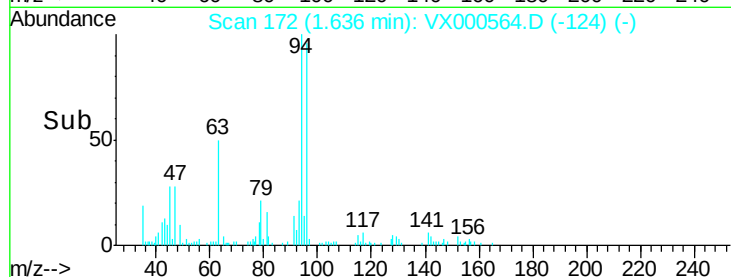
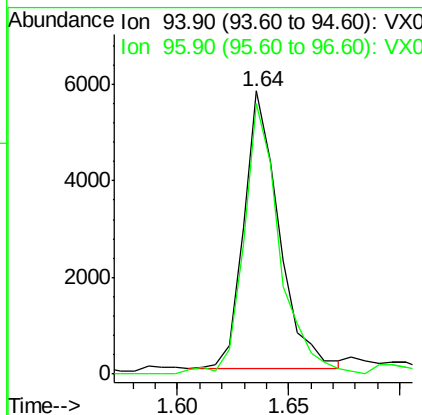
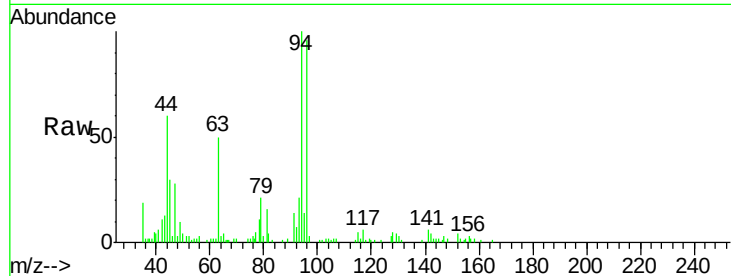
96 95.6 77.7 116.5

Manual Integrations

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#20

Methylene Chloride

Concen: 1.43 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.02 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Tgt Ion: 84 Resp: 2704

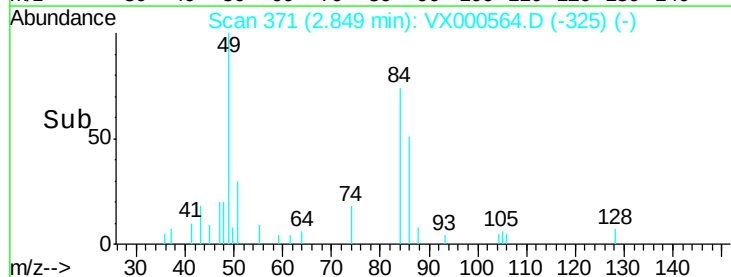
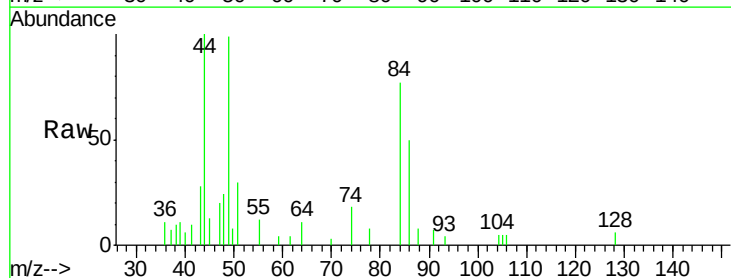
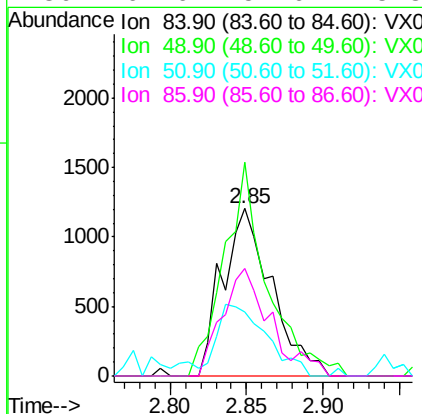
Ion Ratio Lower Upper

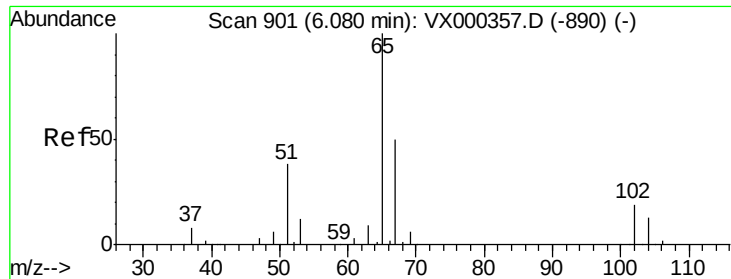
84 100

49 127.5 100.6 151.0

51 34.0 31.6 47.4

86 64.6 52.6 78.8





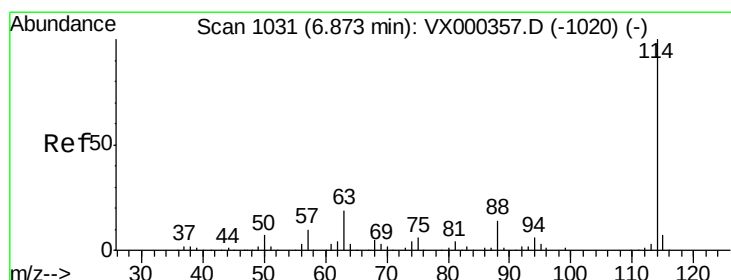
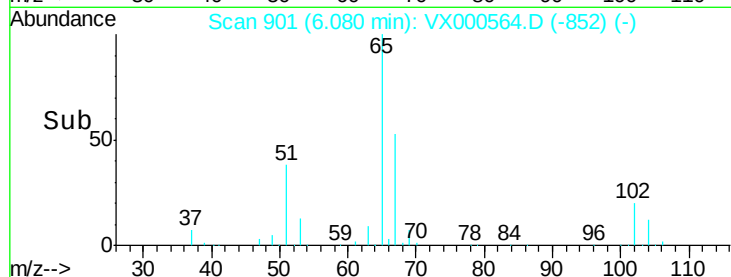
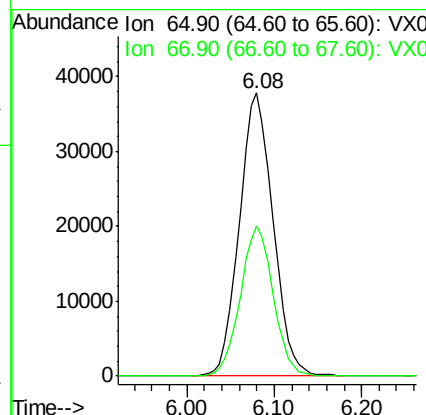
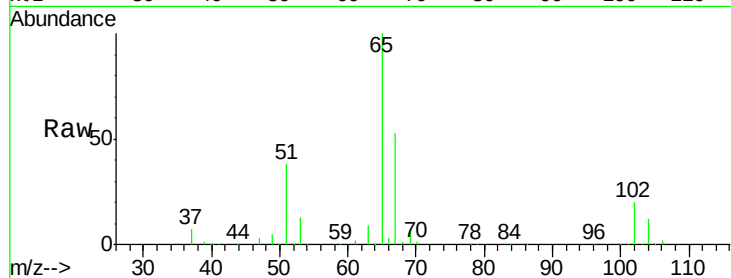
#33
 1,2-Dichloroethane-d4
 Concen: 51.52 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000564.D
 Acq: 30 Mar 2018 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101182		
67	51.5	0.0	103.2	

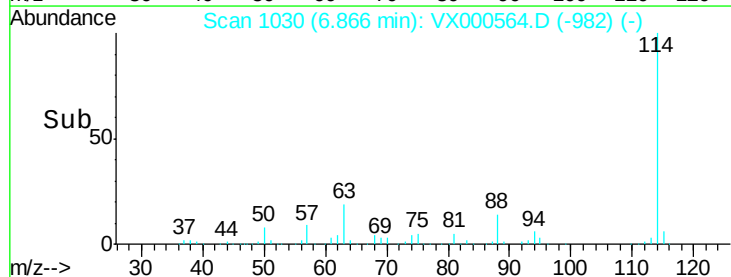
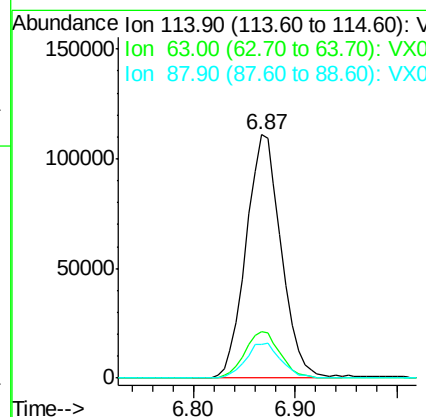
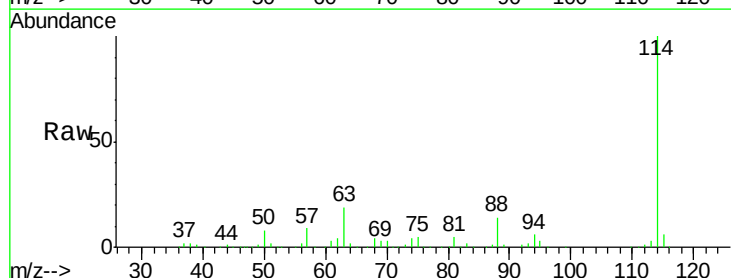
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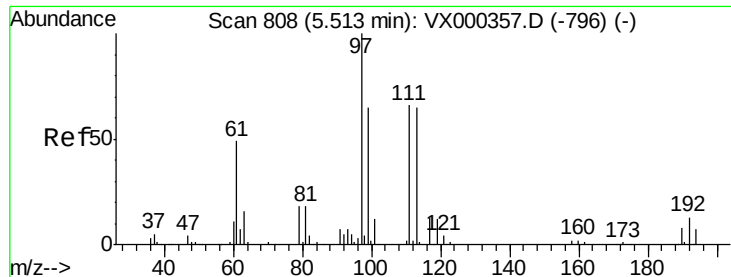
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000564.D
 Acq: 30 Mar 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	265857		
63	18.9	0.0	38.4	
88	13.6	0.0	27.0	





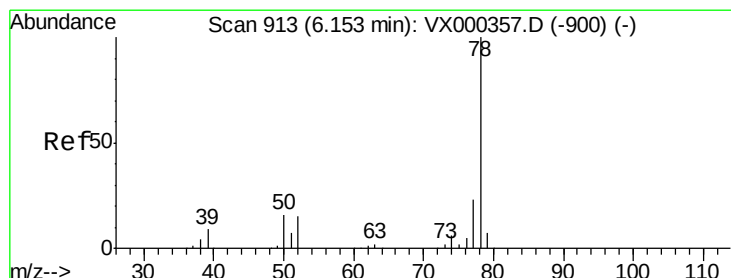
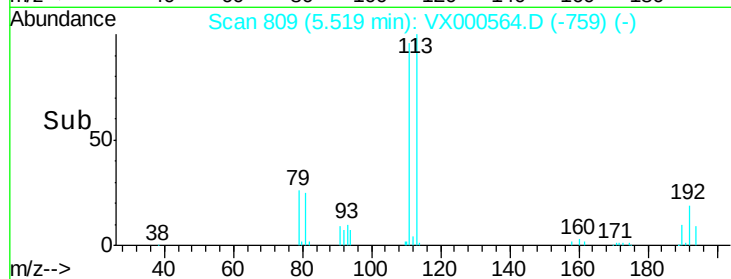
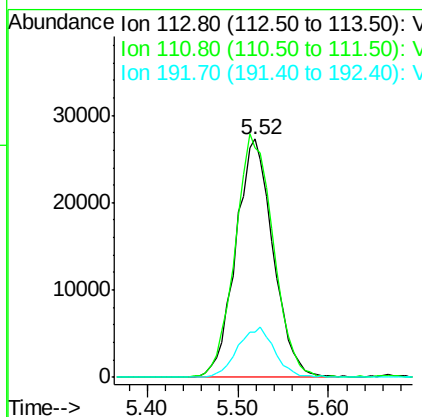
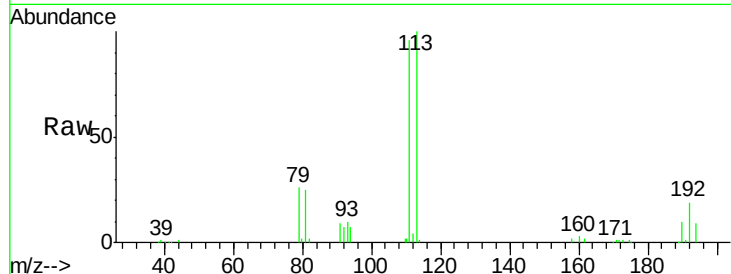
#35
 Dibromofluoromethane
 Concen: 46.45 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000564.D
 Acq: 30 Mar 2018 17:06

Instrument :
 MSVOA_X
 ClientSampled :
 PAD-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	20.8	15.8	23.6

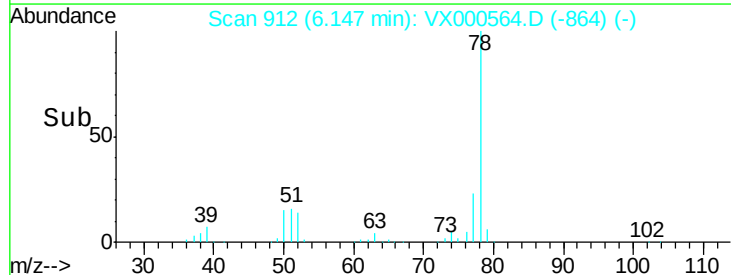
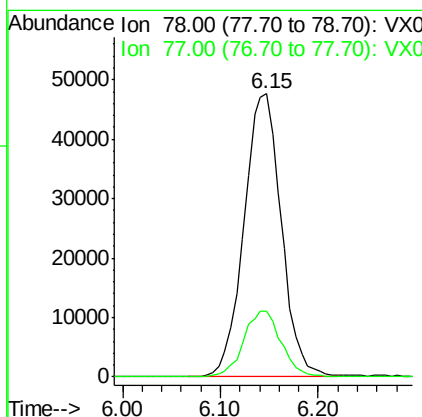
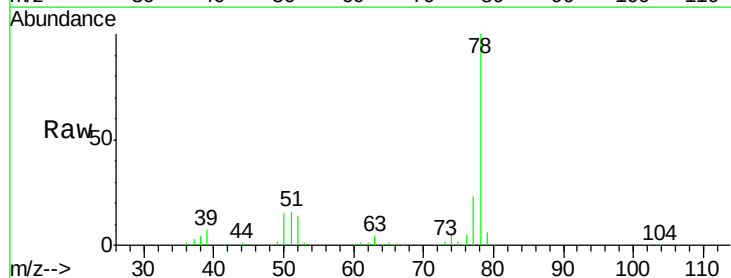
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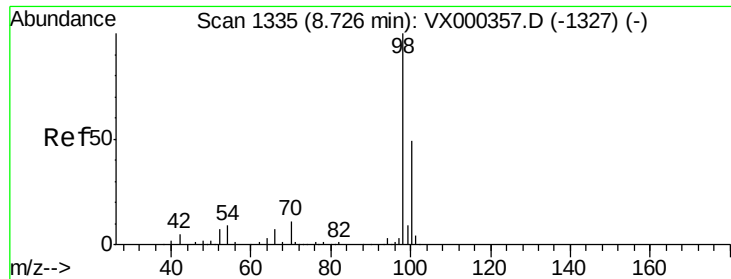
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#40
 Benzene
 Concen: 17.50 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VX000564.D
 Acq: 30 Mar 2018 17:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





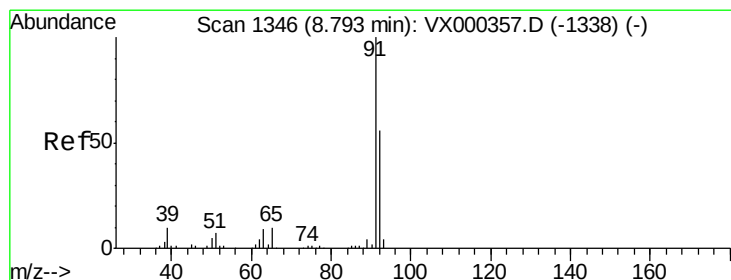
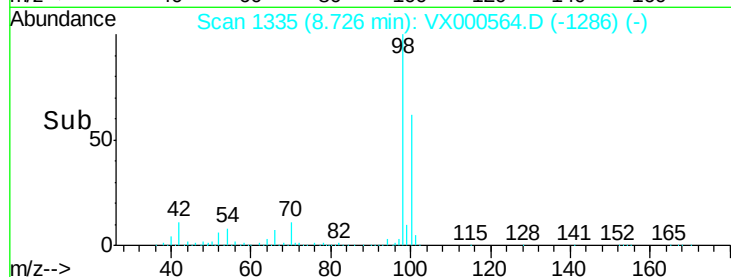
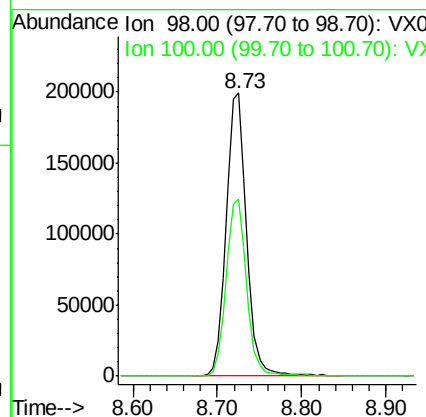
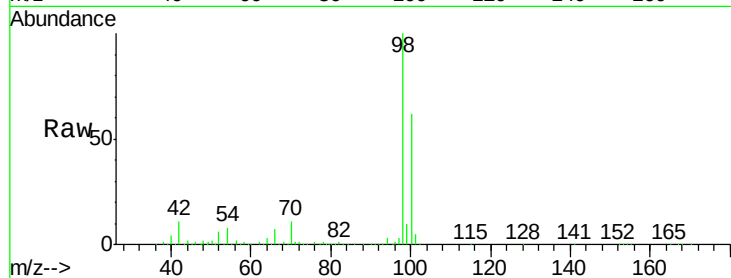
#50
Toluene-d8
Concen: 48.00 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Instrument :
MSVOA_X
ClientSampled :
PAD-2

Tot Ion: 98 Resp: 333039
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8

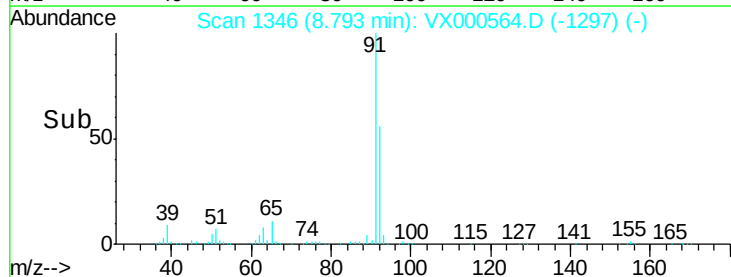
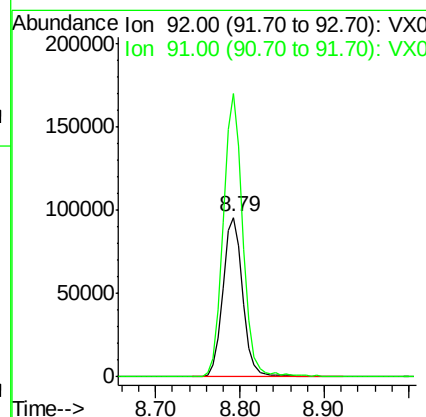
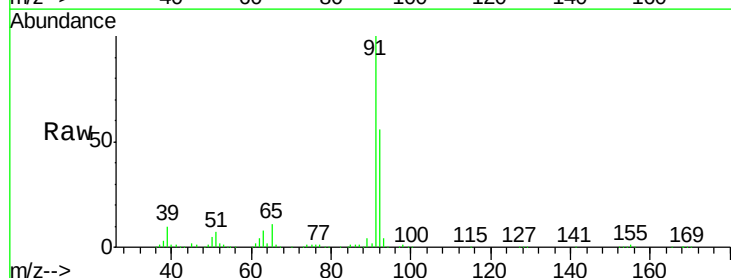
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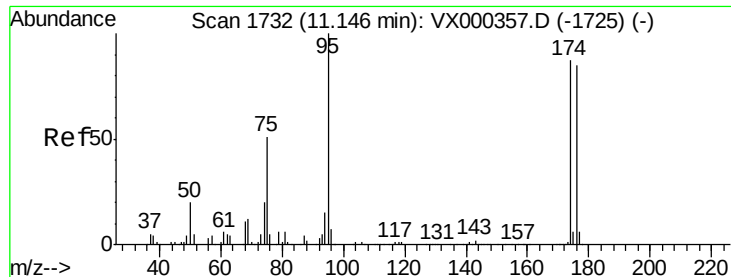
sam
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#52
Toluene
Concen: 31.08 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Tgt Ion: 92 Resp: 157155
Ion Ratio Lower Upper
92 100
91 174.7 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 45.61 ug/l

RT: 11.15 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

PAD-2

Tot Ion: 95 Resp: 131896

Ion Ratio Lower Upper

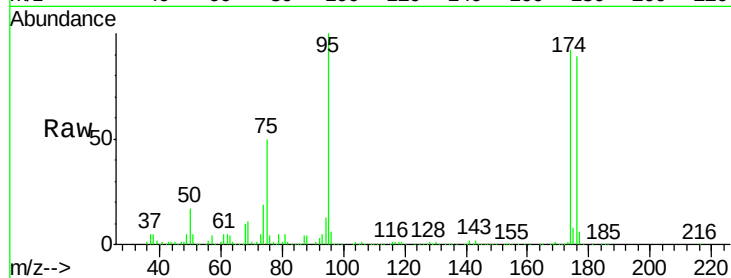
95 100

174 88.8 0.0 173.6

176 85.4 0.0 164.6

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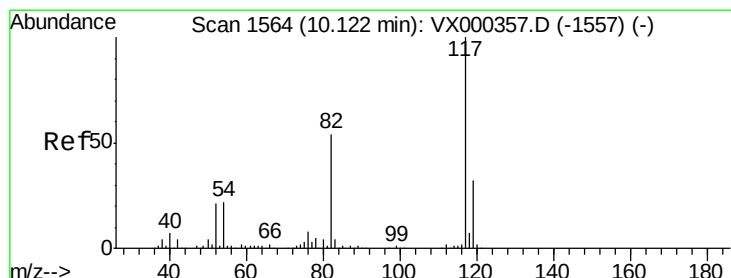
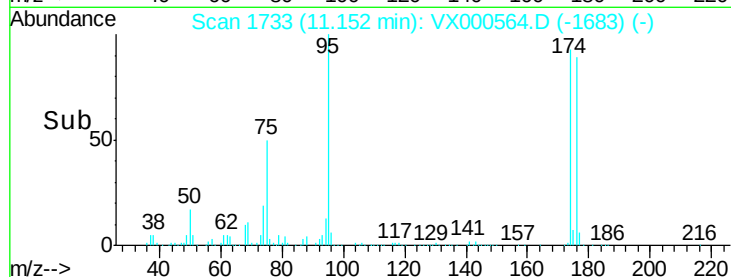
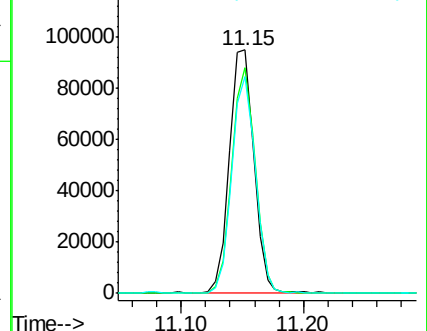
sam
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Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

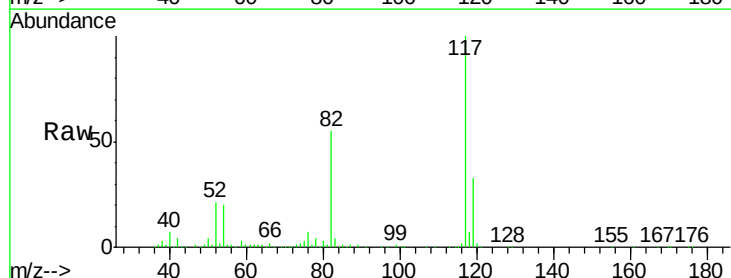
Tgt Ion: 117 Resp: 271091

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

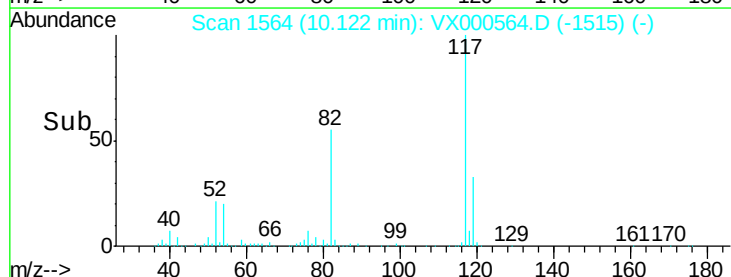
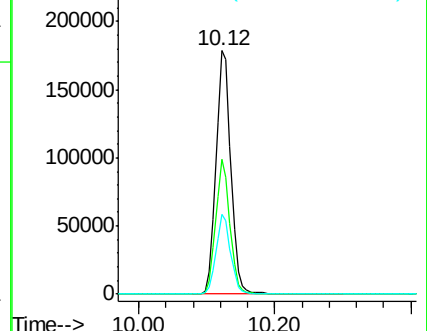
119 33.0 24.9 37.3

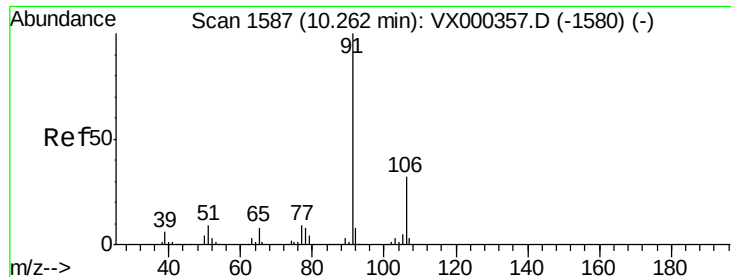


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





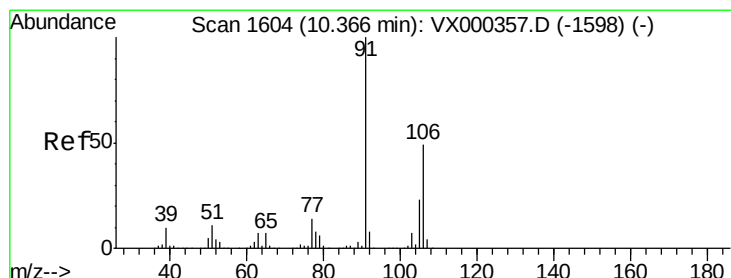
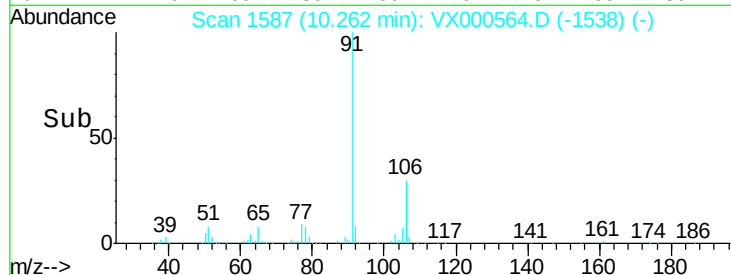
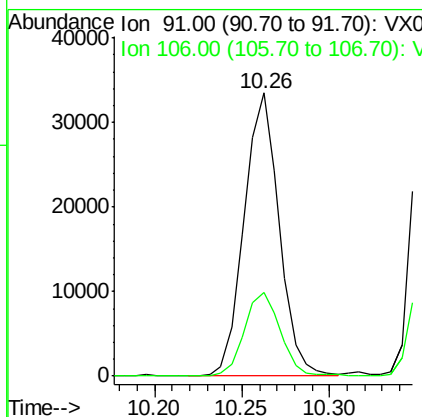
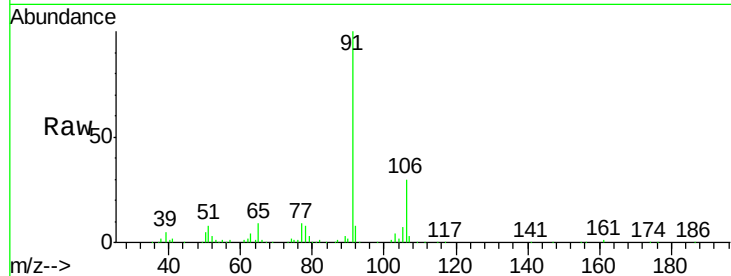
#67
Ethyl Benzene
Concen: 4.54 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Instrument :
MSVOA_X
ClientSampled :
PAD-2

Tot Ion: 91 Resp: 46392
Ion Ratio Lower Upper
91 100
106 29.4 25.0 37.6

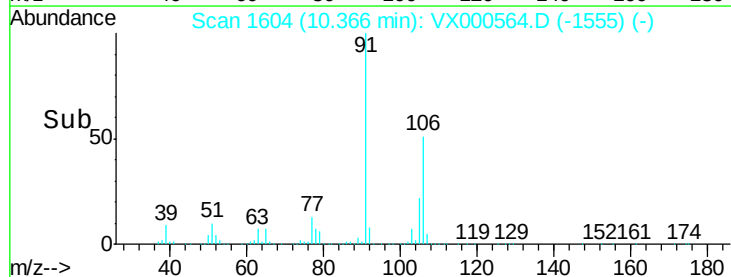
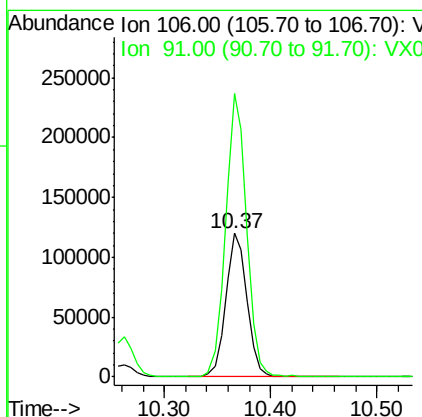
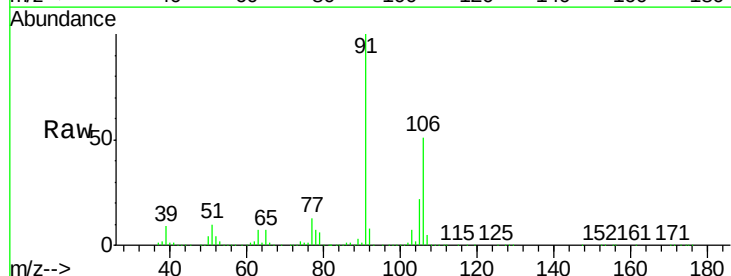
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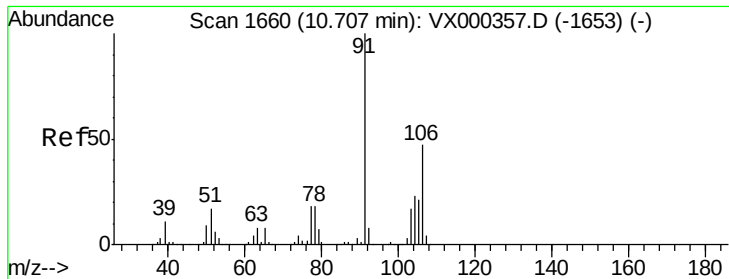
sam
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#68
m/p-Xylenes
Concen: 41.45 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Tgt Ion: 106 Resp: 166820
Ion Ratio Lower Upper
106 100
91 194.5 163.4 245.2





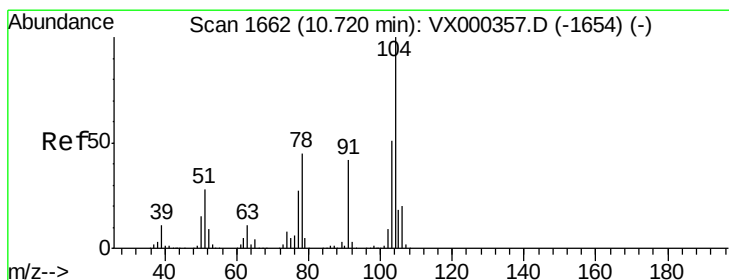
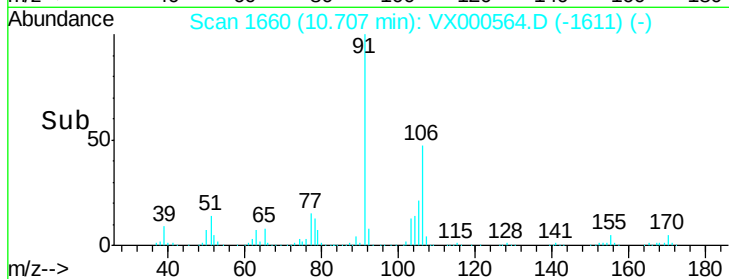
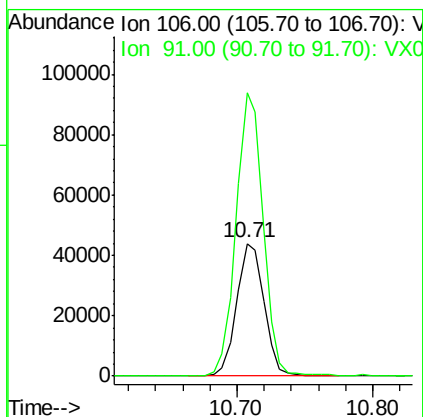
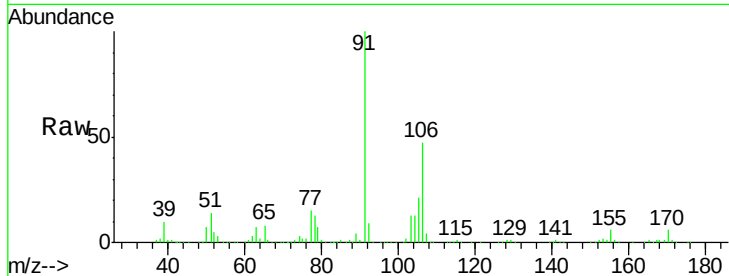
#69
o-Xylene
Concen: 15.82 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Instrument :
MSVOA_X
ClientSampled :
PAD-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		61645		
91	210.4	106.5	319.6		

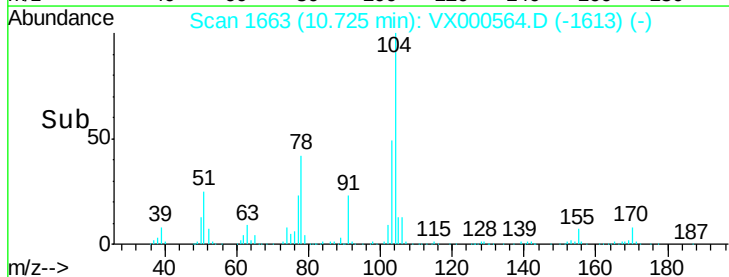
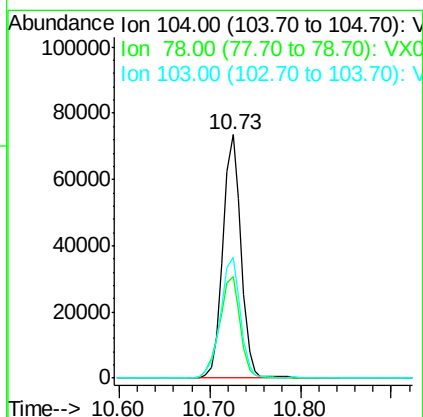
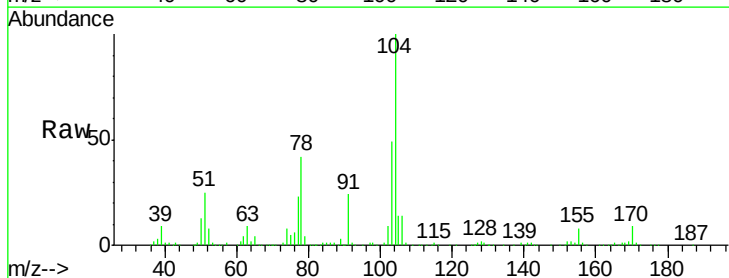
Manual Integrations
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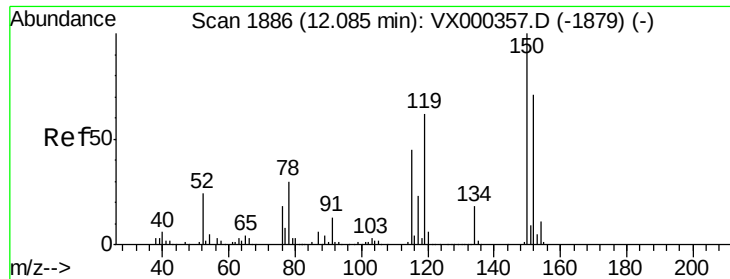
sam
4/4/2018 10:29:25 AM



#70
Styrene
Concen: 15.94 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VX000564.D
Acq: 30 Mar 2018 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		102741		
78	47.2	40.5	60.7		
103	54.4	45.7	68.5		





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

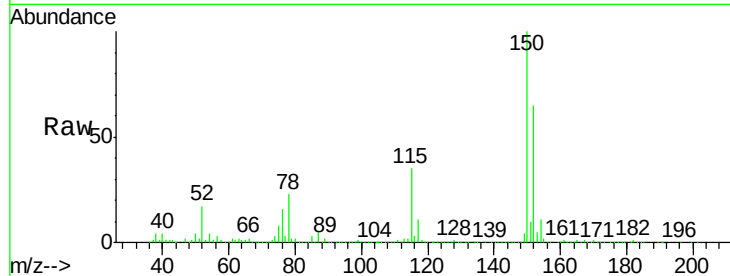
ClientSampled :

PAD-2

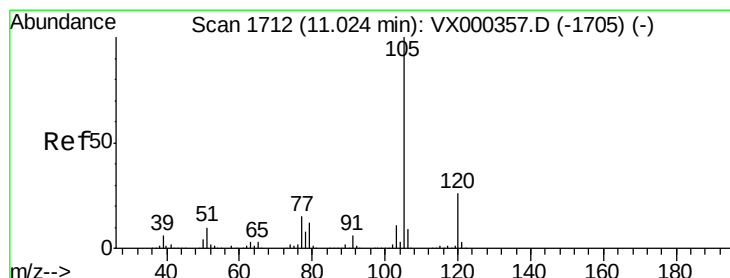
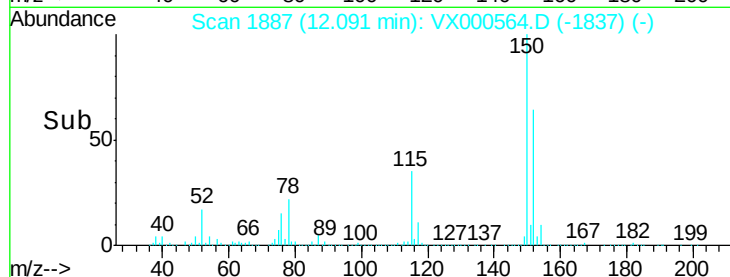
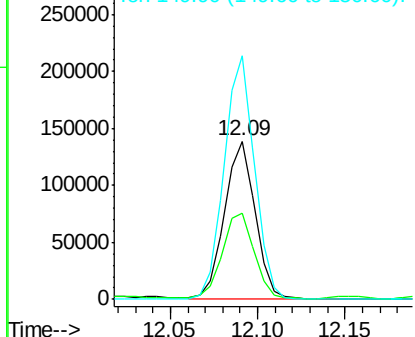
Tot Ion:	152	Resp:	167226
Ion Ratio	Lower	Upper	
152	100		
115	56.4	39.8	119.3
150	154.8	0.0	344.4

Manual Integrations
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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: 0.54 ug/l

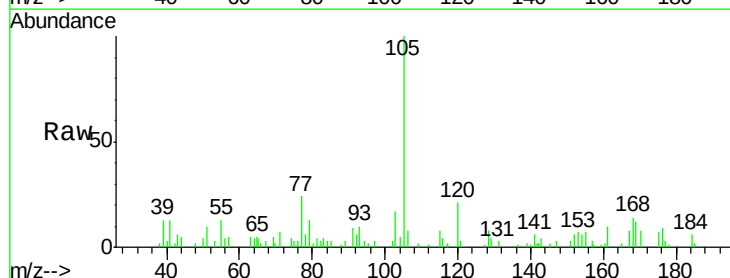
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

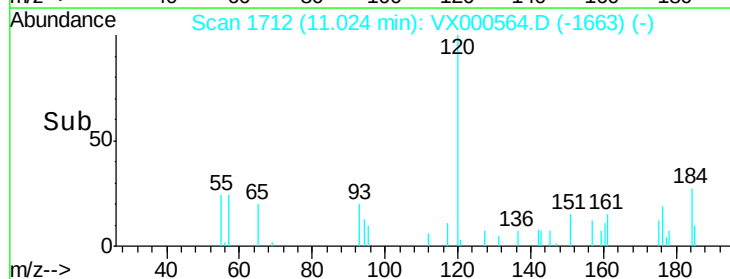
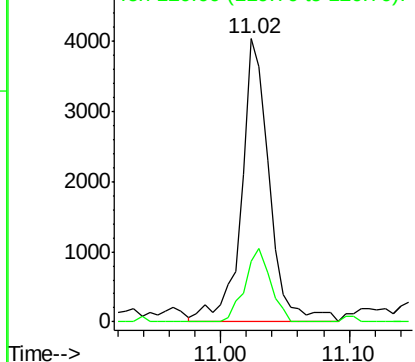
Lab File: VX000564.D

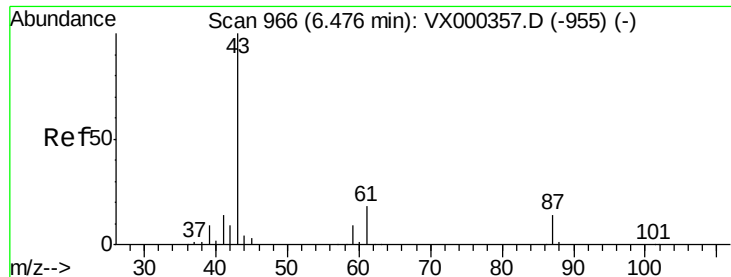
Acq: 30 Mar 2018 17:06

Tgt Ion:	105	Resp:	6018
Ion Ratio	Lower	Upper	
105	100		
120	23.7	13.6	40.7



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





#74

N-amvl acetate

Concen: Below Cal

RT: 6.52 min Scan# 974

Delta R.T. 0.05 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

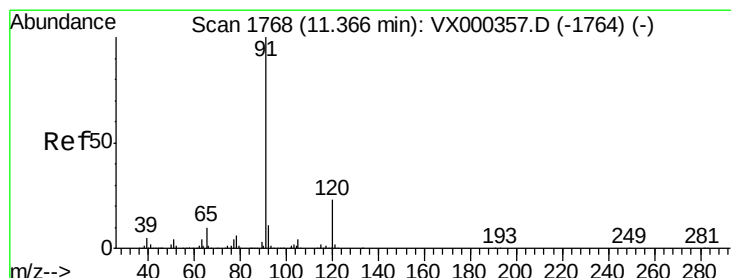
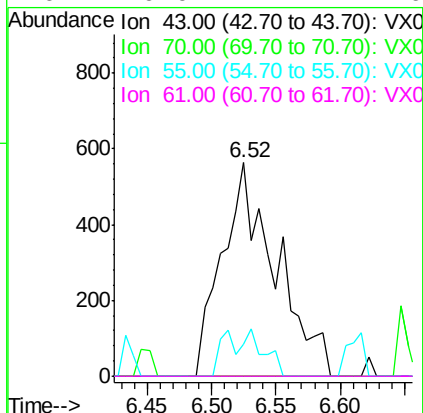
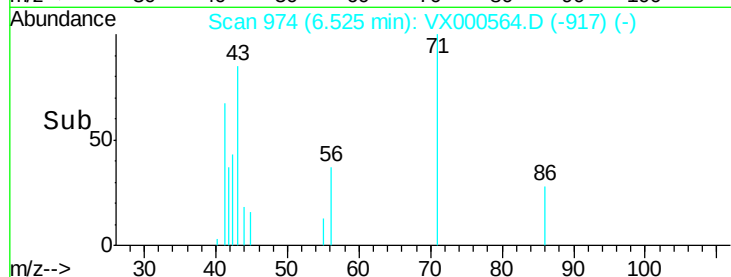
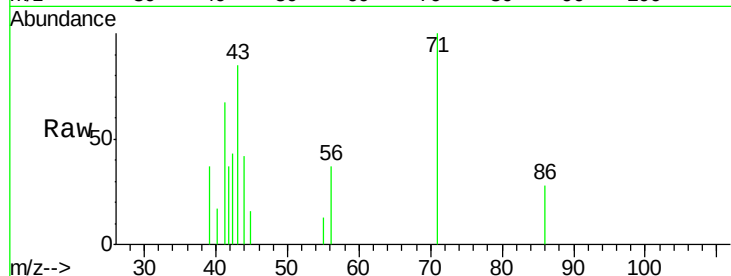
ClientSampled :

PAD-2

Tot Ion:	43	Resp:	1627
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	6.2	0.0	0.0#
61	0.0	14.4	21.6#

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#78

n-propylbenzene

Concen: 0.44 ug/l

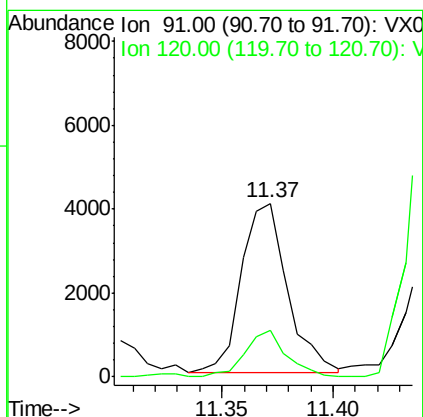
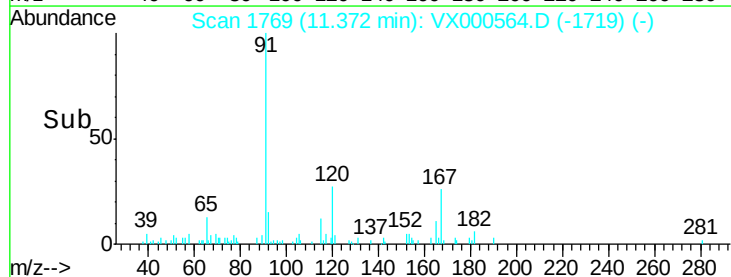
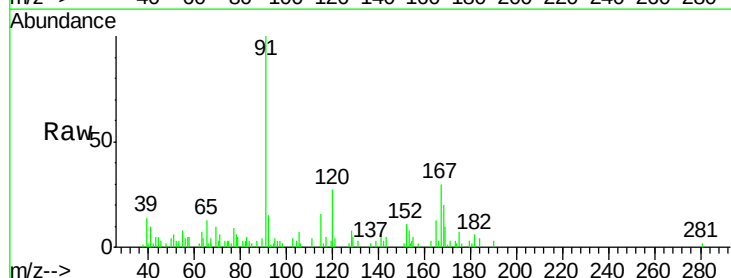
RT: 11.37 min Scan# 1769

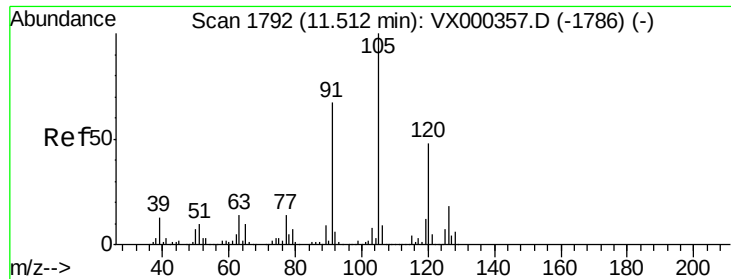
Delta R.T. 0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Tgt Ion:	91	Resp:	5848
Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.8	35.3





#80

1,3,5-Trimethylbenzene

Concen: 9.67 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

PAD-2

Tot Ion:105 Resp: 90096

Ion Ratio Lower Upper

105 100

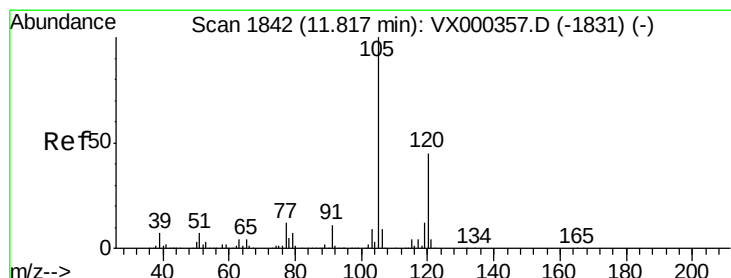
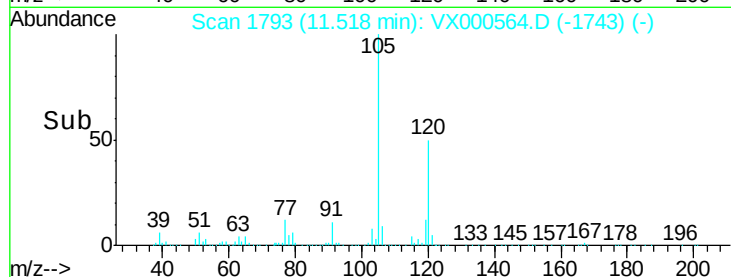
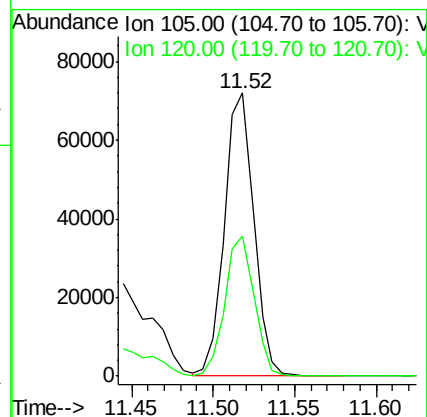
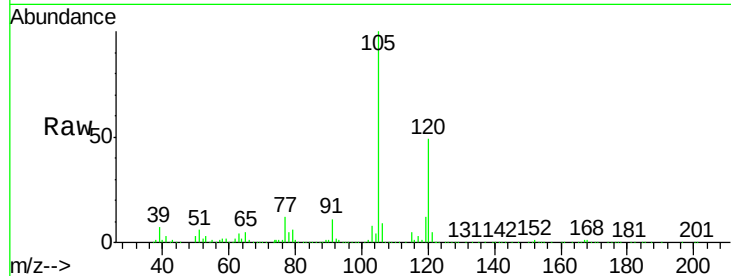
120 49.8 24.1 72.4

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 20.91 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000564.D

Acq: 30 Mar 2018 17:06

Tgt Ion:105 Resp: 204252

Ion Ratio Lower Upper

105 100

120 46.2 22.4 67.3

