

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
 Data File : VX004743.D
 Acq On : 27 Sep 2018 00:37
 Operator : JC/MD
 Sample : J5020-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-091918-01

Manual Integrations
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 9/27/2018 12:50:53 PM

Quant Time: Oct 04 01:59:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195436	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	5.51	113	170654	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	8.72	98	552191	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.14	95	209898	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	45166	21.003	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	43312	4.494	ug/l	98
25) 2-Butanone	4.70	43	6626	2.090	ug/l	93
31) Cyclohexane	5.57	56	3119m	0.666	ug/l	
39) Methylcyclohexane	7.46	83	5217	1.158	ug/l	89
40) Benzene	6.14	78	13329	0.965	ug/l	97
52) Toluene	8.79	92	43099	5.680	ug/l	98
67) Ethyl Benzene	10.25	91	28328	1.897	ug/l	95
68) m/p-Xylenes	10.36	106	30630	5.250	ug/l	94
69) o-Xylene	10.70	106	21134	3.944	ug/l	99
73) Isopropylbenzene	11.02	105	86563	6.302	ug/l	99
78) n-propylbenzene	11.36	91	182715	11.593	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	21976	1.554	ug/l	95
83) tert-Butylbenzene	11.77	119	7325	0.648	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	113026	8.542	ug/l	99
85) sec-Butylbenzene	11.94	105	79277	5.755	ug/l	87
86) p-Isopropyltoluene	12.07	119	10422	0.835	ug/l	90
89) n-Butylbenzene	12.39	91	50324	4.440	ug/l #	72
95) Naphthalene	13.83	128	3098746	169.209	ug/l	99

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

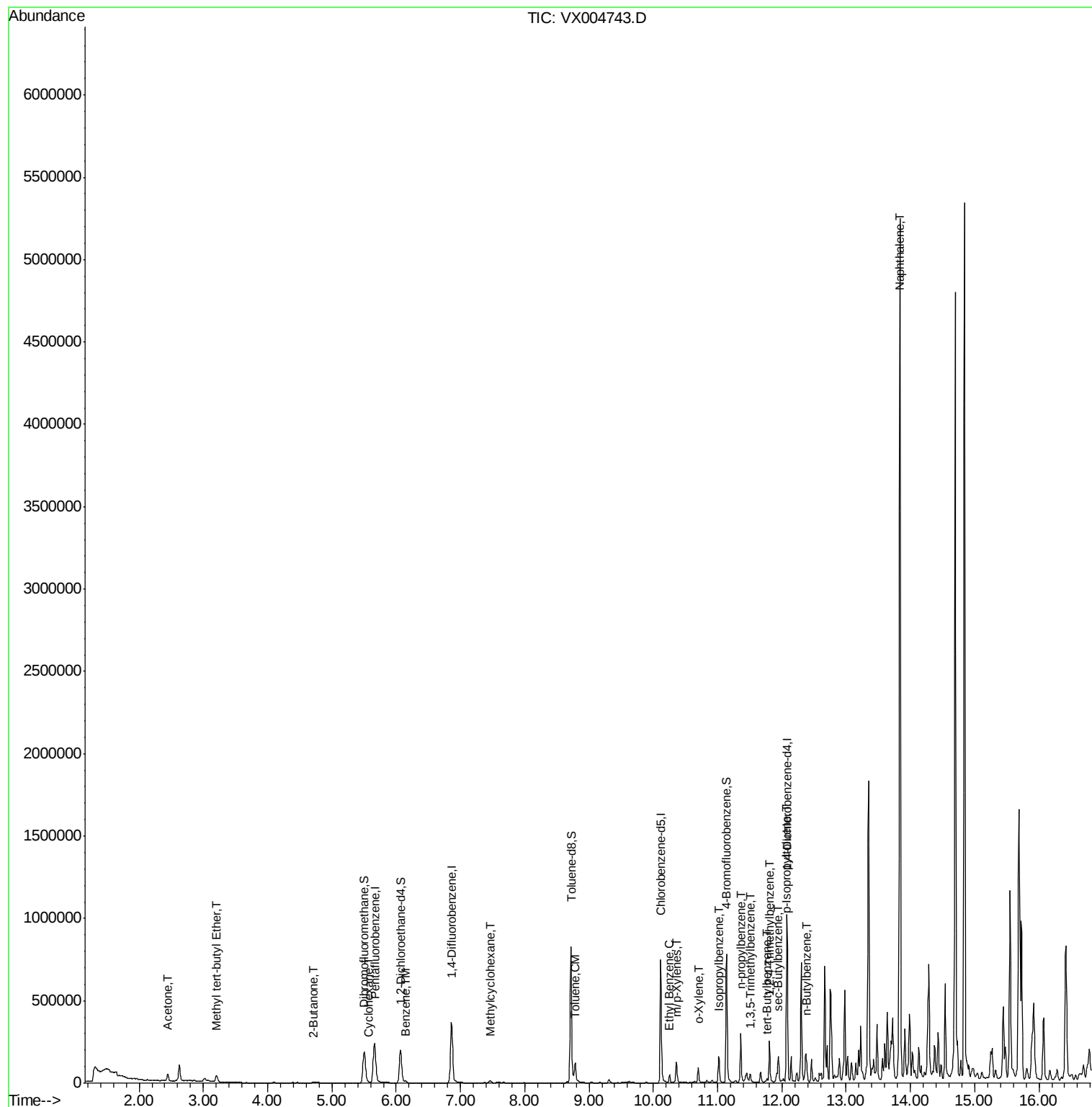
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
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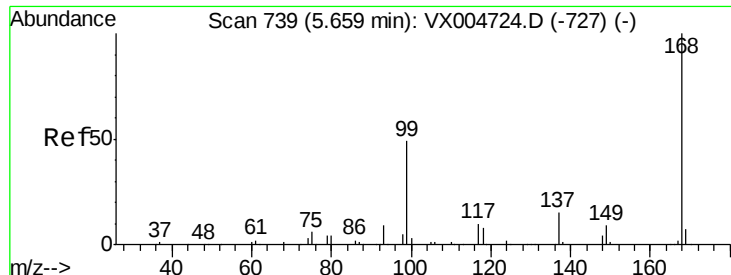
Instrument :
MSVOA_X
ClientSampleId :
TB-091918-01

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Quant Time: Oct 04 01:59:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004743.D

Acq: 27 Sep 2018 00:37

Instrument :

MSVOA_X

ClientSampleId :

TB-091918-01

Tgt Ion:168 Resp: 257853

Ion Ratio Lower Upper

168 100

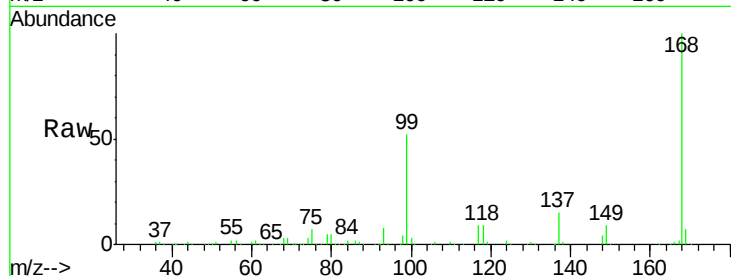
99 52.5 39.9 59.9

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

80000

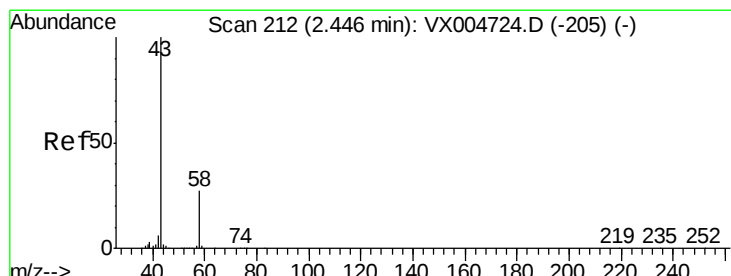
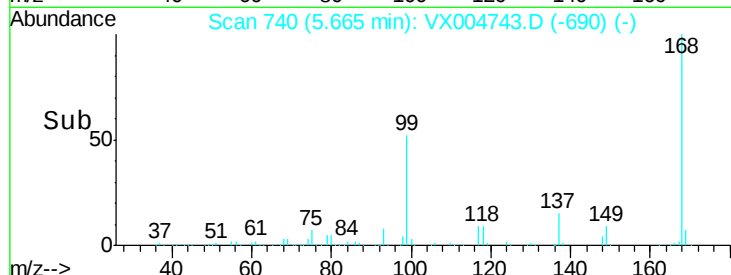
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.003 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004743.D

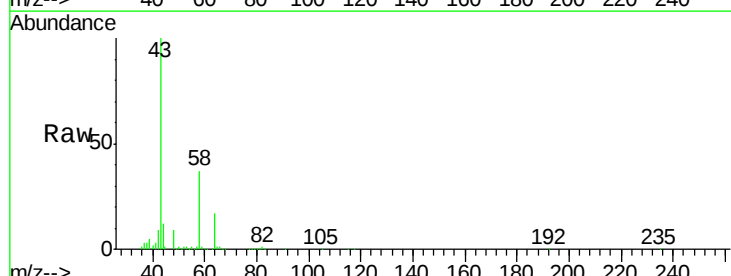
Acq: 27 Sep 2018 00:37

Tgt Ion: 43 Resp: 45166

Ion Ratio Lower Upper

43 100

58 36.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

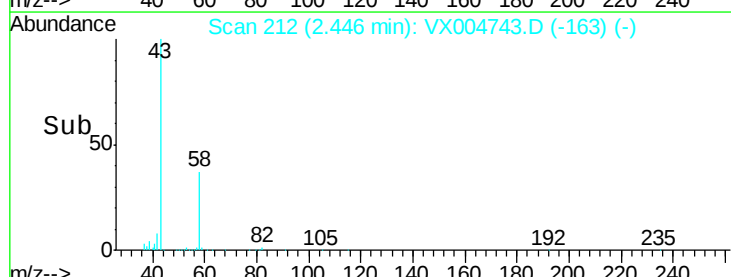
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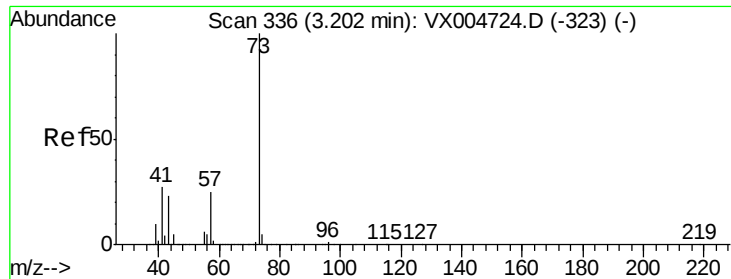
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Time-->





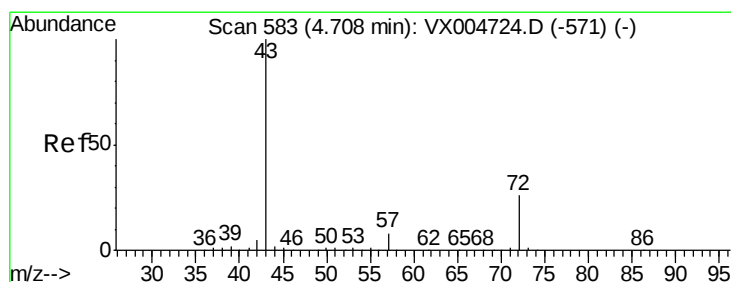
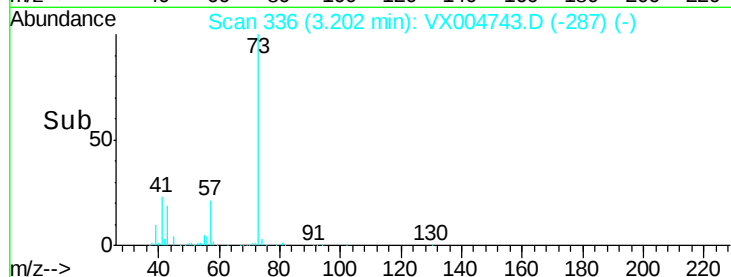
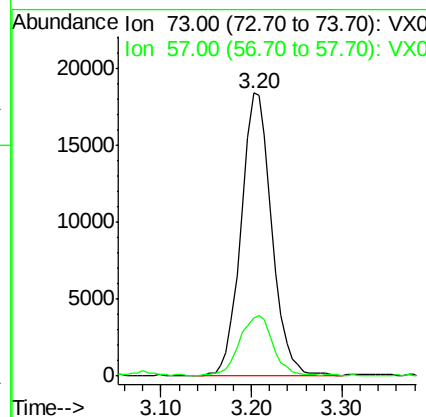
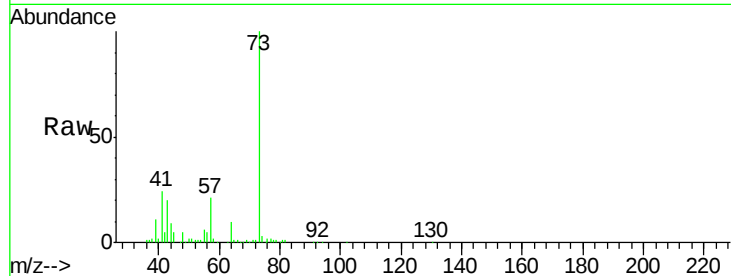
#19
Methyl tert-butyl Ether
Concen: 4.494 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 73 Resp: 43312
Ion Ratio Lower Upper
73 100
57 20.4 17.1 25.7

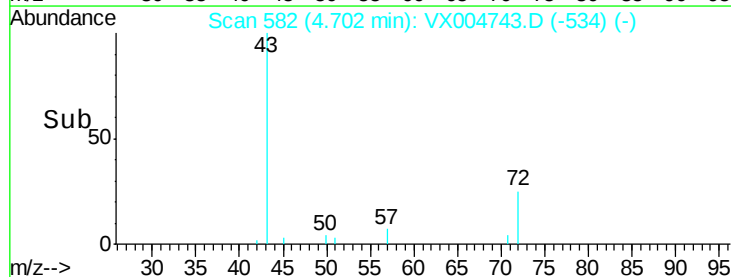
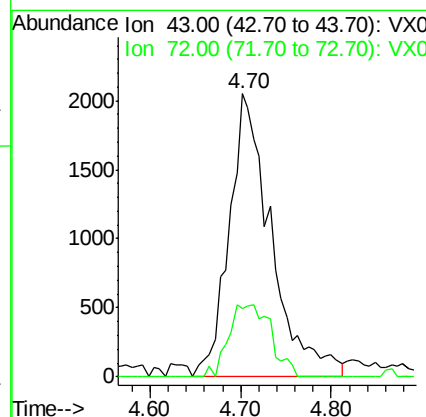
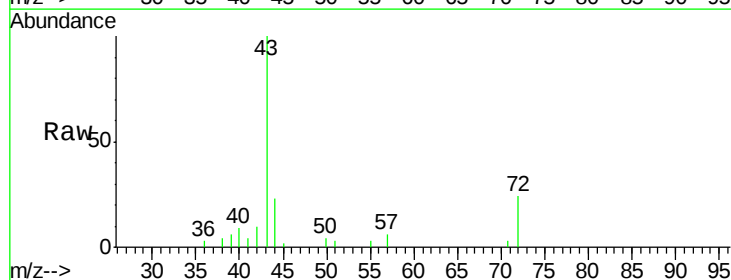
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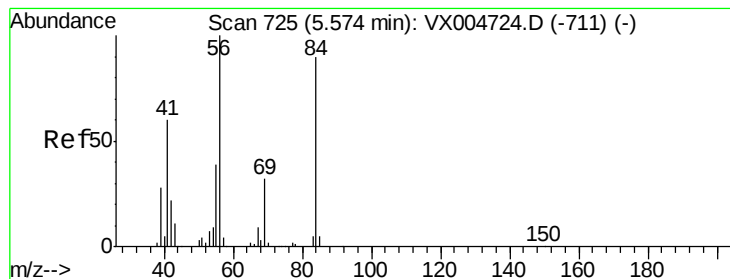
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#25
2-Butanone
Concen: 2.090 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion: 43 Resp: 6626
Ion Ratio Lower Upper
43 100
72 24.0 22.0 33.0





#31

Cyclohexane

Concen: 0.666 ug/l m

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004743.D

Acq: 27 Sep 2018 00:37

Instrument :

MSVOA_X

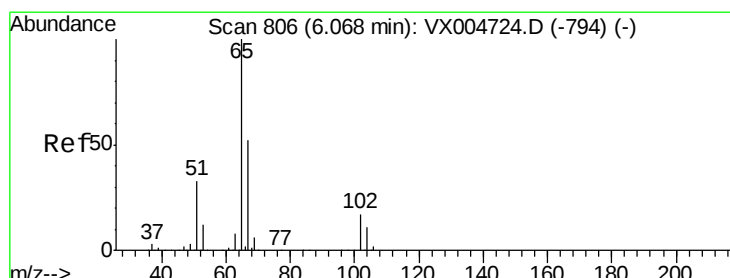
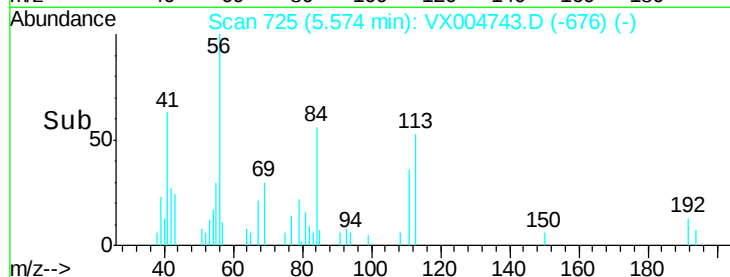
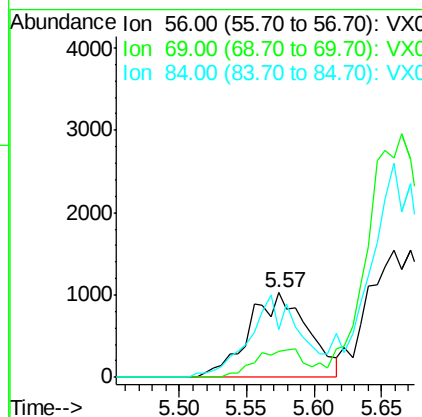
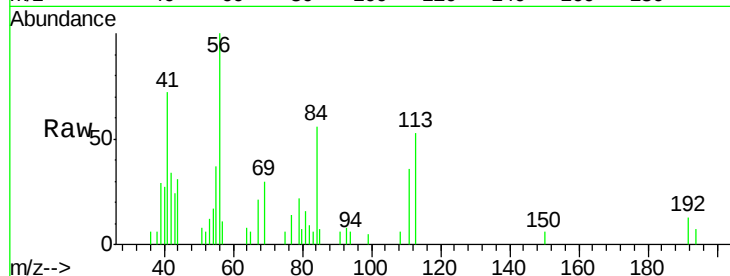
ClientSampleId :

TB-091918-01

Tgt Ion:	56	Resp:	3119
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.4	38.2
84	56.5	71.4	107.2#

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#33

1,2-Dichloroethane-d4

Concen: 53.058 ug/l

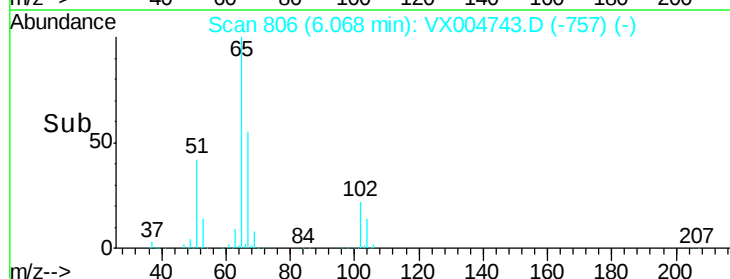
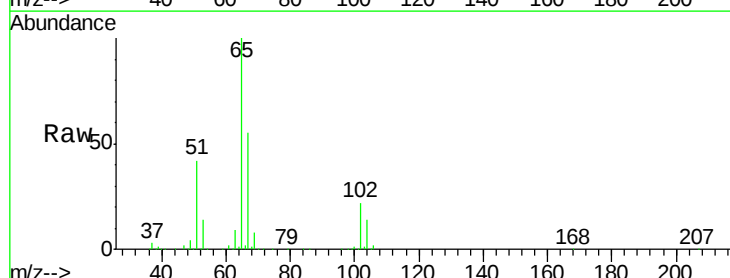
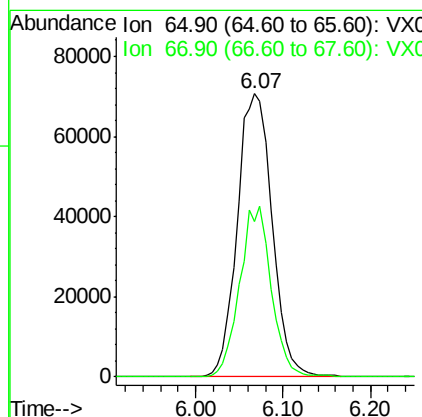
RT: 6.07 min Scan# 806

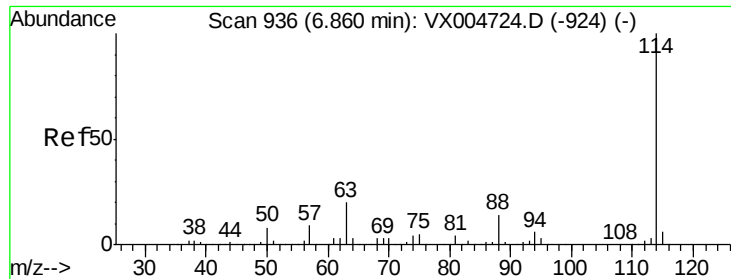
Delta R.T. 0.00 min

Lab File: VX004743.D

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Tgt Ion:	65	Resp:	195436
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.8





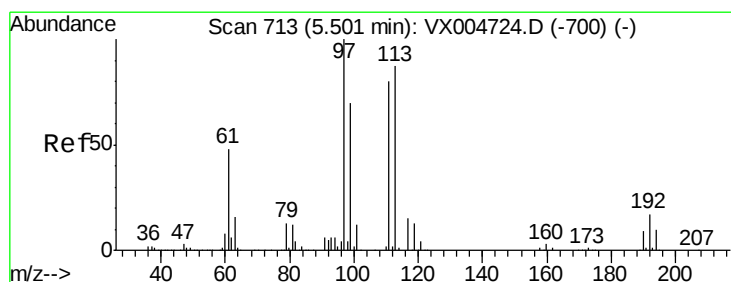
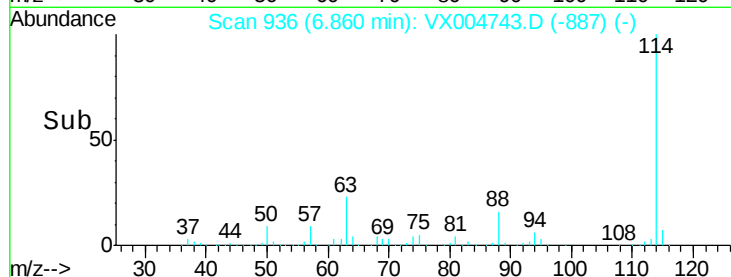
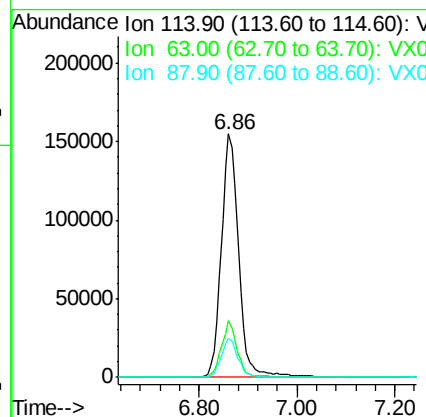
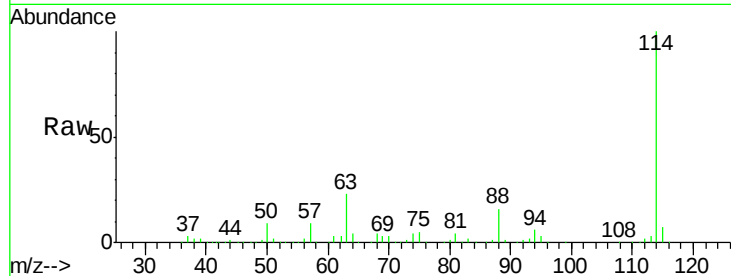
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004743.D
 Acq: 27 Sep 2018 00:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-091918-01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381478		
63	23.1	0.0	39.0	
88	16.1	0.0	30.4	

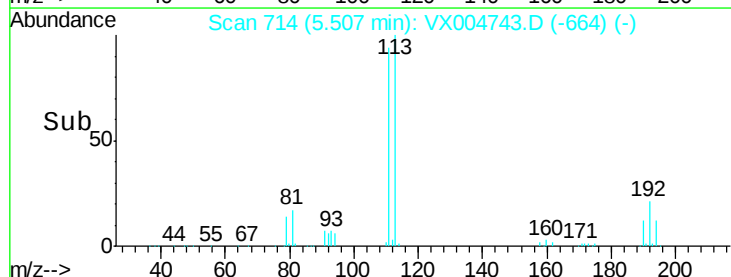
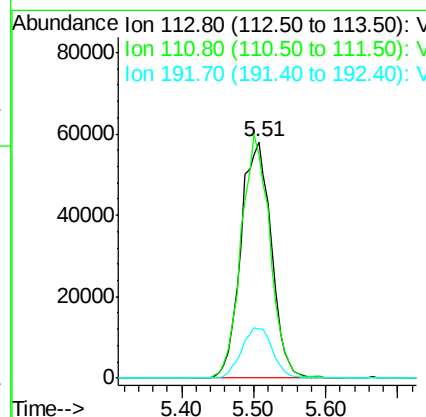
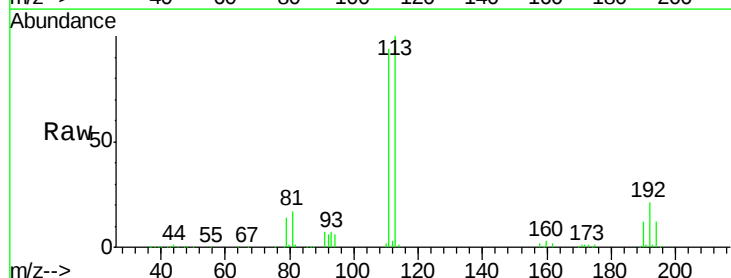
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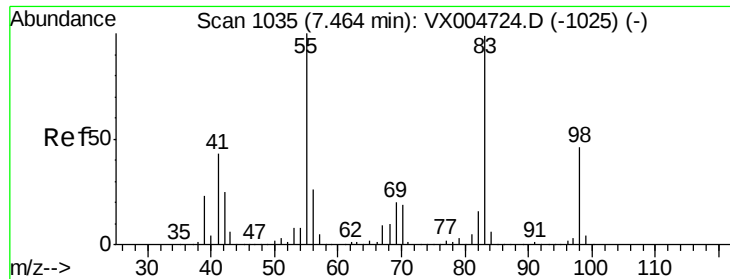
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#35
 Dibromofluoromethane
 Concen: 52.784 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004743.D
 Acq: 27 Sep 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	170654		
111	97.3	82.4	123.6	
192	21.7	19.4	29.2	





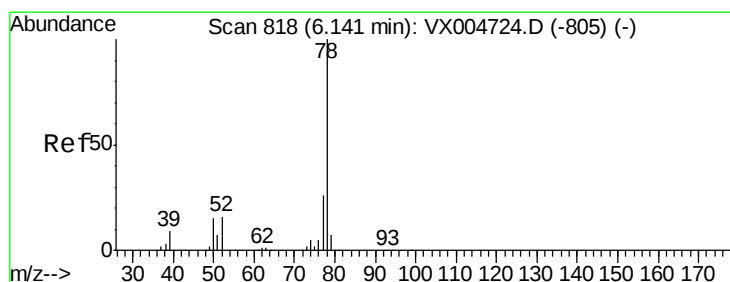
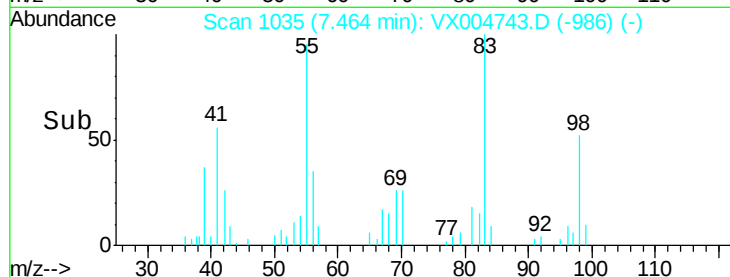
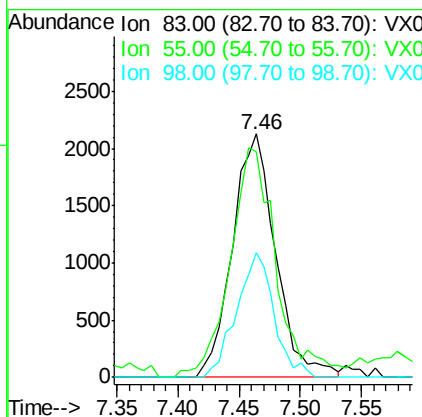
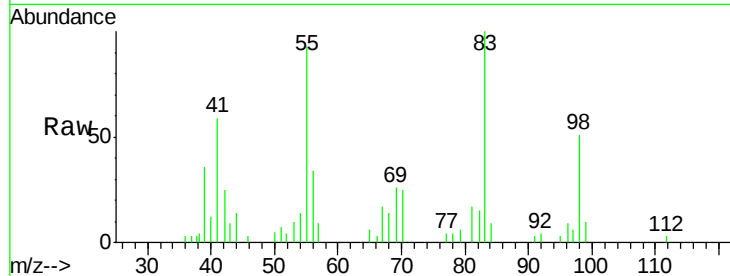
#39
Methylcyclohexane
Concen: 1.158 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.0	61.0	91.4
98	51.0	39.6	59.4

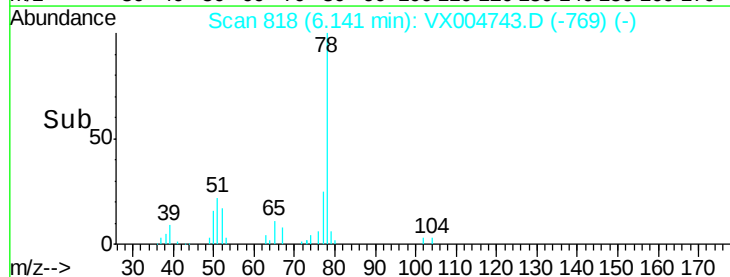
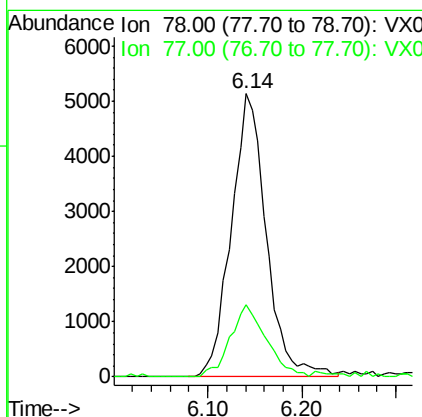
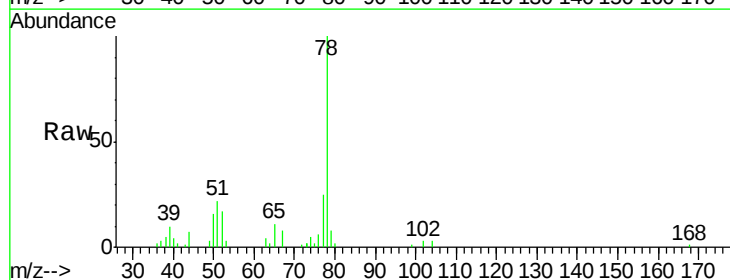
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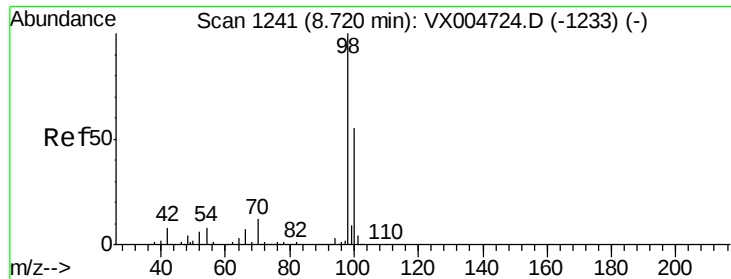
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#40
Benzene
Concen: 0.965 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.4





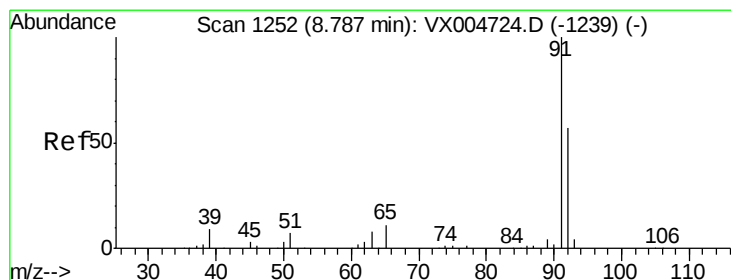
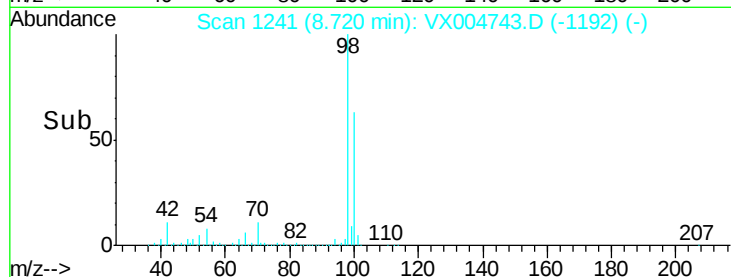
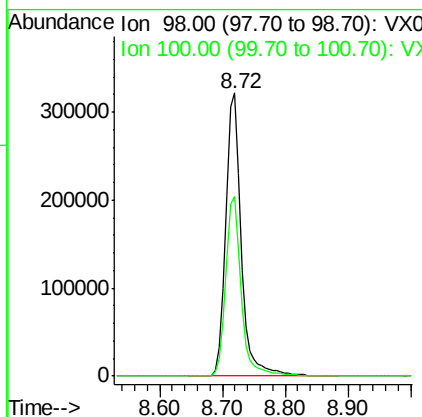
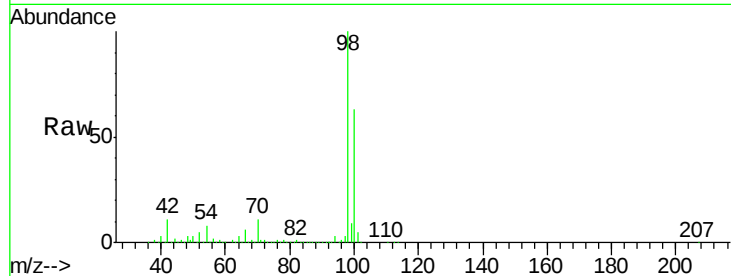
#50
Toluene-d8
Concen: 51.375 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

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Tgt Ion: 98 Resp: 552191
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3

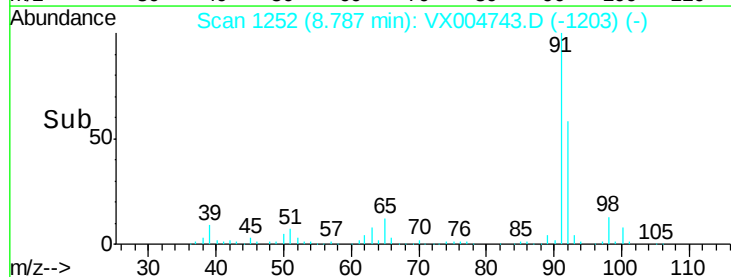
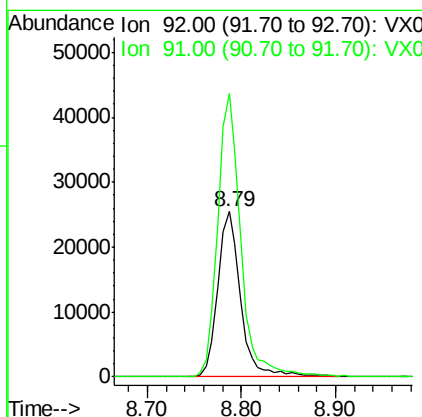
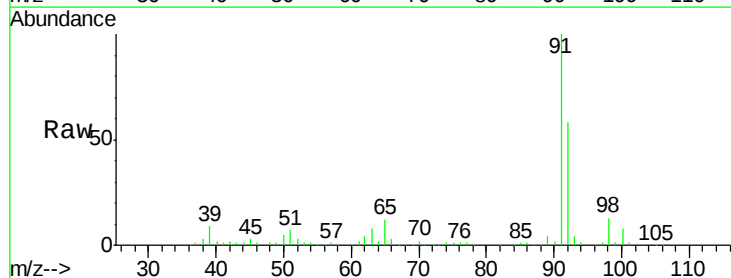
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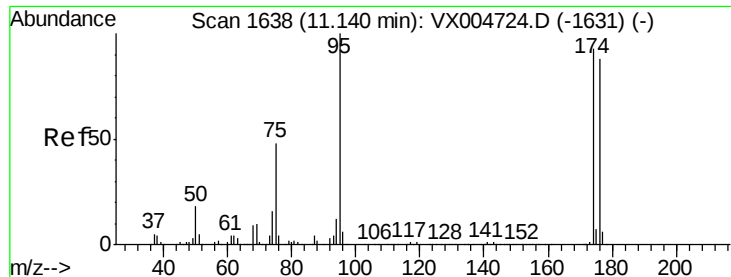
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#52
Toluene
Concen: 5.680 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion: 92 Resp: 43099
Ion Ratio Lower Upper
92 100
91 172.7 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 54.207 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004743.D

Acq: 27 Sep 2018 00:37

Instrument :

MSVOA_X

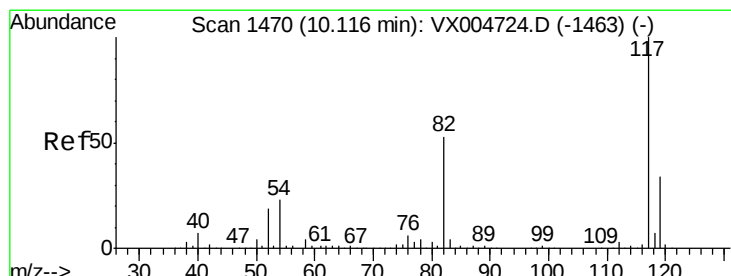
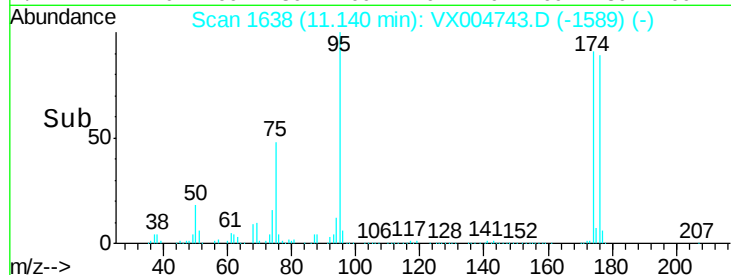
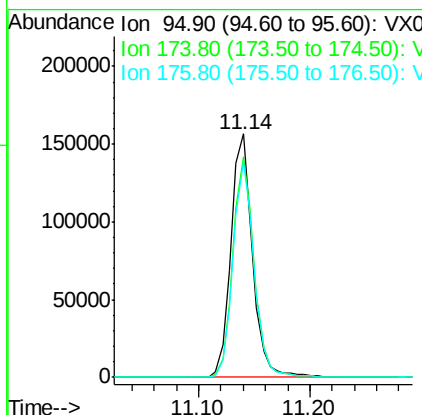
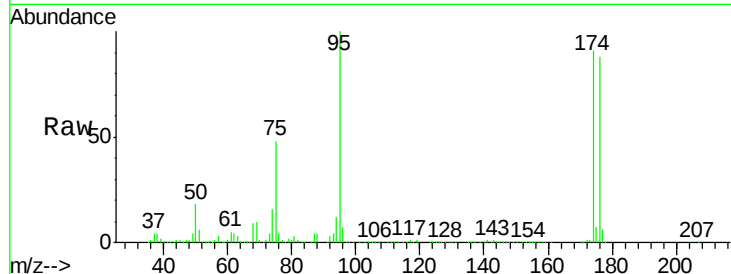
ClientSampleId :

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Tgt Ion:	95	Resp:	209898
Ion Ratio	Lower	Upper	
95	100		
174	89.4	0.0	185.2
176	86.4	0.0	178.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

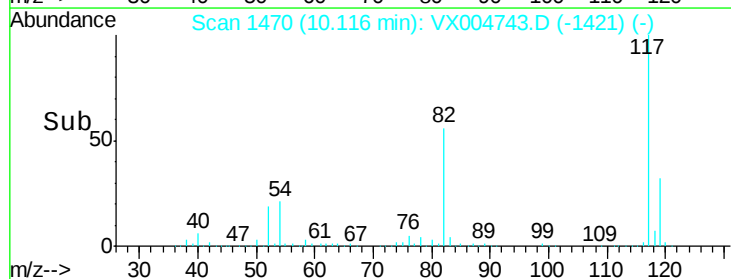
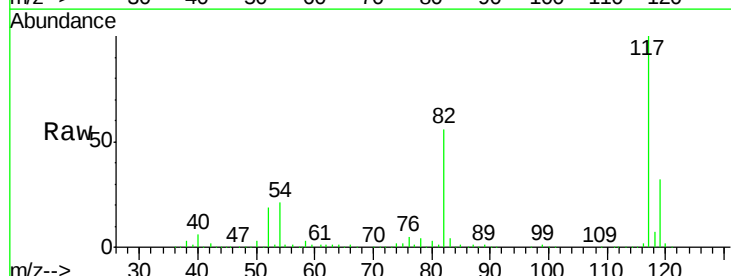
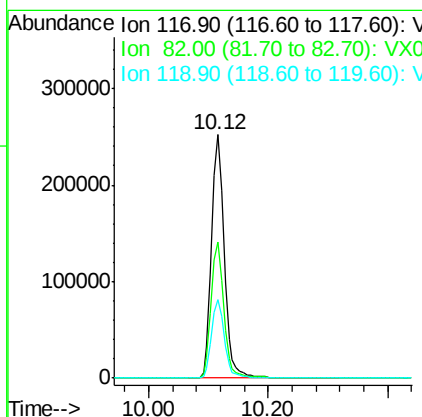
RT: 10.12 min Scan# 1470

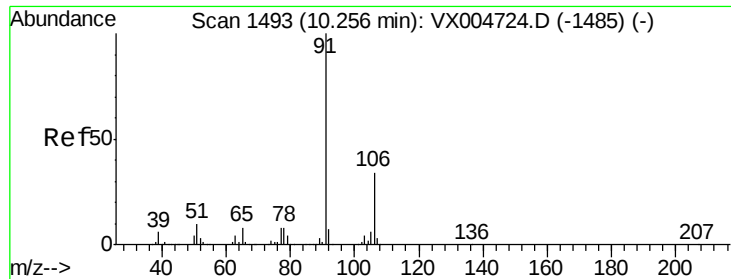
Delta R.T. 0.00 min

Lab File: VX004743.D

Acq: 27 Sep 2018 00:37

Tgt Ion:	117	Resp:	366742
Ion Ratio	Lower	Upper	
117	100		
82	55.9	47.8	71.6
119	32.4	29.3	43.9





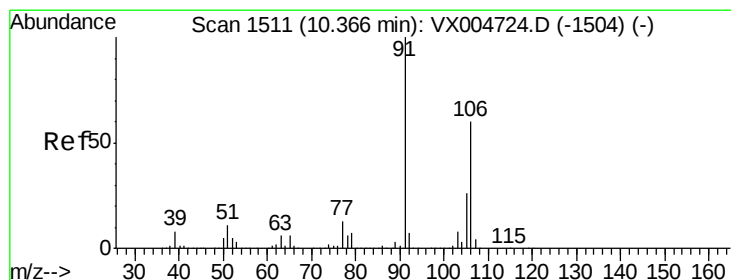
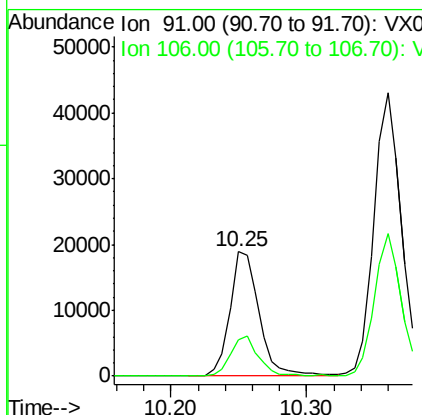
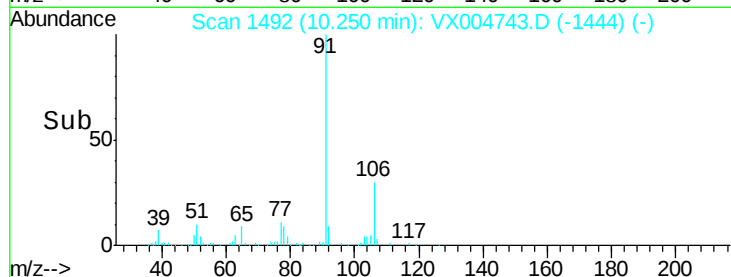
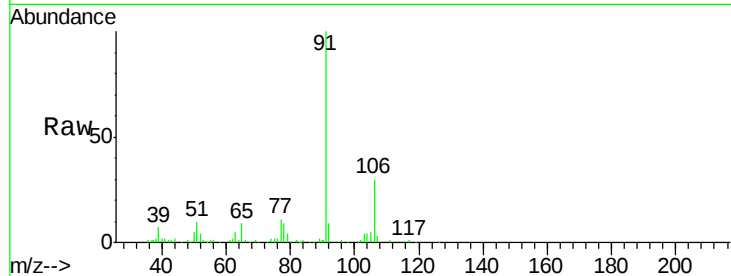
#67
Ethyl Benzene
Concen: 1.897 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampleId :
TB-091918-01

Tgt Ion: 91 Resp: 28328
Ion Ratio Lower Upper
91 100
106 29.6 25.9 38.9

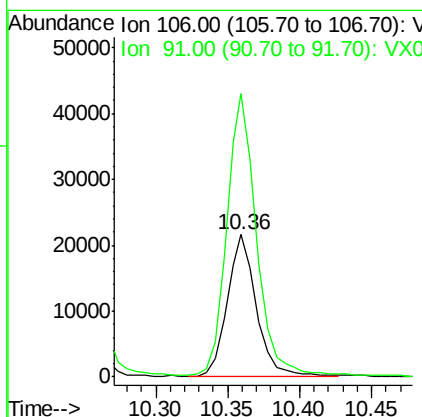
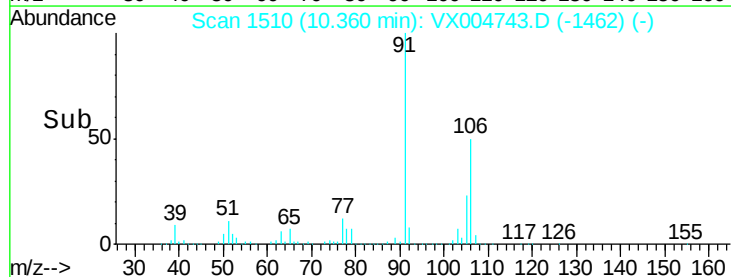
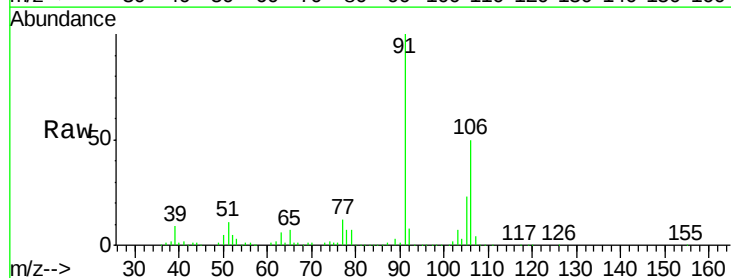
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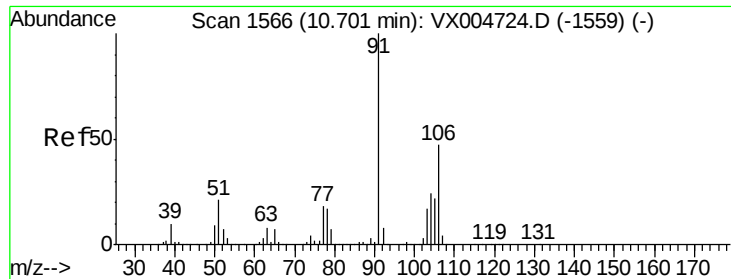
MMDadoda
9/27/2018 12:50:53 PM



#68
m/p-Xylenes
Concen: 5.250 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion: 106 Resp: 30630
Ion Ratio Lower Upper
106 100
91 205.4 157.1 235.7





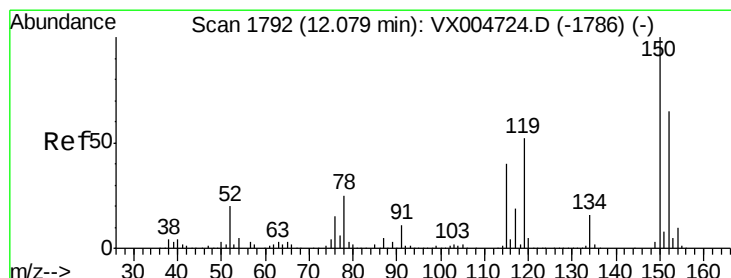
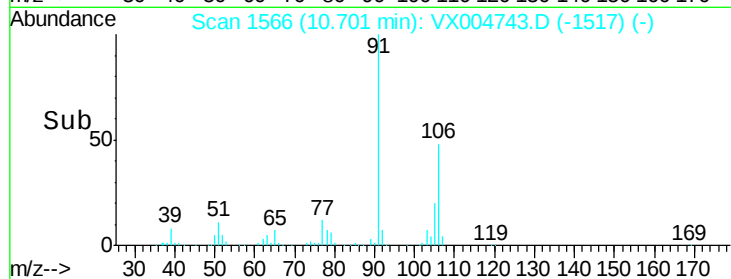
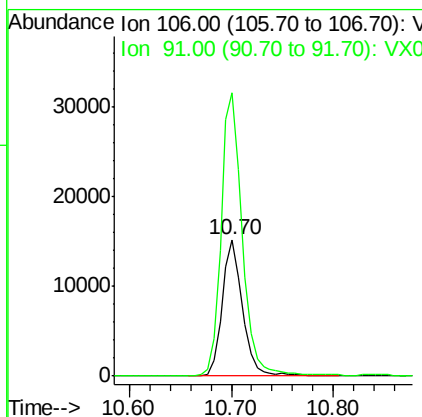
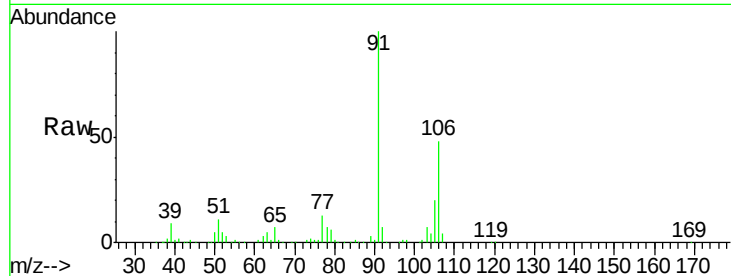
#69
o-Xylene
Concen: 3.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampleId :
TB-091918-01

Tgt Ion:106 Resp: 21134
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.1

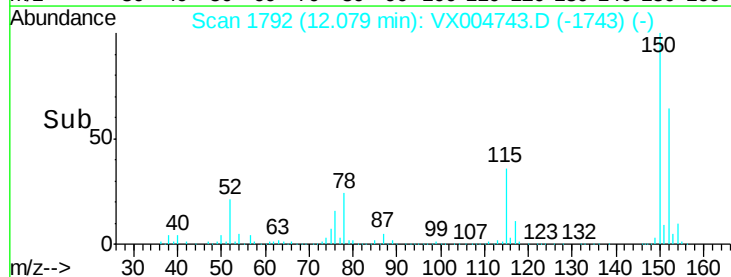
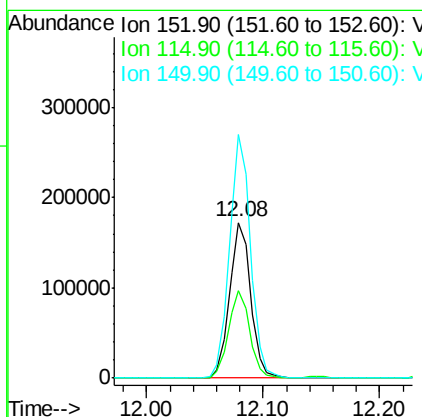
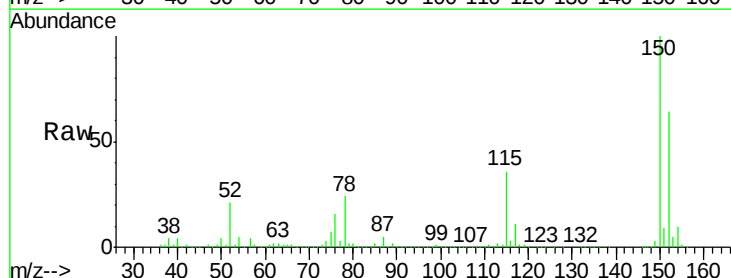
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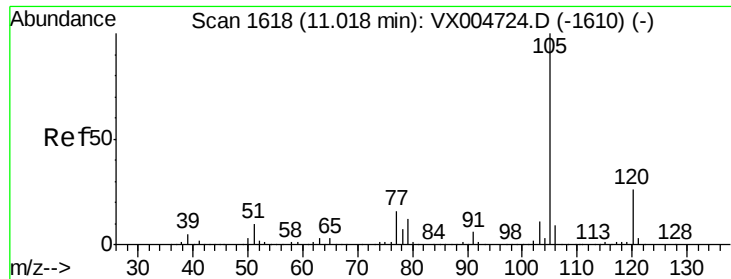
MMDadoda
9/27/2018 12:50:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion:152 Resp: 217921
Ion Ratio Lower Upper
152 100
115 56.0 39.0 117.0
150 155.0 0.0 351.0





#73

Isopropylbenzene

Concen: 6.302 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004743.D

Acq: 27 Sep 2018 00:37

Instrument :

MSVOA_X

ClientSampleId :

TB-091918-01

Tgt Ion: 105 Resp: 86563

Ion Ratio Lower Upper

105 100

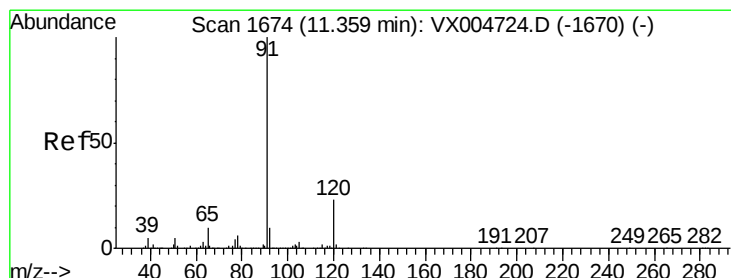
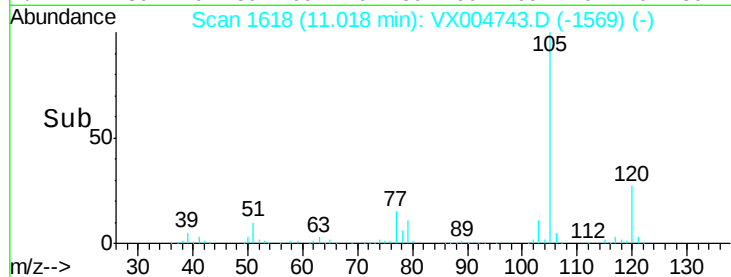
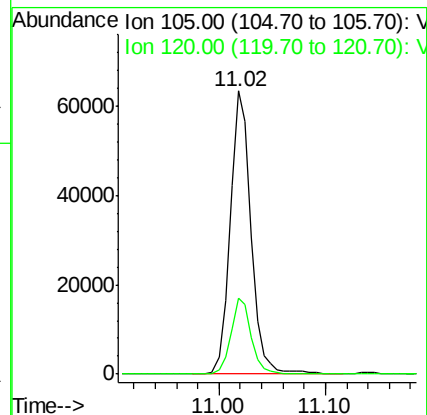
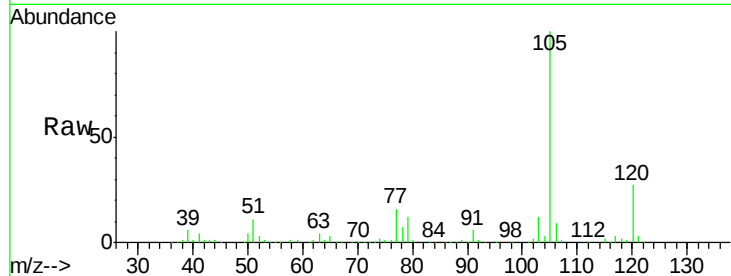
120 26.3 13.5 40.4

Manual Integrations

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#78

n-propylbenzene

Concen: 11.593 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004743.D

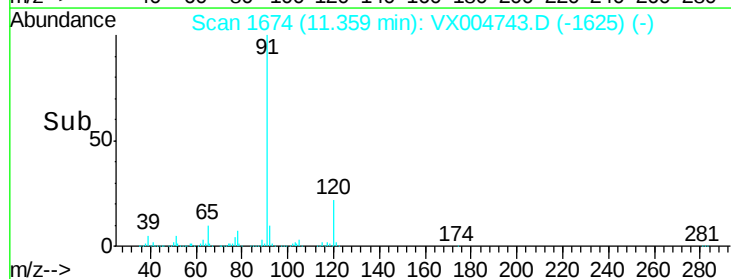
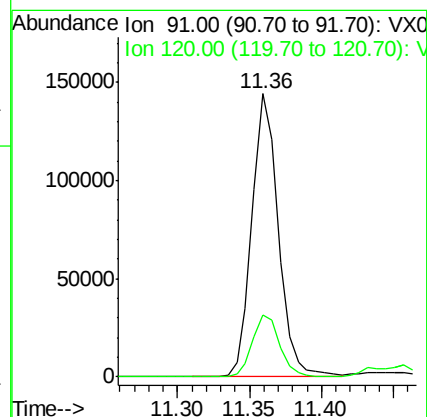
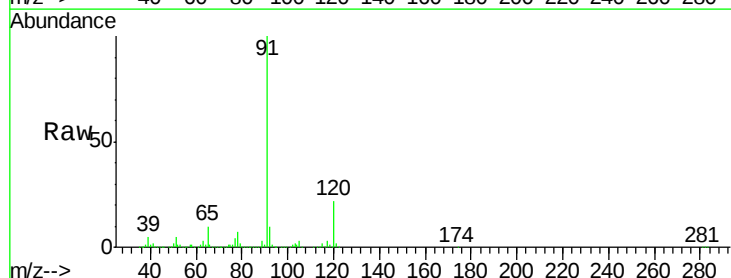
Acq: 27 Sep 2018 00:37

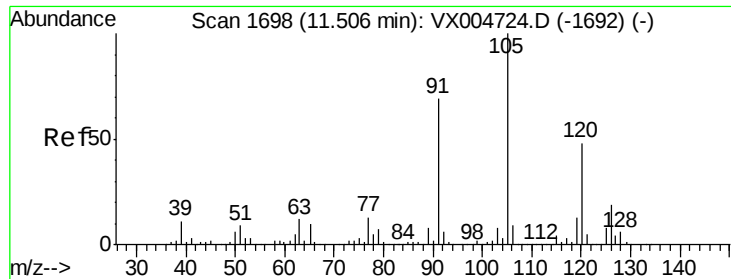
Tgt Ion: 91 Resp: 182715

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9





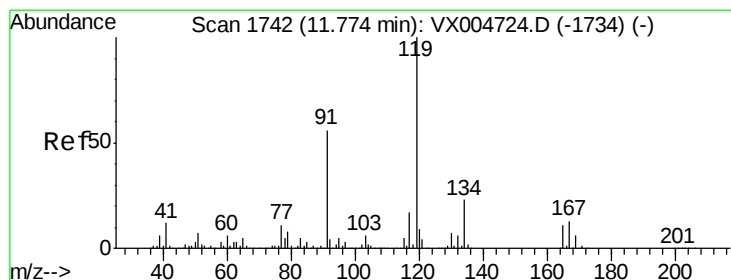
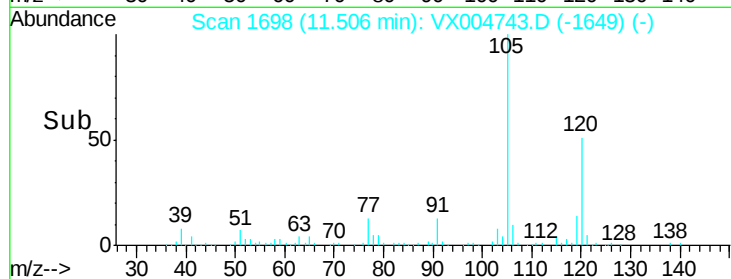
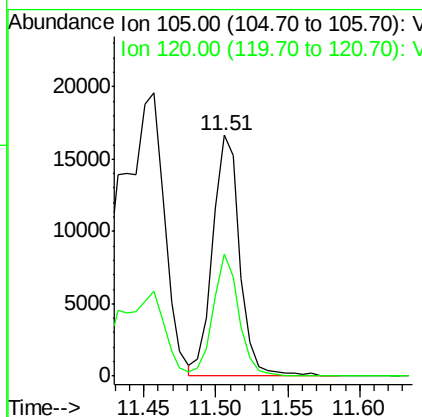
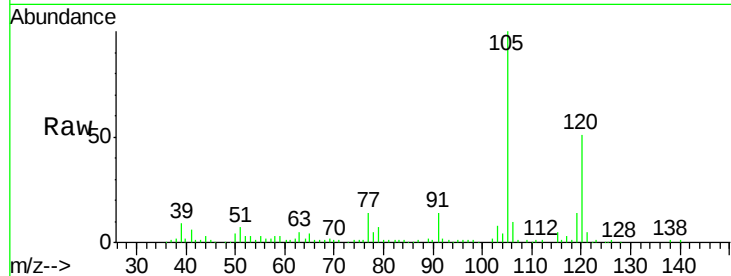
#80
 1,3,5-Trimethylbenzene
 Concen: 1.554 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004743.D
 Acq: 27 Sep 2018 00:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-091918-01

Tgt Ion:105 Resp: 21976
 Ion Ratio Lower Upper
 105 100
 120 47.9 25.6 76.8

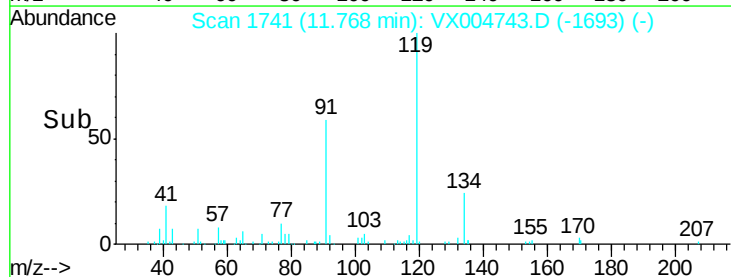
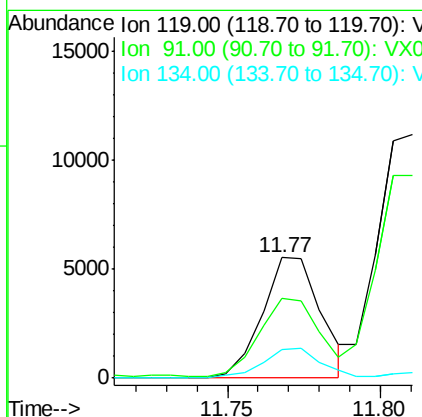
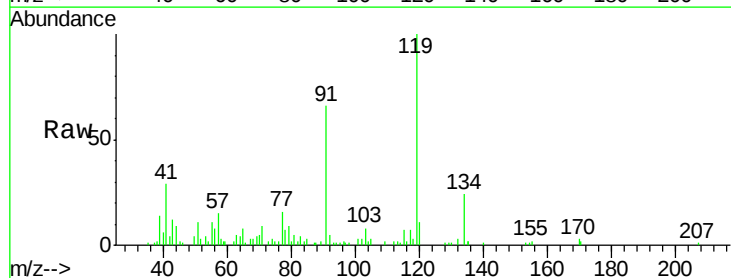
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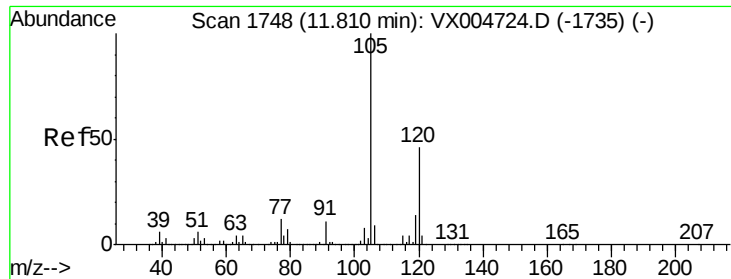
MMDadoda
 9/27/2018 12:50:53 PM



#83
 tert-Butylbenzene
 Concen: 0.648 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX004743.D
 Acq: 27 Sep 2018 00:37

Tgt Ion:119 Resp: 7325
 Ion Ratio Lower Upper
 119 100
 91 65.8 27.0 81.0
 134 25.3 11.7 35.1





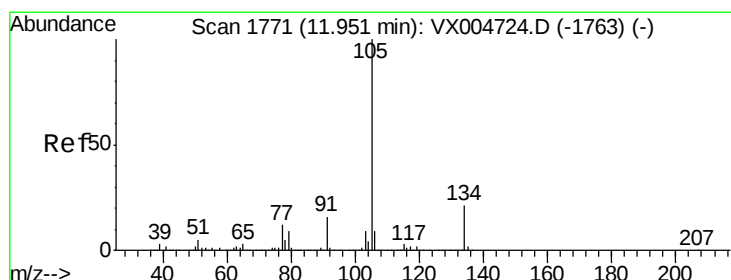
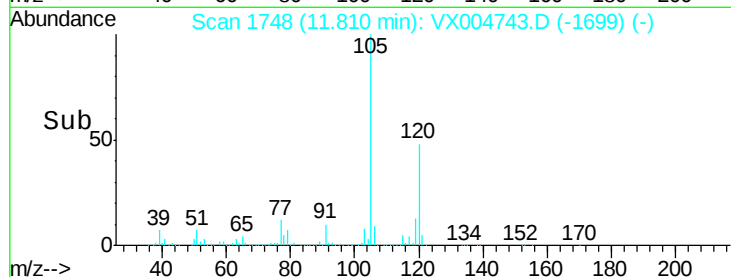
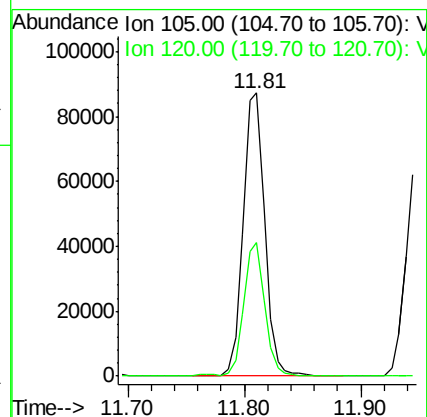
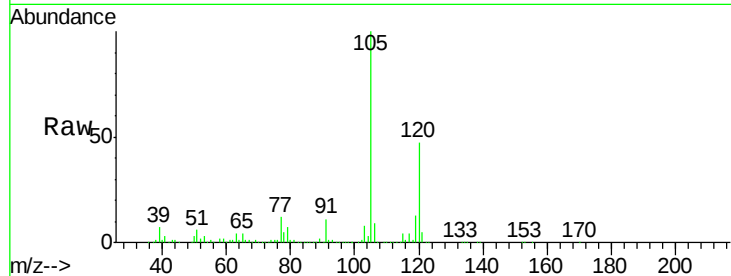
#84
1,2,4-Trimethylbenzene
Concen: 8.542 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampled :
TB-091918-01

Tgt Ion:105 Resp: 113026
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.6

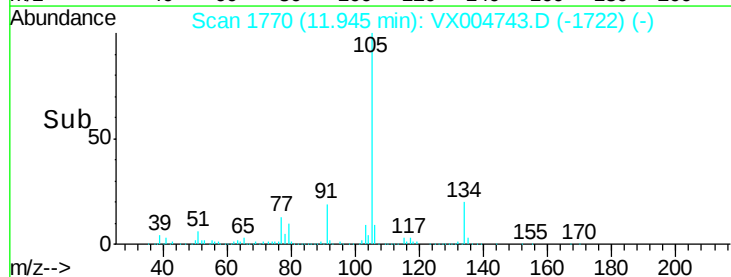
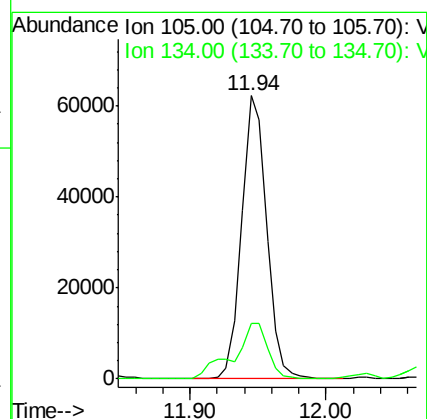
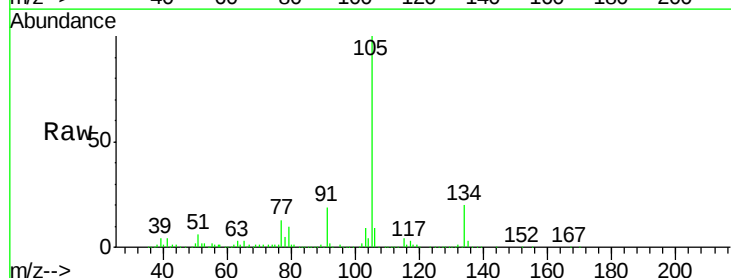
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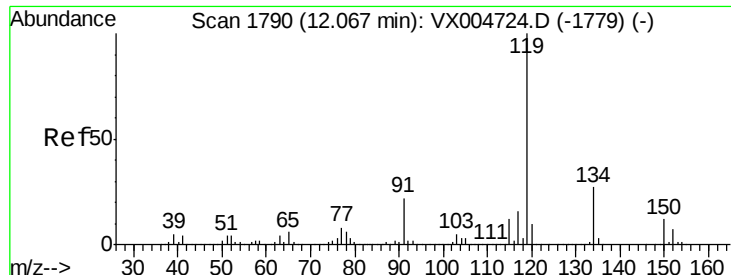
MMDadoda
9/27/2018 12:50:53 PM



#85
sec-Butylbenzene
Concen: 5.755 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion:105 Resp: 79277
Ion Ratio Lower Upper
105 100
134 27.1 10.5 31.5





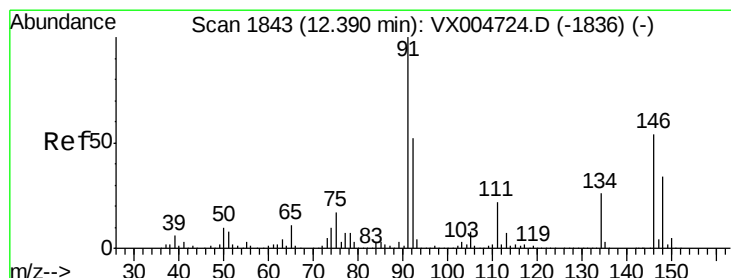
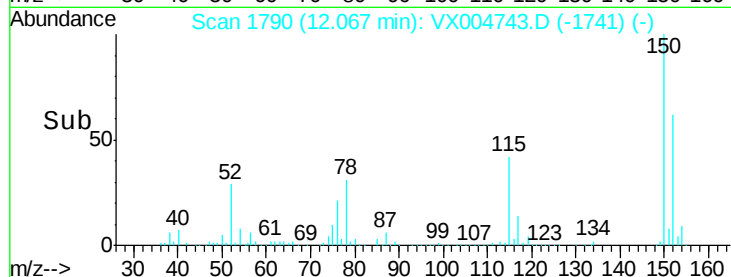
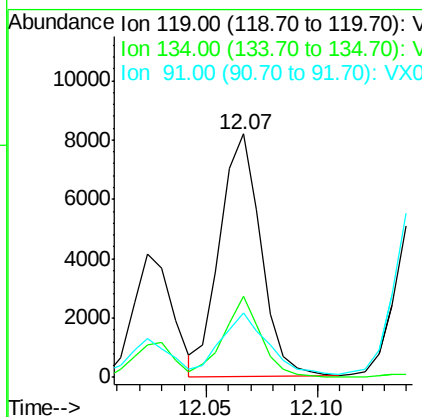
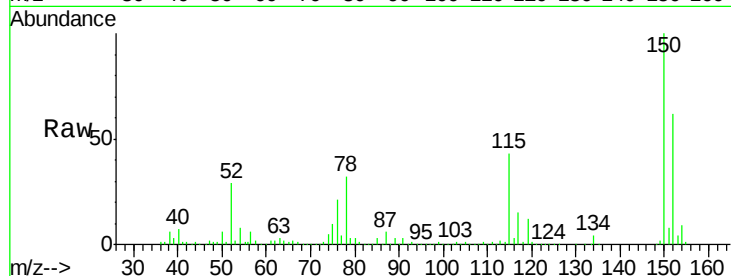
#86
p-Isopropyltoluene
Concen: 0.835 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampleId :
TB-091918-01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.6	13.4	40.2
91	27.7	10.9	32.7

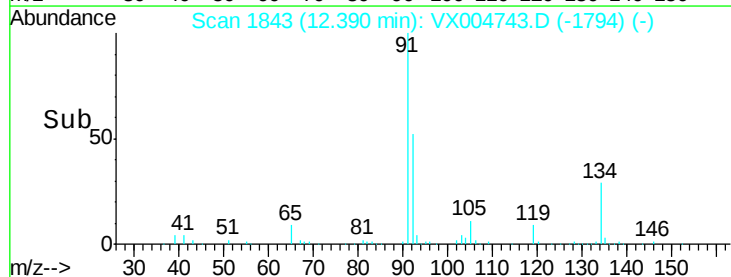
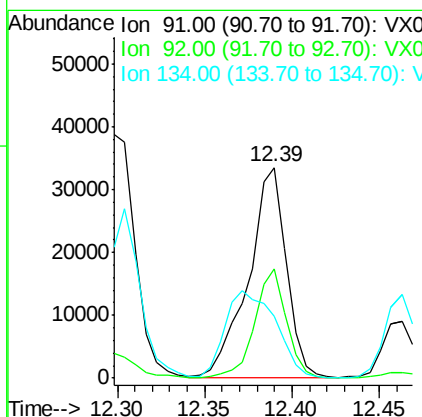
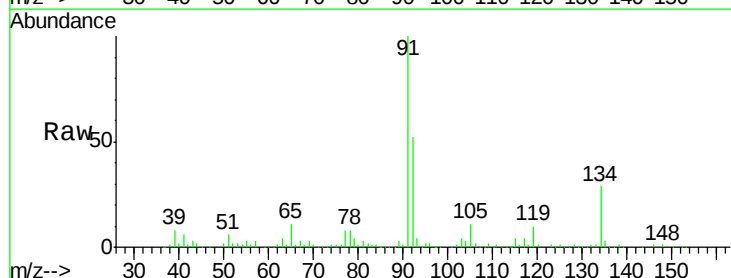
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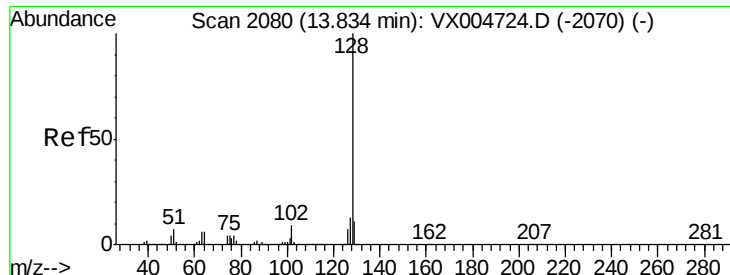
MMDadoda
9/27/2018 12:50:53 PM



#89
n-Butylbenzene
Concen: 4.440 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.6	27.3	81.9
134	55.5	13.6	40.7





#95
Naphthalene
Concen: 169.209 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004743.D
Acq: 27 Sep 2018 00:37

Instrument :
MSVOA_X
ClientSampleId :
TB-091918-01

Tgt Ion:128 Resp: 3098746
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.3 8.6 12.8

Manual Integrations
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9/27/2018 12:50:53 PM

