

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006546.D
 Acq On : 15 Dec 2018 06:07
 Operator : JC/MD
 Sample : J6398-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01_121218

Manual Integrations
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MMDadoda
 12/17/2018 12:12:47 PM

Quant Time: Dec 15 23:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	648429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1037885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	970305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	508070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355295	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	5.50	113	307616	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
50) Toluene-d8	8.71	98	1243019	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	478701	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	93833	30.206	ug/l	93
25) 2-Butanone	4.71	43	15857	3.577	ug/l #	87
31) Cyclohexane	5.58	56	36850	3.853	ug/l	93
39) Methylcyclohexane	7.46	83	57746	5.090	ug/l	95
40) Benzene	6.14	78	67100	2.563	ug/l	99
52) Toluene	8.79	92	495751	28.786	ug/l	99
67) Ethyl Benzene	10.26	91	6608825	192.916	ug/l	98
68) m/p-Xylenes	10.37	106	4706095	342.944	ug/l	96
69) o-Xylene	10.70	106	2785895	205.530	ug/l	99
73) Isopropylbenzene	11.02	105	826037	23.543	ug/l	99
78) n-propylbenzene	11.36	91	1043838	26.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3768798	129.099	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	9450579	313.509	ug/l	95
85) sec-Butylbenzene	11.94	105	146394m	4.131	ug/l	
86) p-Isopropyltoluene	12.07	119	133279	4.177	ug/l	98
95) Naphthalene	13.83	128	4662619	119.483	ug/l	99

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

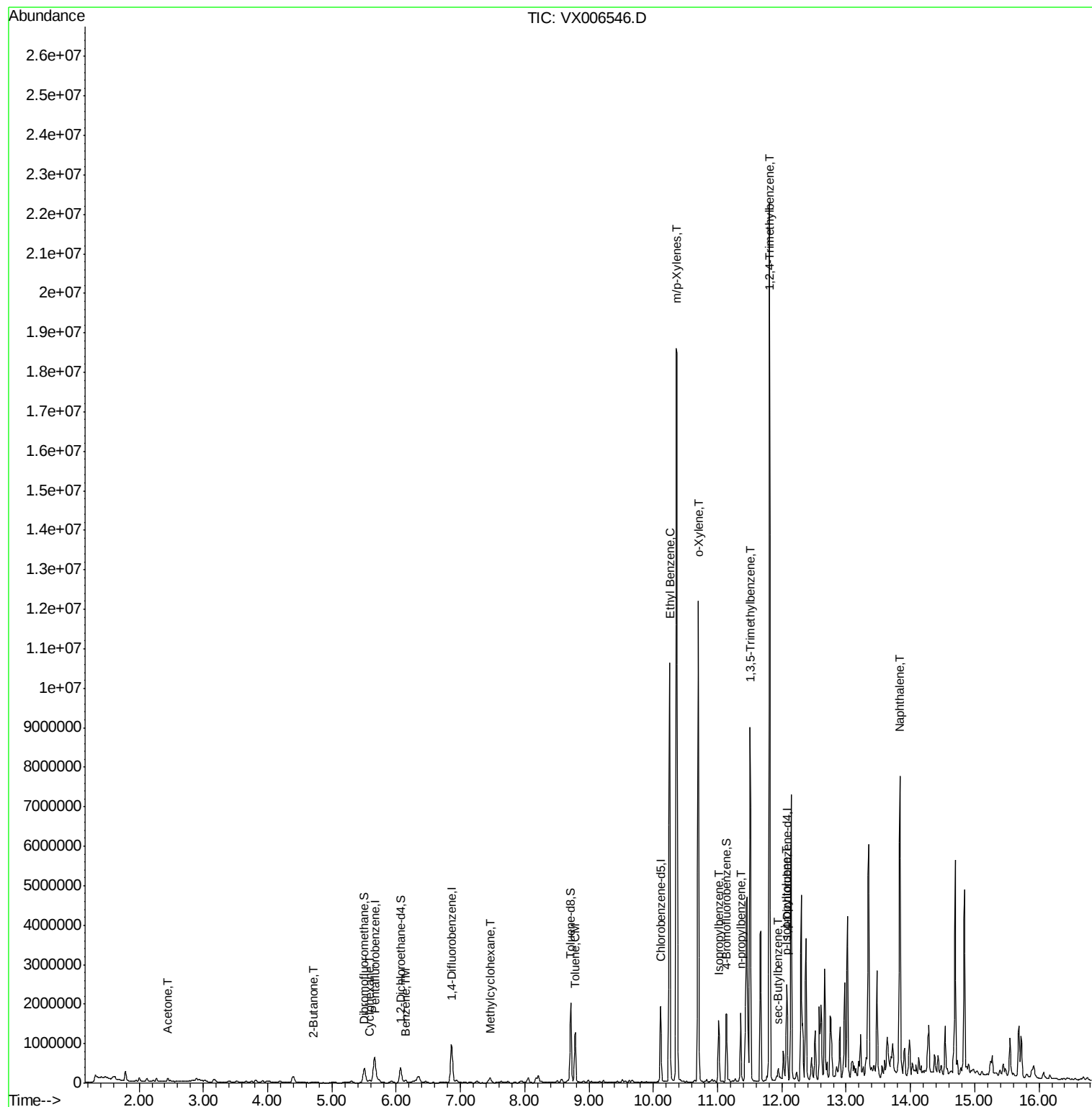
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006546.D
Acq On : 15 Dec 2018 06:07
Operator : JC/MD
Sample : J6398-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

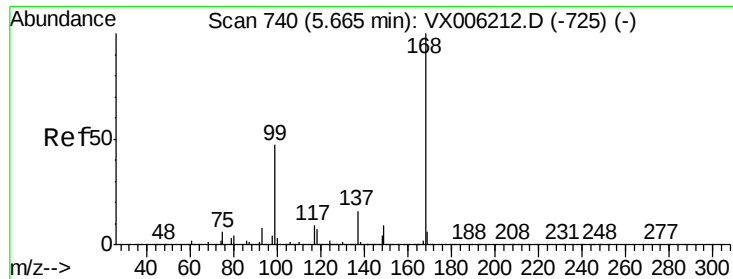
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

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Quant Time: Dec 15 23:20:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006546.D

Acq: 15 Dec 2018 06:07

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218

Tgt Ion:168 Resp: 648429

Ion Ratio Lower Upper

168 100

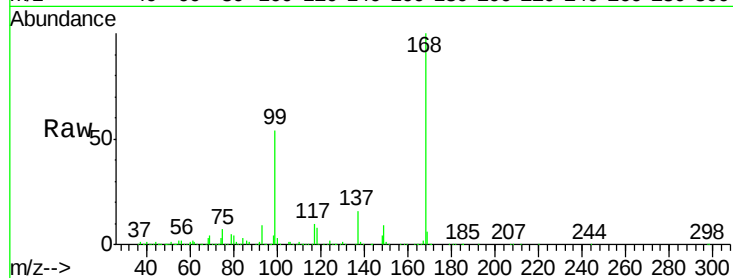
99 53.7 37.8 56.8

Manual Integrations

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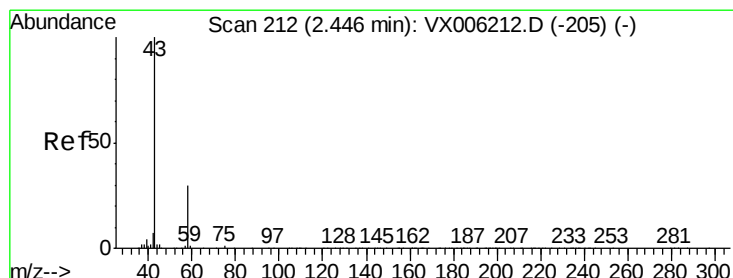
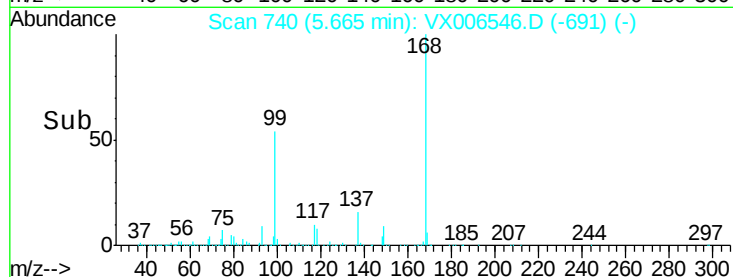
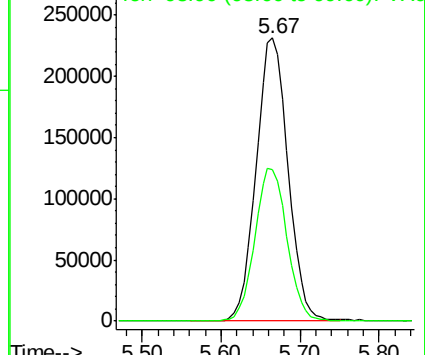
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 30.206 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006546.D

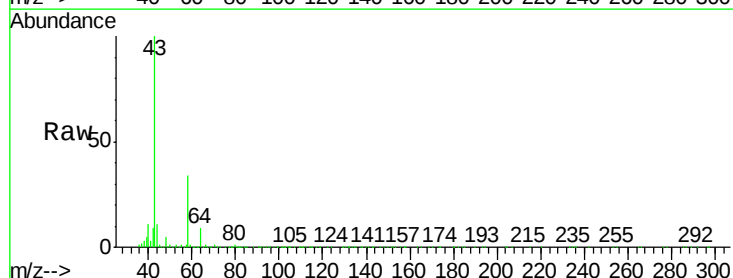
Acq: 15 Dec 2018 06:07

Tgt Ion: 43 Resp: 93833

Ion Ratio Lower Upper

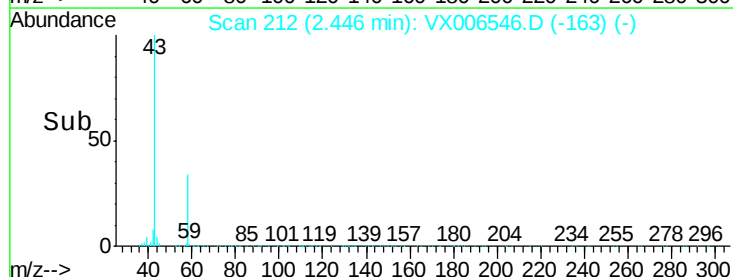
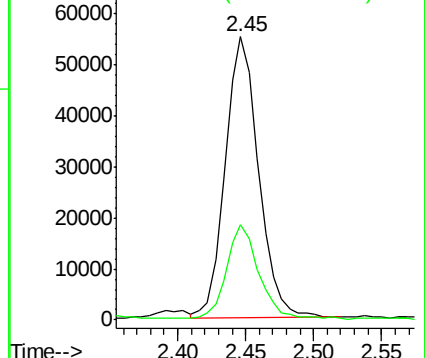
43 100

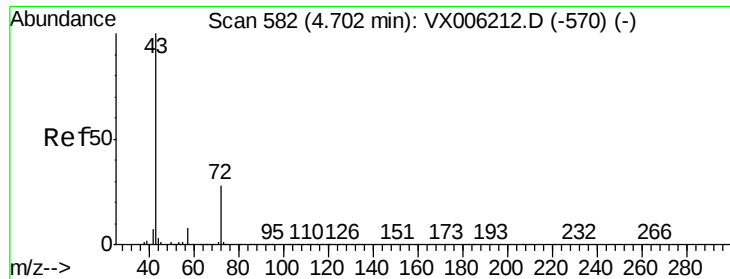
58 33.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 3.577 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218

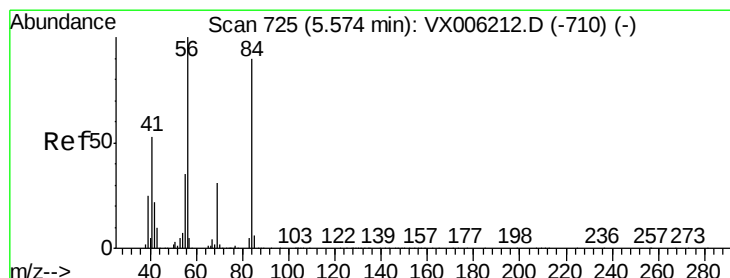
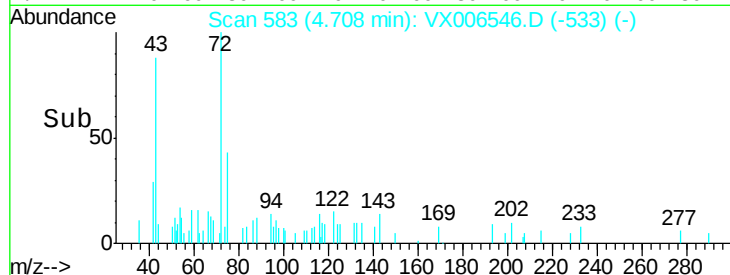
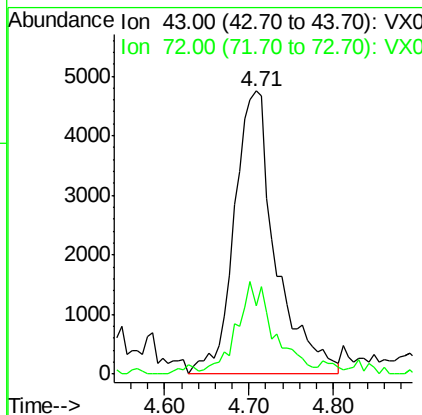
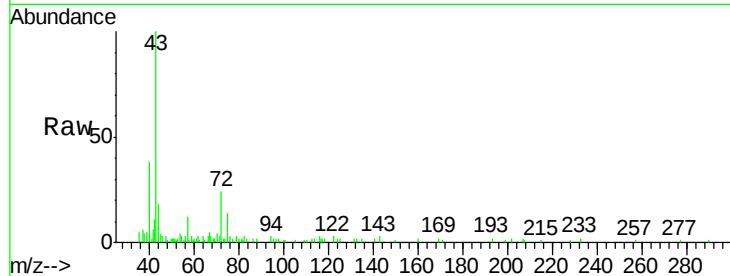
Tgt Ion: 43 Resp: 15857
Ion Ratio Lower Upper

43 100

72 21.4 22.6 33.8#

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#31

Cyclohexane

Concen: 3.853 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006546.D

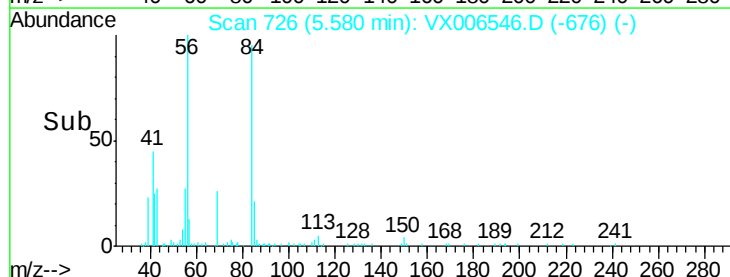
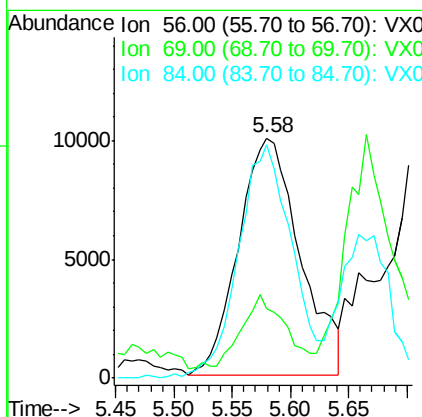
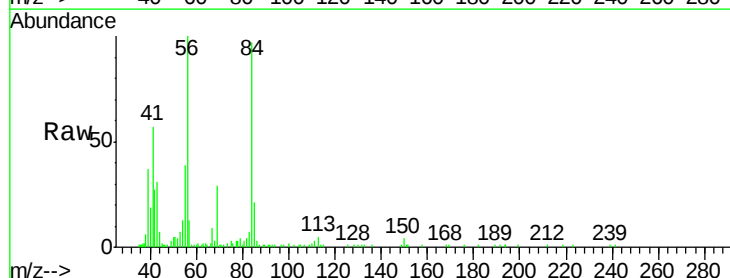
Acq: 15 Dec 2018 06:07

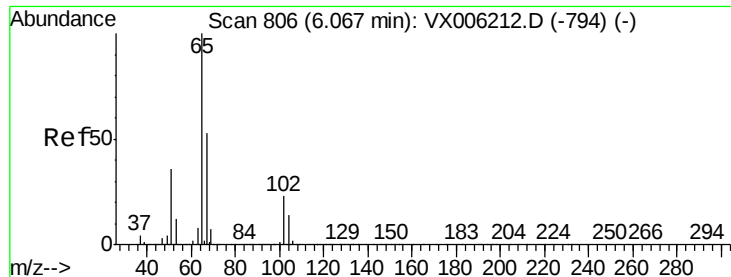
Tgt Ion: 56 Resp: 36850
Ion Ratio Lower Upper

56 100

69 25.4 24.5 36.7

84 95.3 71.8 107.6





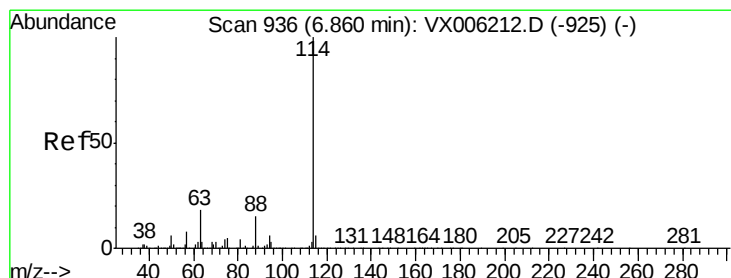
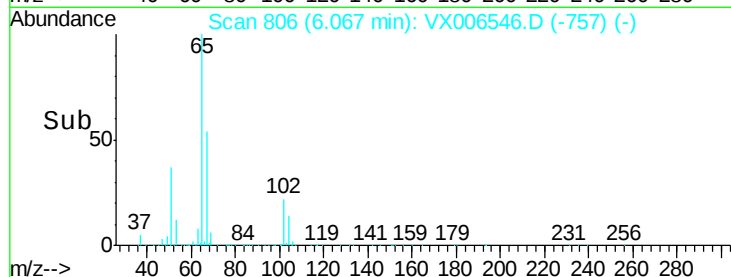
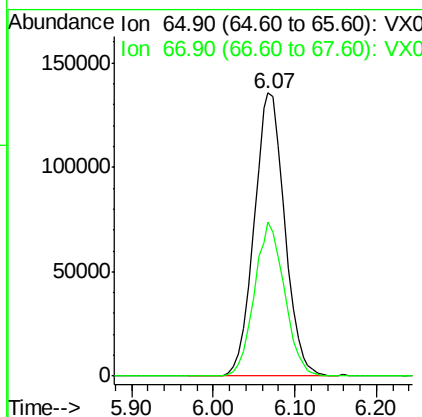
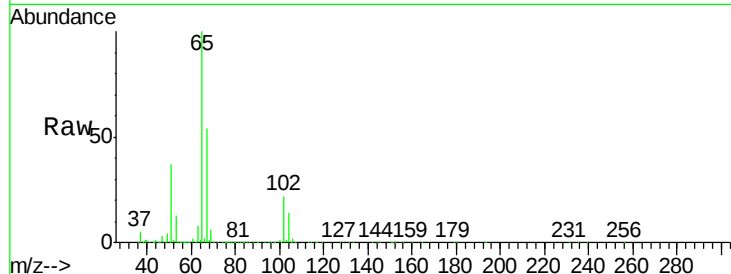
#33
 1,2-Dichloroethane-d4
 Concen: 53.675 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006546.D
 Acq: 15 Dec 2018 06:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01_121218

Tgt Ion: 65 Resp: 355295
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2

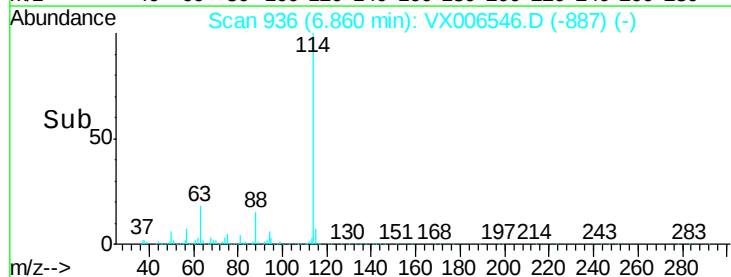
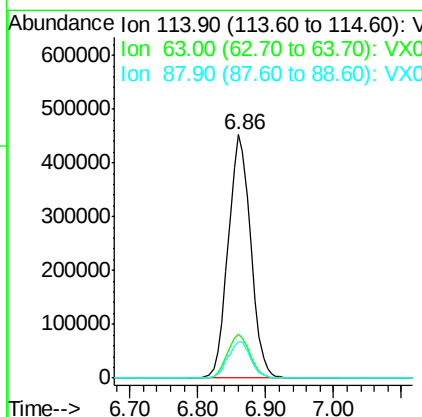
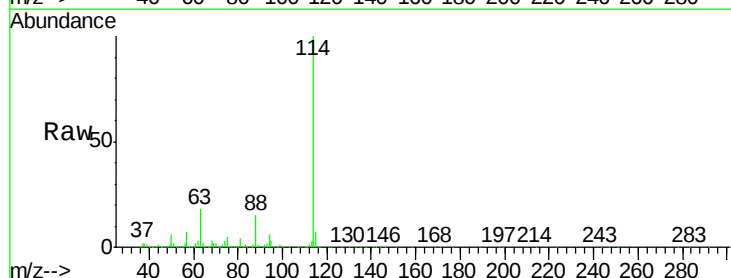
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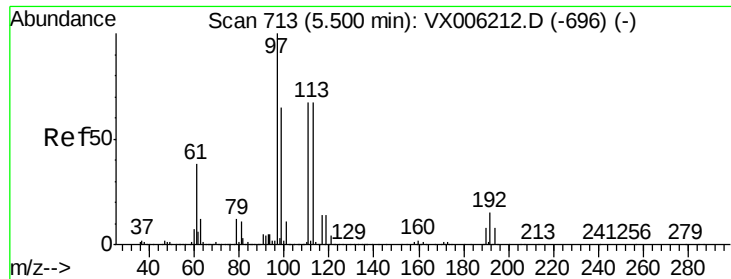
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006546.D
 Acq: 15 Dec 2018 06:07

Tgt Ion: 114 Resp: 1037885
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.6
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.777 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

Instrument :

MSVOA_X

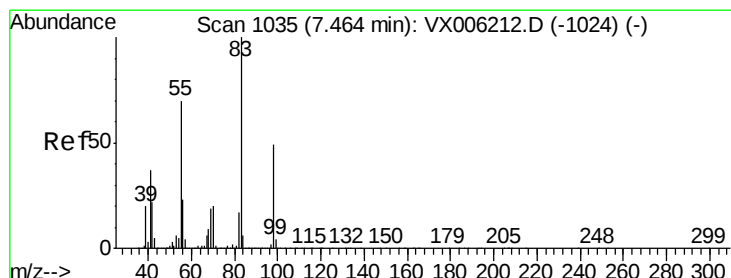
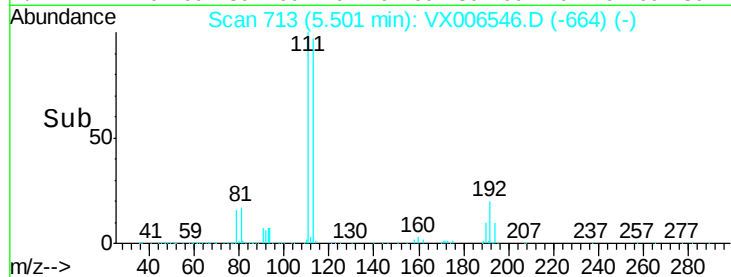
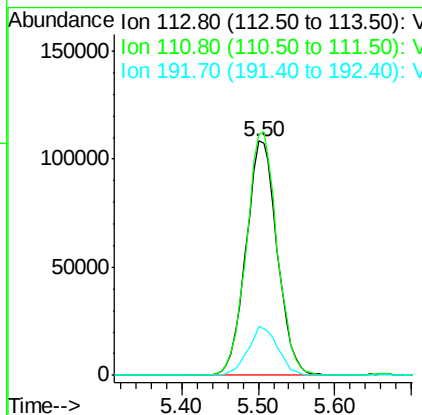
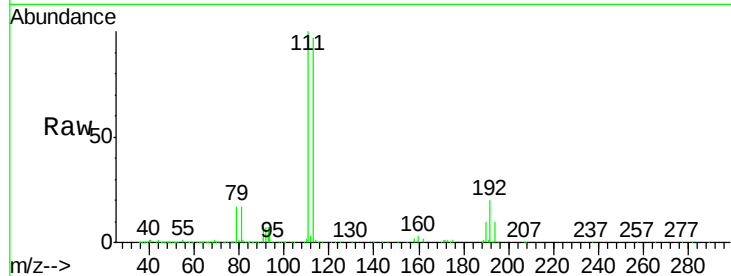
ClientSampleId :

PR-MW-01_121218

Tgt Ion:	113	Resp:	307616
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.1	121.7
192	20.0	18.2	27.2

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#39

Methylcyclohexane

Concen: 5.090 ug/l

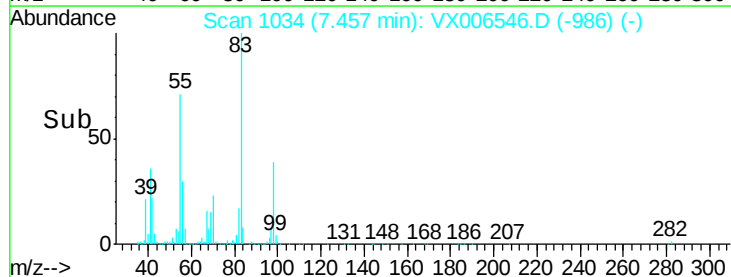
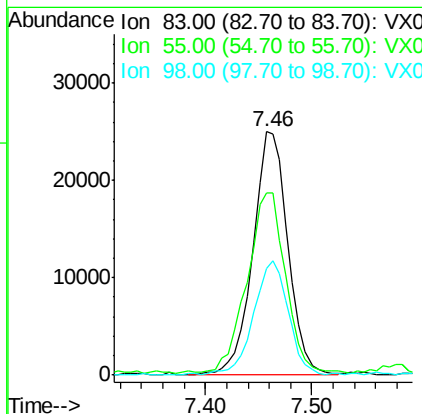
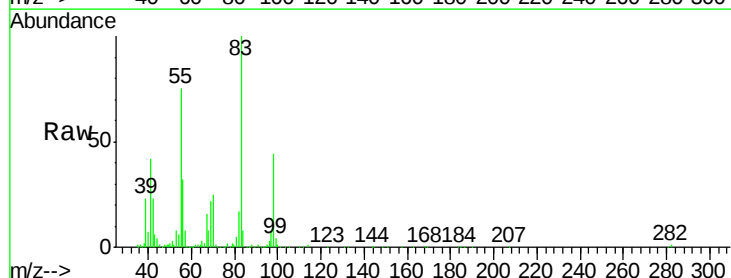
RT: 7.46 min Scan# 1034

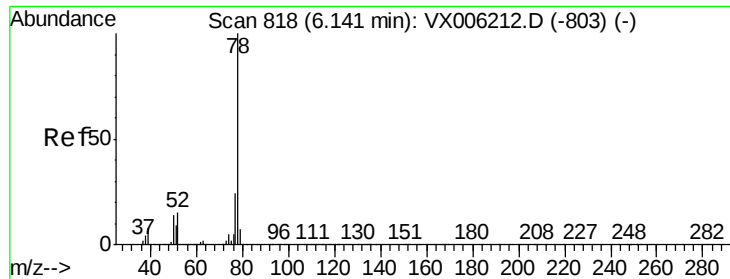
Delta R.T. -0.01 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

Tgt Ion:	83	Resp:	57746
Ion Ratio	Lower	Upper	
83	100		
55	73.0	56.4	84.6
98	43.0	39.0	58.6





#40

Benzene

Concen: 2.563 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218

Tgt Ion: 78 Resp: 67100

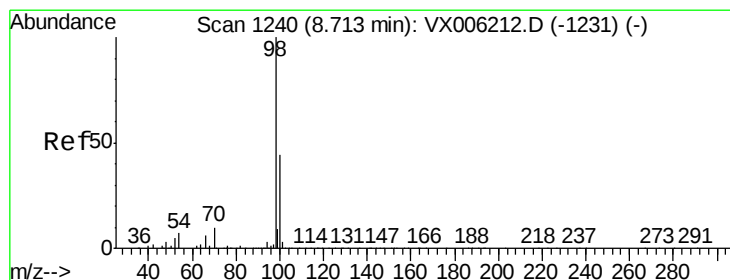
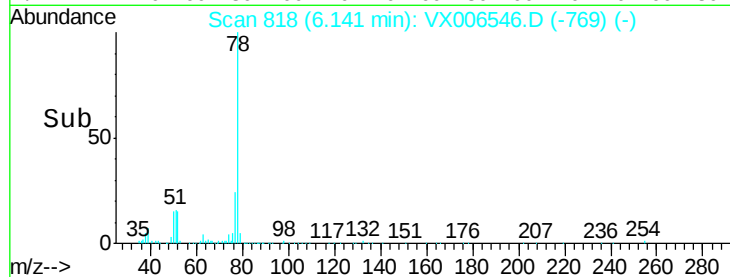
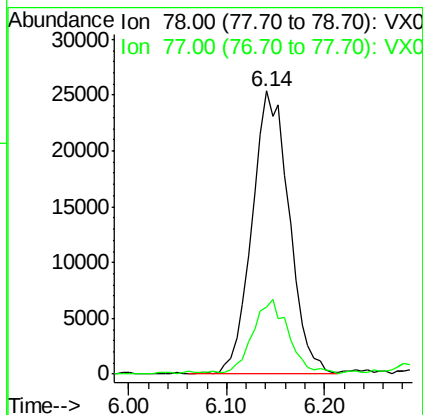
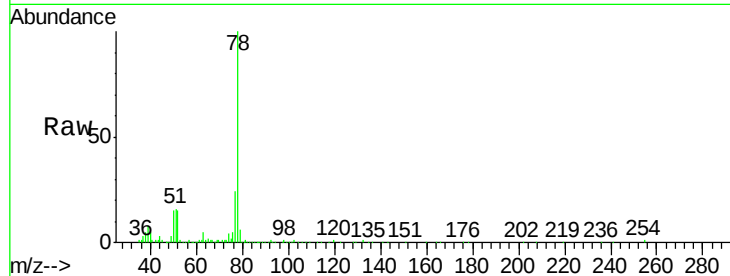
Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8

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#50

Toluene-d8

Concen: 50.854 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006546.D

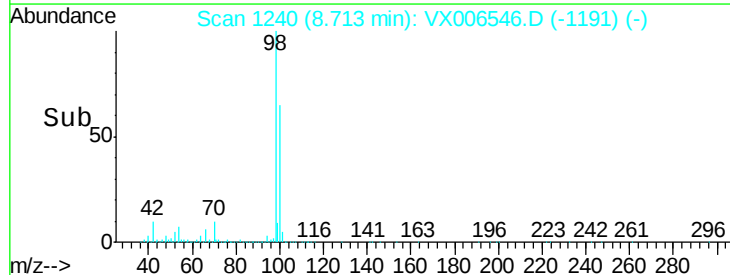
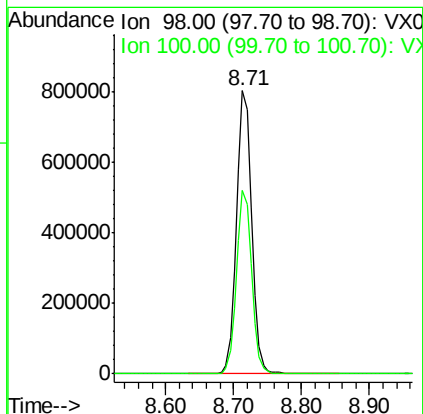
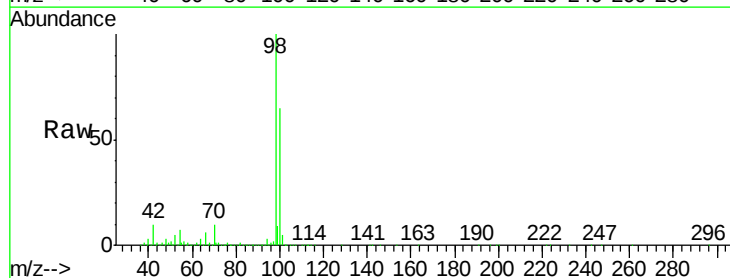
Acq: 15 Dec 2018 06:07

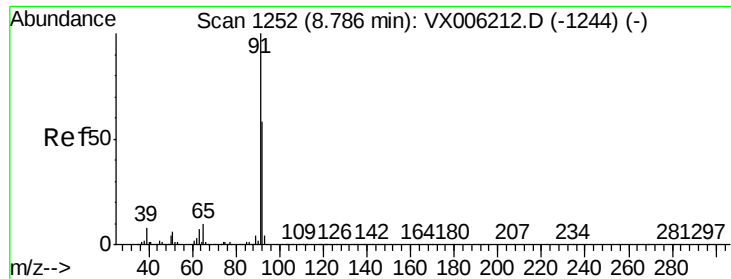
Tgt Ion: 98 Resp: 1243019

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#52

Toluene

Concen: 28.786 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01_121218

Tgt Ion: 92 Resp: 495751

Ion Ratio Lower Upper

92 100

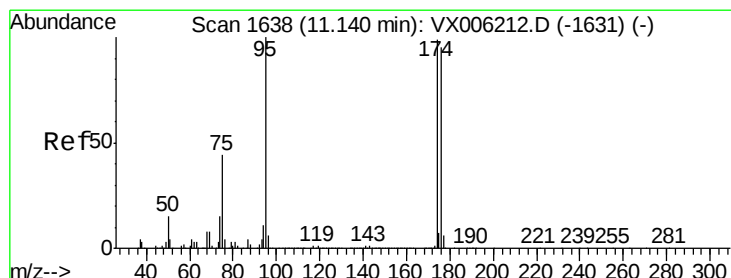
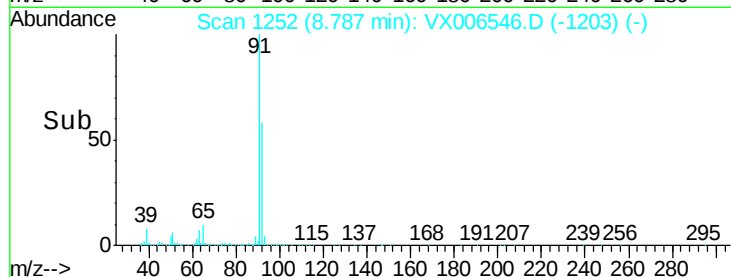
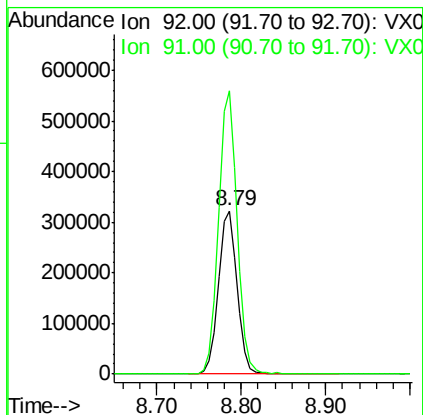
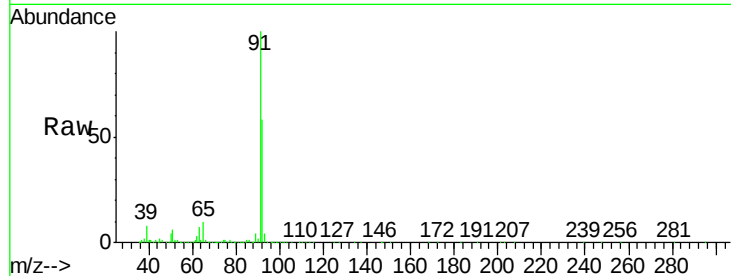
91 172.9 139.2 208.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006546.D

Acq: 15 Dec 2018 06:07

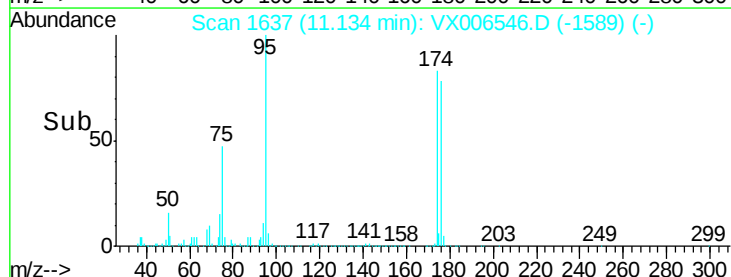
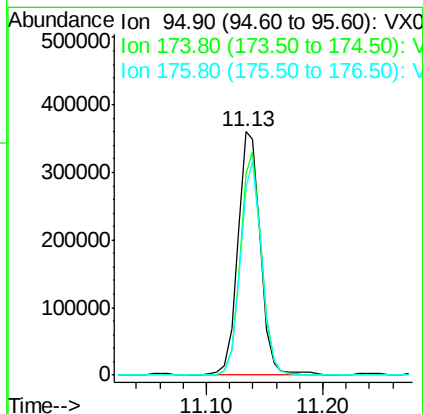
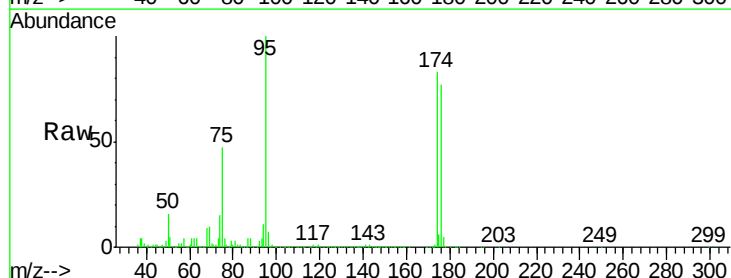
Tgt Ion: 95 Resp: 478701

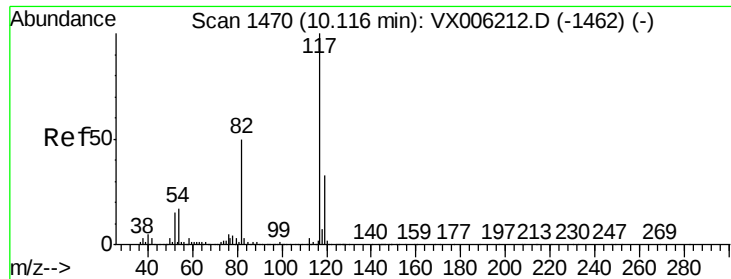
Ion Ratio Lower Upper

95 100

174 87.7 0.0 187.0

176 83.6 0.0 181.8





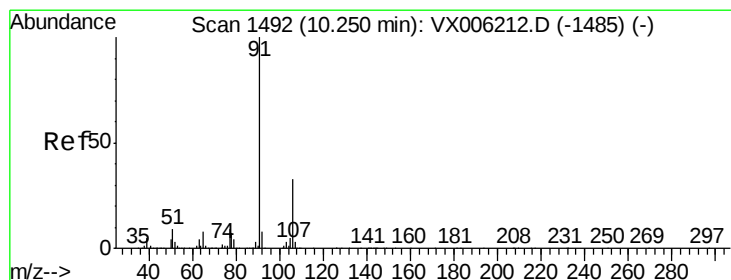
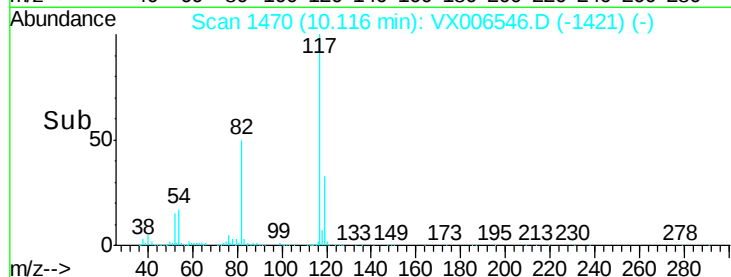
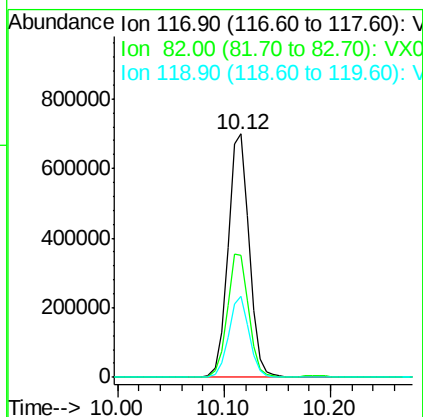
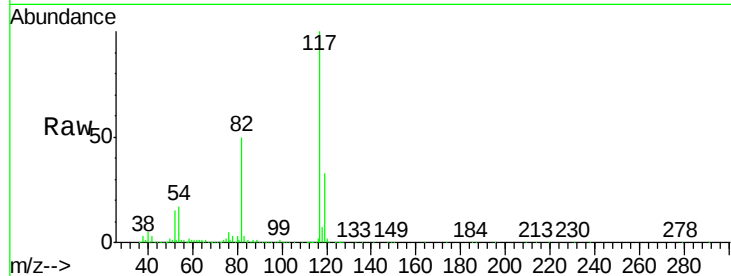
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.6	59.4
119	33.3	26.3	39.5

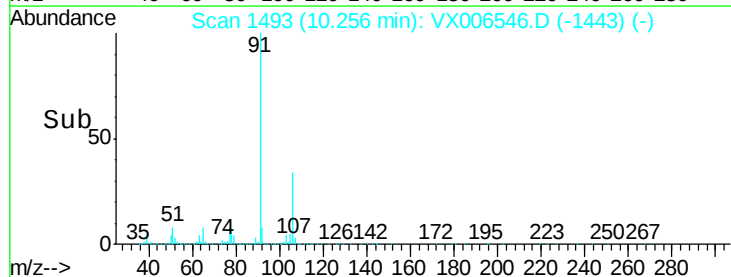
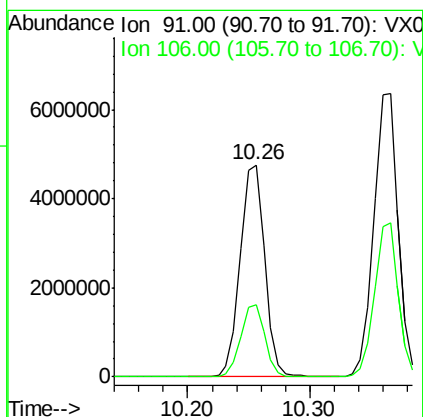
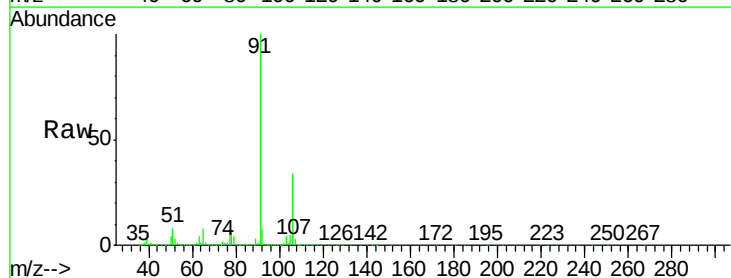
Manual Integrations
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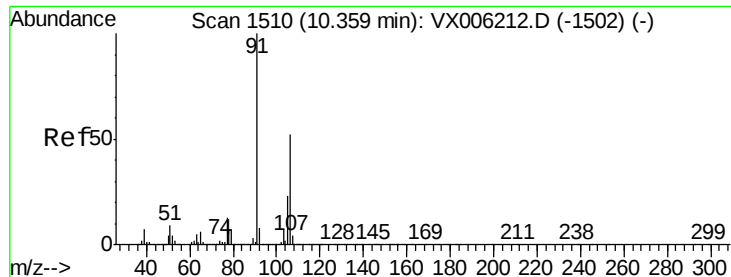
MMDadoda
12/17/2018 12:12:47 PM



#67
Ethyl Benzene
Concen: 192.916 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.1	26.5	39.7





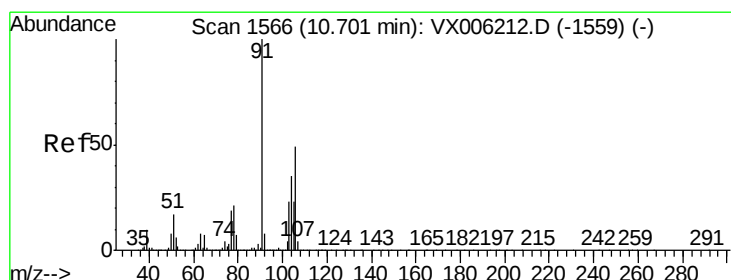
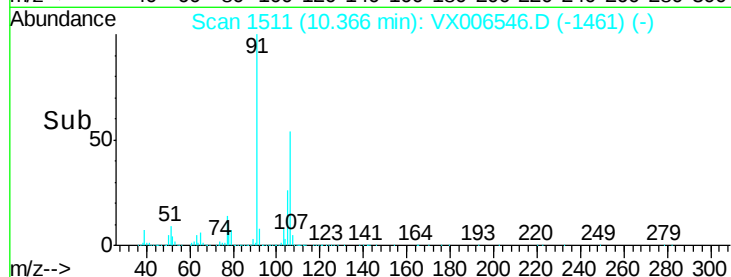
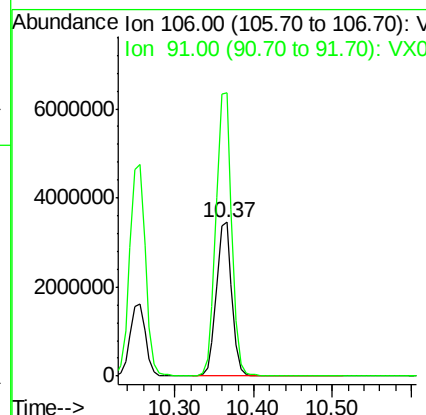
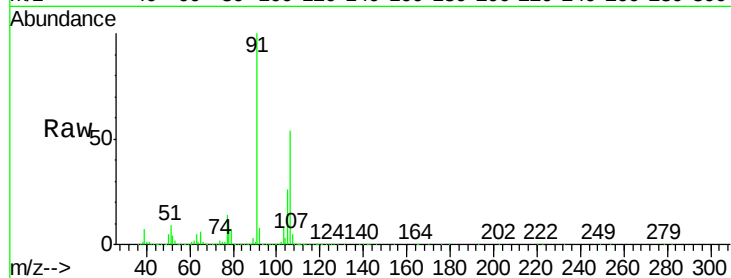
#68
m/p-Xylenes
Concen: 342.944 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

Tgt Ion:106 Resp: 4706095
Ion Ratio Lower Upper
106 100
91 188.3 155.2 232.8

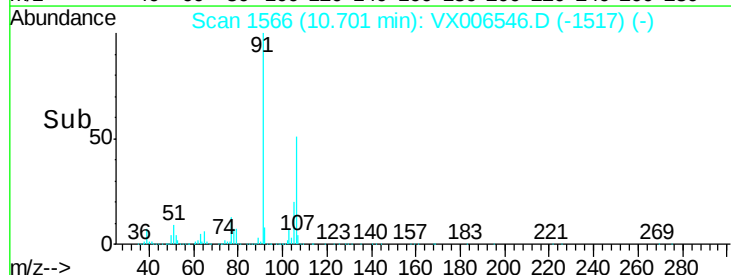
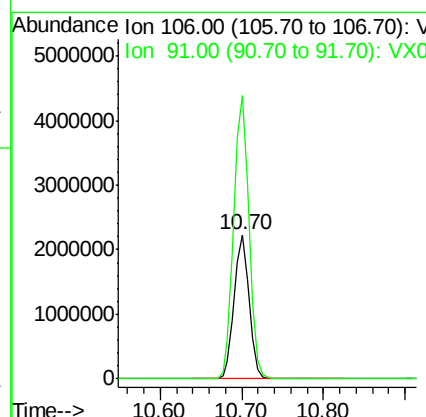
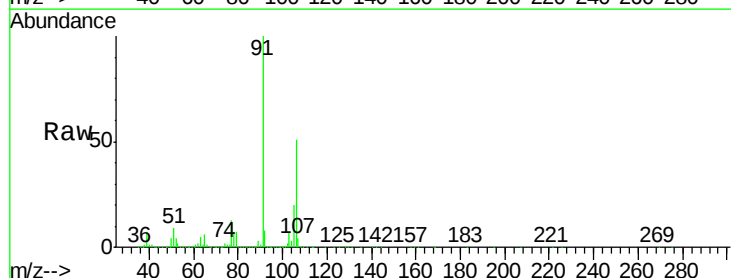
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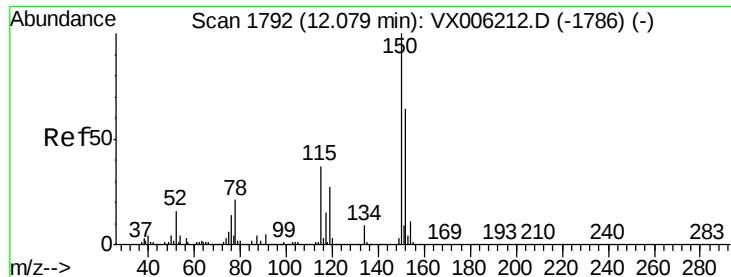
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#69
o-Xylene
Concen: 205.530 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Tgt Ion:106 Resp: 2785895
Ion Ratio Lower Upper
106 100
91 201.6 101.8 305.6





#72

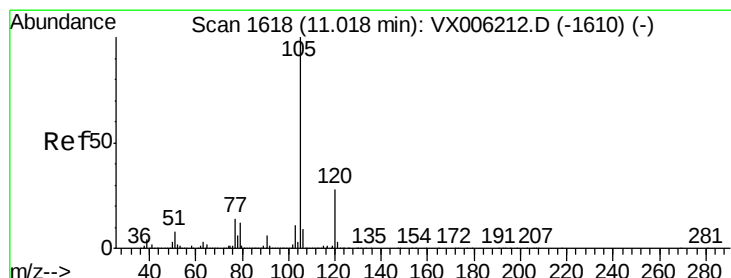
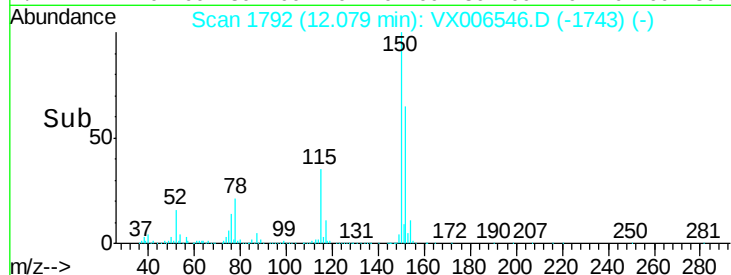
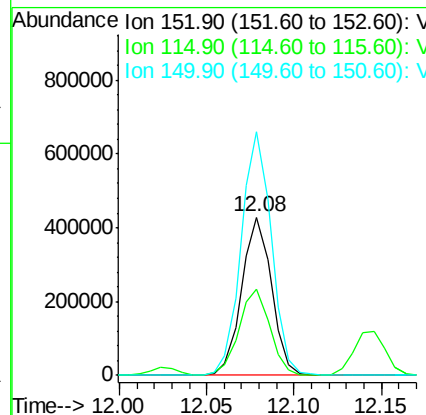
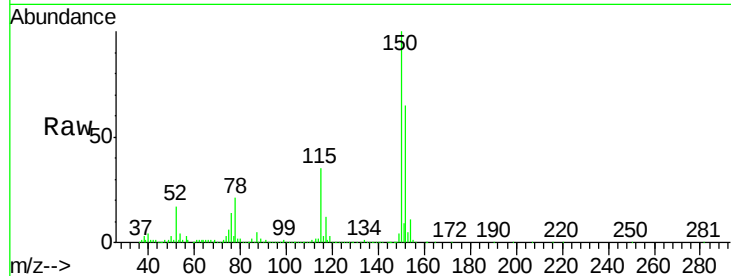
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	508070		
115	56.2	39.0	116.9	
150	155.5	0.0	345.8	

Manual Integrations
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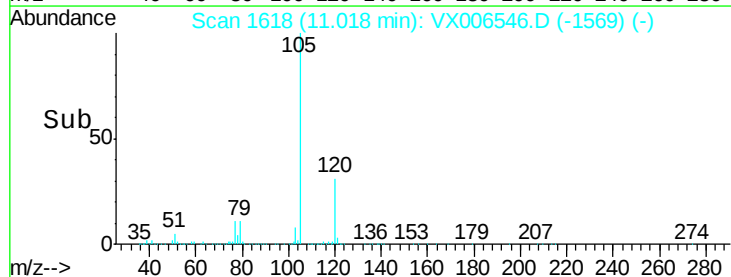
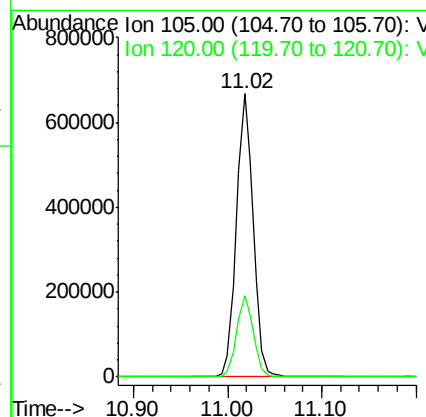
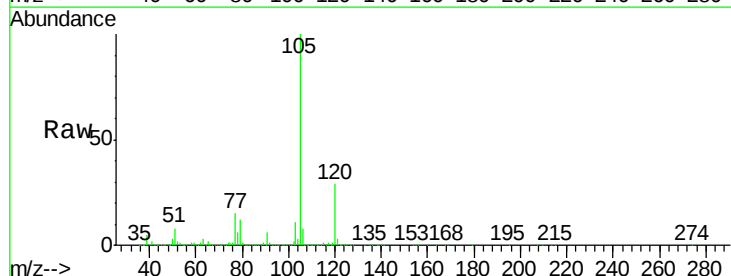
MMDadoda
12/17/2018 12:12:47 PM

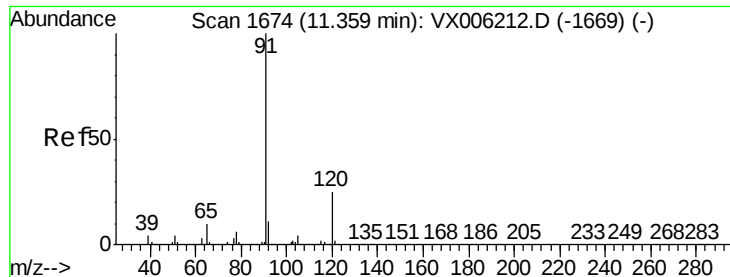


#73

Isopropylbenzene
Concen: 23.543 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	826037		
120	28.5	14.1	42.3	





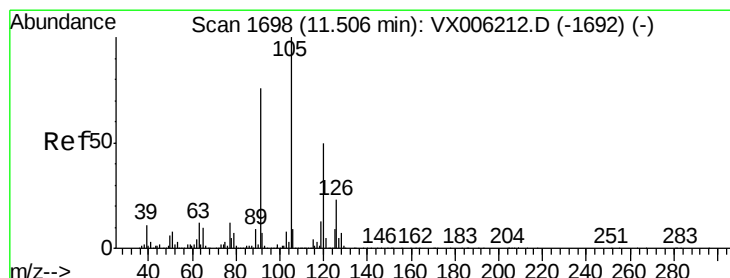
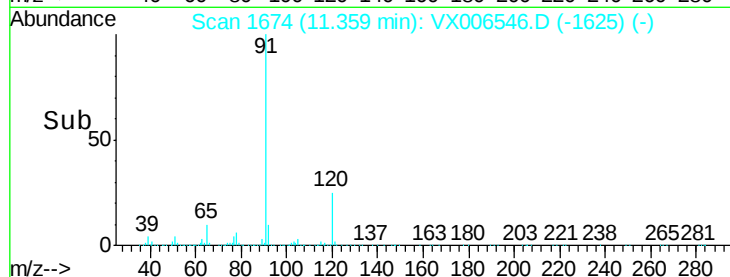
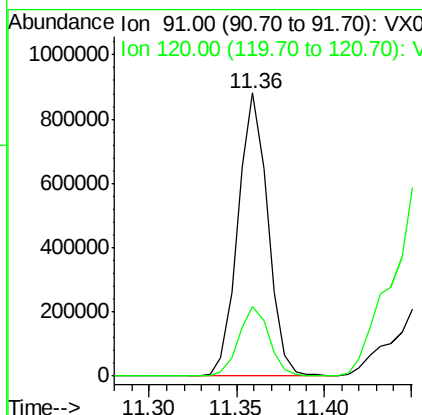
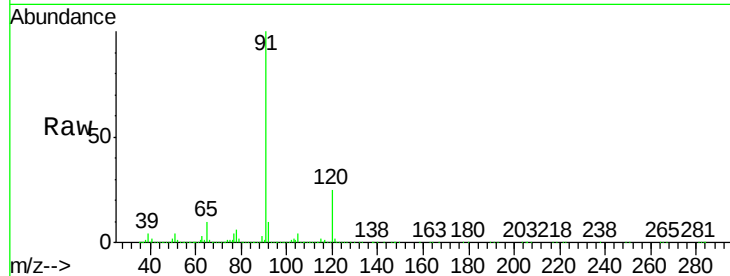
#78
n-propylbenzene
Concen: 26.764 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

Tgt Ion: 91 Resp: 1043838
Ion Ratio Lower Upper
91 100
120 25.1 12.7 38.0

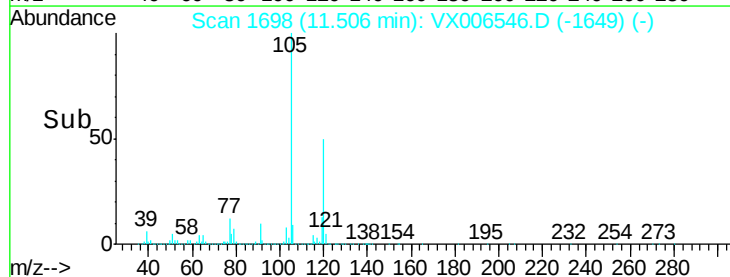
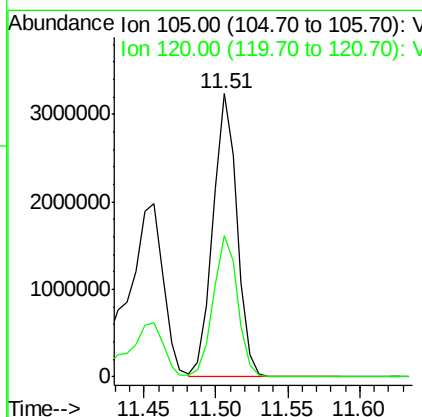
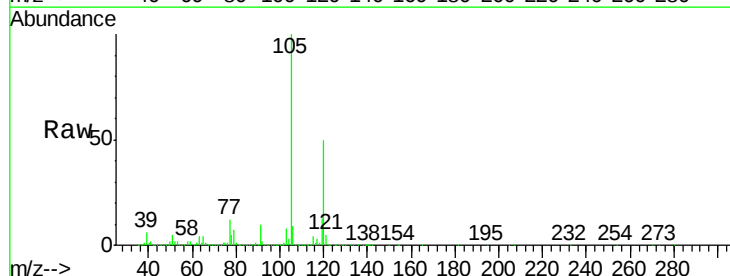
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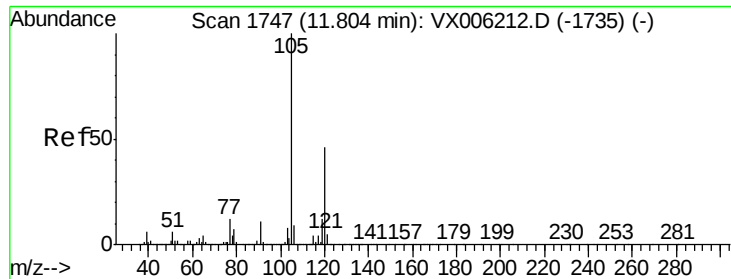
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#80
1,3,5-Trimethylbenzene
Concen: 129.099 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Tgt Ion: 105 Resp: 3768798
Ion Ratio Lower Upper
105 100
120 50.4 25.4 76.0





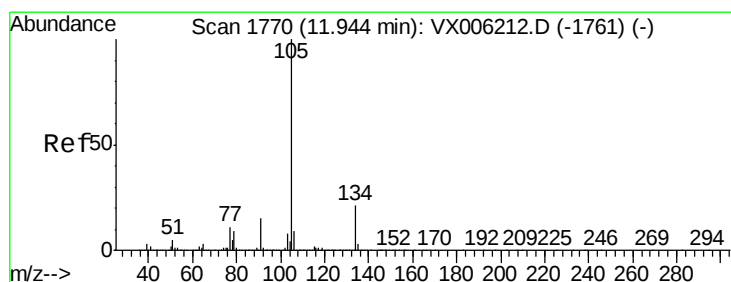
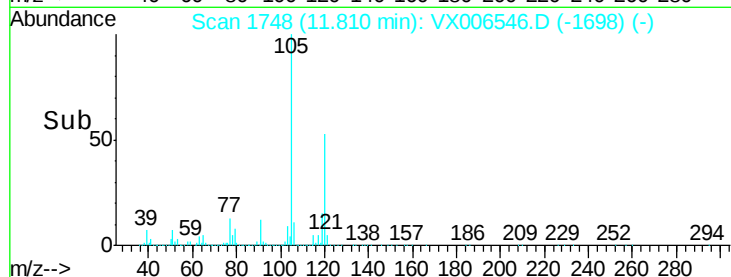
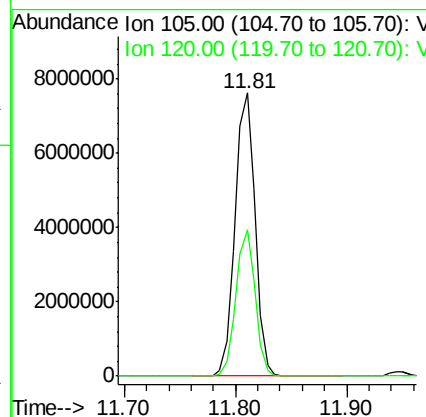
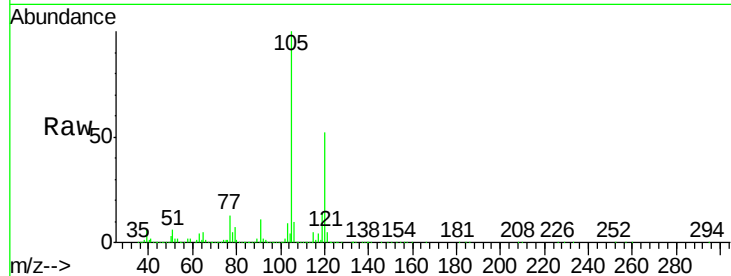
#84
 1,2,4-Trimethylbenzene
 Concen: 313.509 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006546.D
 Acq: 15 Dec 2018 06:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01_121218

Tgt Ion:105 Resp: 9450579
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.4 70.0

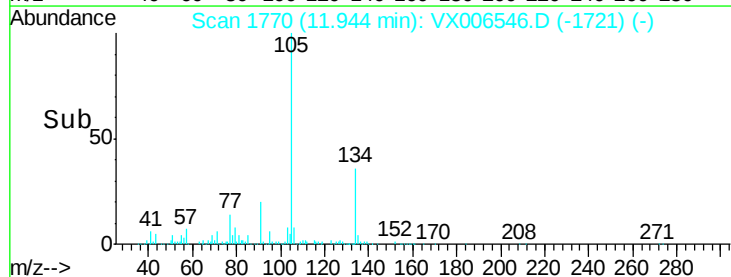
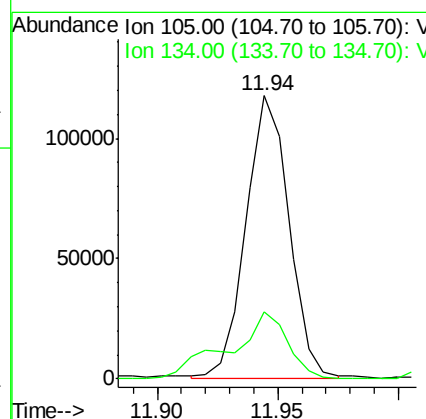
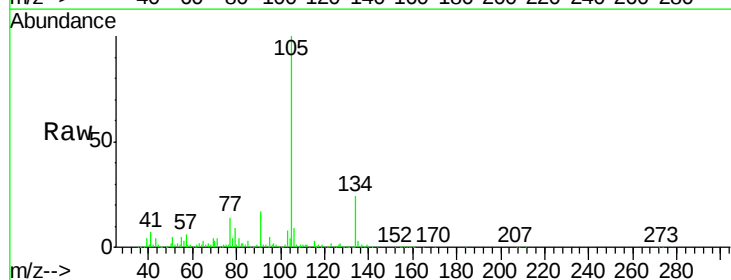
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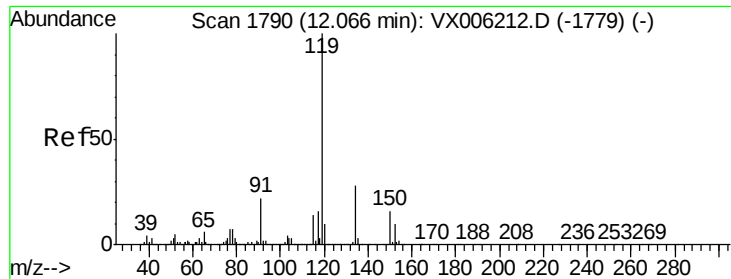
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#85
 sec-Butylbenzene
 Concen: 4.131 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006546.D
 Acq: 15 Dec 2018 06:07

Tgt Ion:105 Resp: 146394
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#





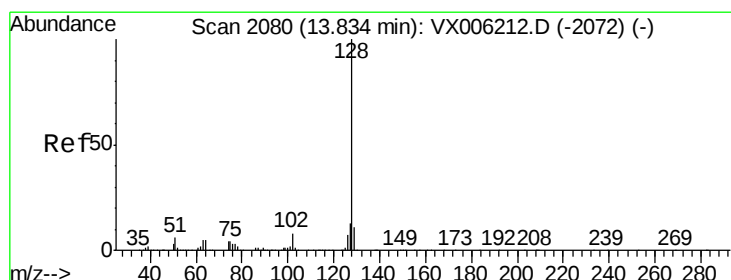
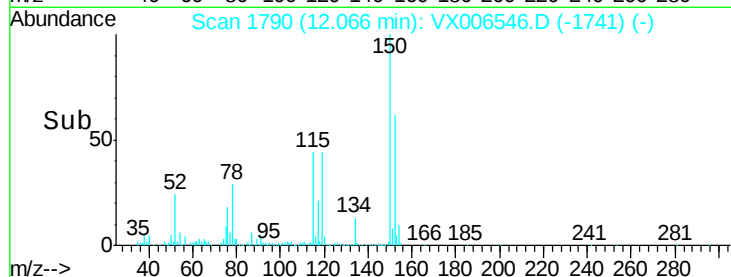
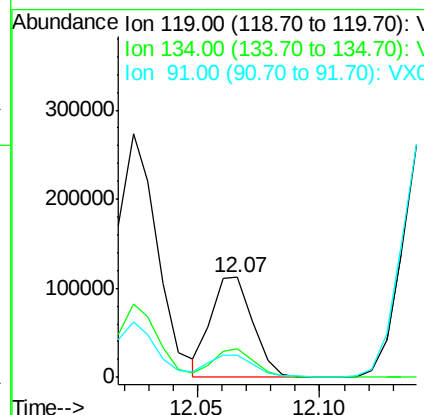
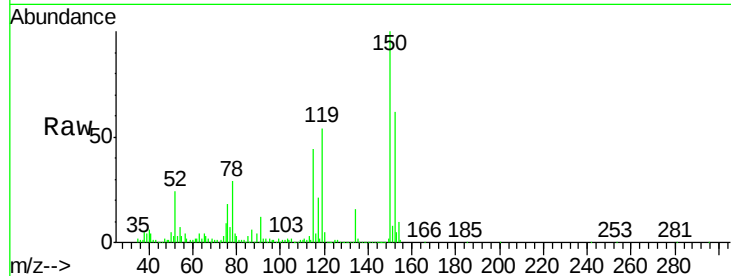
#86
p-Isopropyltoluene
Concen: 4.177 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01_121218

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.9	41.6
91	23.4	11.3	33.8

Manual Integrations
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#95
Naphthalene
Concen: 119.483 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006546.D
Acq: 15 Dec 2018 06:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.5	8.9	13.3

