

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO062119\
 Data File : VX010388.D
 Acq On : 21 Jun 2019 16:35
 Operator : JC/SP
 Sample : K3469-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-061919

Manual Integrations
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 6/24/2019 11:23:18 AM

Quant Time: Jul 01 01:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	446384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	400798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	136341	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	136004	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	520117	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	179345	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	7937	5.800	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	38057	4.792	ug/l	95
31) Cyclohexane	5.59	56	17332	4.394	ug/l	95
39) Methylcyclohexane	7.46	83	20473	4.391	ug/l	99
73) Isopropylbenzene	11.02	105	82842	6.415	ug/l	98
78) n-propylbenzene	11.36	91	65896	4.643	ug/l	100
83) tert-Butylbenzene	11.77	119	22544	2.110	ug/l	92
85) sec-Butylbenzene	11.94	105	90199	7.189	ug/l	80
89) n-Butylbenzene	12.38	91	13055m	1.324	ug/l	

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

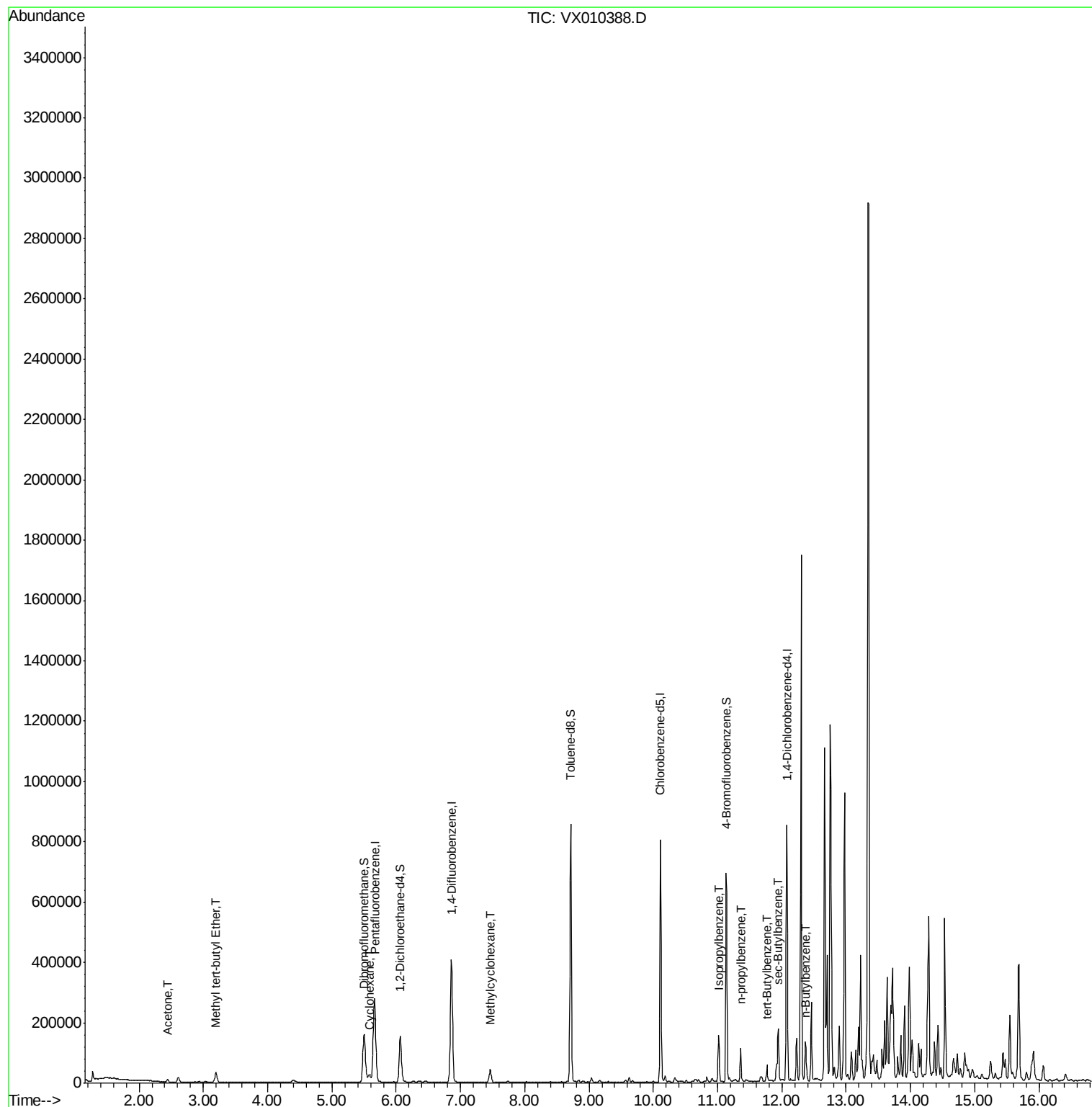
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Data File : VX010388.D
Acq On : 21 Jun 2019 16:35
Operator : JC/SP
Sample : K3469-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

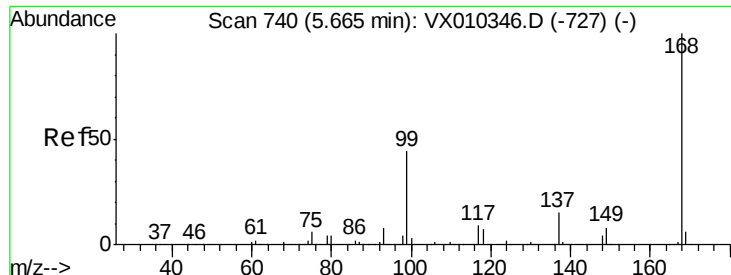
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-061919

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Quant Time: Jul 01 01:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010388.D

Acq: 21 Jun 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-061919

Tot Ion:168 Resp: 291247

Ion Ratio Lower Upper

168 100

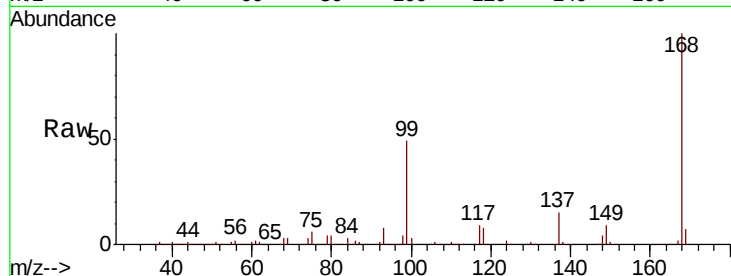
99 48.6 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

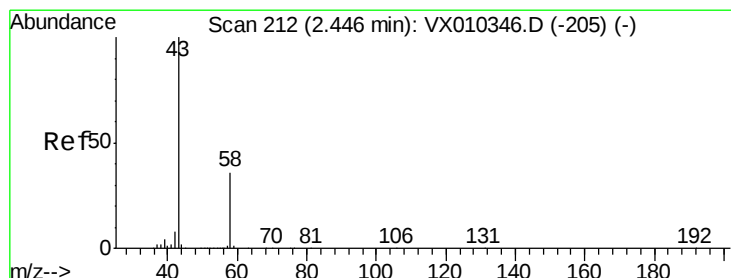
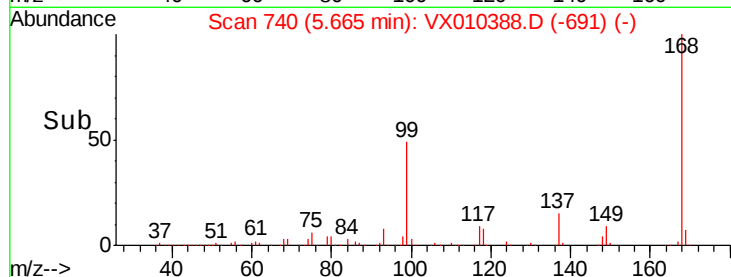
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 5.800 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010388.D

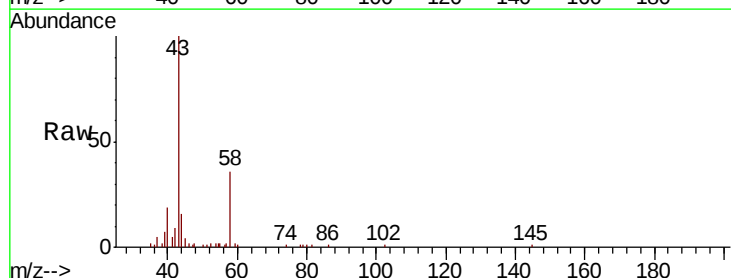
Acq: 21 Jun 2019 16:35

Tgt Ion: 43 Resp: 7937

Ion Ratio Lower Upper

43 100

58 35.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

3000

2000

1000

0

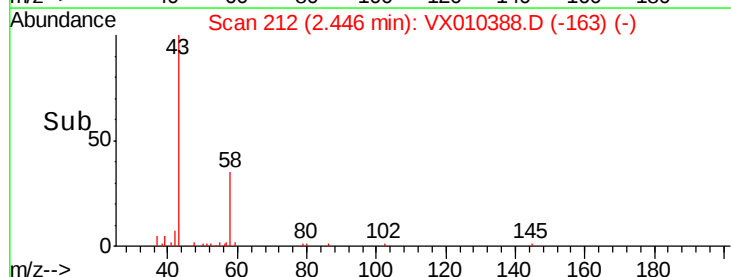
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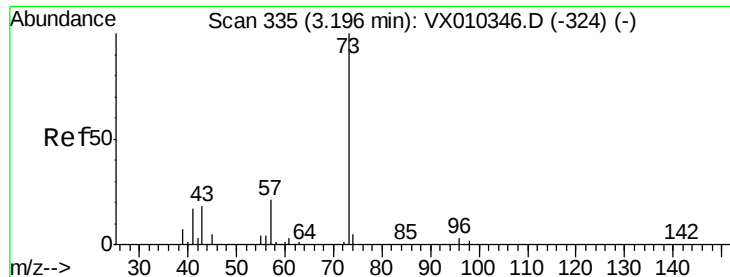
2.35

2.40

2.45

2.50





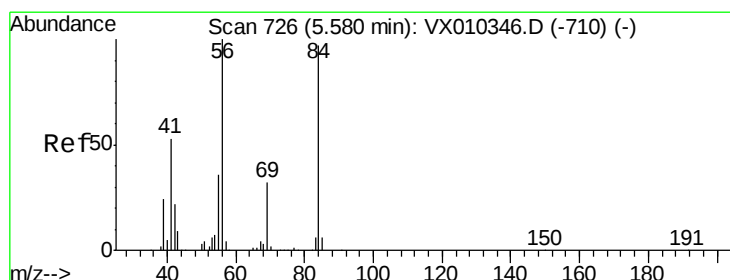
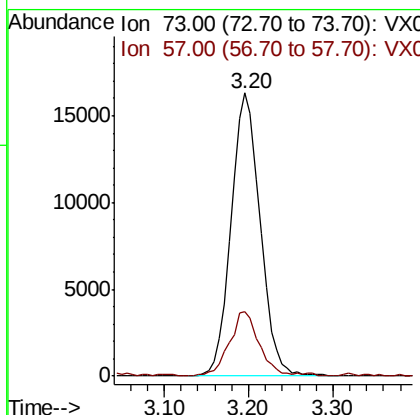
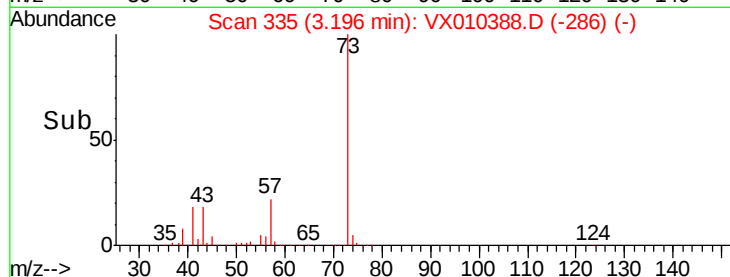
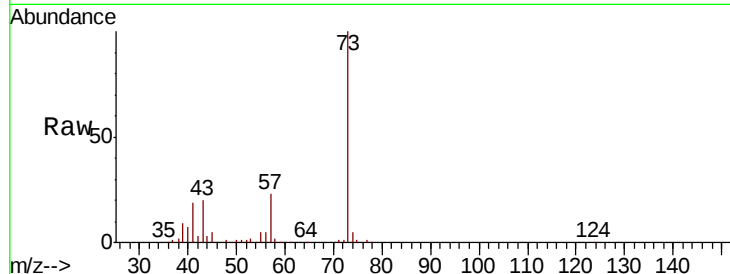
#19
Methvl tert-butvl Ether
Concen: 4.792 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-061919

Tot Ion: 73 Resp: 38057
Ion Ratio Lower Upper
73 100
57 22.6 16.4 24.6

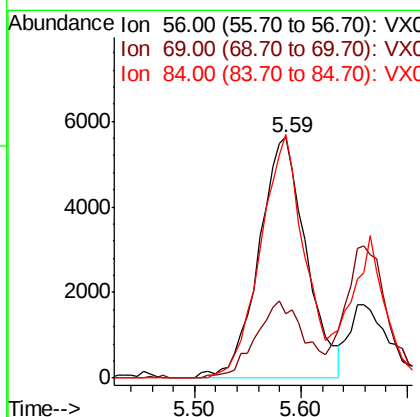
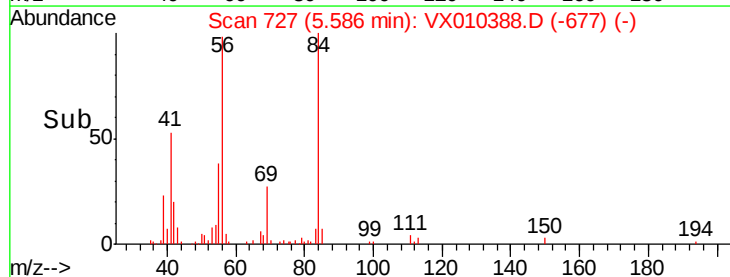
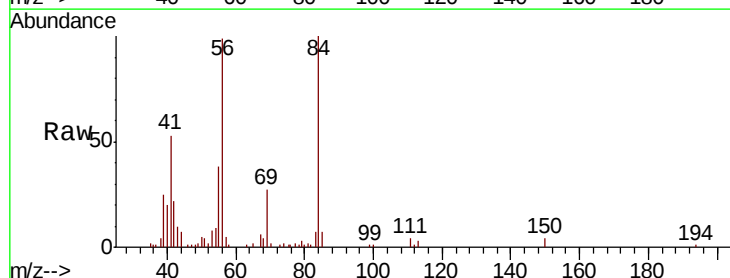
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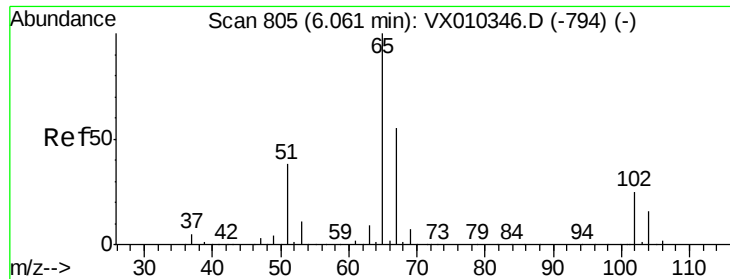
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#31
Cyclohexane
Concen: 4.394 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Tgt Ion: 56 Resp: 17332
Ion Ratio Lower Upper
56 100
69 27.0 25.9 38.9
84 101.1 78.0 117.0





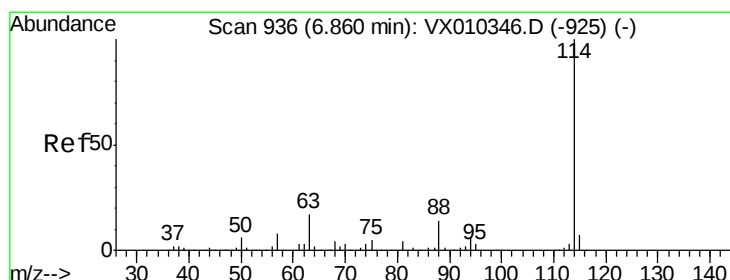
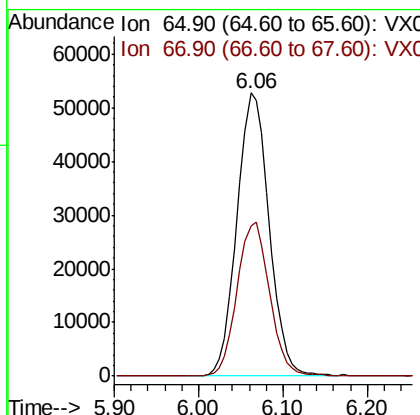
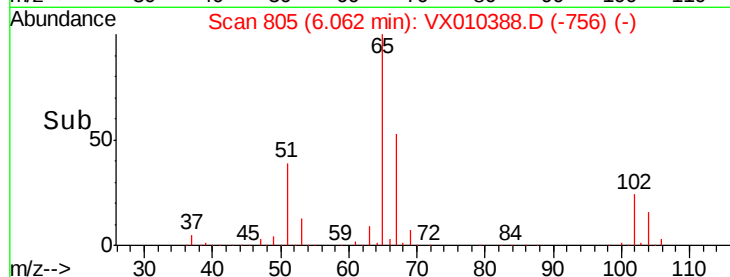
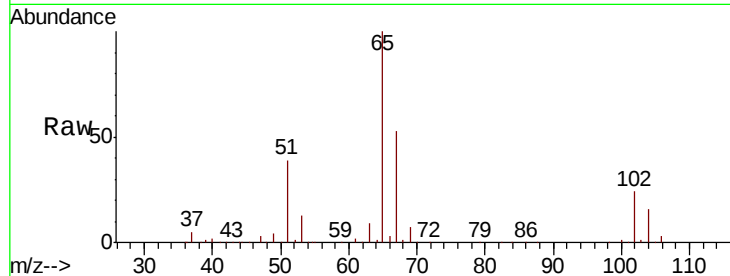
#33
 1,2-Dichloroethane-d4
 Concen: 49.928 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010388.D
 Acq: 21 Jun 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-061919

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.2

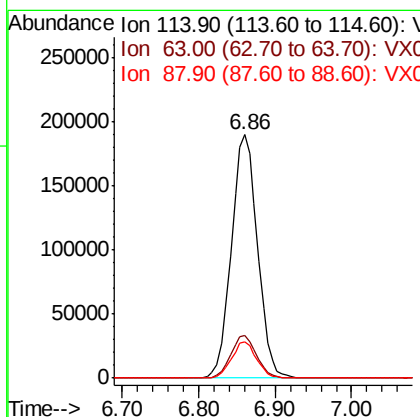
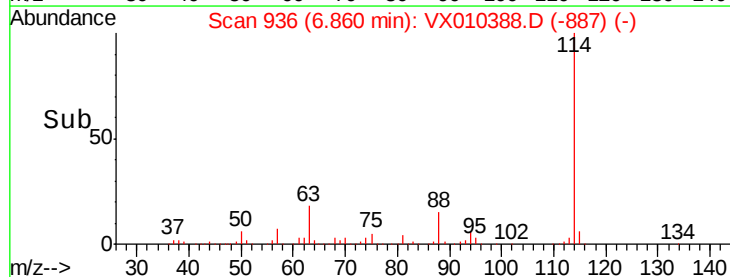
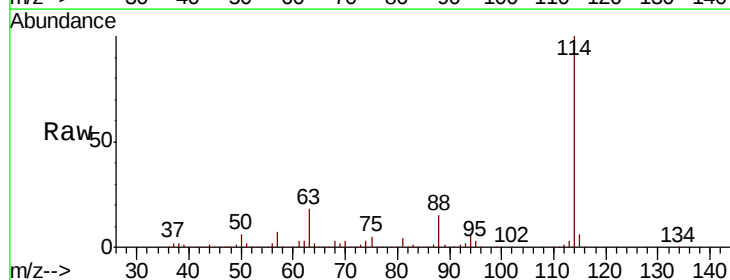
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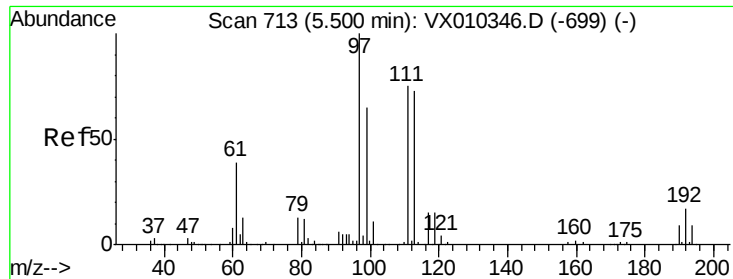
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010388.D
 Acq: 21 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	33.8
88	14.7	0.0	27.6





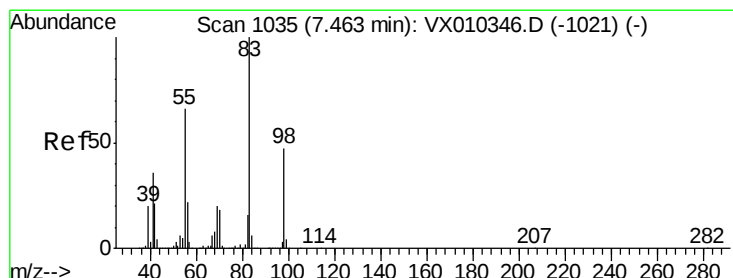
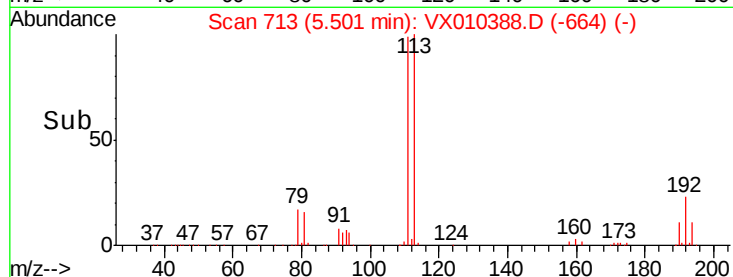
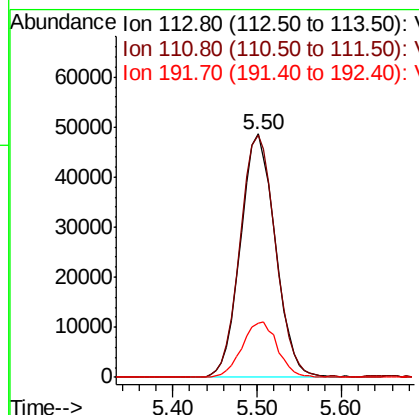
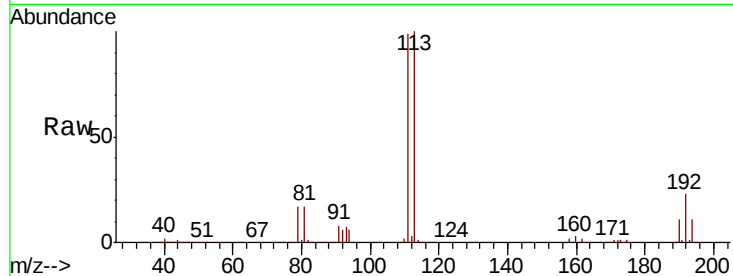
#35
 Dibromofluoromethane
 Concen: 49.798 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010388.D
 Acq: 21 Jun 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-061919

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136004		
111	101.4	81.2	121.8	
192	23.2	18.6	27.8	

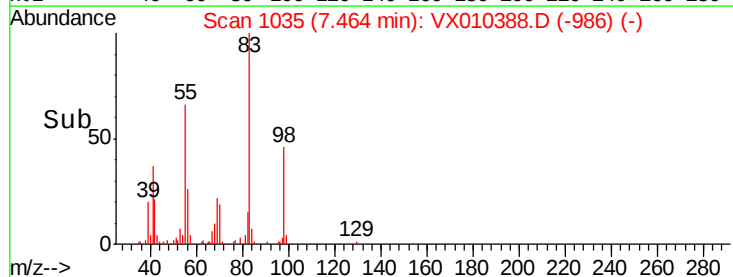
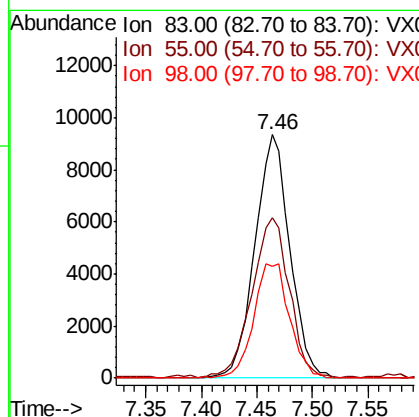
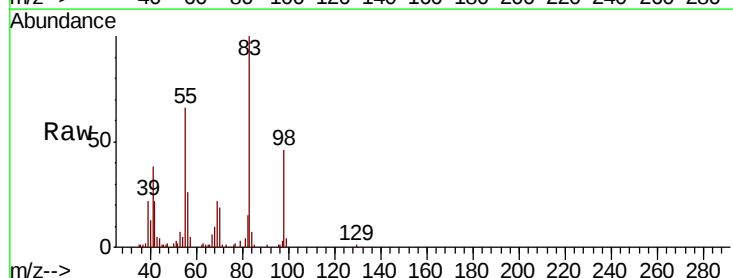
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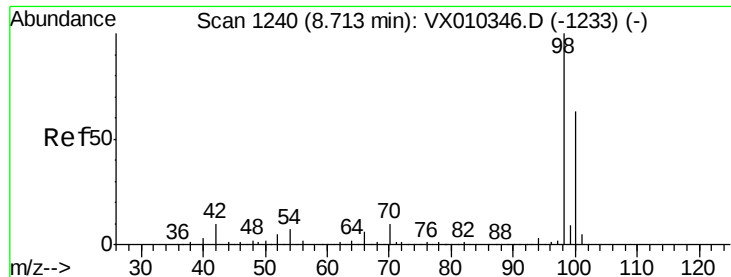
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#39
 Methylcyclohexane
 Concen: 4.391 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX010388.D
 Acq: 21 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	20473		
55	65.7	53.0	79.6	
98	45.9	37.8	56.8	





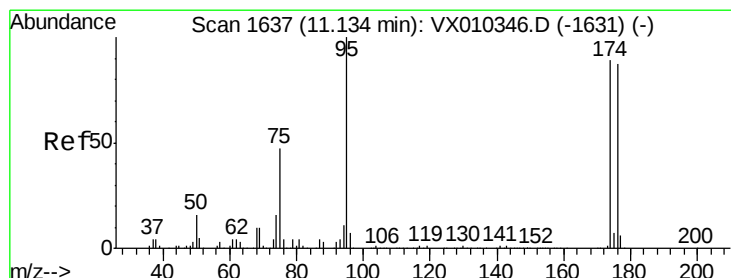
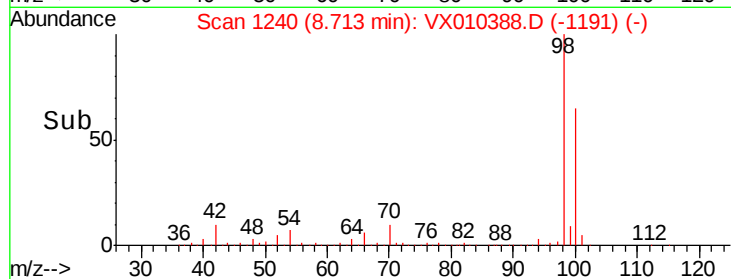
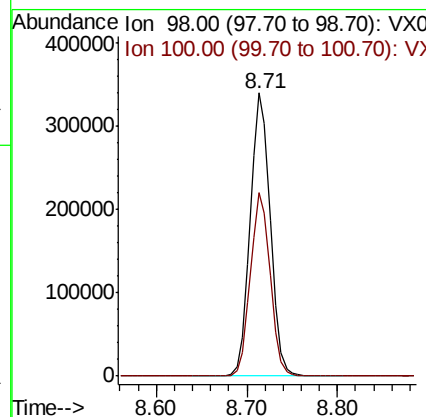
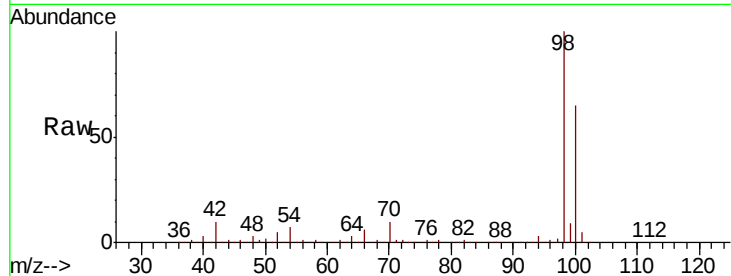
#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-061919

Tot Ion: 98 Resp: 520117
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

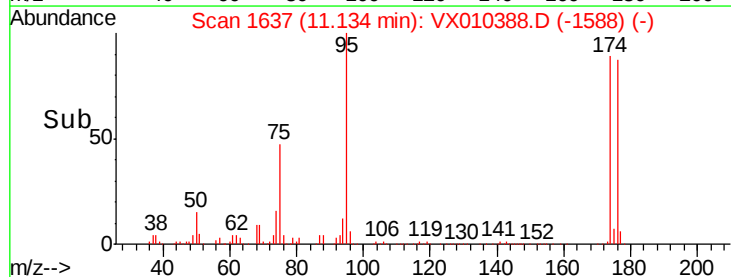
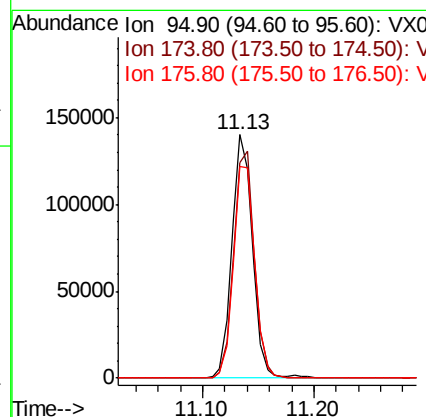
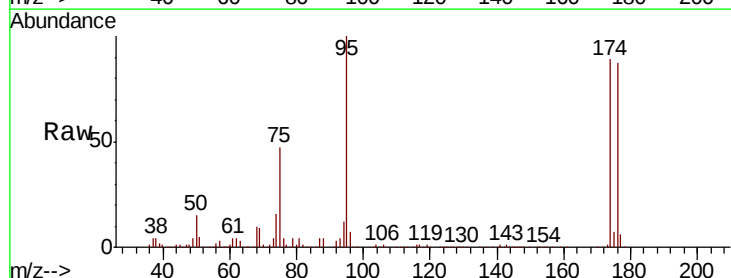
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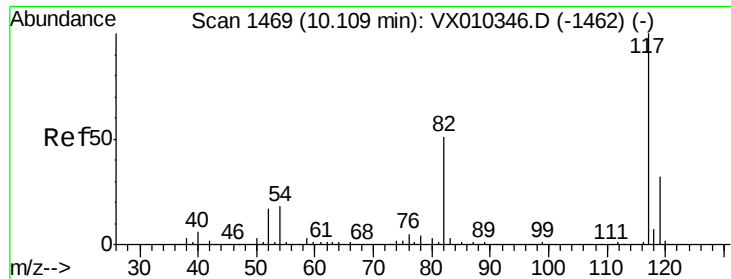
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#62
4-Bromofluorobenzene
Concen: 47.542 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Tgt Ion: 95 Resp: 179345
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.6
176 90.5 0.0 184.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010388.D

Acq: 21 Jun 2019 16:35

Instrument :

MSVOA_X

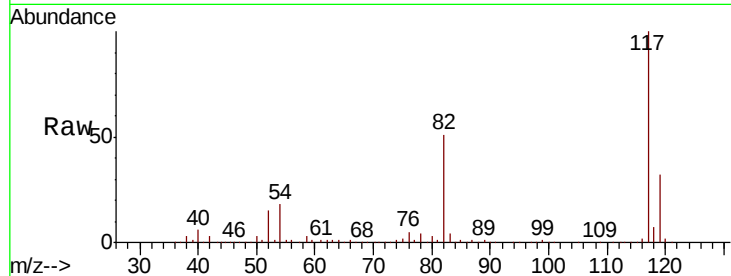
ClientSampleId :

T11-MW-4-9.0-061919

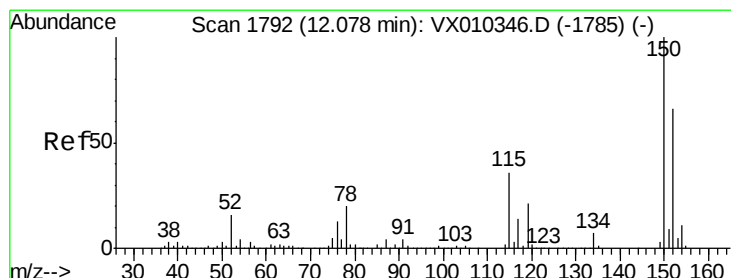
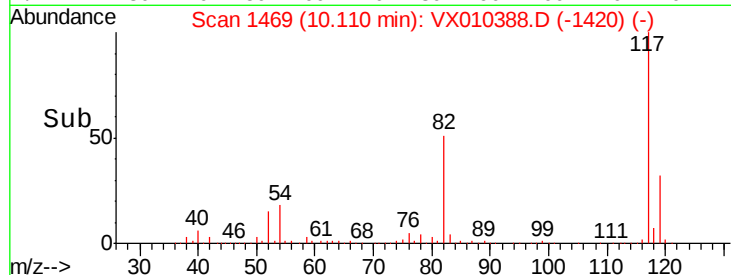
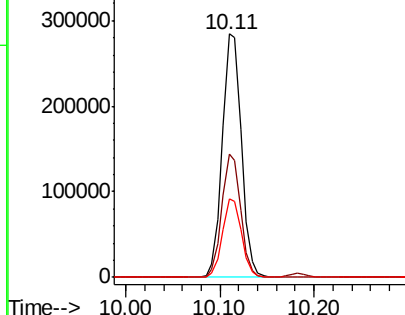
Tot Ion:	117	Resp:	400798
Ion Ratio	Lower	Upper	
117	100		
82	50.8	41.2	61.8
119	32.2	25.5	38.3

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX010388.D (-1420) (-)
Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

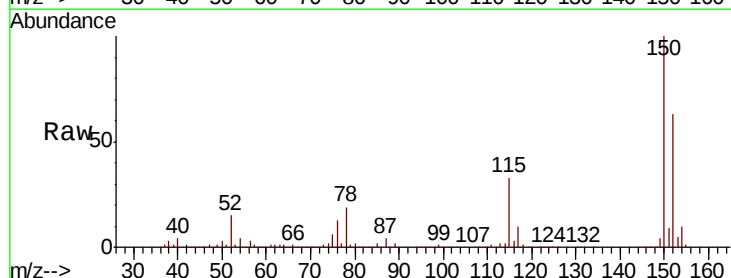
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

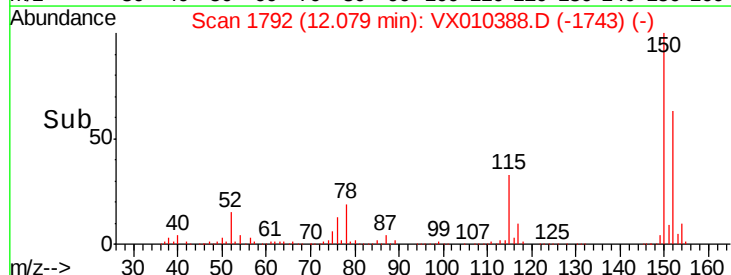
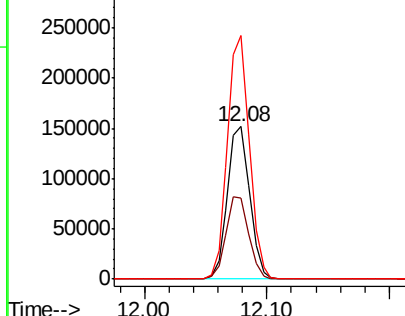
Lab File: VX010388.D

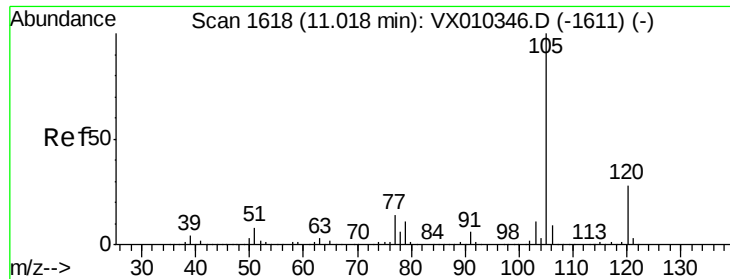
Acq: 21 Jun 2019 16:35

Tgt Ion:	152	Resp:	190516
Ion Ratio	Lower	Upper	
152	100		
115	55.4	38.6	115.7
150	157.3	0.0	347.4



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: 6.415 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010388.D

Acq: 21 Jun 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-061919

Tot Ion: 105 Resp: 82842

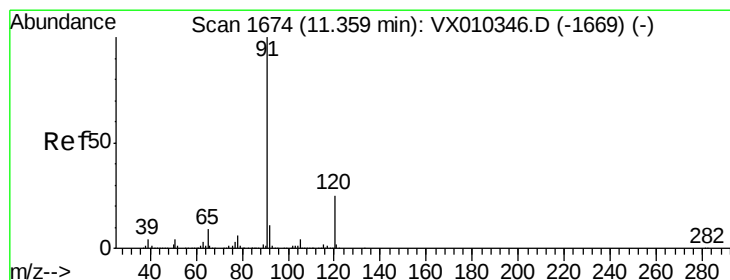
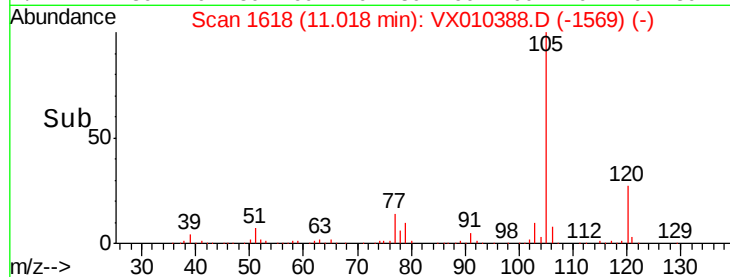
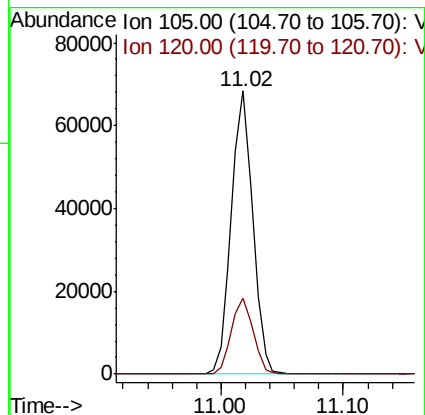
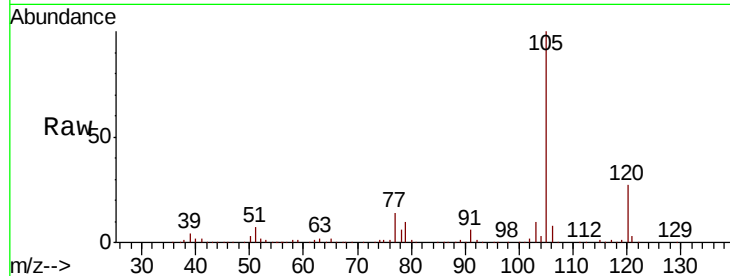
Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4

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#78

n-propylbenzene

Concen: 4.643 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010388.D

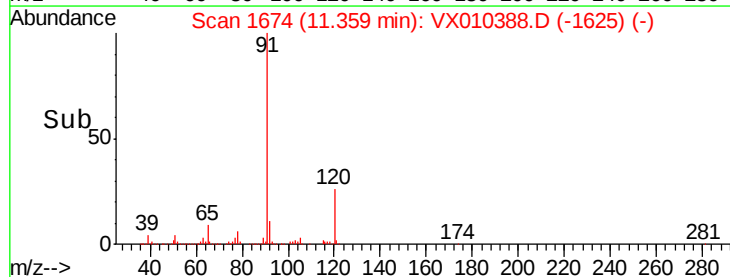
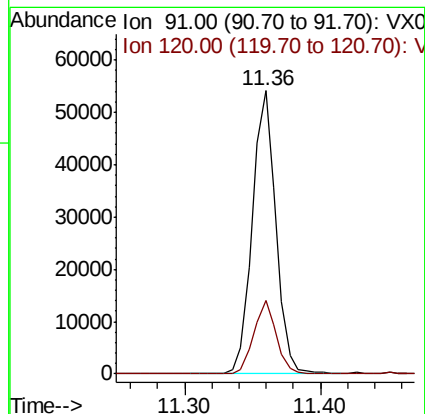
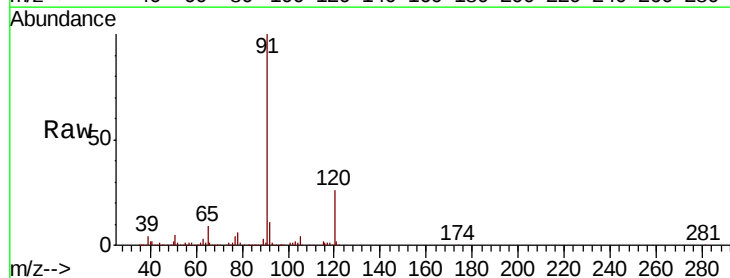
Acq: 21 Jun 2019 16:35

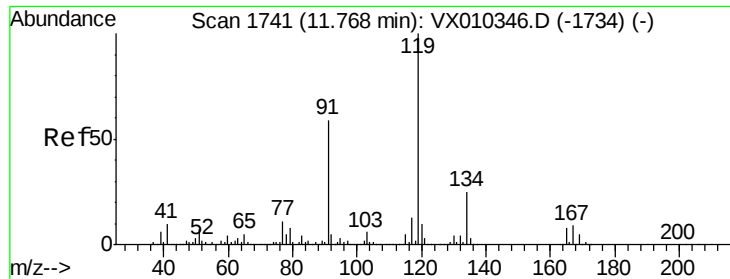
Tgt Ion: 91 Resp: 65896

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.4





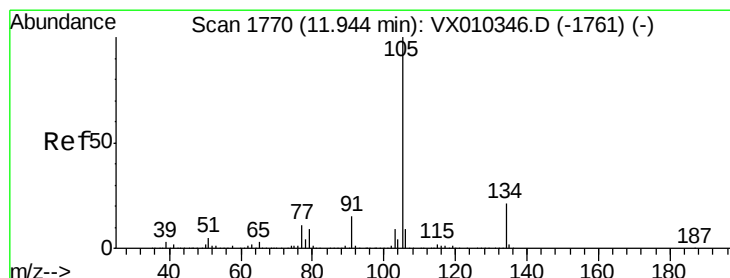
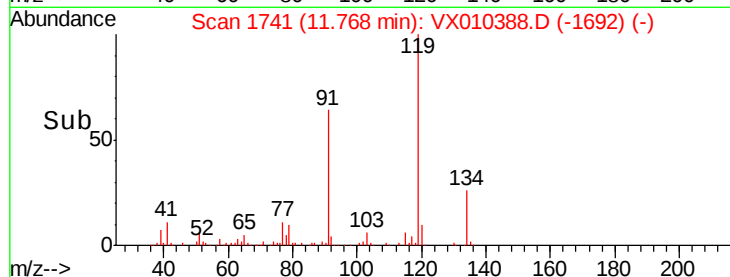
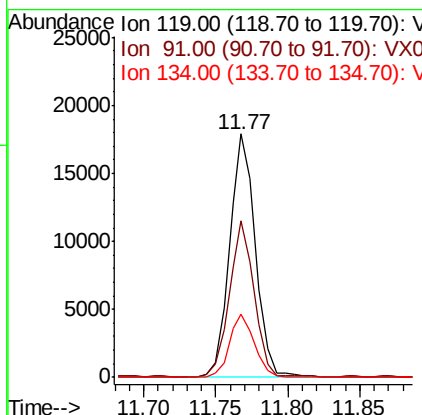
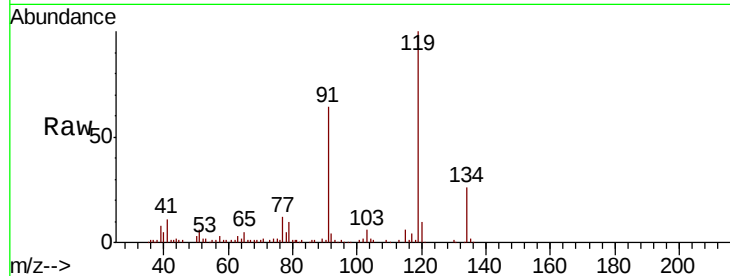
#83
tert-Butylbenzene
Concen: 2.110 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-4-9.0-061919

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.5	27.6	82.7
134	25.2	11.8	35.4

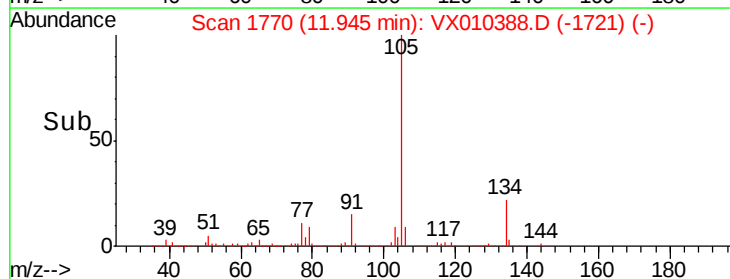
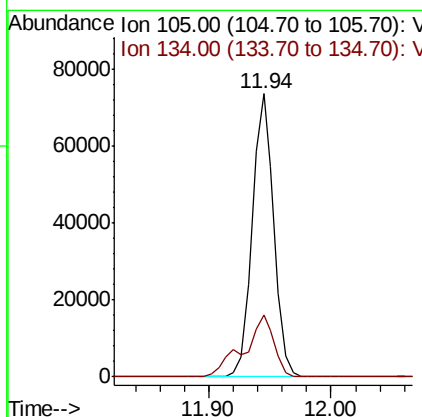
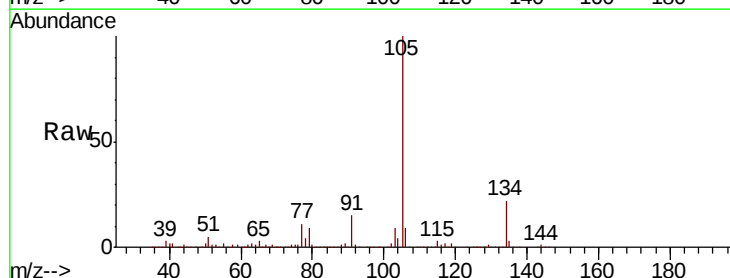
Manual Integrations
APPROVED

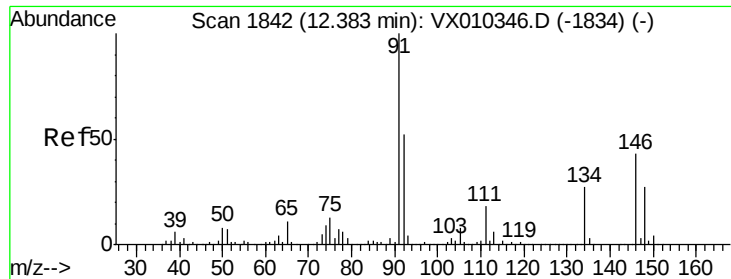
MMDadoda
6/24/2019 11:23:18 AM



#85
sec-Butylbenzene
Concen: 7.189 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010388.D
Acq: 21 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.6	10.7	31.9





#89

n-Butylbenzene

Concen: 1.324 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010388.D

Acq: 21 Jun 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-4-9.0-061919

Tot Ion: 91 Resp: 13055

Ion Ratio Lower Upper

91 100

92 55.8 26.2 78.5

134 139.6 14.1 42.4#

Manual Integrations
APPROVED

MMDadoda

6/24/2019 11:23:18 AM

