

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010391.D
 Acq On : 21 Jun 2019 17:45
 Operator : JC/SP
 Sample : K3469-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-1-8.0-062019

Manual Integrations
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MMDadoda
 6/24/2019 11:23:32 AM

Quant Time: Jun 22 00:52:16 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	294361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135215	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	136715	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.71	98	527545	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	177632	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	20193	27.961	ug/l	96
16) Acetone	2.45	43	5701	4.122	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	50984	6.352	ug/l #	85
31) Cyclohexane	5.58	56	20154	5.055	ug/l #	96
39) Methylcyclohexane	7.46	83	22015	4.702	ug/l	95
65) Chlorobenzene	10.13	112	2375	0.291	ug/l	90
68) m/p-Xylenes	10.36	106	4074	0.762	ug/l	100
69) o-Xylene	10.70	106	1426	0.271	ug/l	87
73) Isopropylbenzene	11.02	105	5789	0.443	ug/l	99
78) n-propylbenzene	11.36	91	6514	0.454	ug/l	98
83) tert-Butylbenzene	11.77	119	8122	0.751	ug/l	97
85) sec-Butylbenzene	11.94	105	9205	0.725	ug/l #	55
89) n-Butylbenzene	12.38	91	4808m	0.482	ug/l	

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

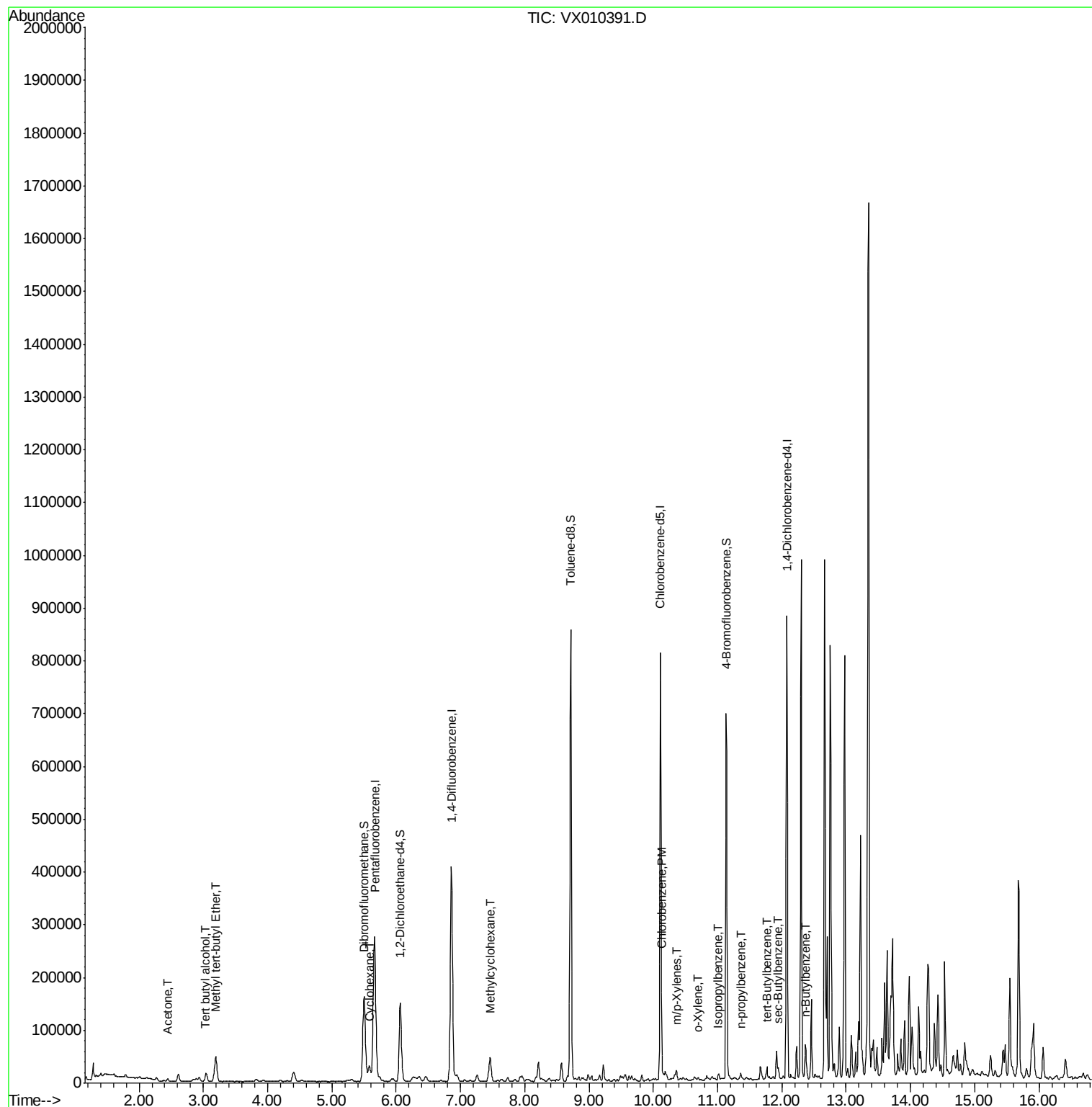
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010391.D
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Sample : K3469-20
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ALS Vial : 19 Sample Multiplier: 1

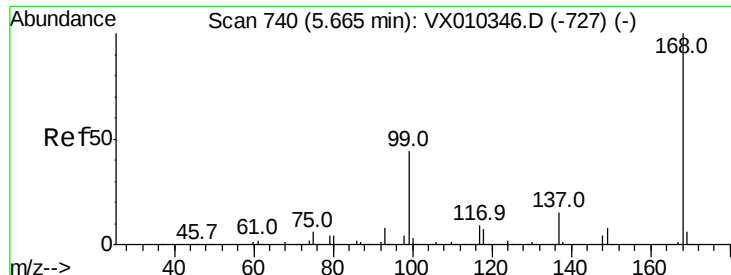
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

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6/24/2019 11:23:32 AM

Quant Time: Jun 22 00:52:16 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: VX010391.D

Acq: 21 Jun 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-062019

Tot Ion:168 Resp: 294361

Ion Ratio Lower Upper

168 100

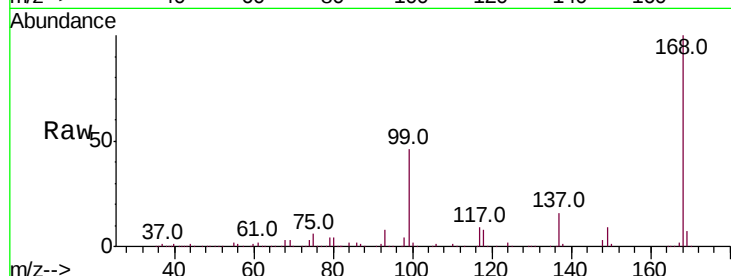
99 46.5 35.5 53.3

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

120000

100000

80000

60000

40000

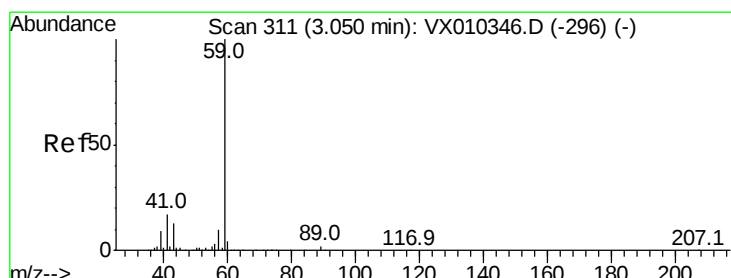
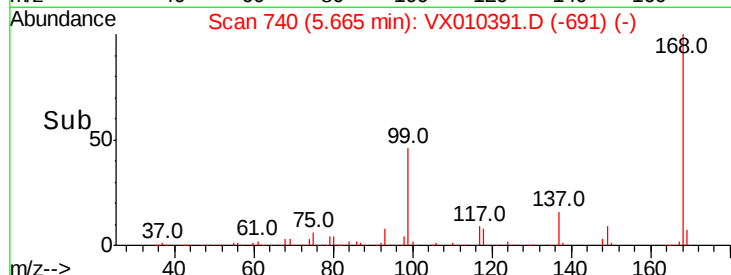
20000

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Time-->

5.50 5.60 5.70 5.80

5.67



#11

Tert butyl alcohol

Concen: 27.961 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010391.D

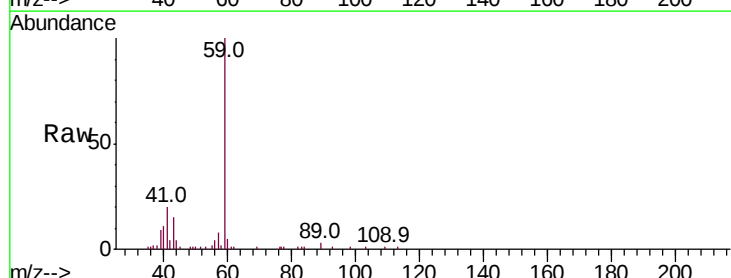
Acq: 21 Jun 2019 17:45

Tgt Ion: 59 Resp: 20193

Ion Ratio Lower Upper

59 100

57 11.0 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

10000

8000

6000

4000

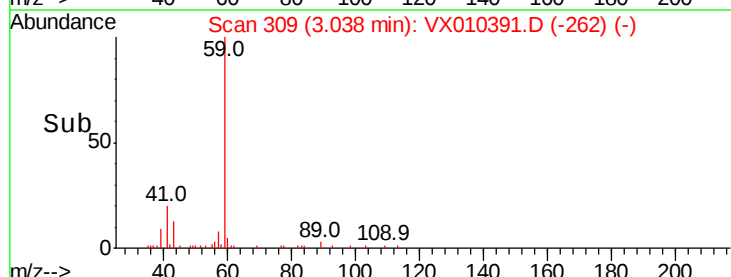
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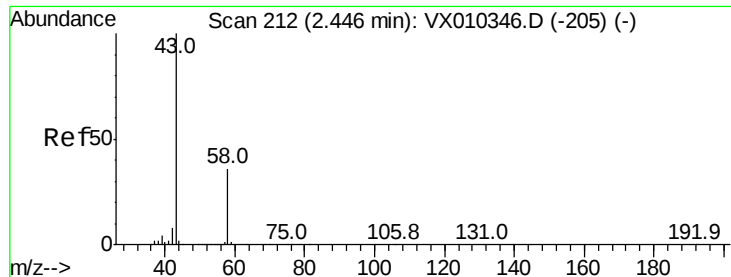
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Time-->

2.90 3.00 3.10

3.04





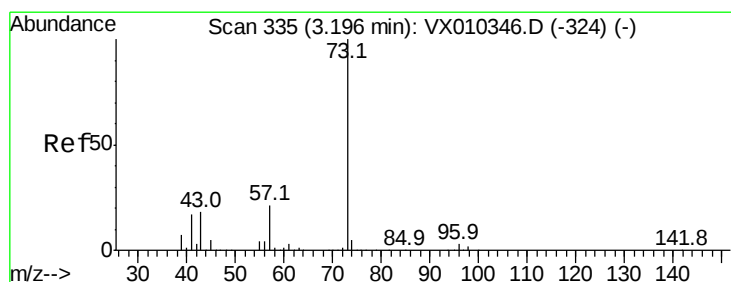
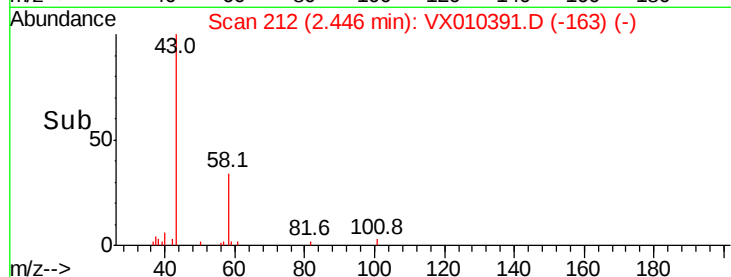
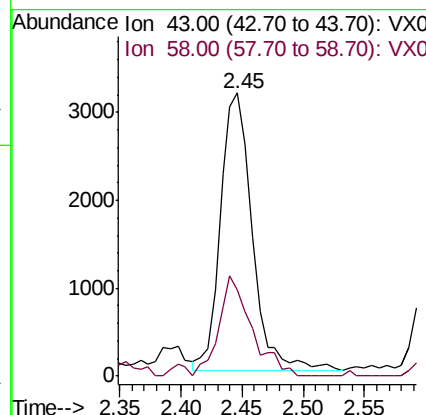
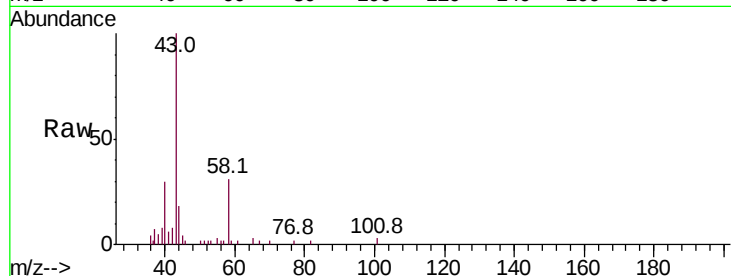
#16
Acetone
Concen: 4.122 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.2	28.9	43.3

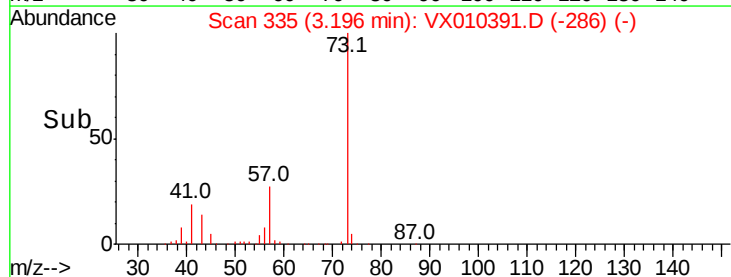
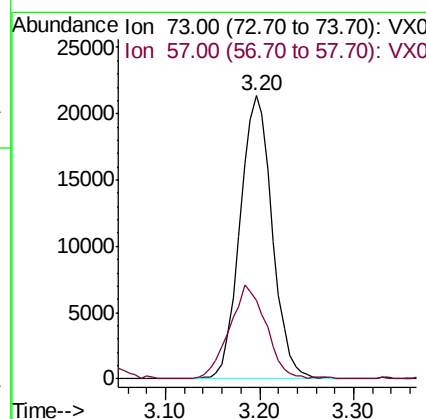
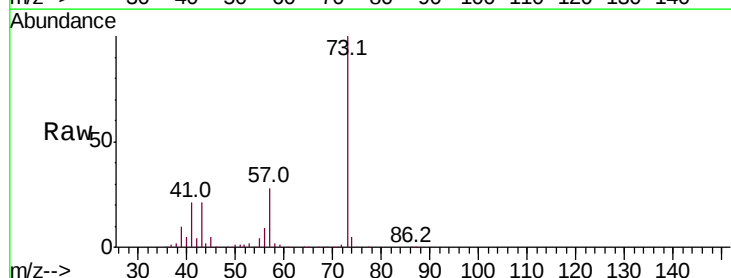
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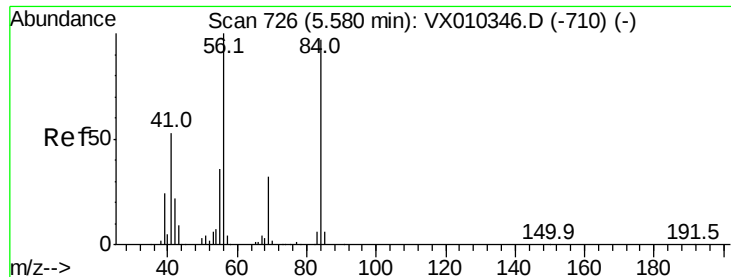
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#19
Methyl tert-butyl Ether
Concen: 6.352 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion	Ratio	Lower	Upper
73	100		
57	27.4	16.4	24.6





#31

Cyclohexane

Concen: 5.055 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010391.D

Acq: 21 Jun 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

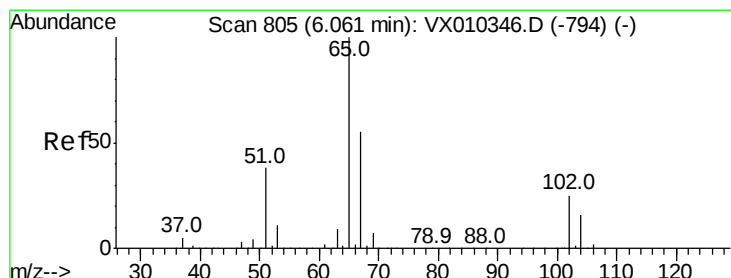
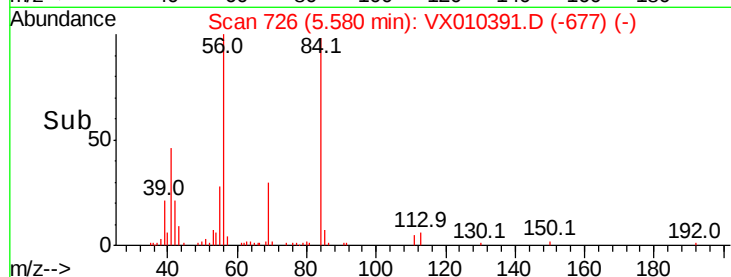
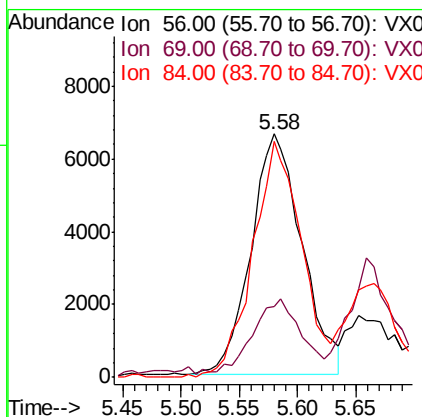
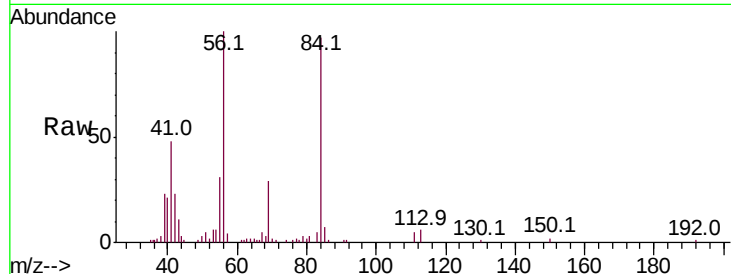
T11-MW-1-8.0-062019

Tot Ion: 56 Resp: 20154

Ion	Ratio	Lower	Upper
56	100		
69	25.0	25.9	38.9#
84	96.9	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 6.06 min Scan# 805

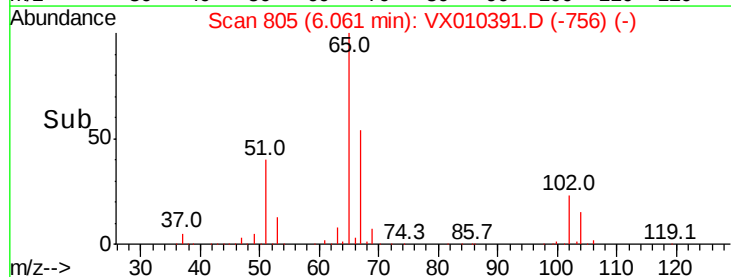
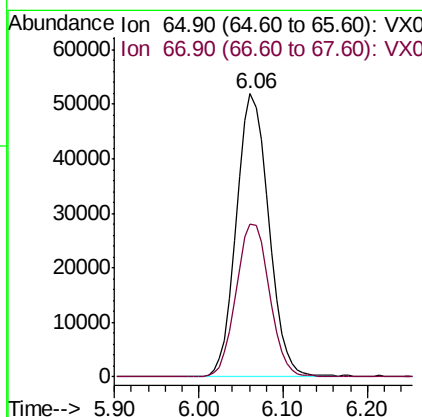
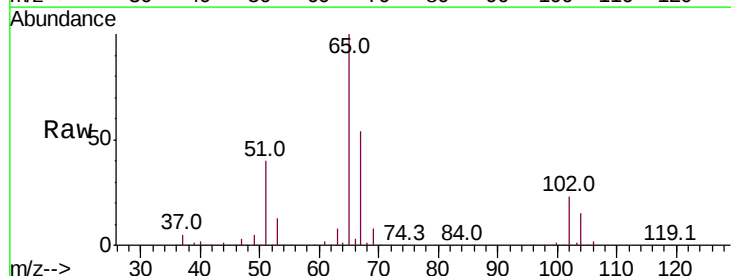
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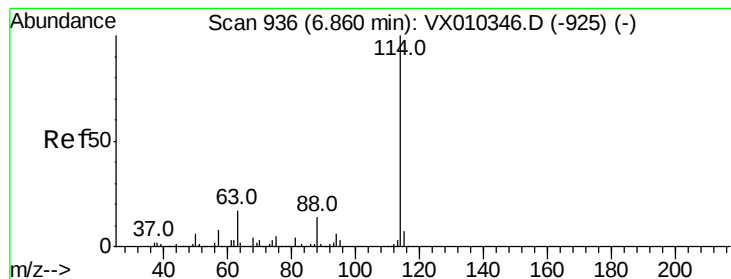
Lab File: VX010391.D

Acq: 21 Jun 2019 17:45

Tgt Ion: 65 Resp: 135215

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.2





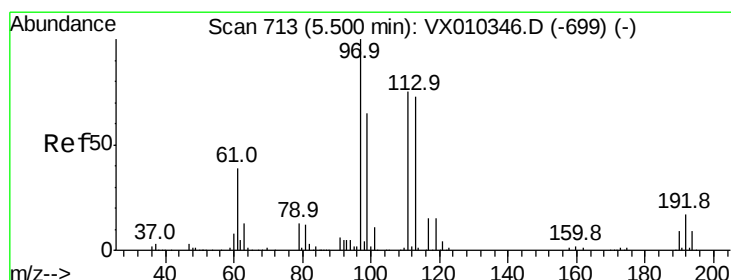
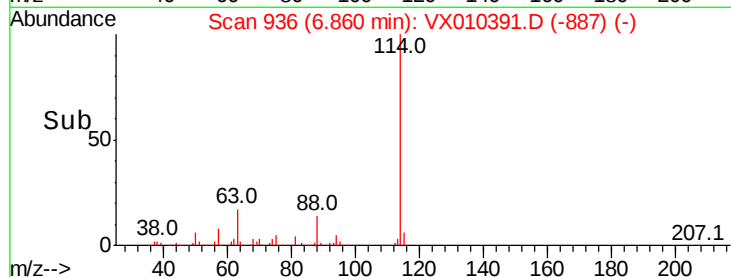
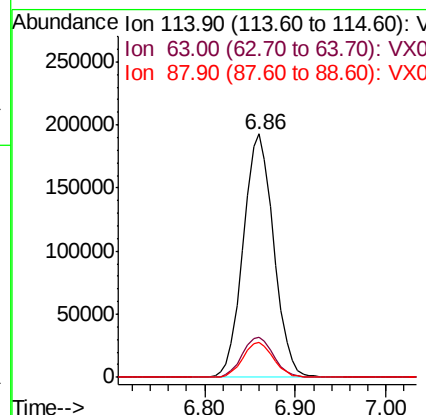
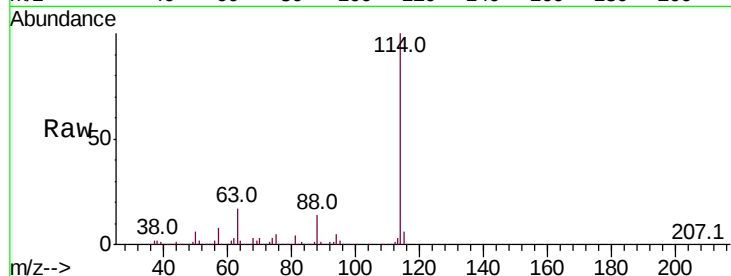
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010391.D
 Acq: 21 Jun 2019 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-1-8.0-062019

Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.6	0.0	33.8	
88	14.3	0.0	27.6	

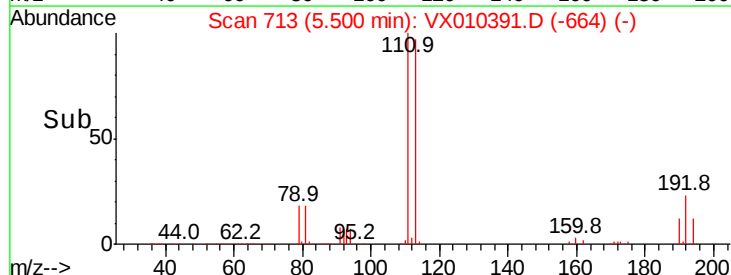
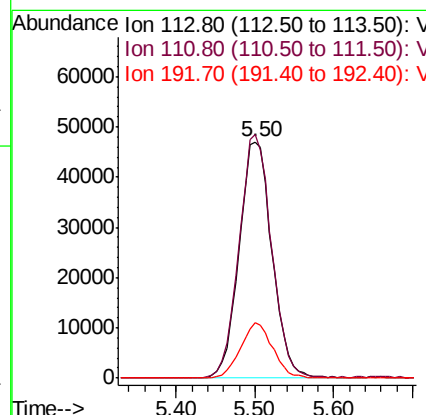
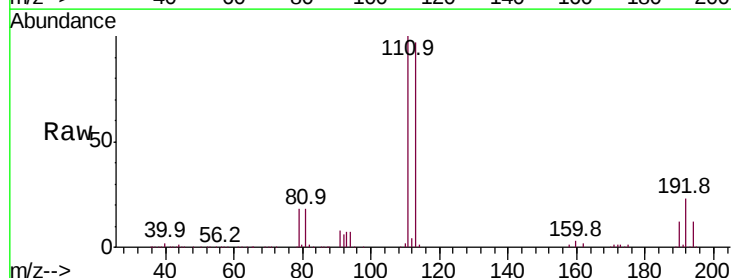
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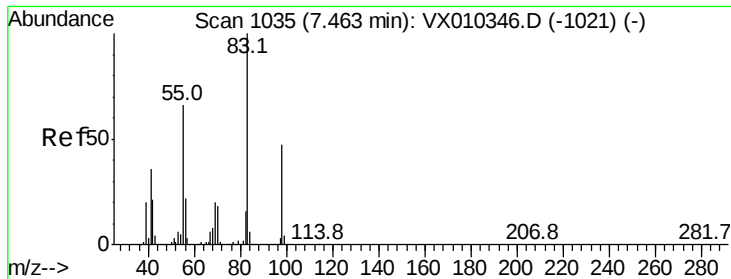
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#35
 Dibromofluoromethane
 Concen: 49.849 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010391.D
 Acq: 21 Jun 2019 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	81.2	121.8	
192	22.8	18.6	27.8	





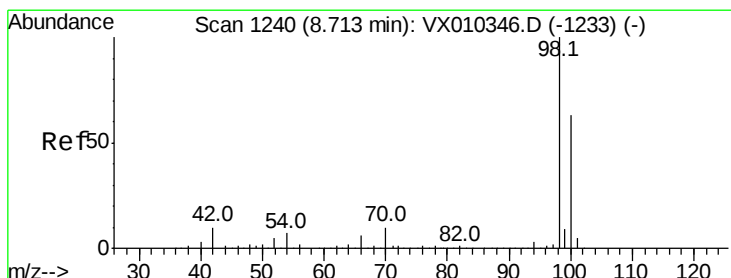
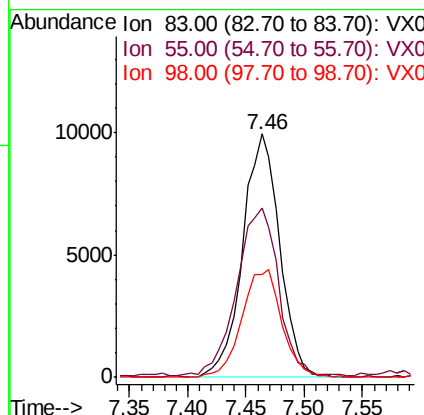
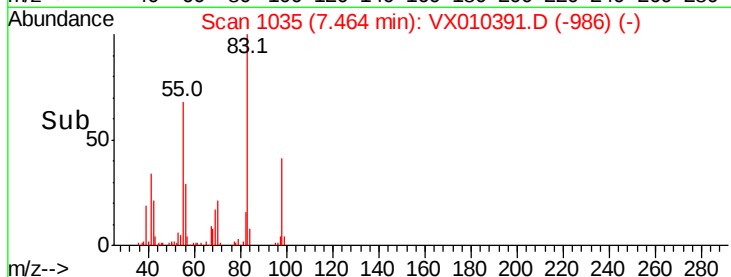
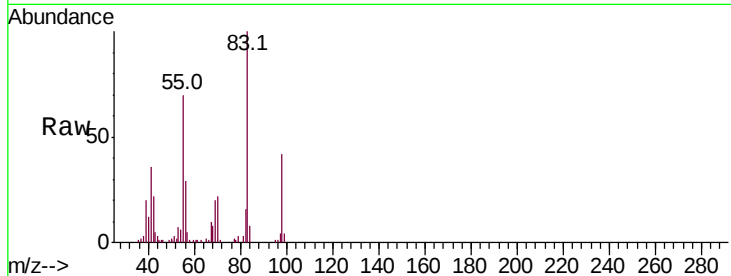
#39
Methvlcvclohexane
Concen: 4.702 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	68.5	53.0	79.6	
98	41.6	37.8	56.8	

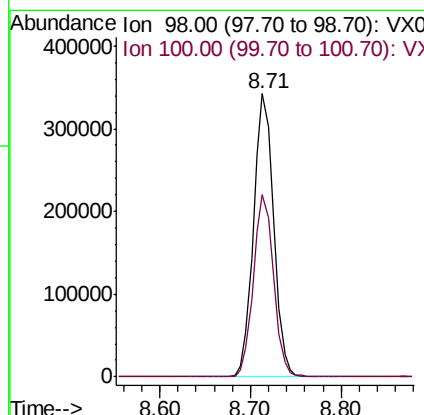
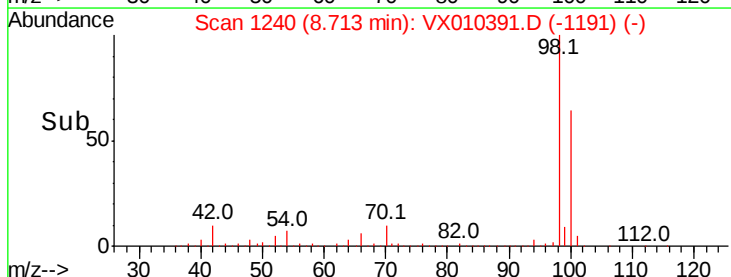
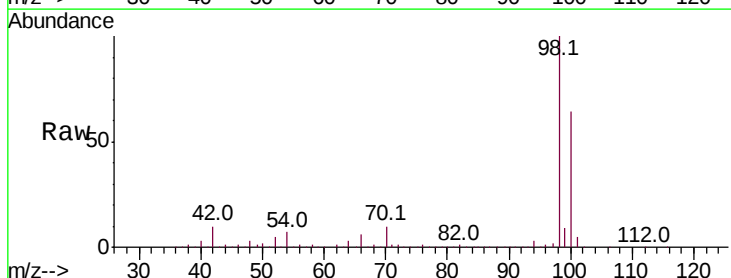
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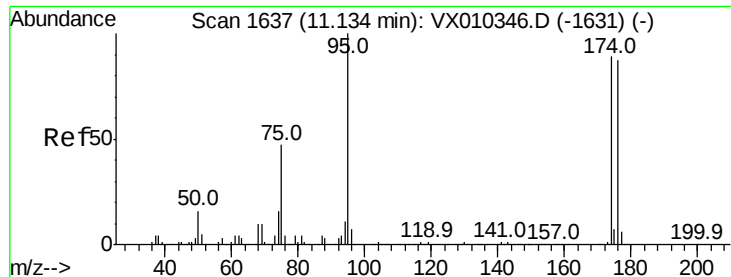
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#50
Toluene-d8
Concen: 50.278 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.2	51.6	77.4	





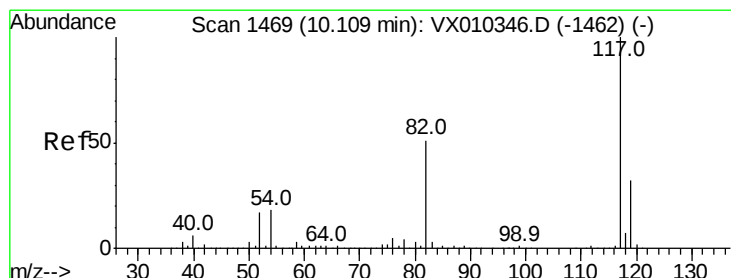
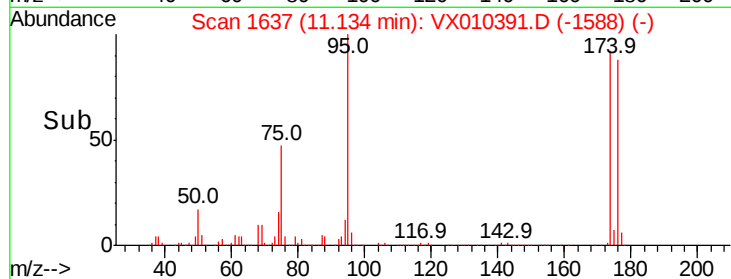
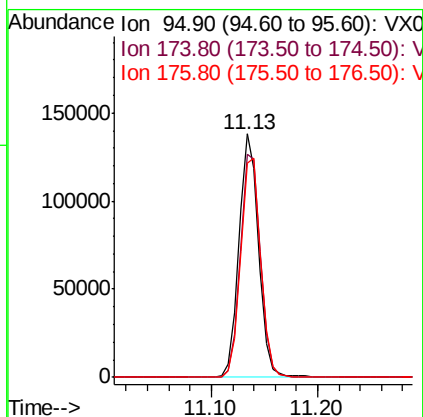
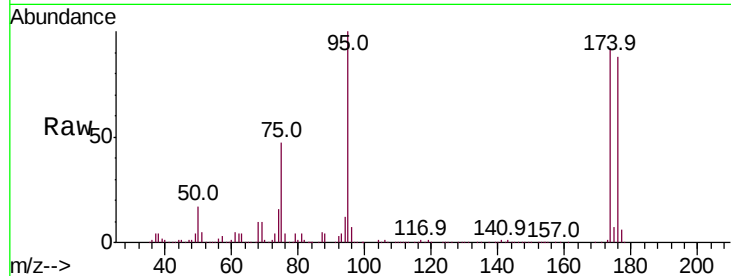
#62
4-Bromofluorobenzene
Concen: 46.892 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion	Ratio	Resp	Lower	Upper
95	100	177632		
174	95.0	0.0	187.6	
176	92.8	0.0	184.0	

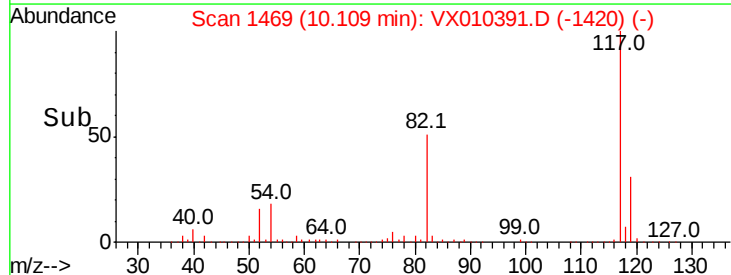
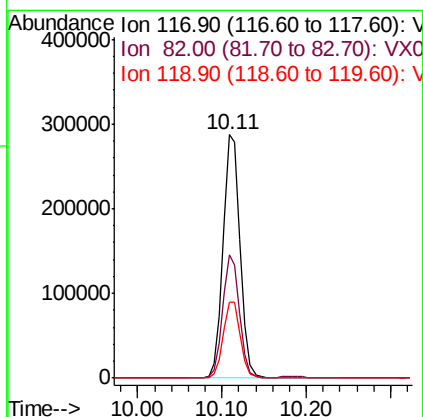
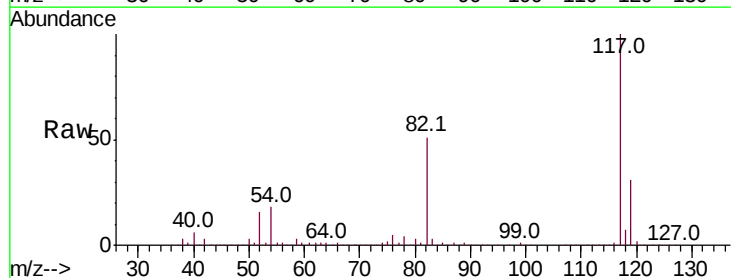
Manual Integrations
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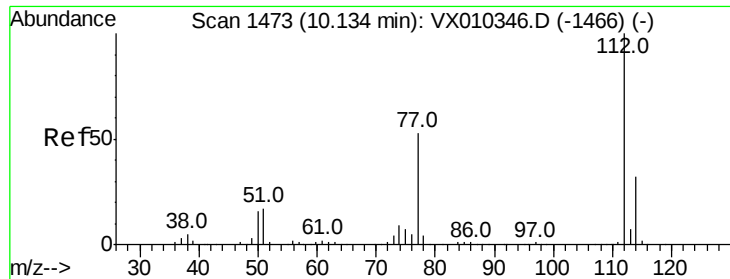
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	402481		
82	50.7	41.2	61.8	
119	31.3	25.5	38.3	





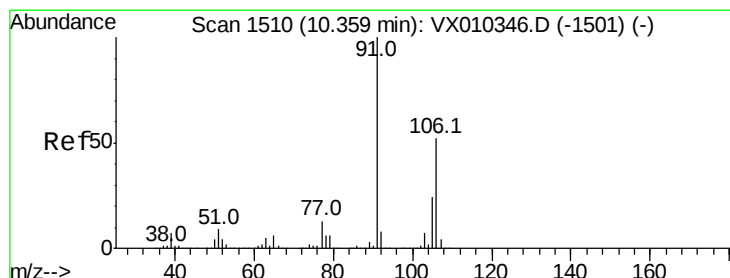
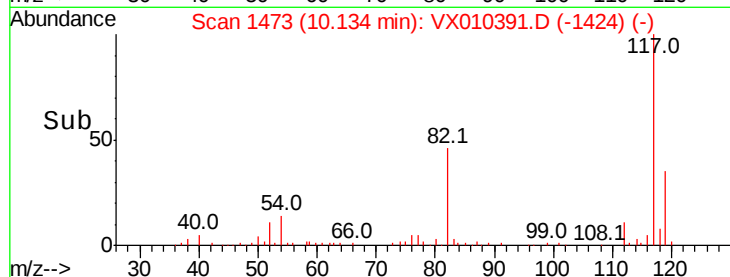
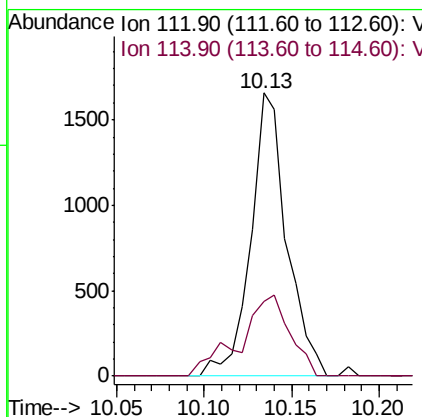
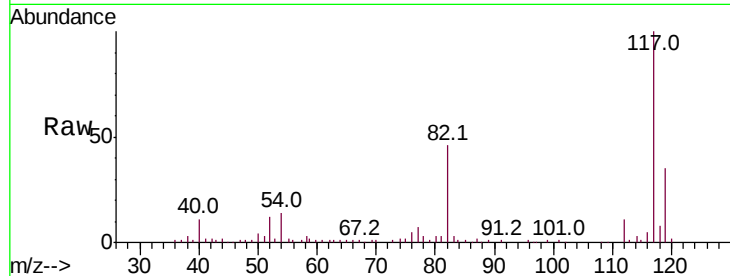
#65
Chlorobenzene
Concen: 0.291 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion:112 Resp: 2375
Ion Ratio Lower Upper
112 100
114 26.3 25.4 38.2

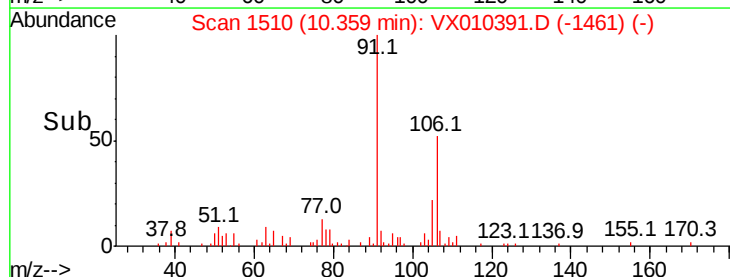
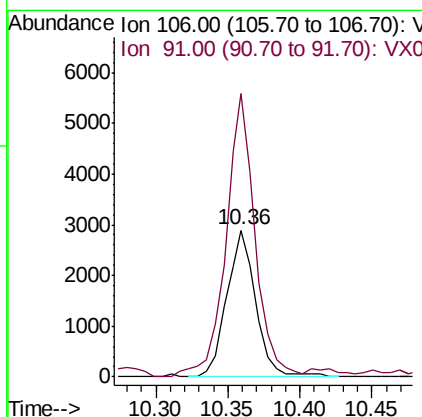
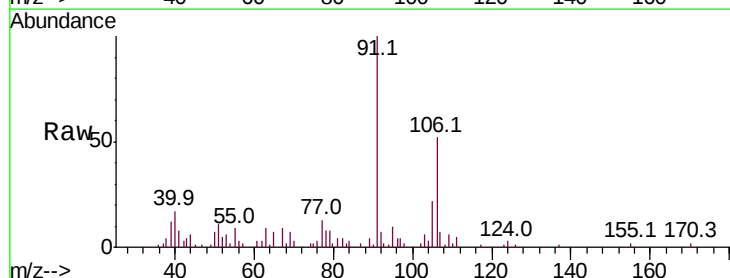
Manual Integrations
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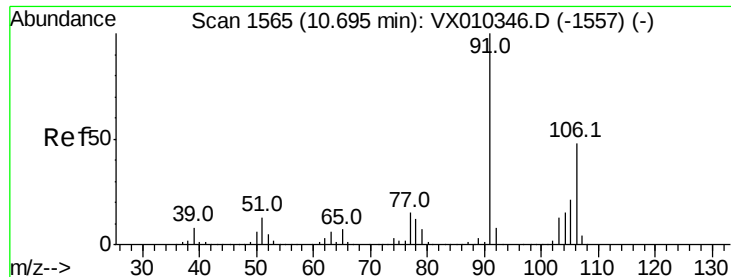
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6/24/2019 11:23:32 AM



#68
m/p-Xylenes
Concen: 0.762 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion:106 Resp: 4074
Ion Ratio Lower Upper
106 100
91 193.6 155.3 232.9





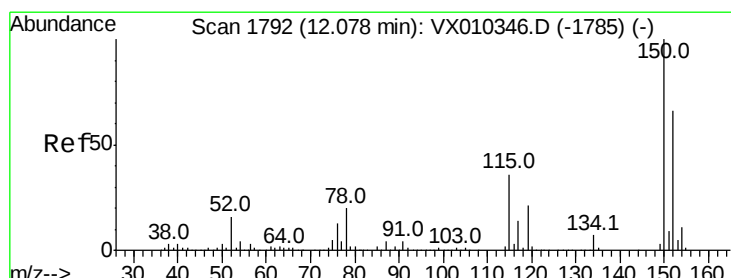
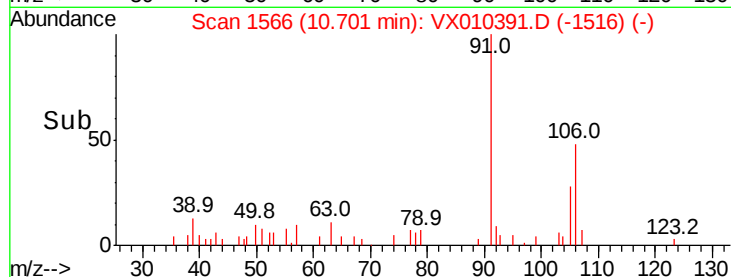
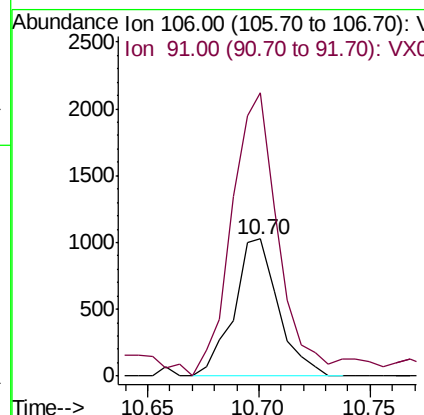
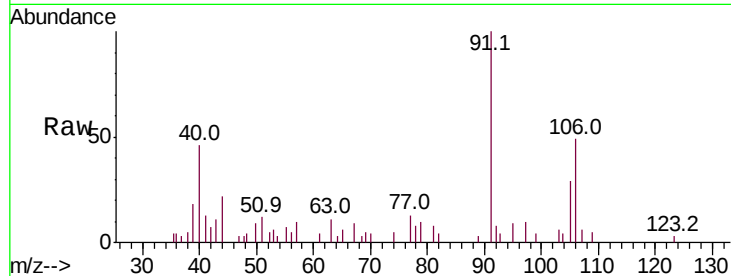
#69
o-Xylene
Concen: 0.271 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion:106 Resp: 1426
Ion Ratio Lower Upper
106 100
91 225.4 102.7 308.1

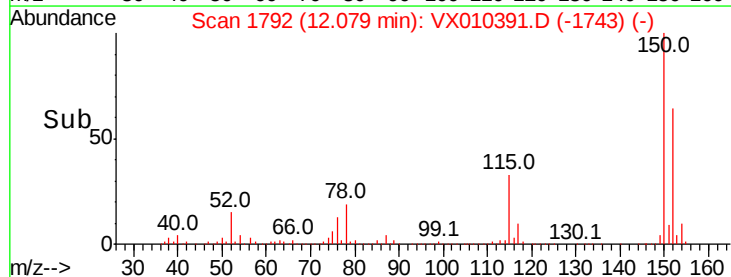
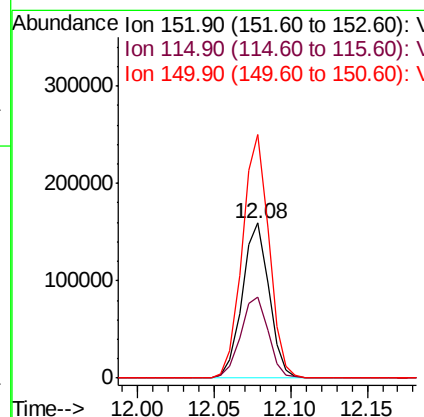
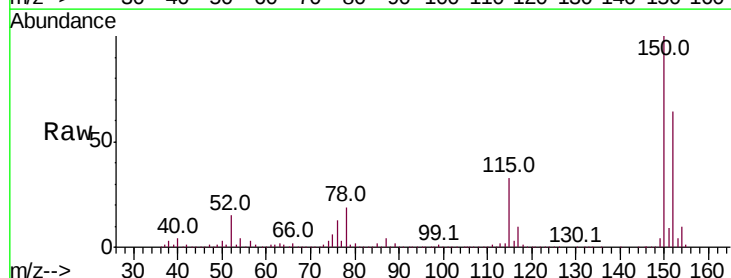
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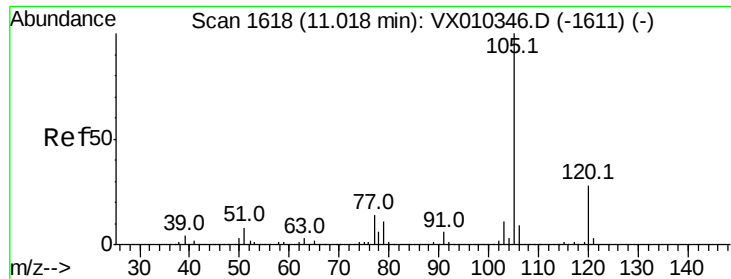
MMDadoda
6/24/2019 11:23:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion:152 Resp: 192754
Ion Ratio Lower Upper
152 100
115 53.9 38.6 115.7
150 156.7 0.0 347.4





#73

Isopropylbenzene

Concen: 0.443 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010391.D

Acq: 21 Jun 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-062019

Tot Ion:105 Resp: 5789

Ion Ratio Lower Upper

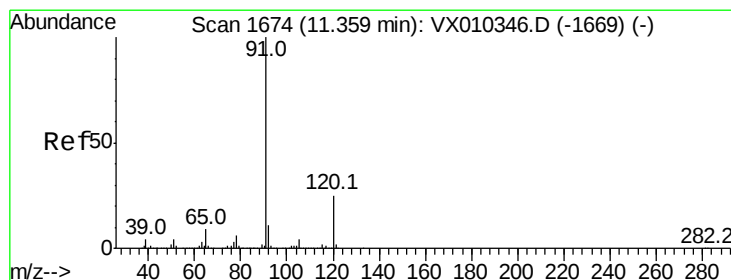
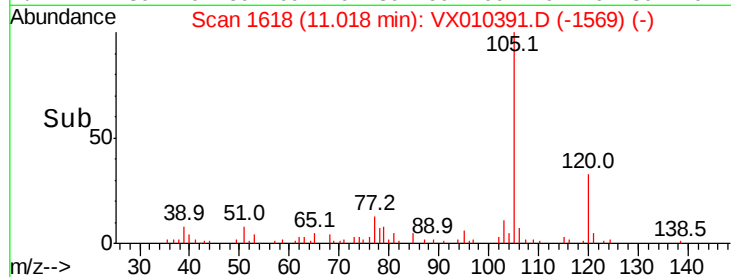
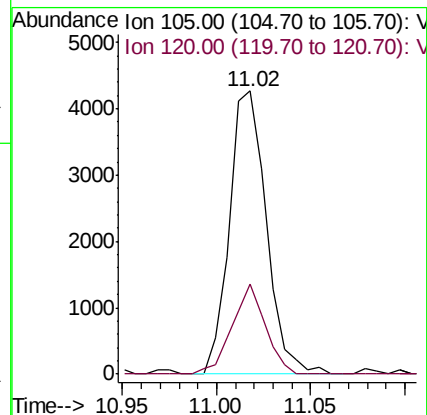
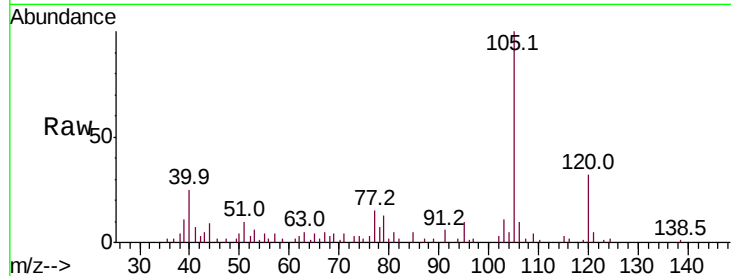
105 100

120 28.7 14.1 42.4

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#78

n-propylbenzene

Concen: 0.454 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010391.D

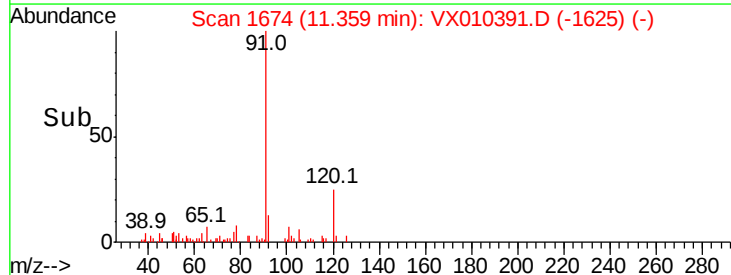
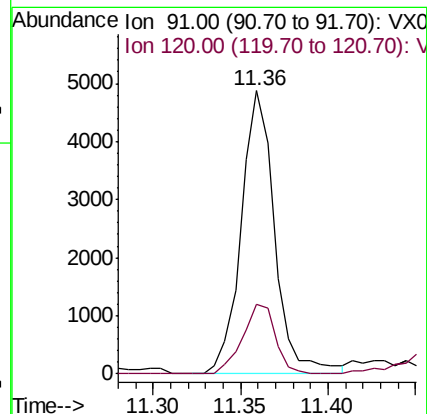
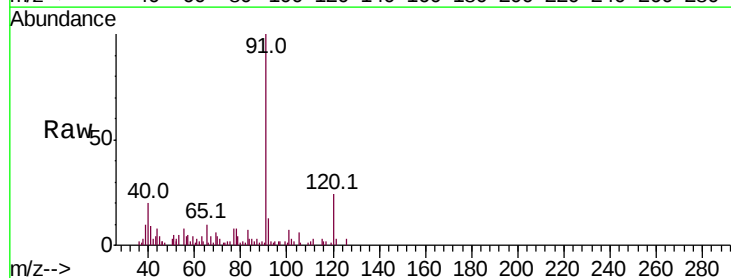
Acq: 21 Jun 2019 17:45

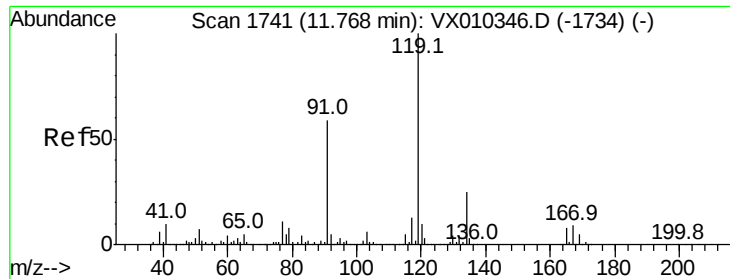
Tgt Ion: 91 Resp: 6514

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.4





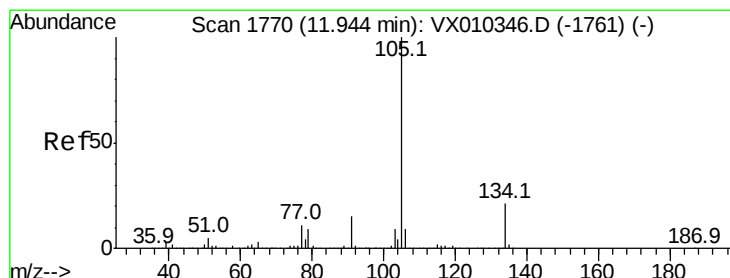
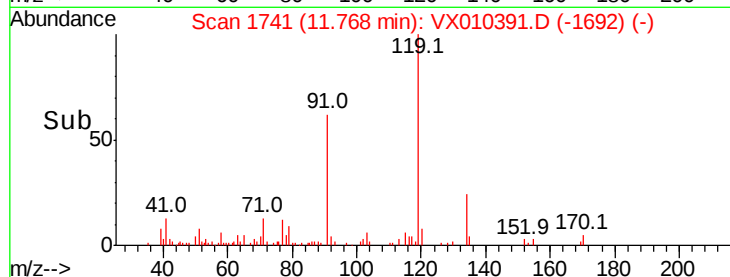
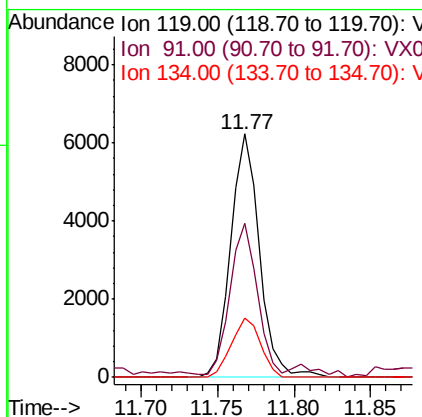
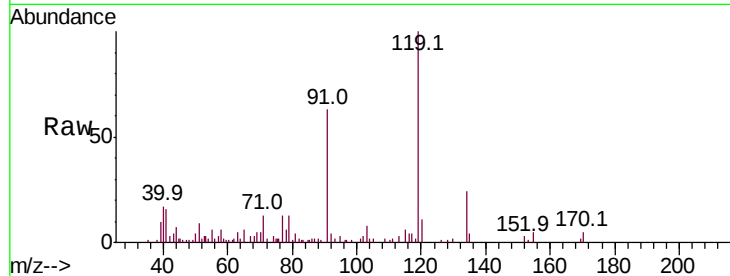
#83
tert-Butylbenzene
Concen: 0.751 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-062019

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	27.6	82.7
134	24.5	11.8	35.4

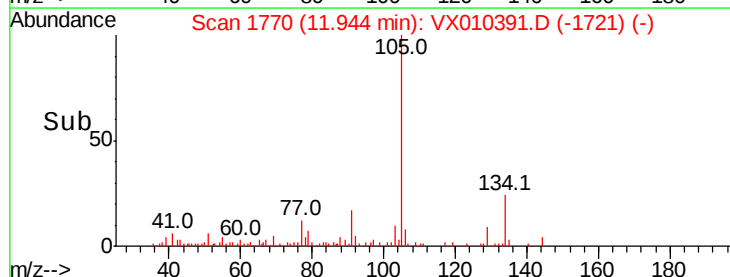
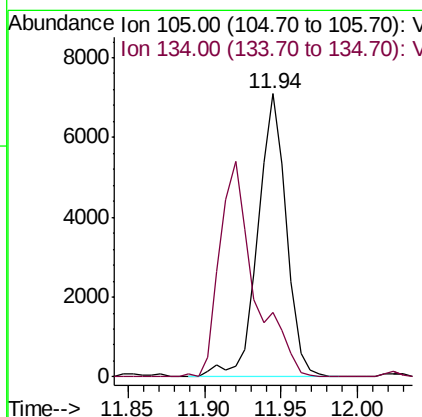
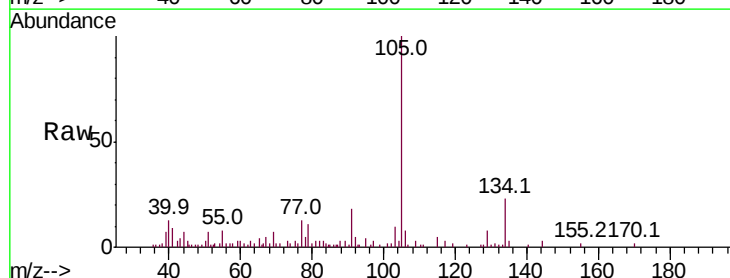
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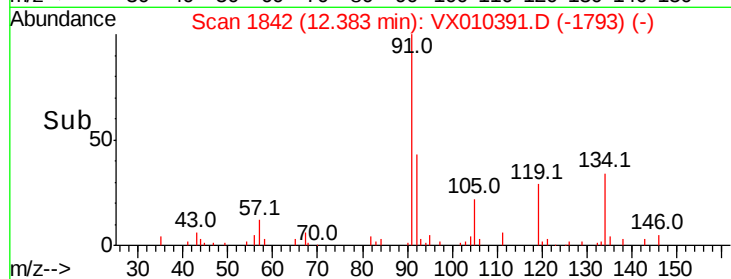
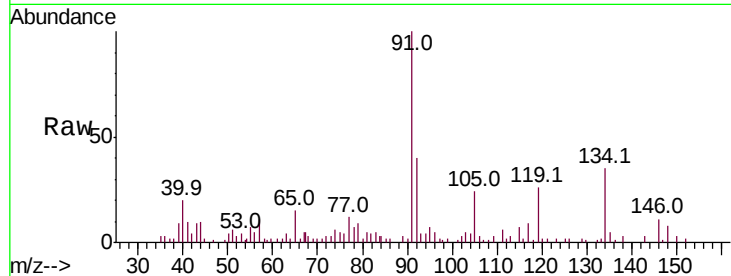
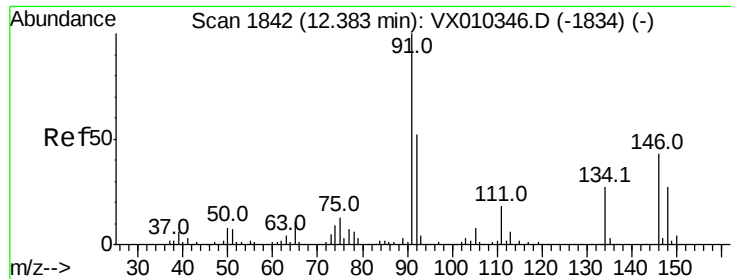
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#85
sec-Butylbenzene
Concen: 0.725 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010391.D
Acq: 21 Jun 2019 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#





#89

n-Butylbenzene

Concen: 0.482 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010391.D

Acq: 21 Jun 2019 17:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
4808	91	100			
	92	71.2		26.2	78.5
	134	0.0		14.1	42.4

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-062019

Manual Integrations
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6/24/2019 11:23:32 AM

