

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010841.D
 Acq On : 12 Jul 2019 17:13
 Operator : JC/SP
 Sample : K3786-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:00:48 AM

Quant Time: Jul 13 04:16:31 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	215103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107681	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.50	113	101243	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	404651	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.13	95	136550	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

					Qvalue
16) Acetone	2.43	43	2589m	2.561	ug/l
31) Cyclohexane	5.58	56	174953	60.056	ug/l
39) Methylcyclohexane	7.46	83	160626	46.577	ug/l
67) Ethyl Benzene	10.25	91	33453	3.179	ug/l
68) m/p-Xylenes	10.36	106	26332	6.457	ug/l
69) o-Xylene	10.70	106	1780	0.444	ug/l
73) Isopropylbenzene	11.02	105	6040	0.608	ug/l
78) n-propylbenzene	11.36	91	10518	0.964	ug/l
80) 1,3,5-Trimethylbenzene	11.51	105	36759	4.490	ug/l
84) 1,2,4-Trimethylbenzene	11.80	105	79111	9.618	ug/l
85) sec-Butylbenzene	11.94	105	5205	0.540	ug/l
86) p-Isopropyltoluene	12.06	119	15511	1.738	ug/l

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

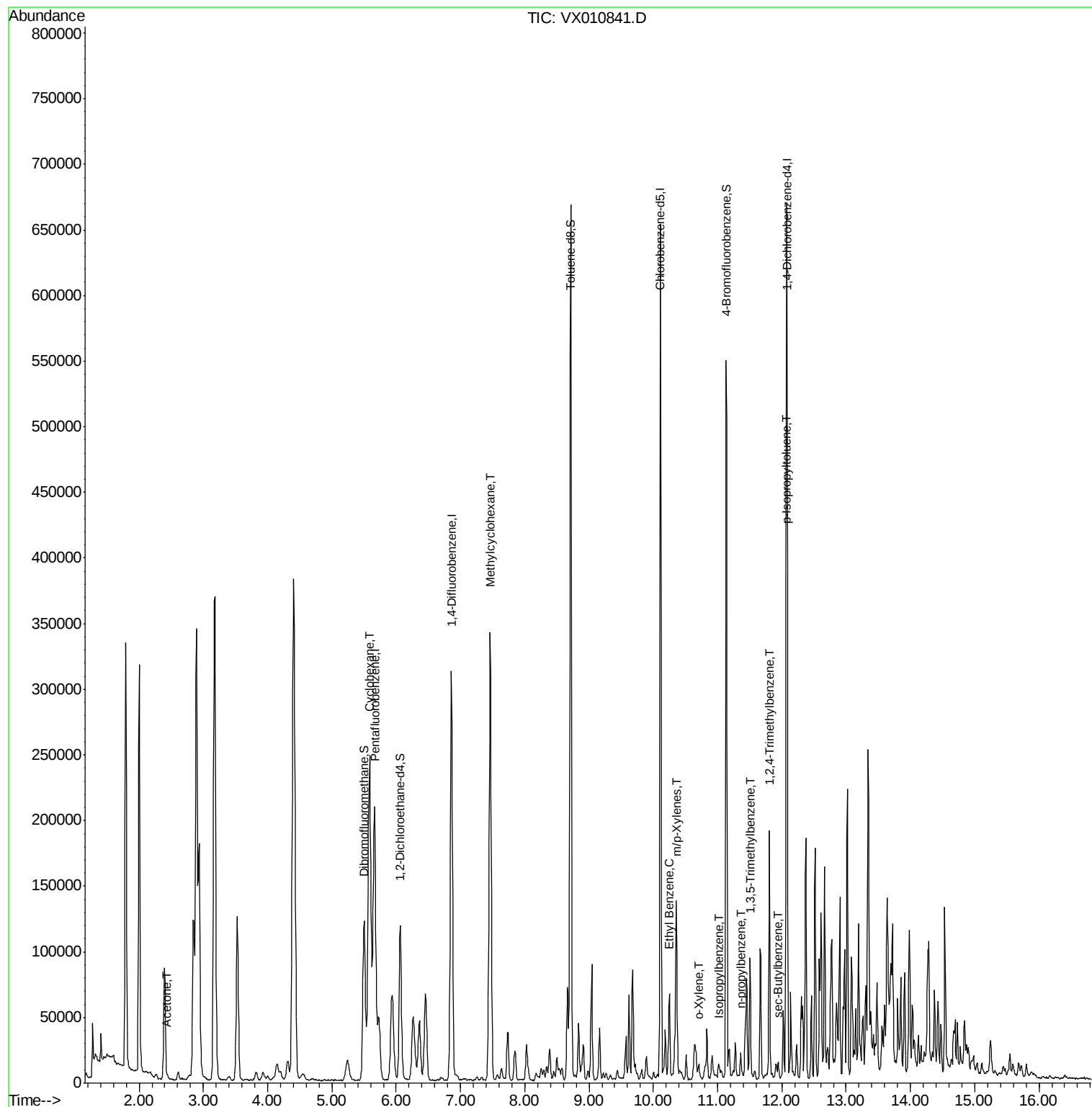
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010841.D
Acq On : 12 Jul 2019 17:13
Operator : JC/SP
Sample : K3786-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

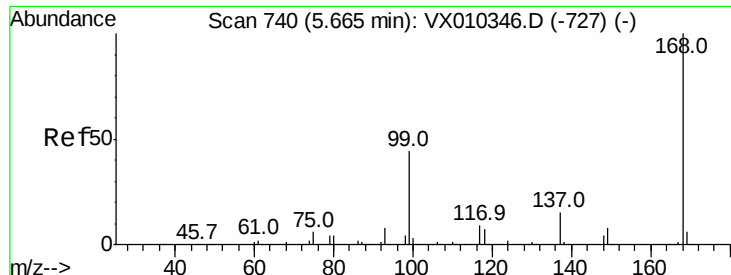
Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Manual Integrations
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Quant Time: Jul 13 04:16:31 2019
Quant Method : Z:\V0ASRV\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: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

FL-0584

Tot Ion:168 Resp: 215103

Ion Ratio Lower Upper

168 100

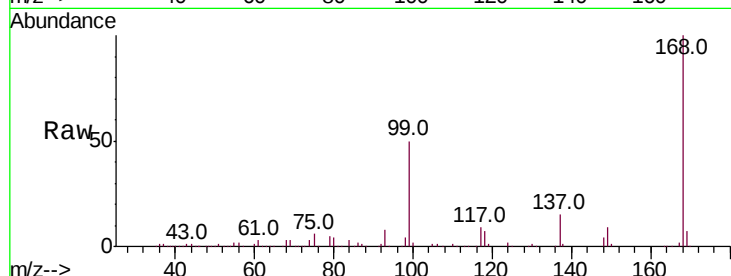
99 49.7 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

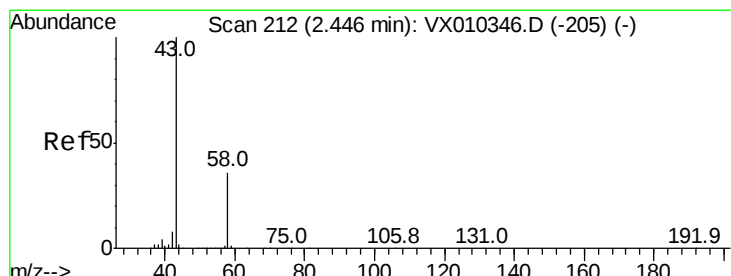
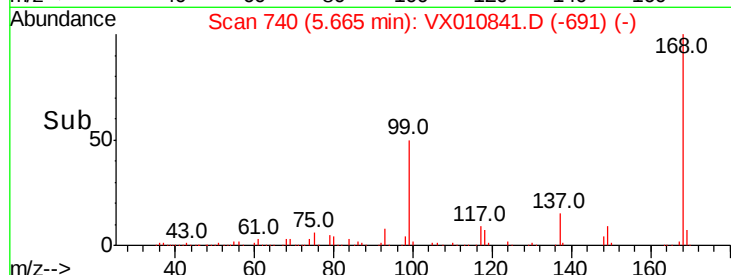
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.561 ug/l m

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX010841.D

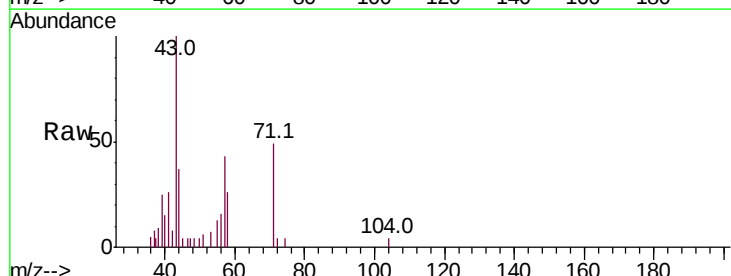
Acq: 12 Jul 2019 17:13

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

43 100

58 26.3 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

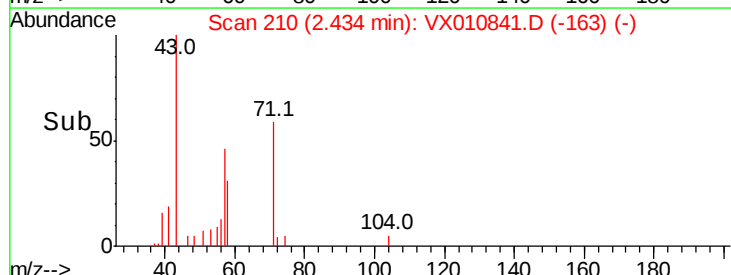
15000

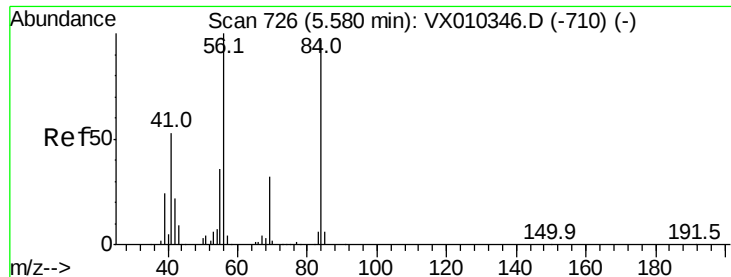
10000

5000

0

Time--> 2.40 2.45 2.50





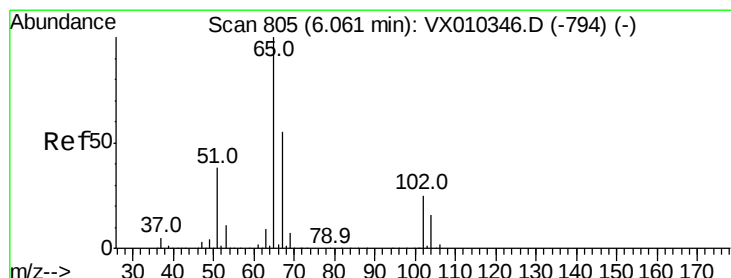
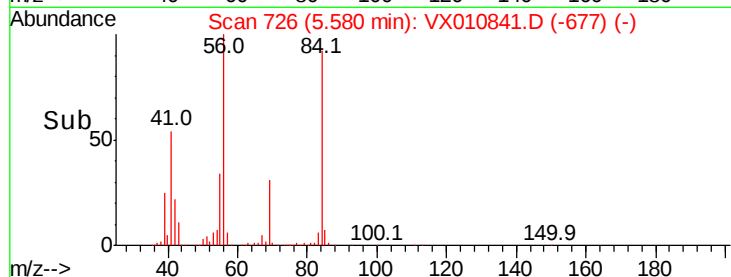
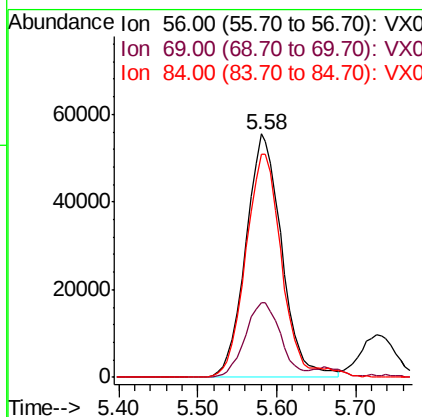
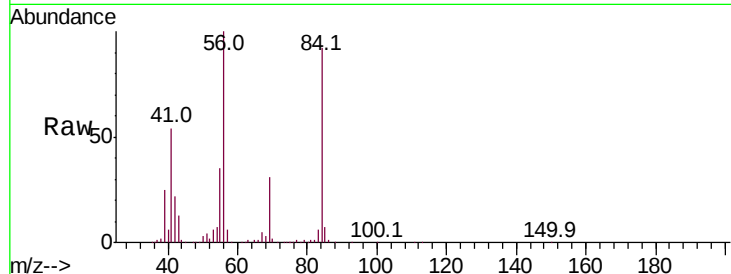
#31
Cyclohexane
Concen: 60.056 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.9	38.9
84	92.0	78.0	117.0

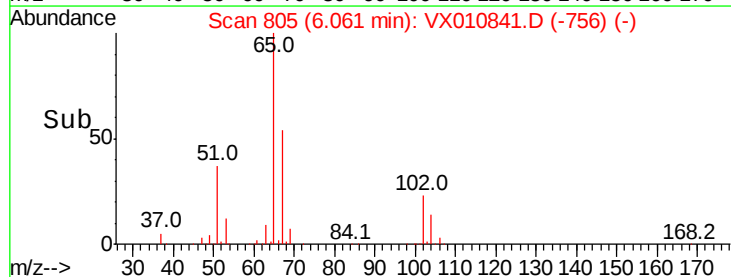
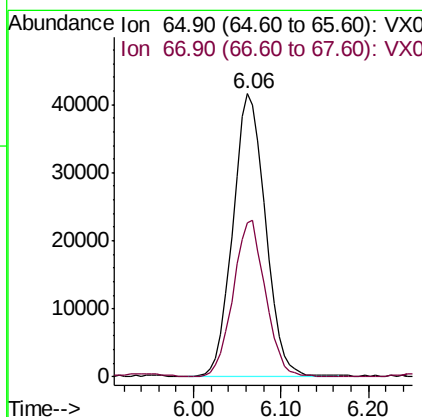
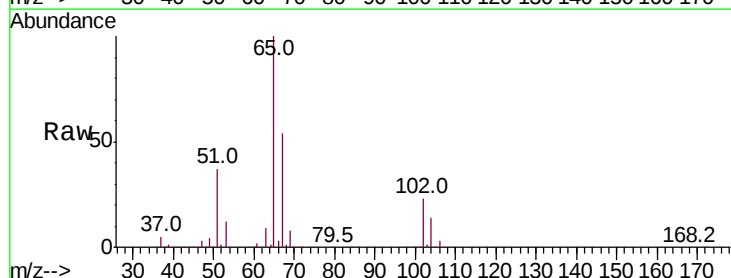
Manual Integrations
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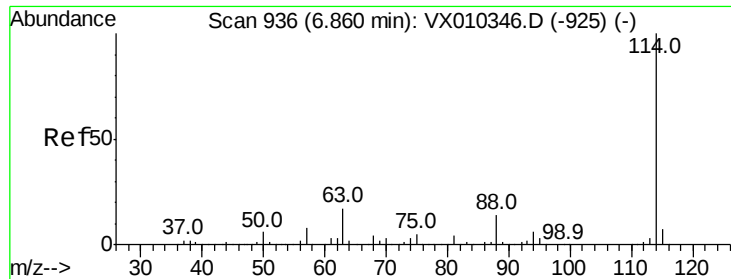
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#33
1,2-Dichloroethane-d4
Concen: 53.392 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2





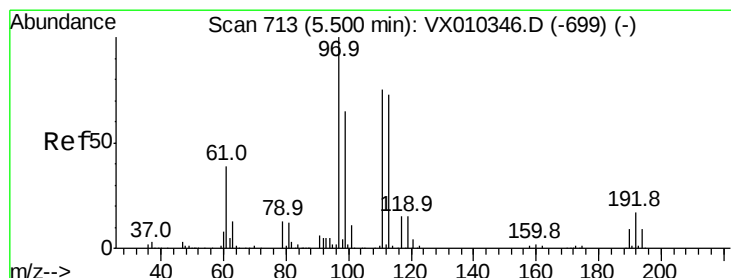
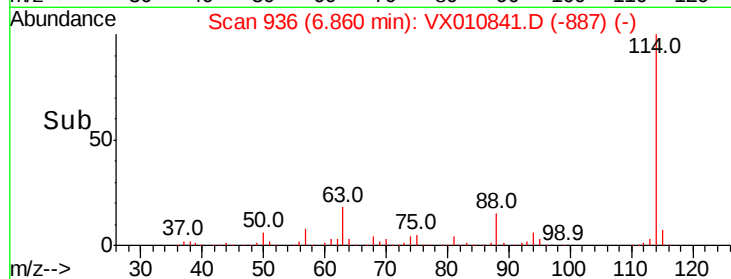
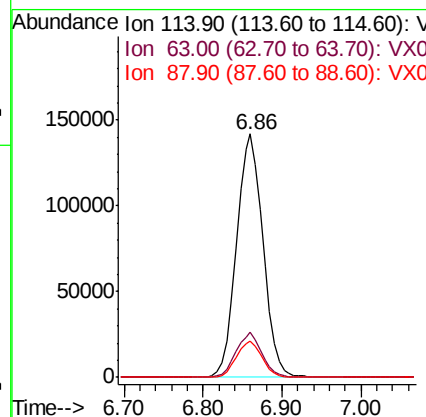
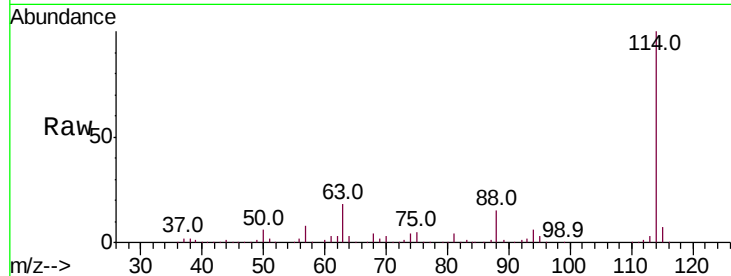
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0584

Tot Ion	Ratio	Resp	Lower	Upper
114	100	330149		
63	18.3	0.0	33.8	
88	14.9	0.0	27.6	

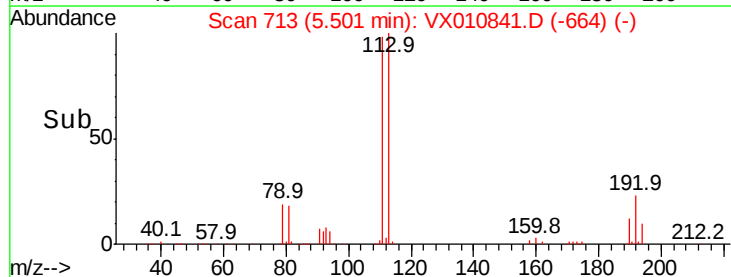
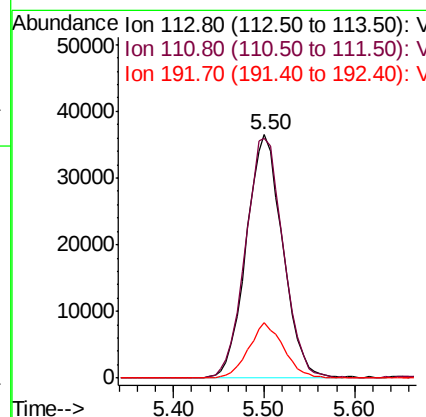
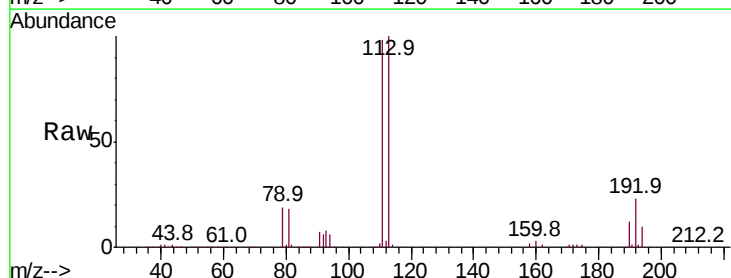
Manual Integrations
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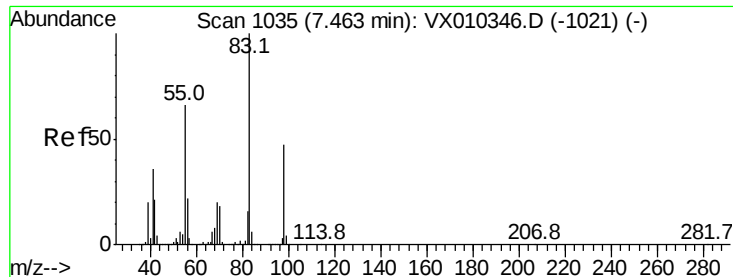
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 7/15/2019 11:00:48 AM



#35
 Dibromofluoromethane
 Concen: 50.121 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	101243		
111	102.4	81.2	121.8	
192	21.8	18.6	27.8	





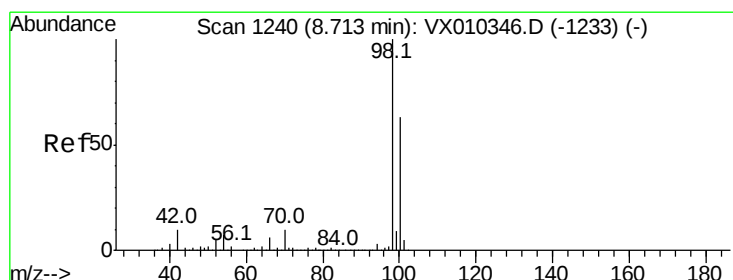
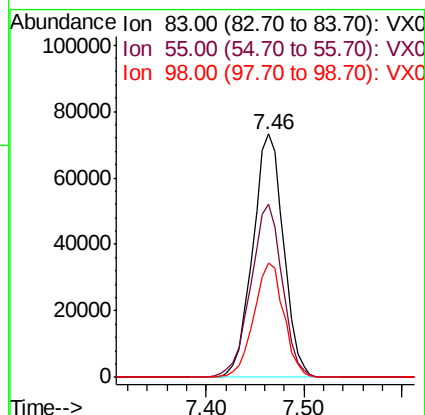
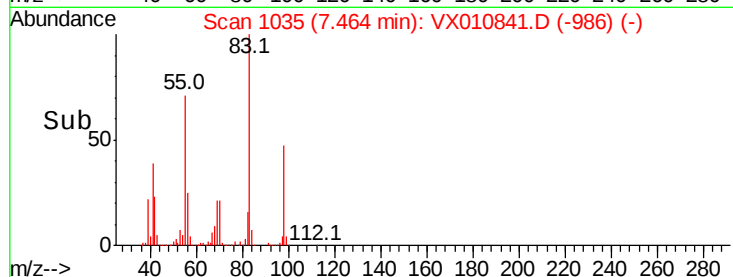
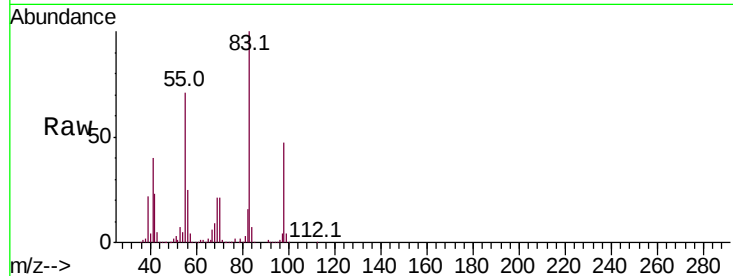
#39
Methylcyclohexane
Concen: 46.577 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160626		
55	71.0	53.0	79.6	
98	47.0	37.8	56.8	

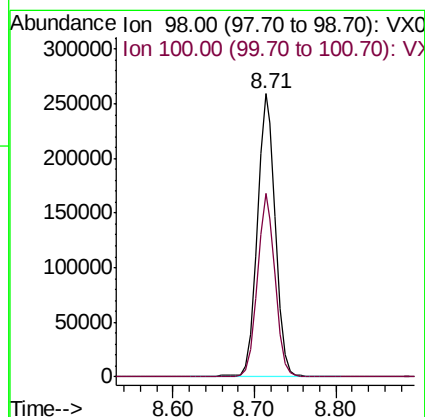
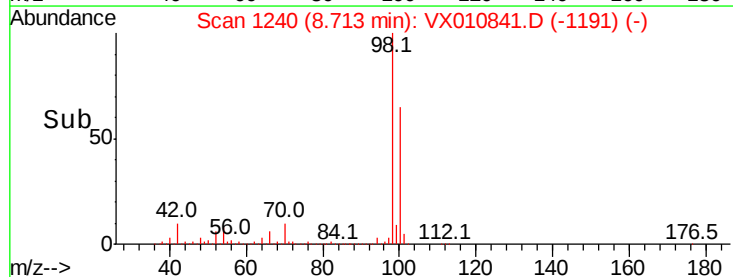
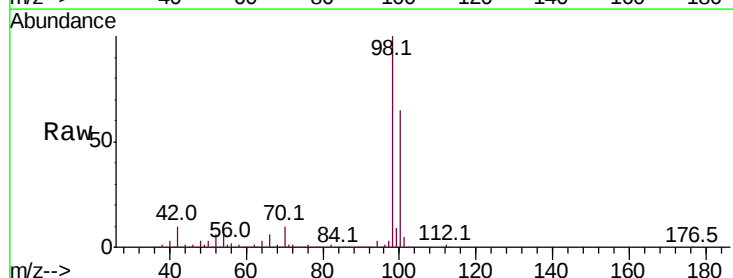
Manual Integrations
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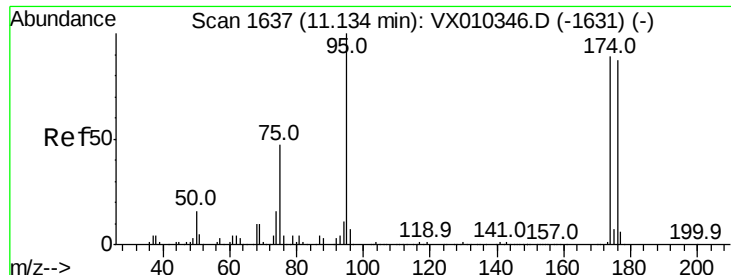
MMDadoda
7/15/2019 11:00:48 AM



#50
Toluene-d8
Concen: 52.362 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	404651		
100	63.3	51.6	77.4	





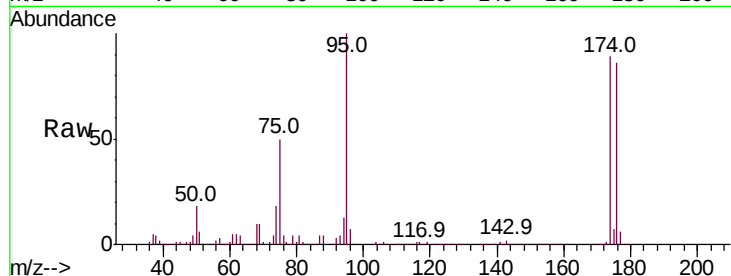
#62
4-Bromofluorobenzene
Concen: 48.942 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampled :
FL-0584

Tot Ion	Ratio	Resp	Lower	Upper
95	100	136550		
174	93.8	0.0	187.6	
176	91.0	0.0	184.0	

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7/15/2019 11:00:48 AM

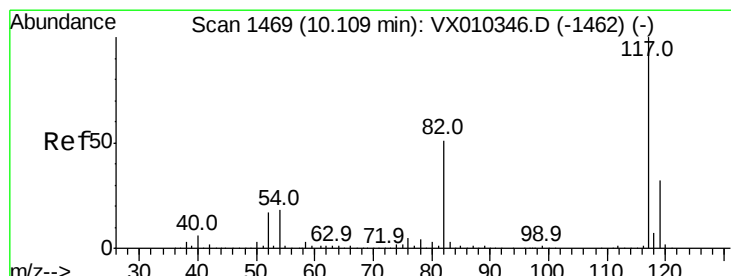
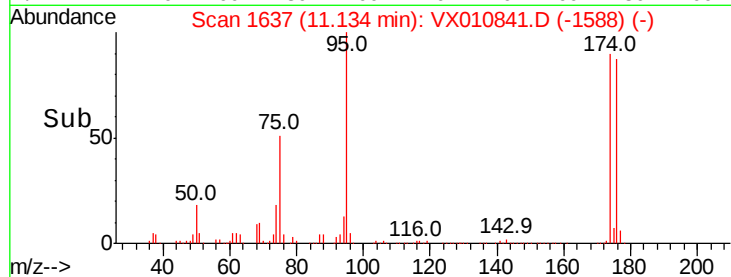
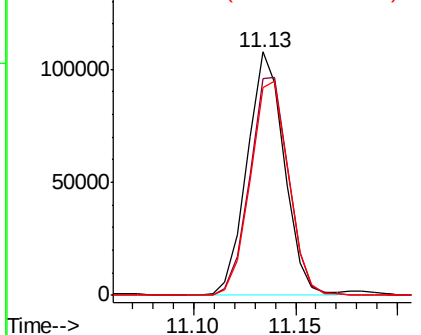


Abundance

Ion 94.90 (94.60 to 95.60): VX010841.D (-1588) (-)

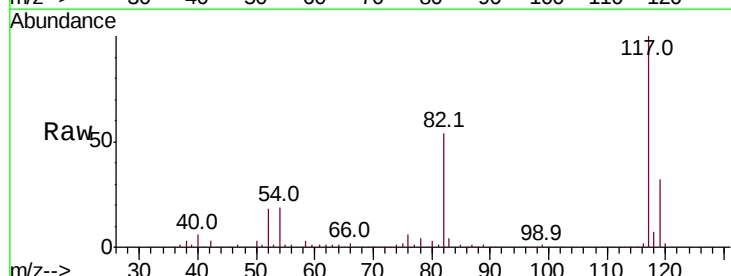
Ion 173.80 (173.50 to 174.50): VX010841.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010841.D (-1588) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	307076		
82	53.5	41.2	61.8	
119	31.9	25.5	38.3	

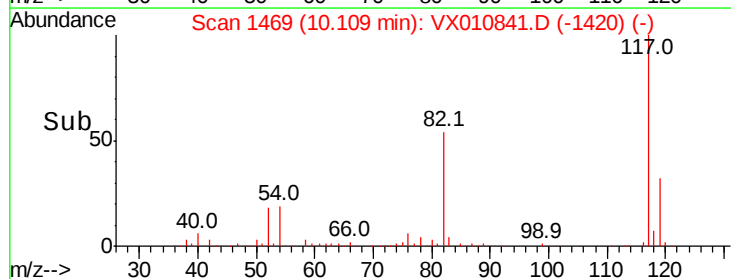
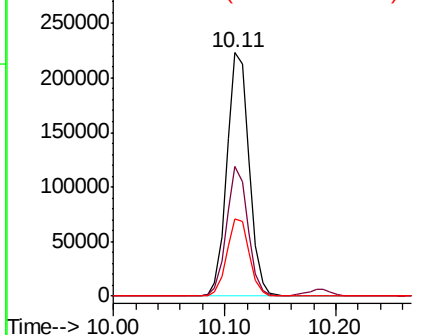


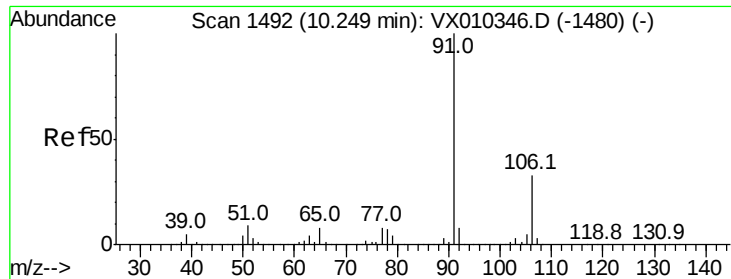
Abundance

Ion 116.90 (116.60 to 117.60): VX010841.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010841.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010841.D (-1420) (-)





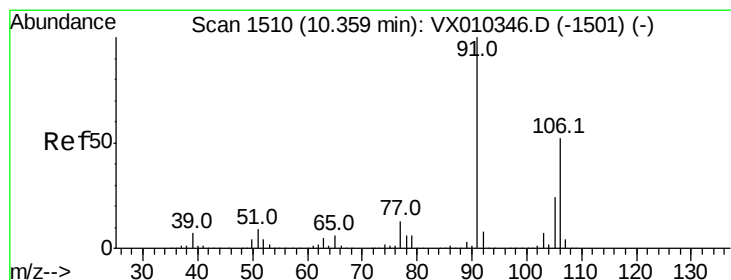
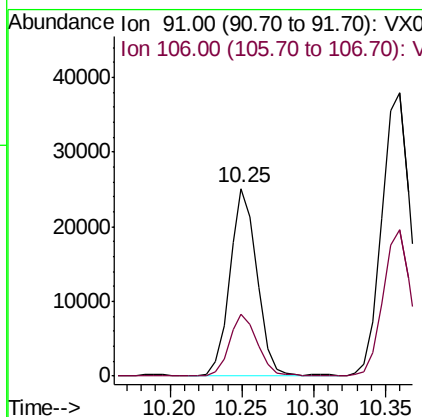
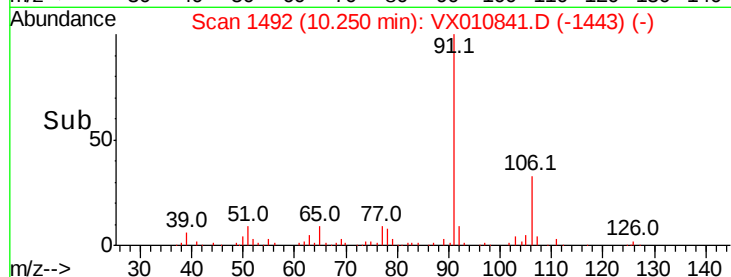
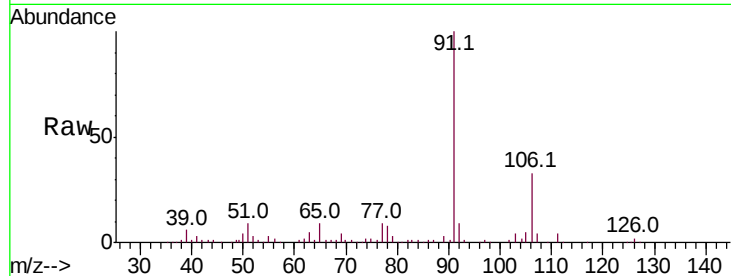
#67
Ethyl Benzene
Concen: 3.179 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0584

Tot Ion: 91 Resp: 33453
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2

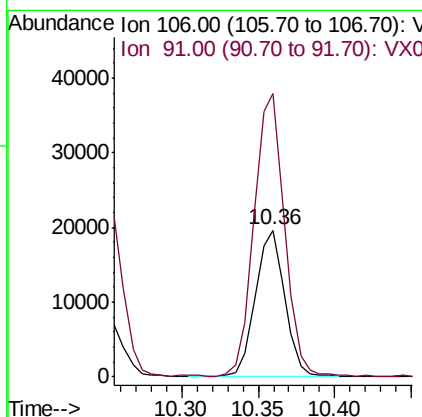
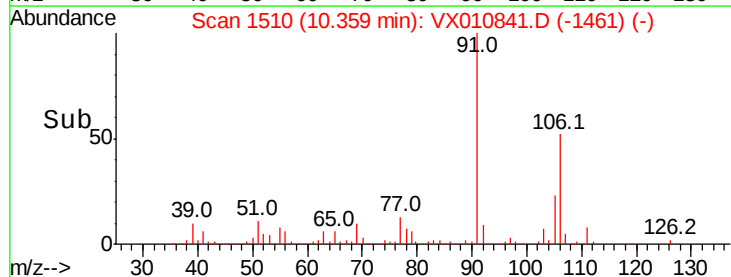
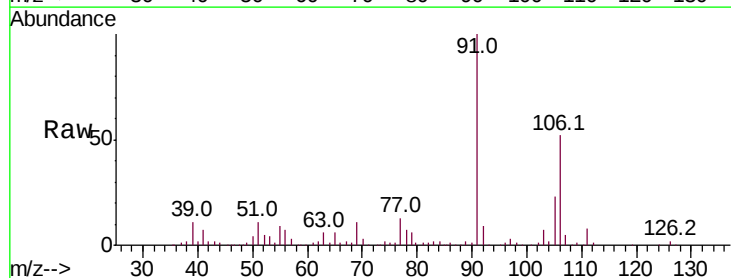
Manual Integrations
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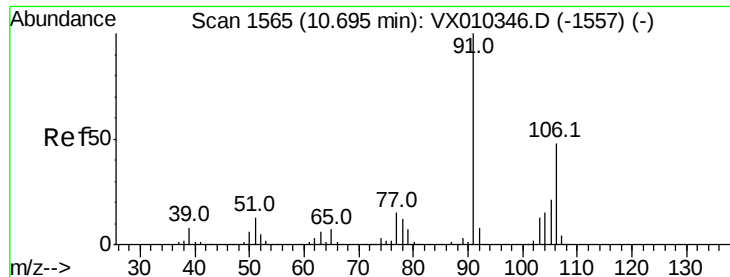
MMDadoda
7/15/2019 11:00:48 AM



#68
m/p-Xylenes
Concen: 6.457 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion: 106 Resp: 26332
Ion Ratio Lower Upper
106 100
91 199.0 155.3 232.9





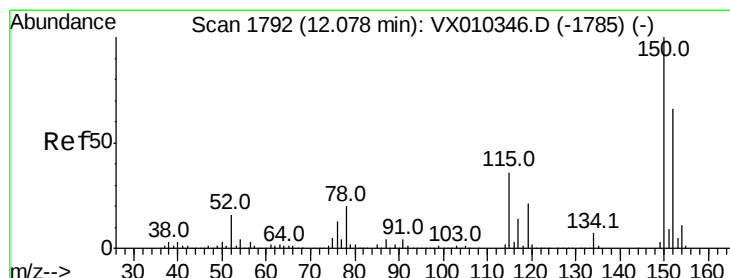
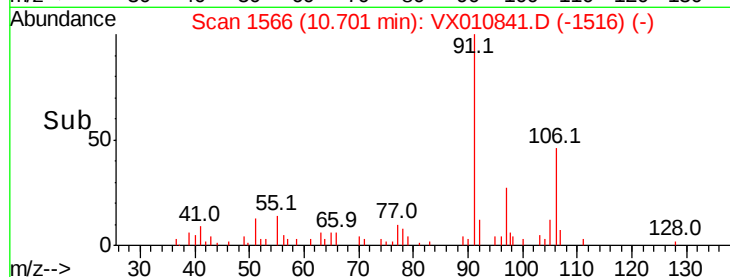
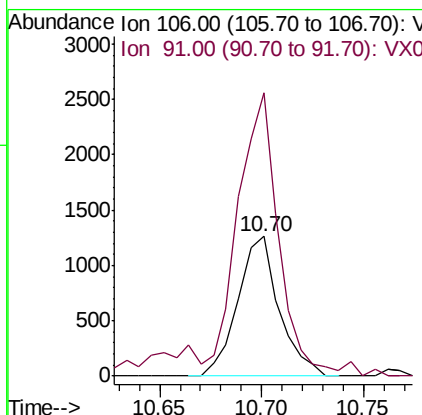
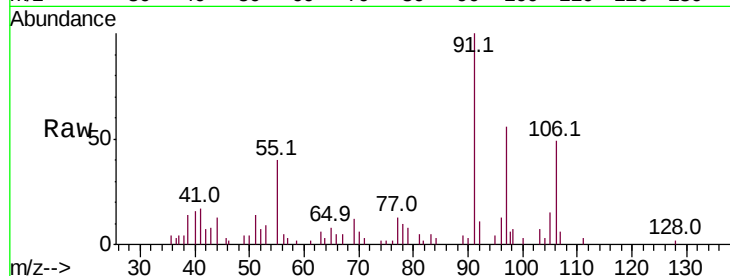
#69
o-Xylene
Concen: 0.444 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Instrument :
MSVOA_X
ClientSampled :
FL-0584

Tot Ion:106 Resp: 1780
Ion Ratio Lower Upper
106 100
91 203.0 102.7 308.1

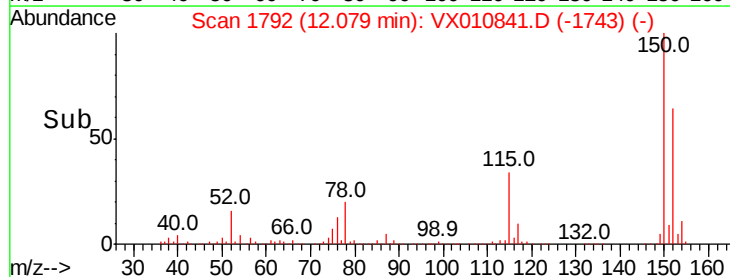
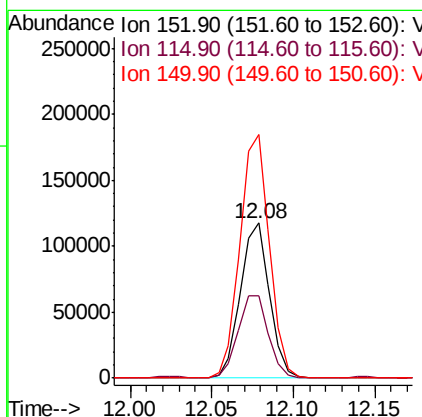
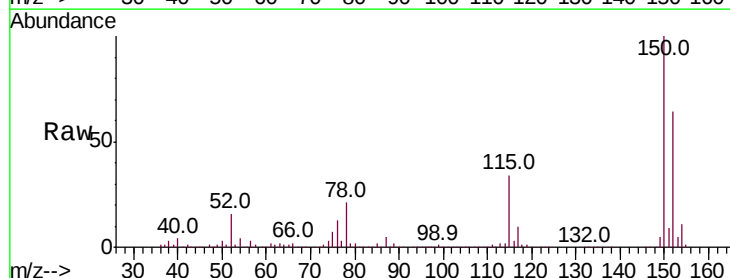
Manual Integrations
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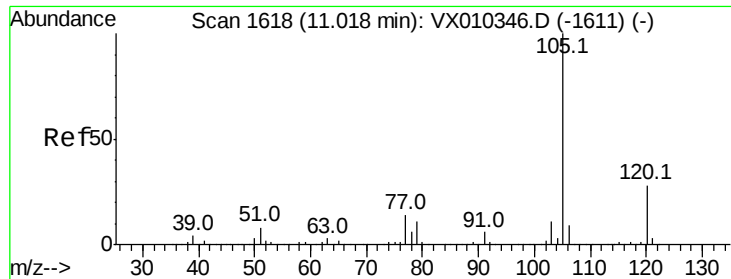
MMDadoda
7/15/2019 11:00:48 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010841.D
Acq: 12 Jul 2019 17:13

Tgt Ion:152 Resp: 146499
Ion Ratio Lower Upper
152 100
115 55.7 38.6 115.7
150 159.1 0.0 347.4





#73

Isopropylbenzene

Concen: 0.608 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampled :

FL-0584

Tot Ion: 105 Resp: 6040

Ion Ratio Lower Upper

105 100

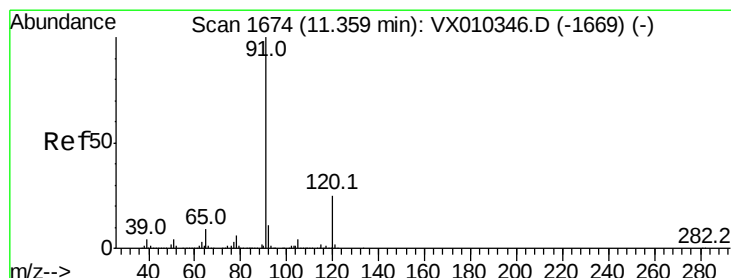
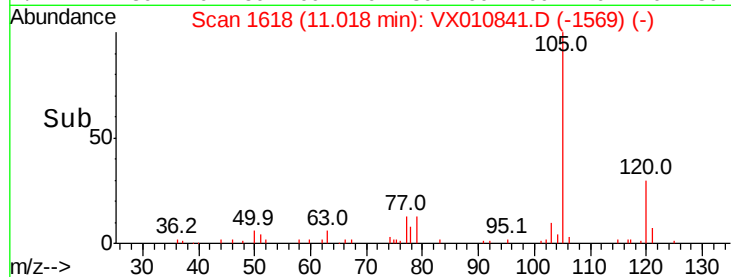
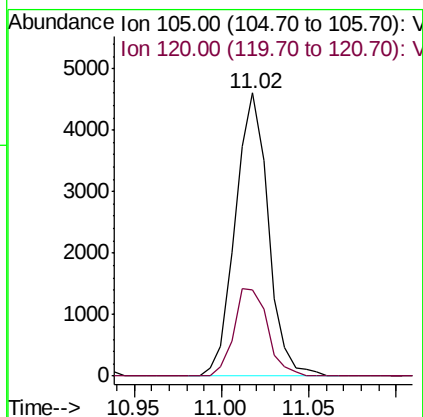
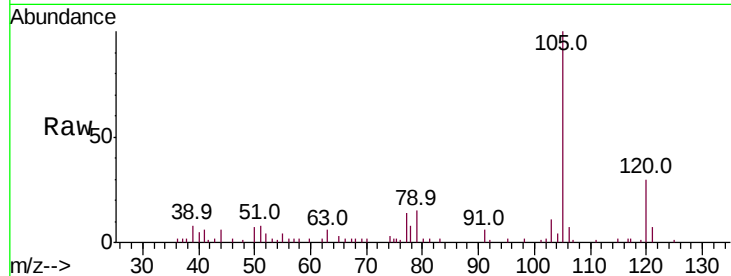
120 31.5 14.1 42.4

Manual Integrations

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#78

n-propylbenzene

Concen: 0.964 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010841.D

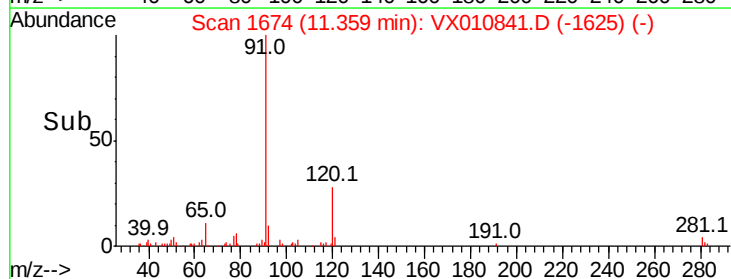
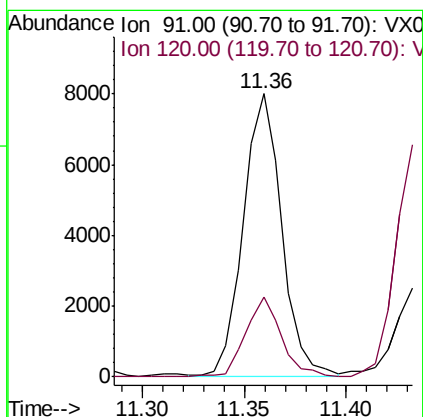
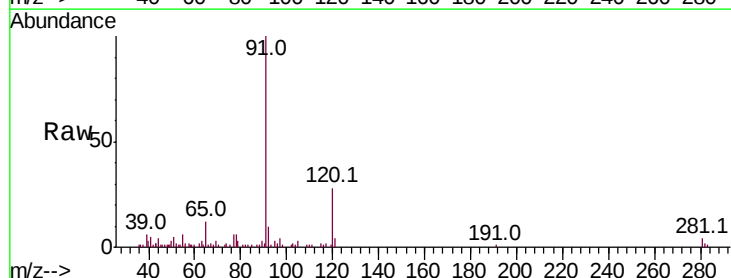
Acq: 12 Jul 2019 17:13

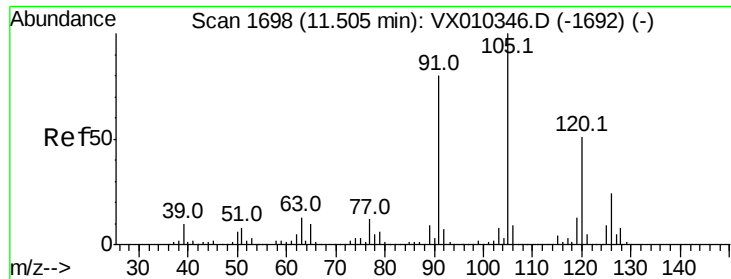
Tgt Ion: 91 Resp: 10518

Ion Ratio Lower Upper

91 100

120 26.2 12.4 37.4





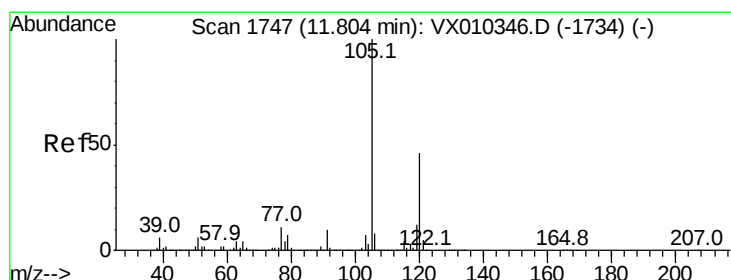
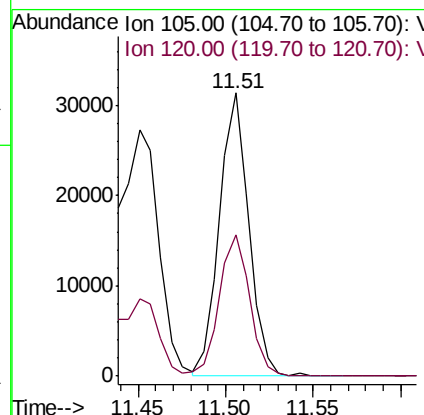
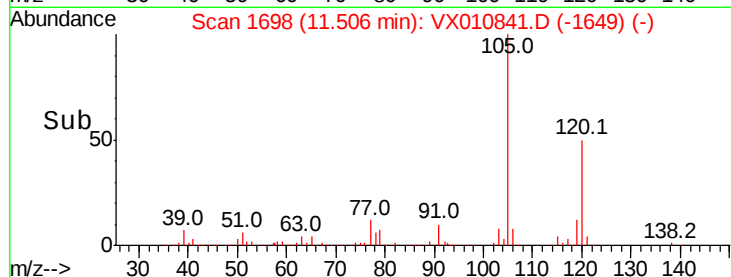
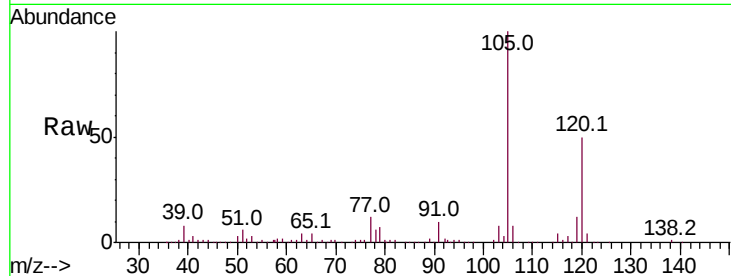
#80
 1,3,5-Trimethylbenzene
 Concen: 4.490 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0584

Tot Ion:105 Resp: 36759
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.2 75.6

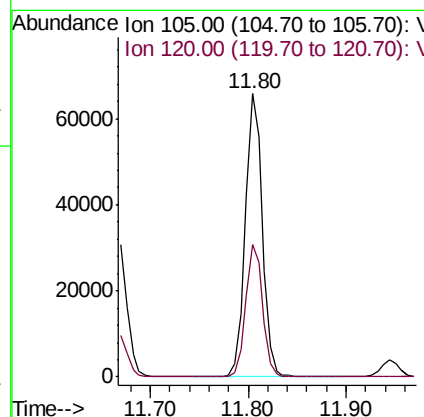
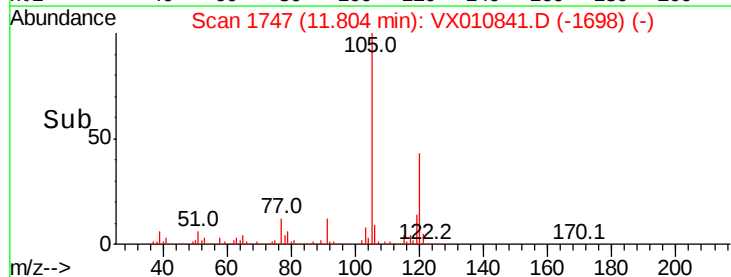
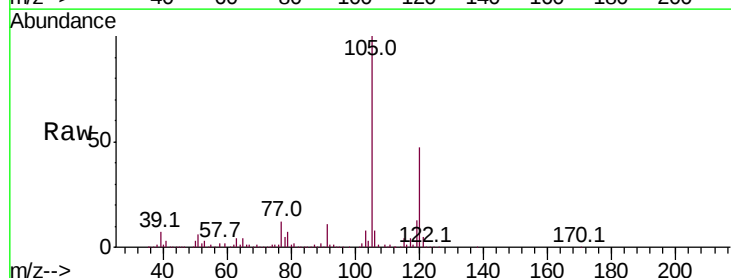
Manual Integrations
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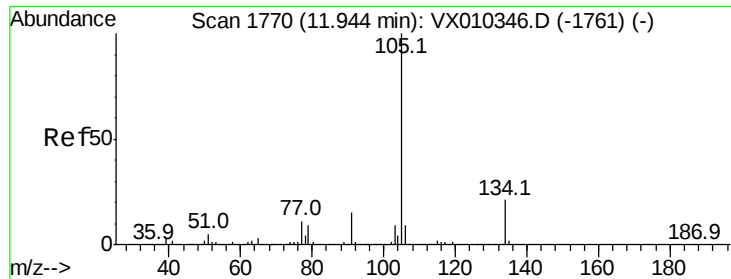
MMDadoda
 7/15/2019 11:00:48 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 9.618 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010841.D
 Acq: 12 Jul 2019 17:13

Tgt Ion:105 Resp: 79111
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

FL-0584

Tot Ion:105 Resp: 5205

Ion Ratio Lower Upper

105 100

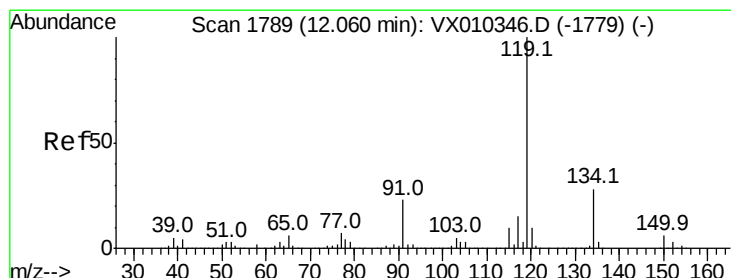
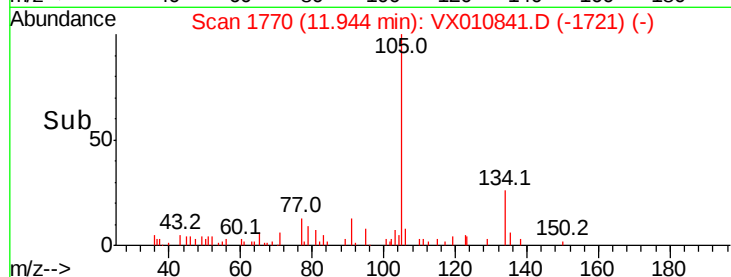
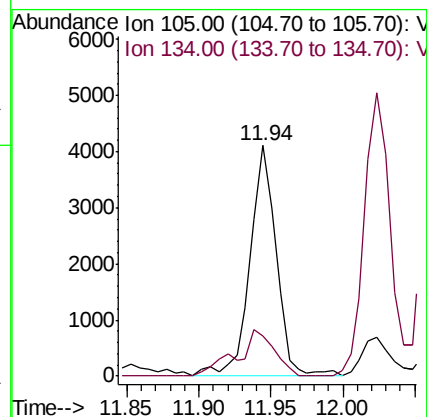
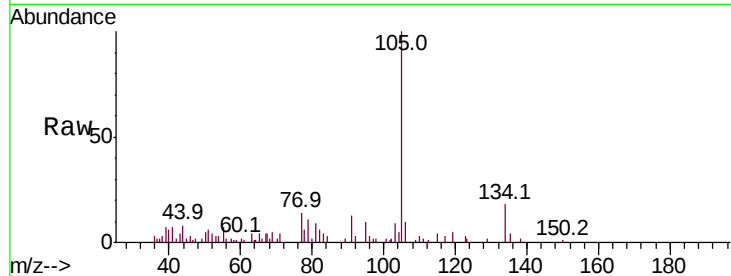
134 28.7 10.7 31.9

Manual Integrations

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7/15/2019 11:00:48 AM



#86

p-Isopropyltoluene

Concen: 1.738 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010841.D

Acq: 12 Jul 2019 17:13

Tgt Ion:119 Resp: 15511

Ion Ratio Lower Upper

119 100

134 25.8 13.7 41.1

91 27.3 11.3 33.8

