

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011865.D
 Acq On : 27 Aug 2019 21:09
 Operator : JC/SP
 Sample : K4566-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
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MMDadoda
 8/28/2019 11:44:06 AM

Quant Time: Aug 28 04:21:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	389889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	545831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	481547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	245568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	202322	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	5.49	113	169806	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	623536	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	233758	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	6948	8.977	ug/l #	72
16) Acetone	2.43	43	9474	5.561	ug/l	98
31) Cyclohexane	5.57	56	27608	5.732	ug/l	89
39) Methylcyclohexane	7.46	83	30575	5.764	ug/l	91
40) Benzene	6.13	78	4957	0.374	ug/l	94
73) Isopropylbenzene	11.01	105	148213	10.015	ug/l	99
78) n-propylbenzene	11.35	91	342612	21.651	ug/l	97
83) tert-Butylbenzene	11.77	119	9610	0.789	ug/l	89
85) sec-Butylbenzene	11.94	105	140638	10.092	ug/l	86
89) n-Butylbenzene	12.38	91	47482m	4.278	ug/l	

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

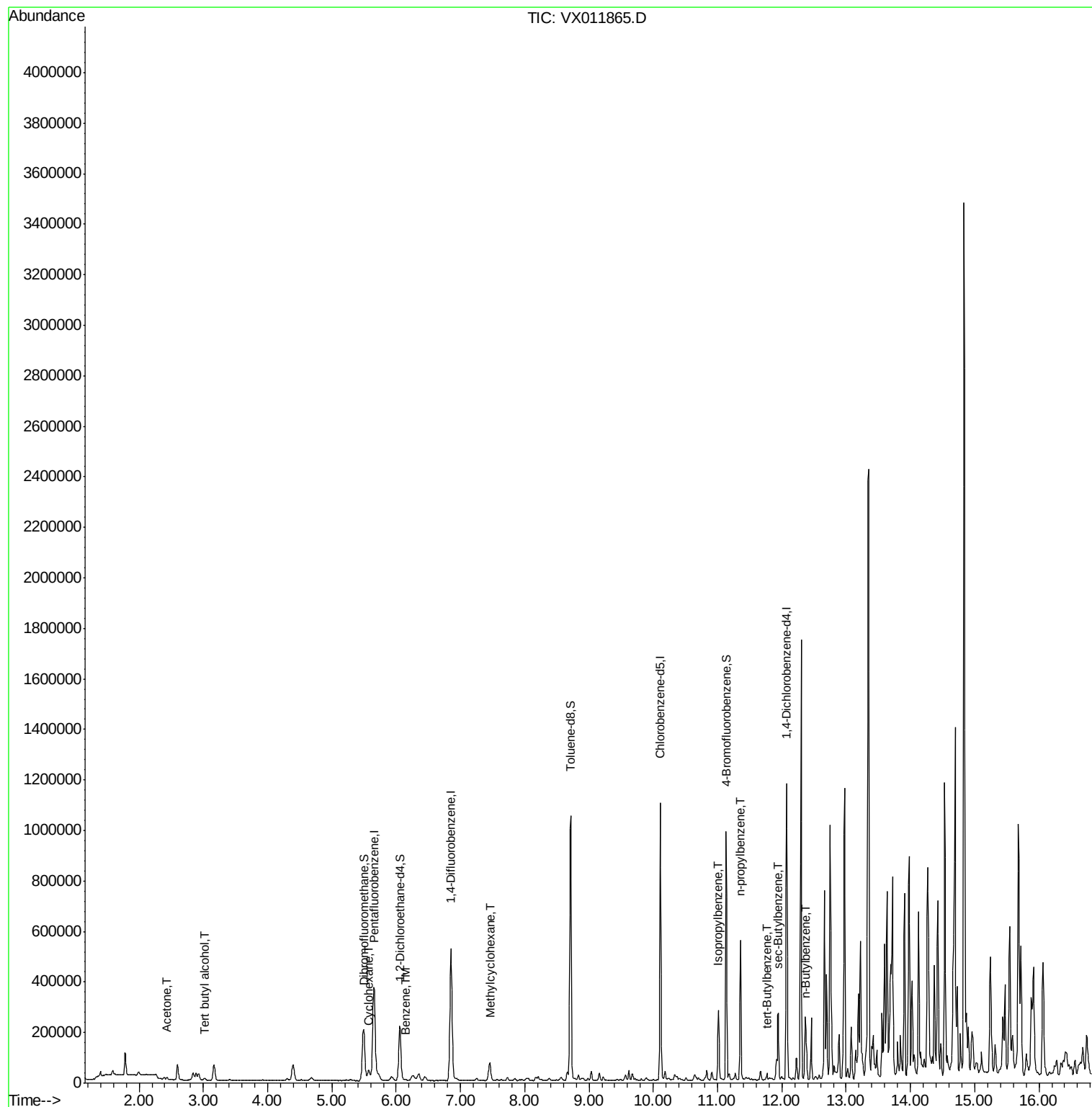
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082719\
Data File : VX011865.D
Acq On : 27 Aug 2019 21:09
Operator : JC/SP
Sample : K4566-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

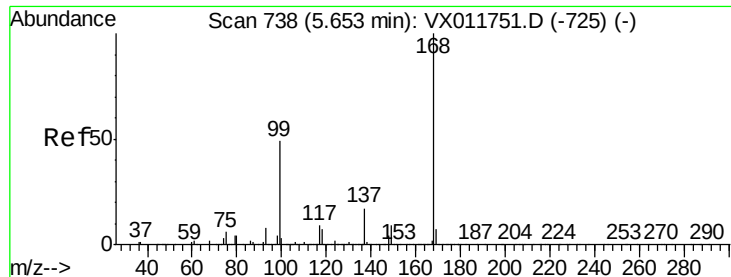
Instrument :
MSVOA_X
ClientSampleId :
MW-1

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8/28/2019 11:44:06 AM

Quant Time: Aug 28 04:21:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion:168 Resp: 389889

Ion Ratio Lower Upper

168 100

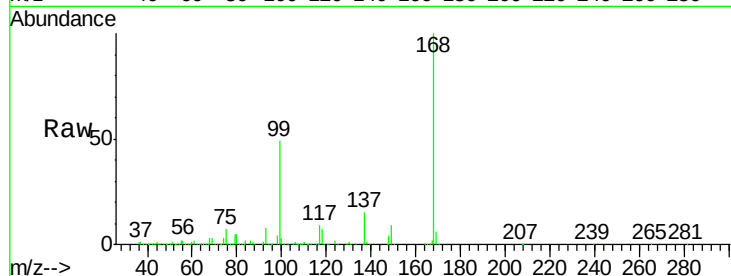
99 48.8 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

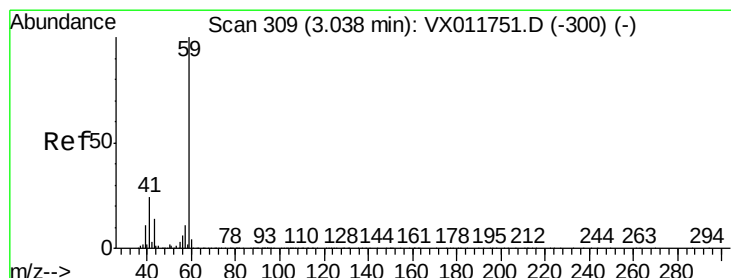
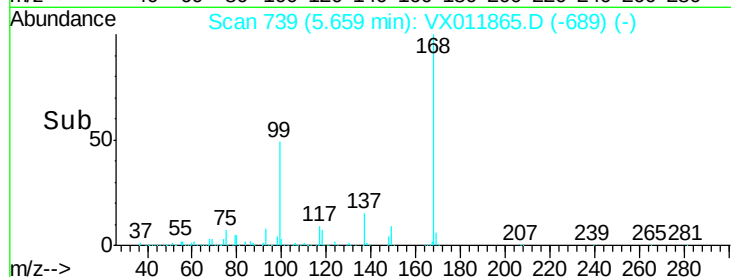
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 8.977 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX011865.D

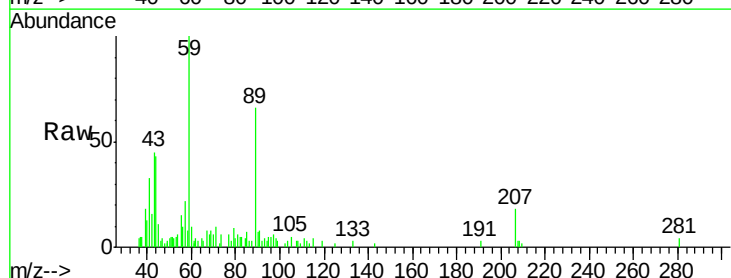
Acq: 27 Aug 2019 21:09

Tgt Ion: 59 Resp: 6948

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

5000

4000

3000

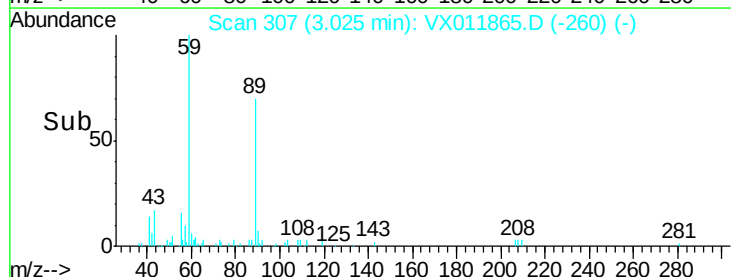
2000

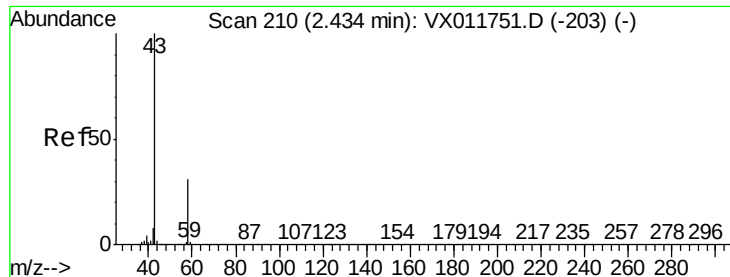
1000

0

2.90 2.95 3.00 3.05 3.10

Time-->





#16

Acetone

Concen: 5.561 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion: 43 Resp: 9474

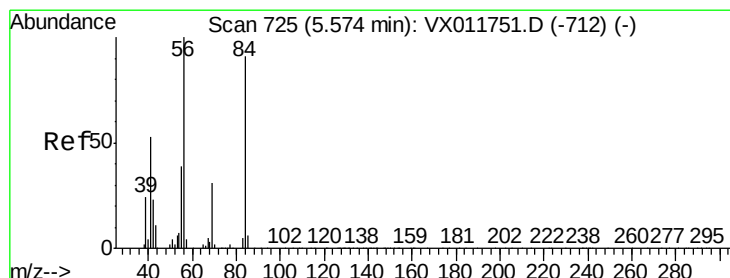
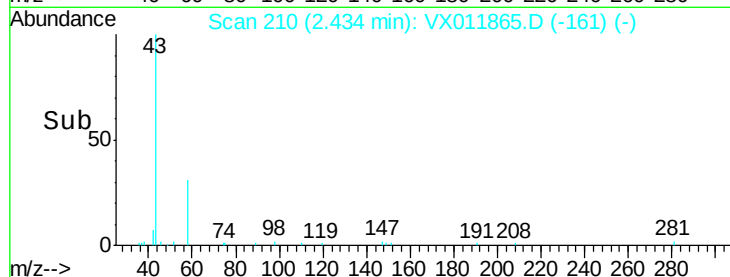
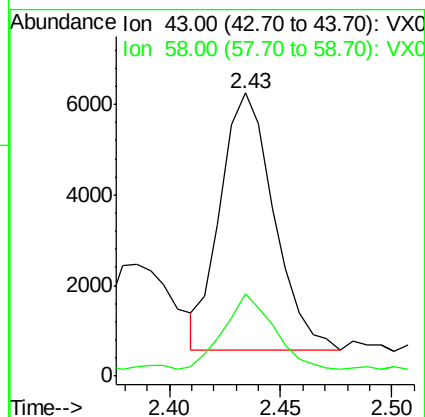
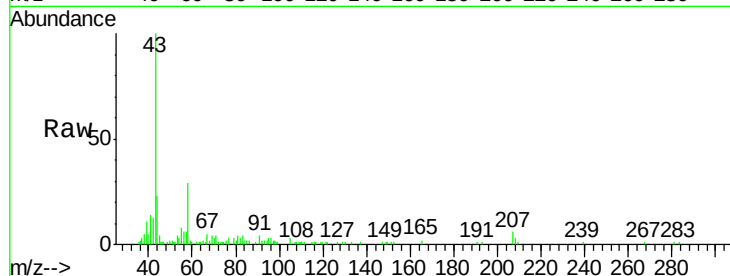
Ion Ratio Lower Upper

43 100

58 29.6 24.4 36.6

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#31

Cyclohexane

Concen: 5.732 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

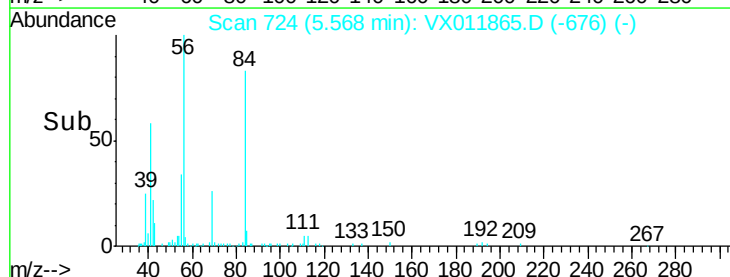
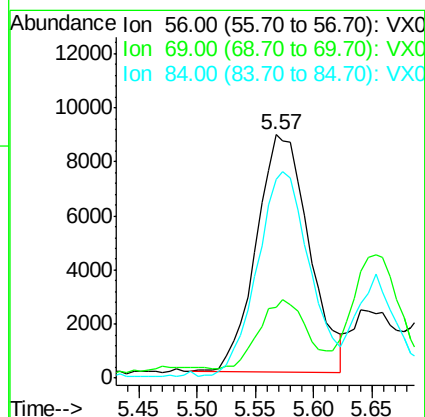
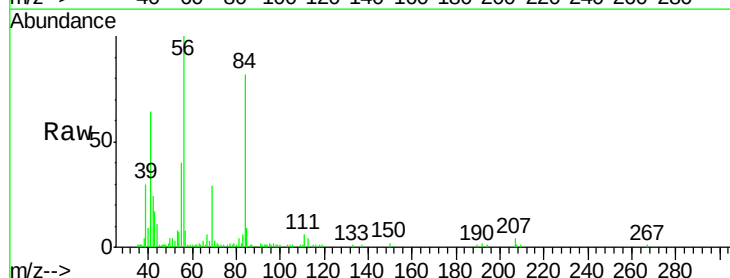
Tgt Ion: 56 Resp: 27608

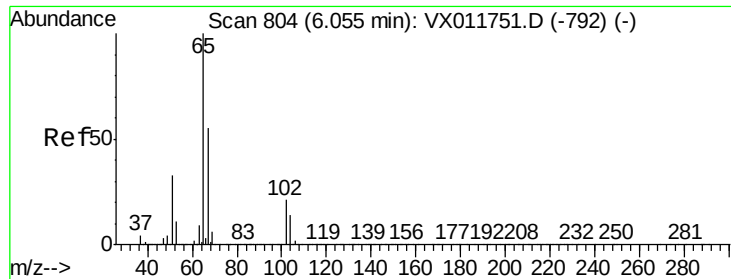
Ion Ratio Lower Upper

56 100

69 24.9 24.5 36.7

84 80.9 72.7 109.1





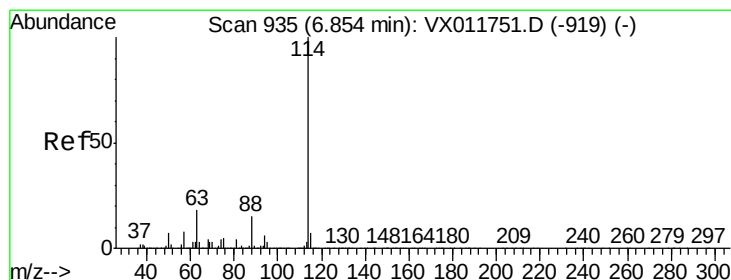
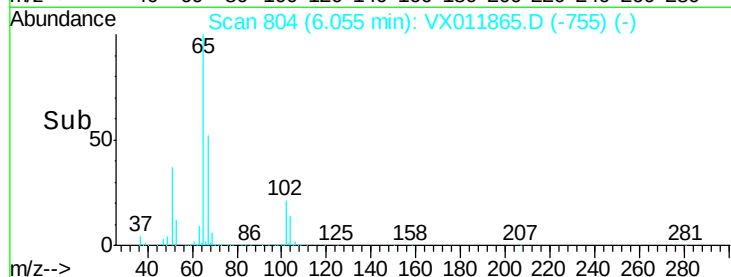
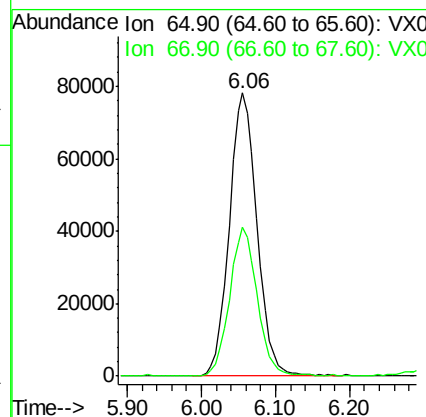
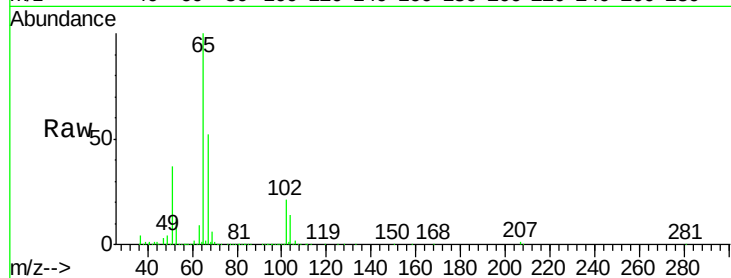
#33
 1,2-Dichloroethane-d4
 Concen: 51.657 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011865.D
 Acq: 27 Aug 2019 21:09

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	202322		
67	51.9	0.0	107.8	

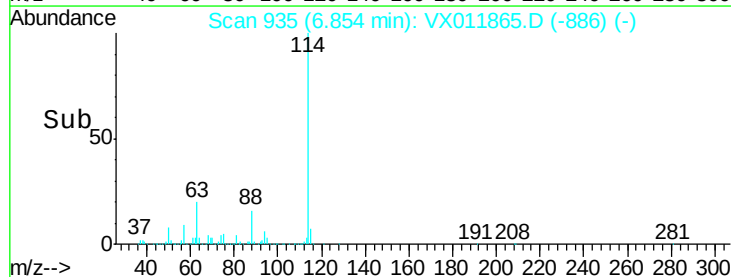
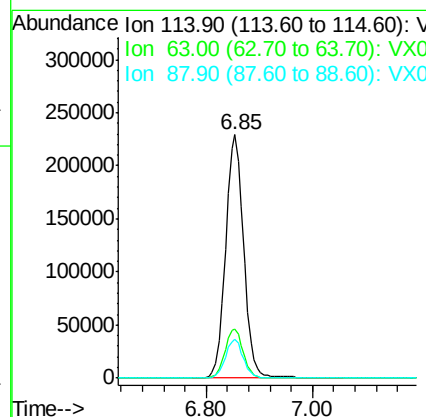
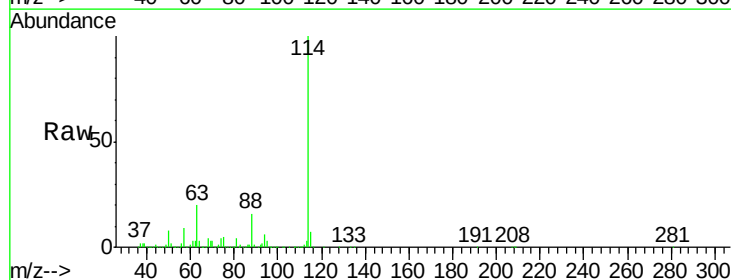
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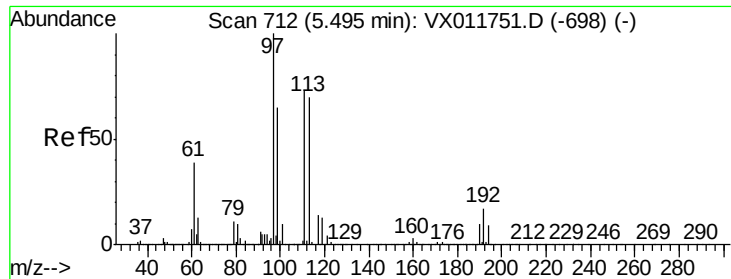
MMDadoda
 8/28/2019 11:44:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011865.D
 Acq: 27 Aug 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	545831		
63	20.3	0.0	36.8	
88	15.9	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.110 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

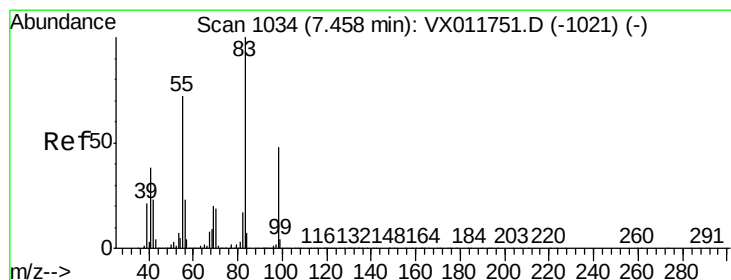
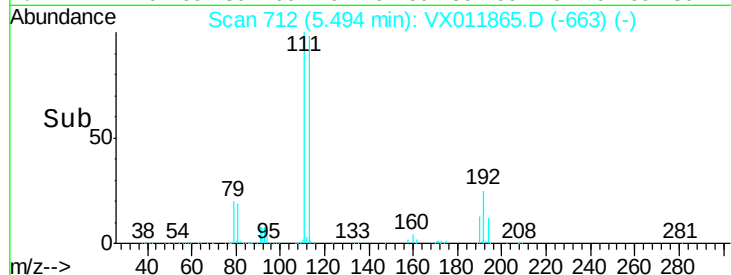
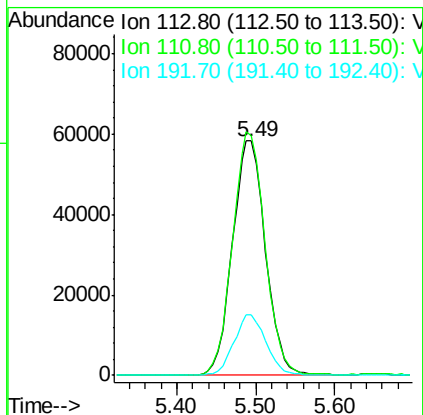
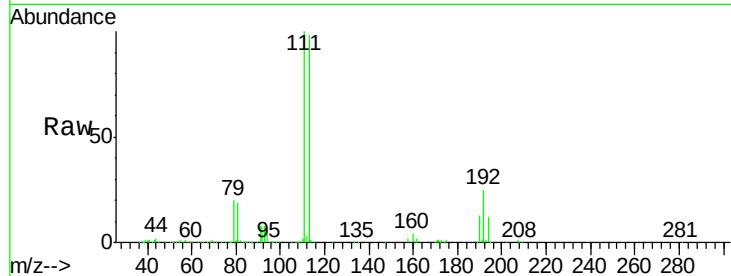
ClientSampleId :

MW-1

Tot Ion:	113	Resp:	169806
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.0	121.4
192	25.4	19.9	29.9

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#39

Methylcyclohexane

Concen: 5.764 ug/l

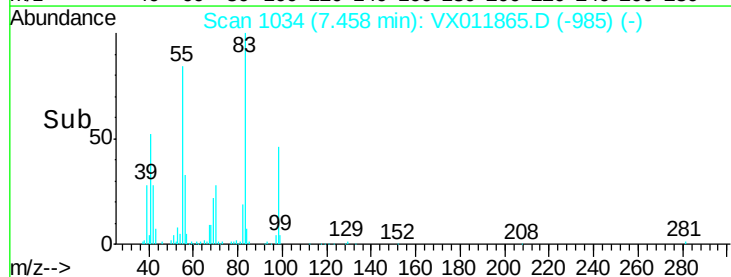
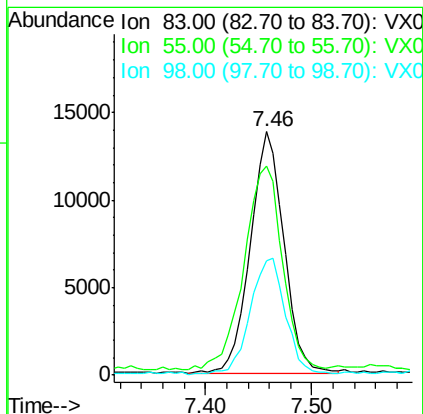
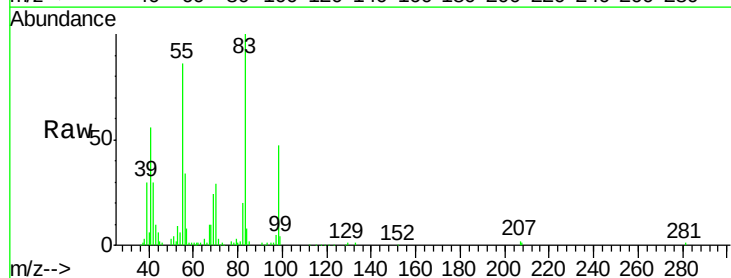
RT: 7.46 min Scan# 1034

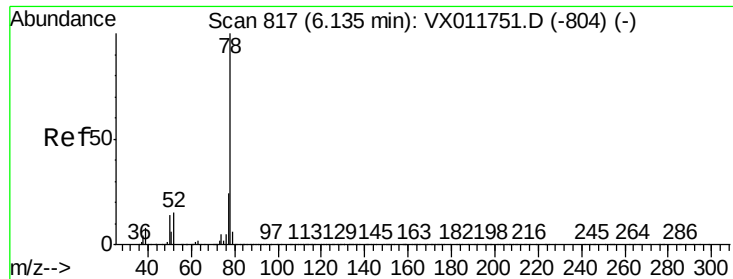
Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Tgt Ion:	83	Resp:	30575
Ion Ratio	Lower	Upper	
83	100		
55	84.5	57.8	86.6
98	47.5	38.6	58.0





#40

Benzene

Concen: 0.374 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tot Ion: 78 Resp: 4957

Ion Ratio Lower Upper

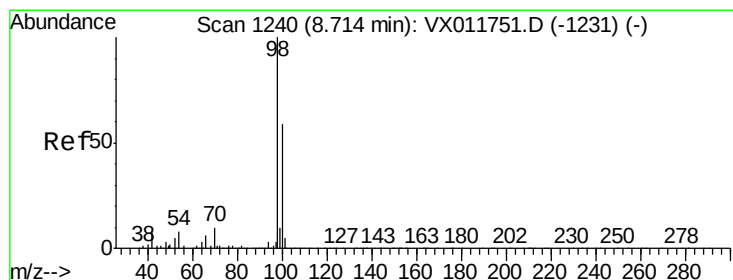
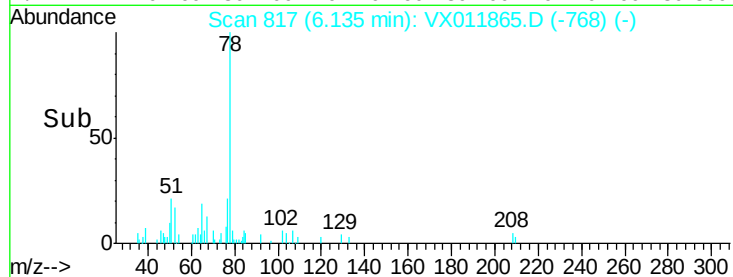
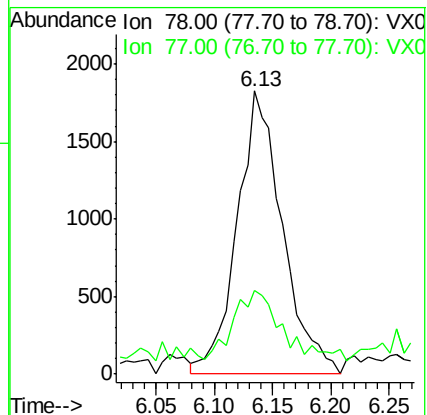
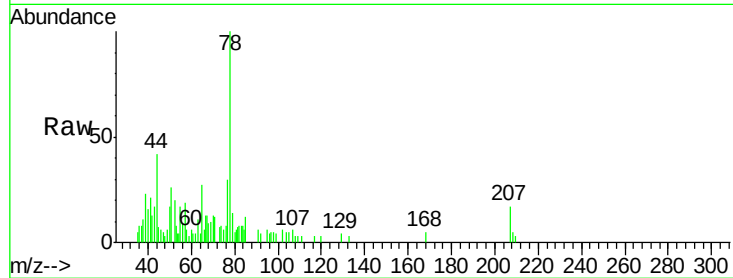
78 100

77 20.7 19.1 28.7

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#50

Toluene-d8

Concen: 50.648 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011865.D

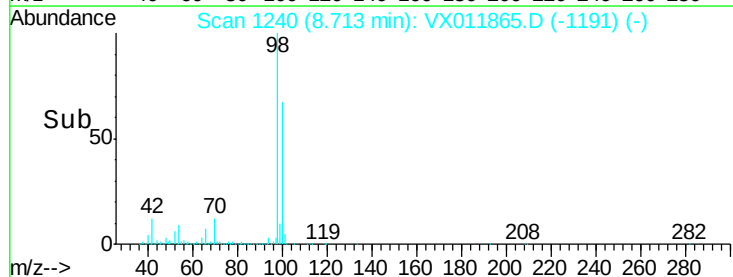
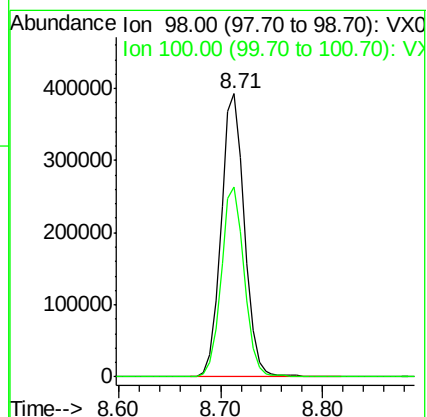
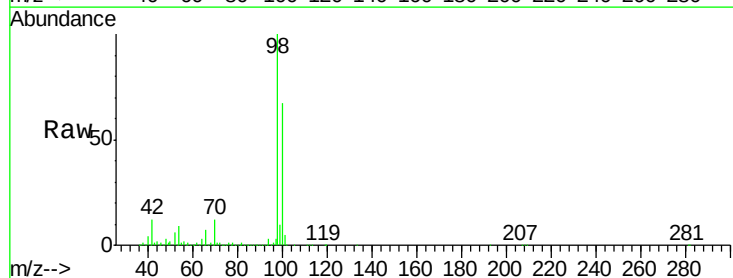
Acq: 27 Aug 2019 21:09

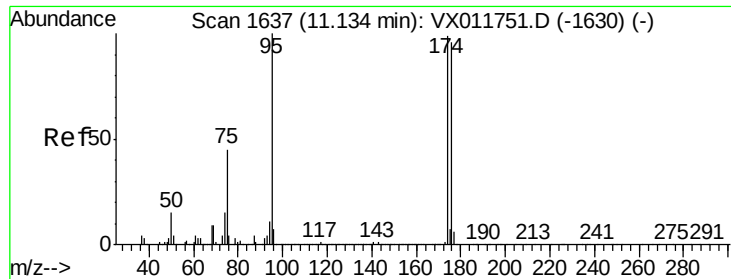
Tgt Ion: 98 Resp: 623536

Ion Ratio Lower Upper

98 100

100 66.8 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 48.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

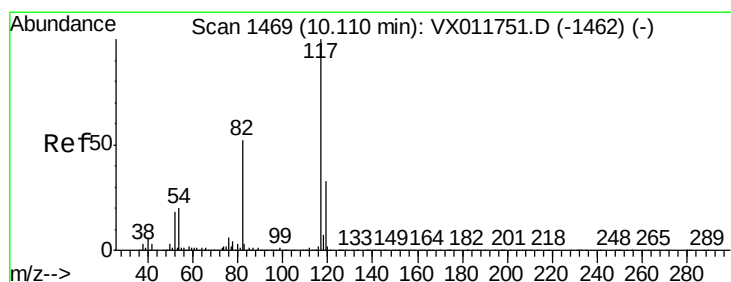
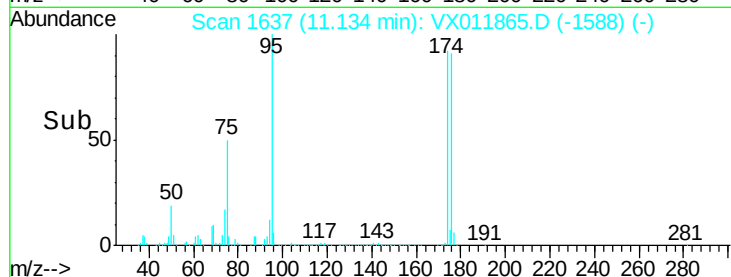
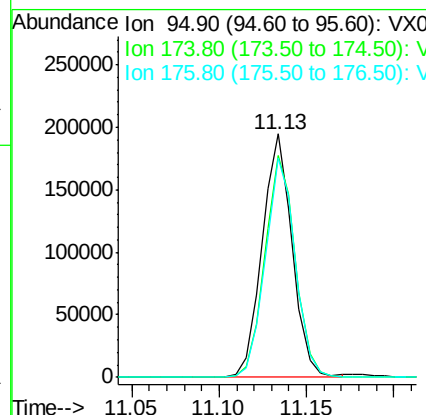
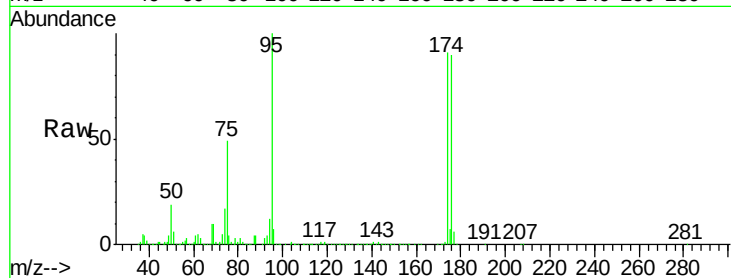
ClientSampled :

MW-1

Tot Ion:	95	Resp:	233758
Ion Ratio	Lower	Upper	
95	100		
174	92.5	0.0	197.4
176	90.4	0.0	194.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

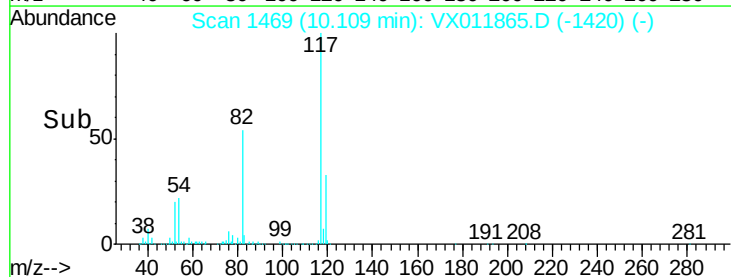
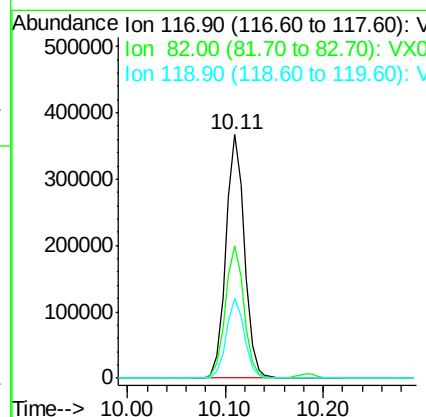
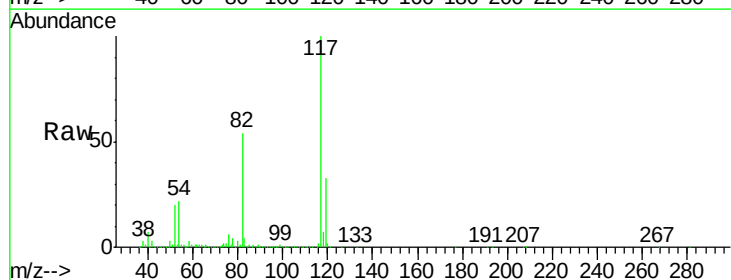
RT: 10.11 min Scan# 1469

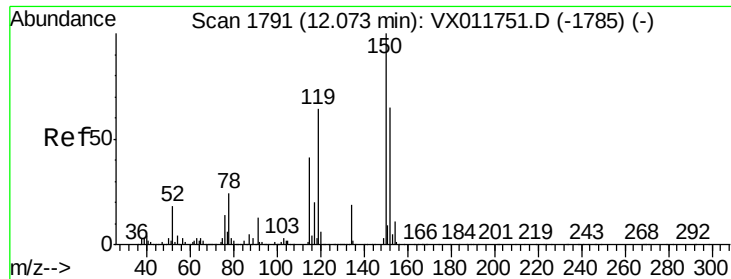
Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Tgt Ion:	117	Resp:	481547
Ion Ratio	Lower	Upper	
117	100		
82	54.1	41.7	62.5
119	32.8	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

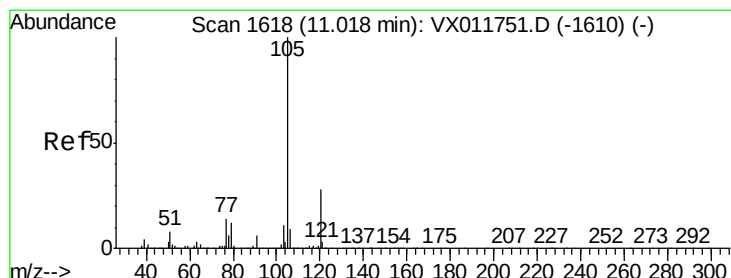
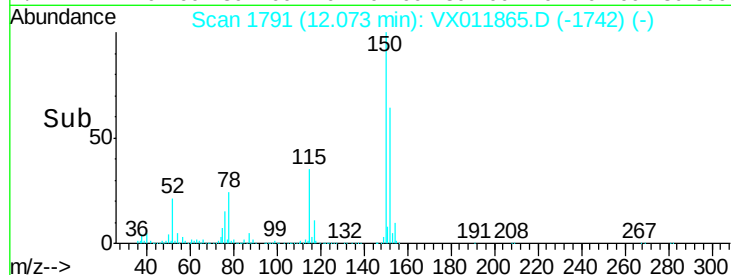
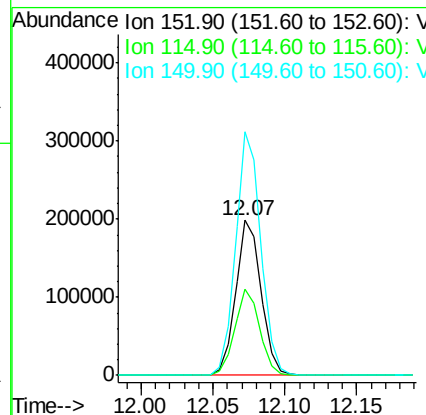
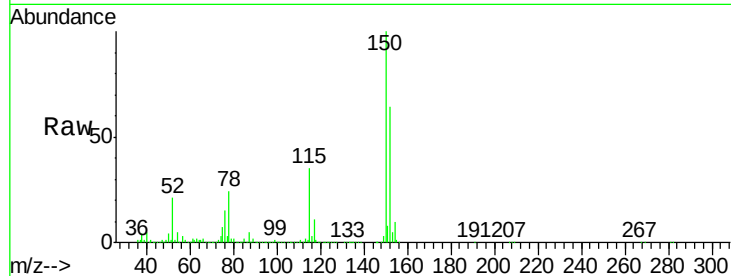
ClientSampleId :

MW-1

Tot Ion:	152	Resp:	245568
Ion Ratio	Lower	Upper	
152	100		
115	54.8	37.3	111.8
150	156.1	0.0	343.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 10.015 ug/l

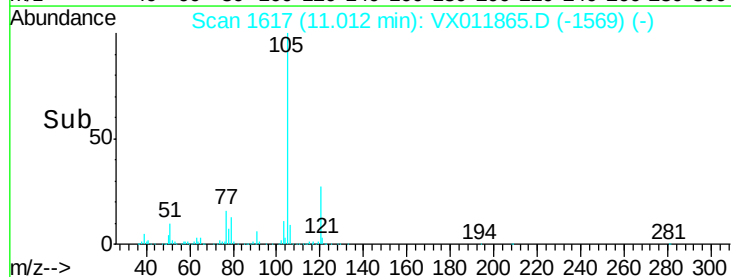
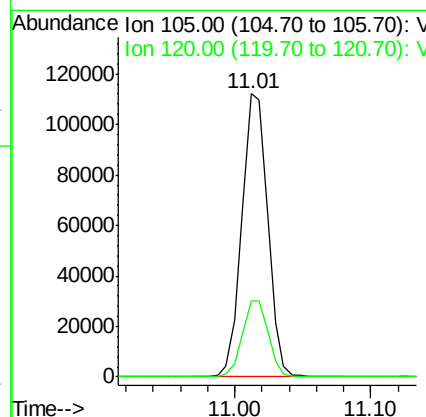
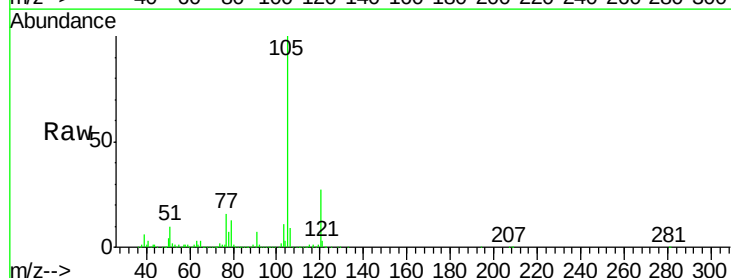
RT: 11.01 min Scan# 1617

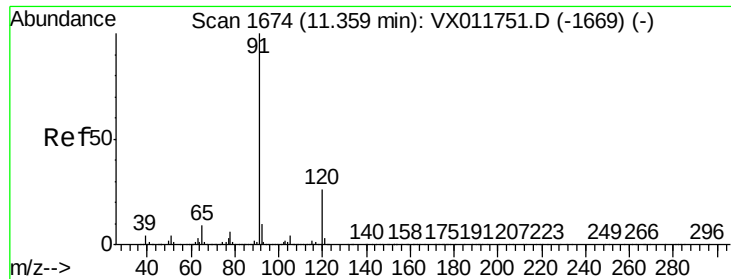
Delta R.T. -0.01 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Tgt Ion:	105	Resp:	148213
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.9	41.7





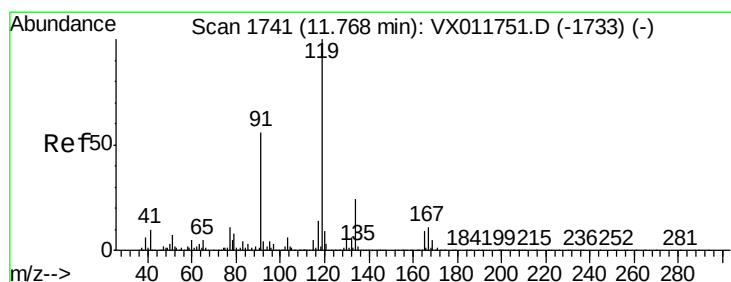
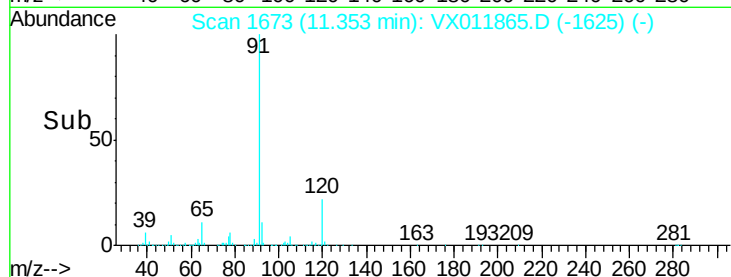
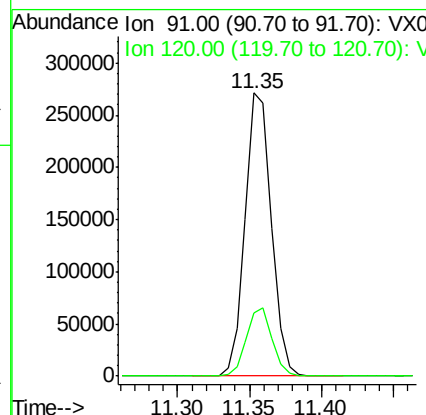
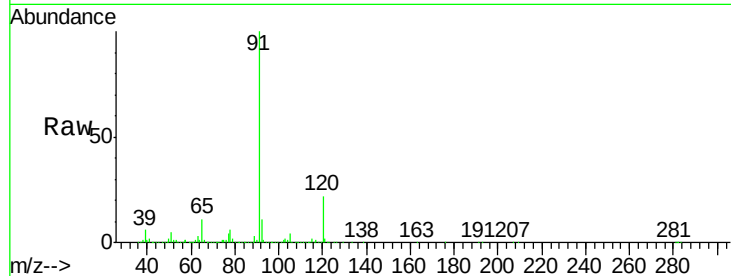
#78
n-propylbenzene
Concen: 21.651 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VX011865.D
Acq: 27 Aug 2019 21:09

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.7	38.1

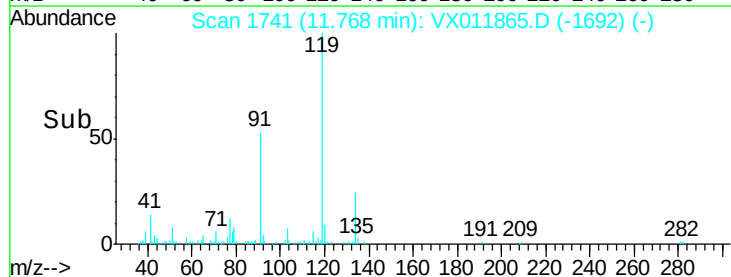
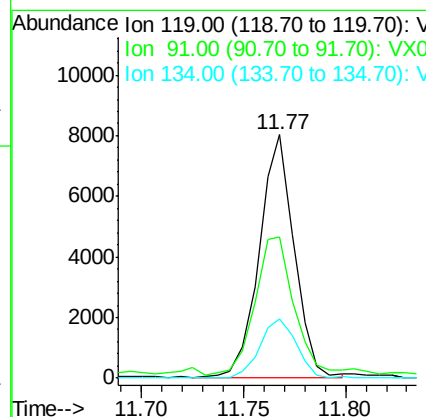
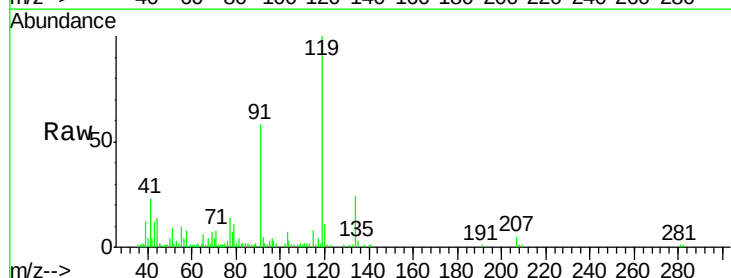
Manual Integrations
APPROVED

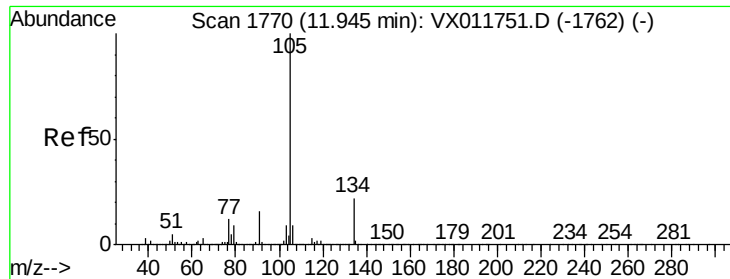
MMDadoda
8/28/2019 11:44:06 AM



#83
tert-Butylbenzene
Concen: 0.789 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011865.D
Acq: 27 Aug 2019 21:09

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	27.7	83.1
134	25.3	11.8	35.3





#85

sec-Butylbenzene

Concen: 10.092 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tot Ion: 105 Resp: 140638

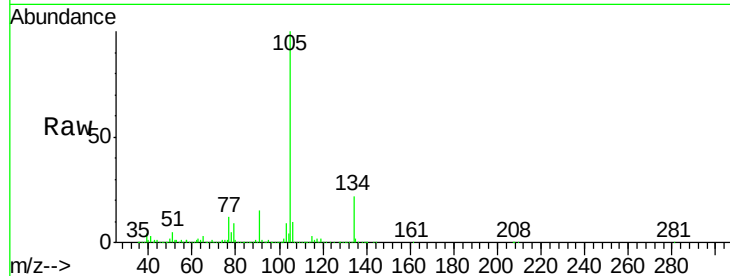
Ion Ratio Lower Upper

105 100

134 28.1 10.8 32.3

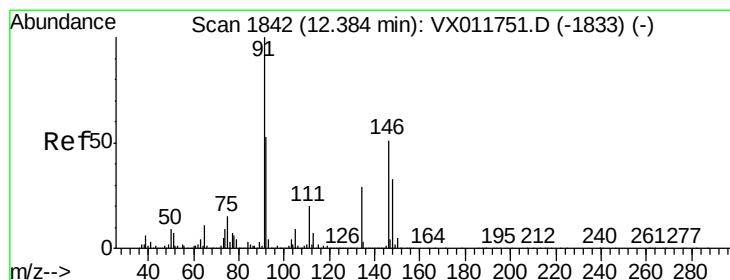
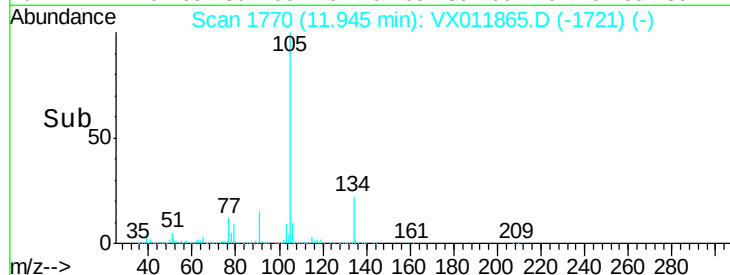
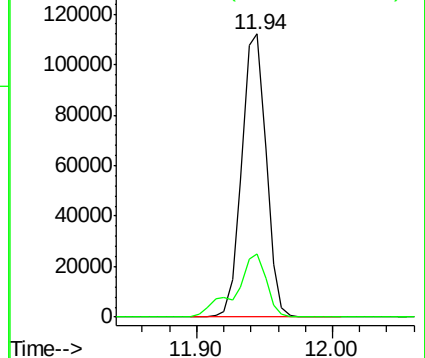
Manual Integrations
APPROVED

MMDadoda
8/28/2019 11:44:06 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 4.278 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011865.D

Acq: 27 Aug 2019 21:09

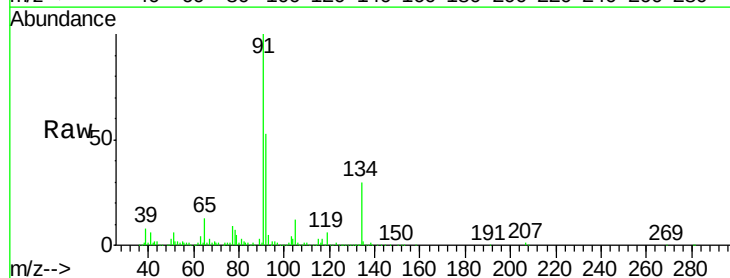
Tgt Ion: 91 Resp: 47482

Ion Ratio Lower Upper

91 100

92 62.1 26.7 80.0

134 84.0 14.6 43.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

