

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002534.D
 Acq On : 14 Jun 2018 03:35
 Operator : JC/MD
 Sample : J3383-11
 Misc : 6.10g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-40VR

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:34 AM

Quant Time: Jun 14 05:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165890	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
35) Dibromofluoromethane	5.51	113	122451	42.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.20%	
50) Toluene-d8	8.72	98	527418	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.15	95	198336	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	237057	50.949	ug/l #	89
39) Methylcyclohexane	7.46	83	447389	92.906	ug/l	100
40) Benzene	6.14	78	4715	0.395	ug/l	95
67) Ethyl Benzene	10.26	91	603639	41.581	ug/l	99
68) m/p-Xylenes	10.37	106	37190	6.590	ug/l	94
73) Isopropylbenzene	11.02	105	85436	5.751	ug/l	99
78) n-propylbenzene	11.37	91	463772	28.087	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	497221	39.021	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1698712	129.507	ug/l	98
85) sec-Butylbenzene	11.95	105	34178m	2.350	ug/l	
95) Naphthalene	13.84	128	212410	13.665	ug/l	98

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

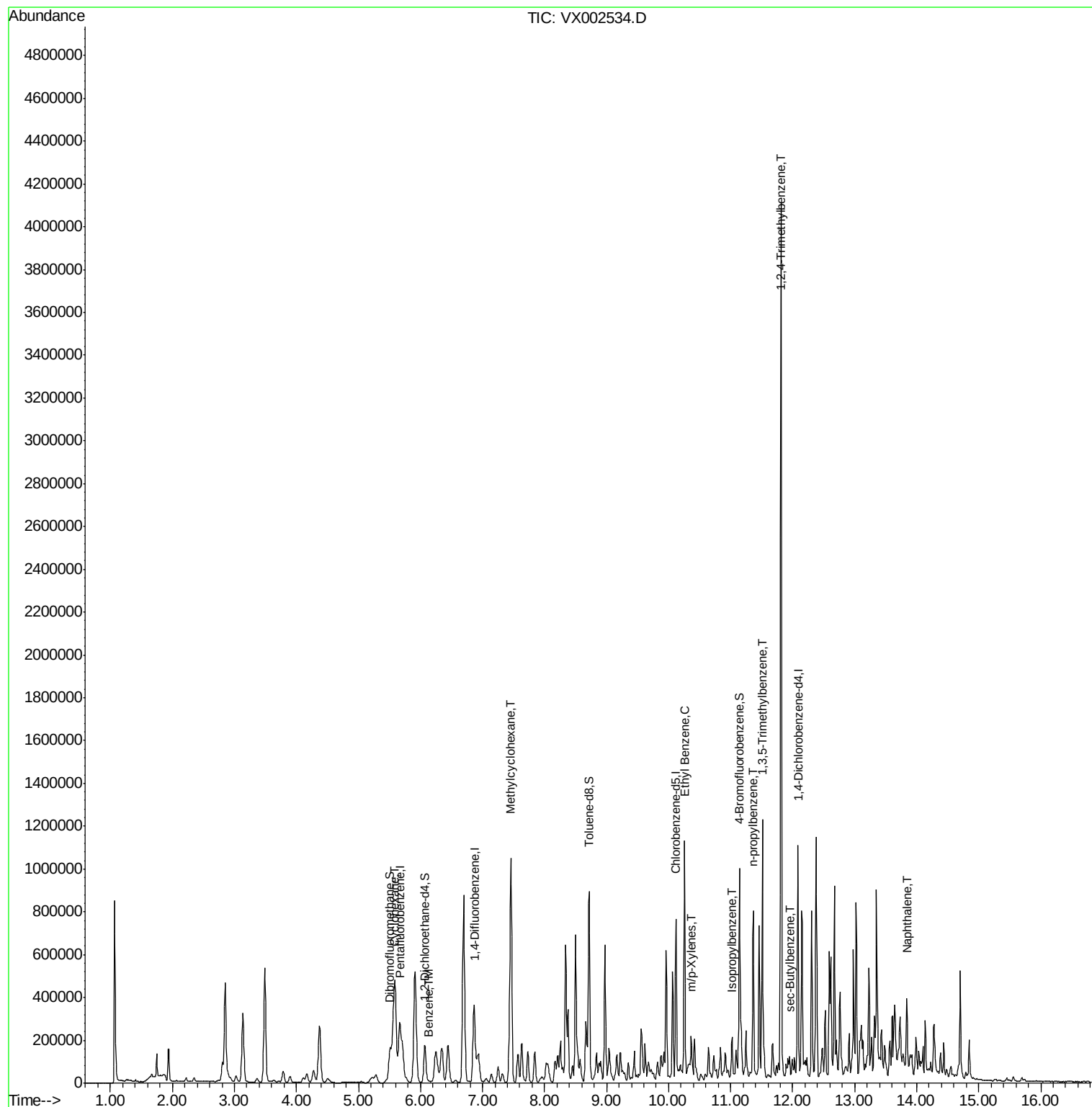
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002534.D
Acq On : 14 Jun 2018 03:35
Operator : JC/MD
Sample : J3383-11
Misc : 6.10g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 37 Sample Multiplier: 1

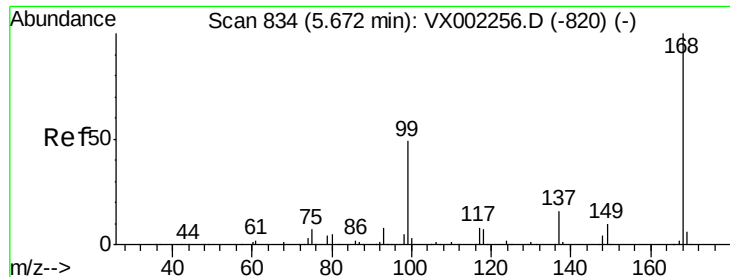
Instrument :
MSVOA_X
ClientSampleId :
B-40VR

Manual Integrations
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6/14/2018 11:29:34 AM

Quant Time: Jun 14 05:05:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampled :

B-40VR

Tot Ion:168 Resp: 257691

Ion Ratio Lower Upper

168 100

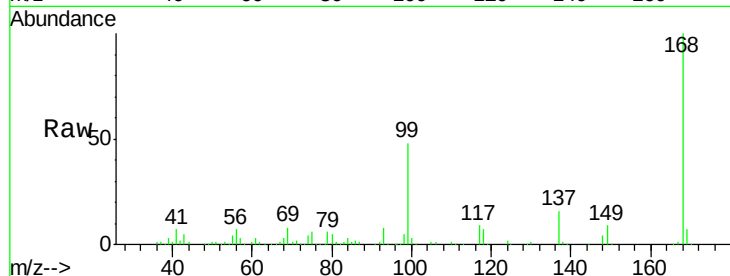
99 48.2 39.3 58.9

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

5.67

100000

80000

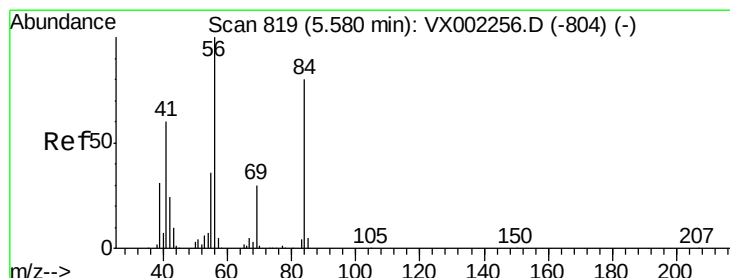
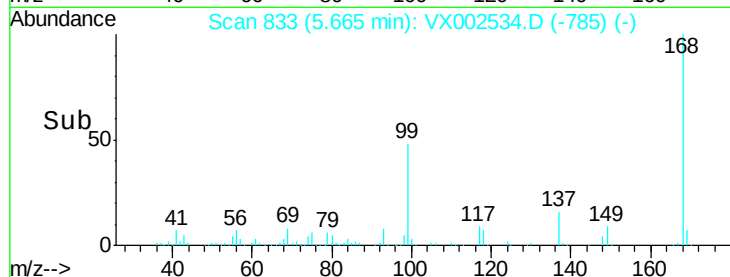
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 50.949 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

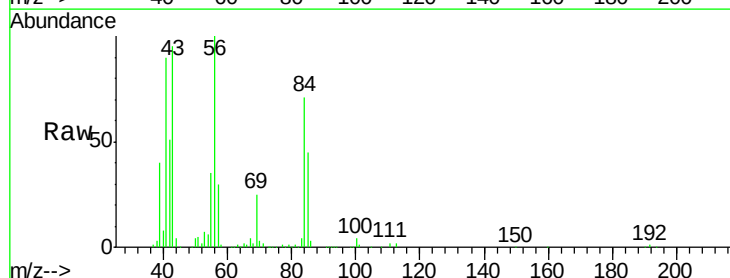
Tgt Ion: 56 Resp: 237057

Ion Ratio Lower Upper

56 100

69 21.9 23.7 35.5#

84 71.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

80000

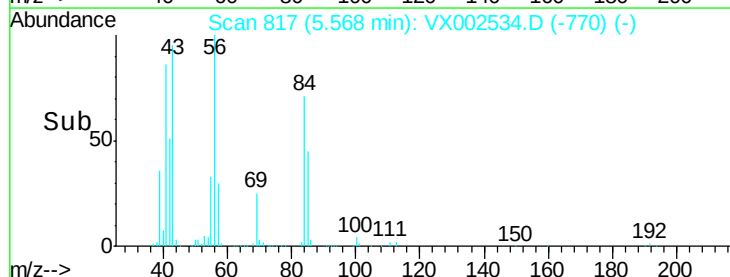
60000

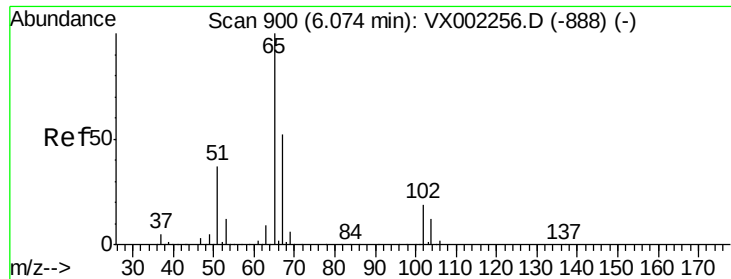
40000

20000

0

Time--> 5.50 5.60 5.70





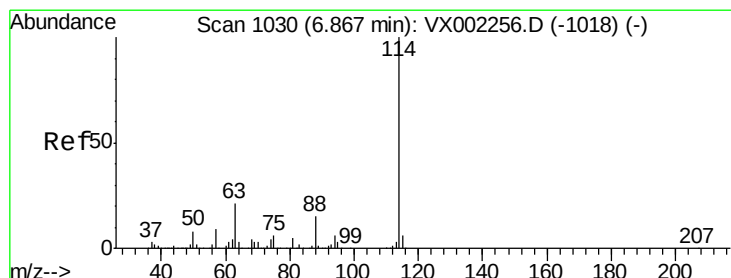
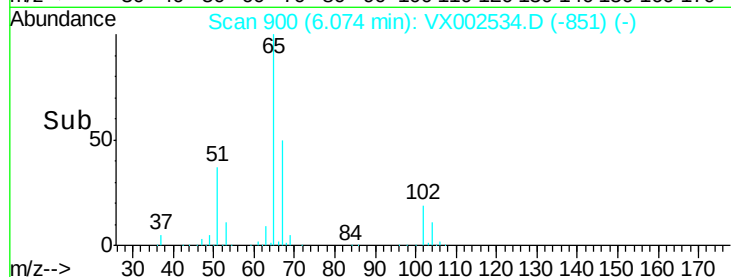
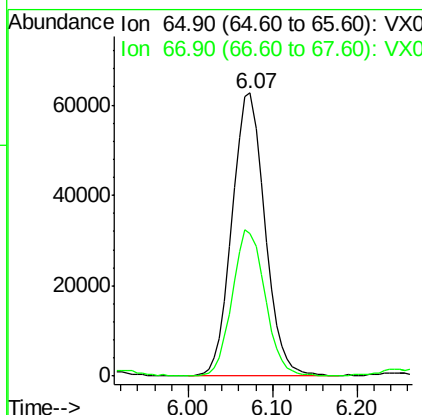
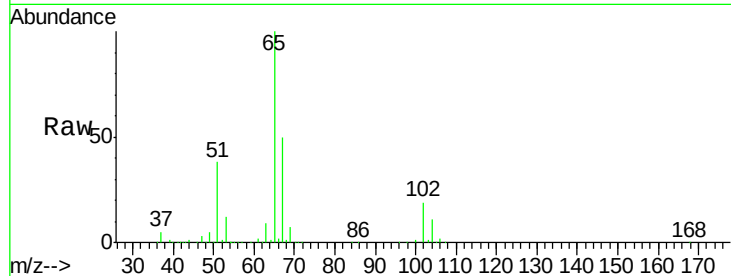
#33
 1,2-Dichloroethane-d4
 Concen: 44.648 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 B-40VR

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

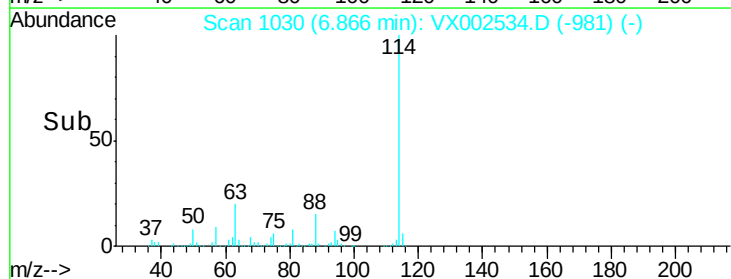
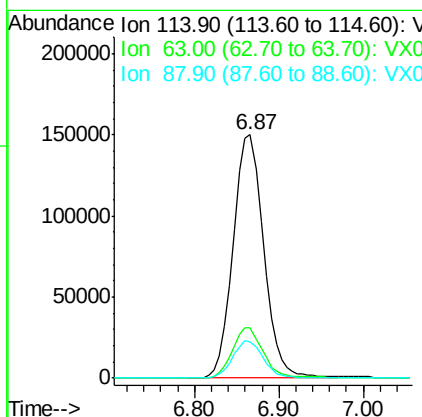
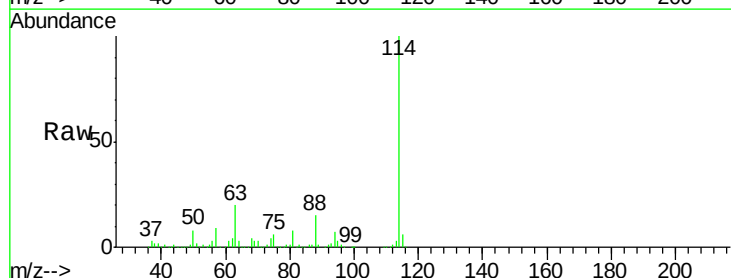
Manual Integrations
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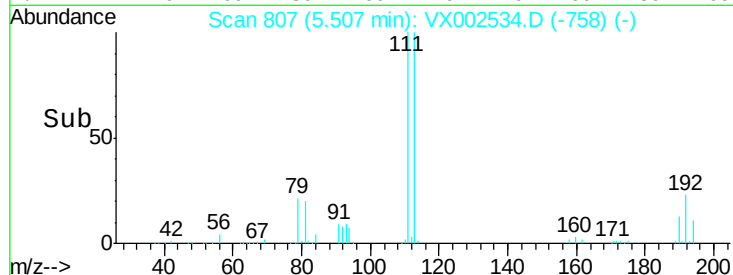
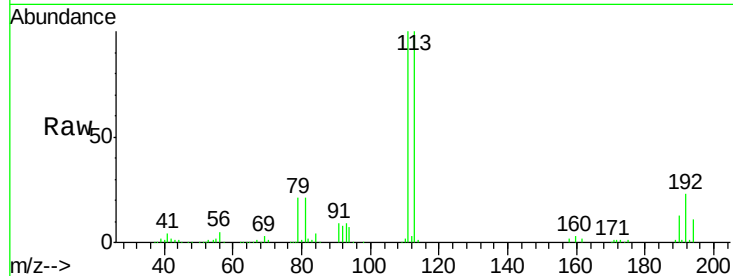
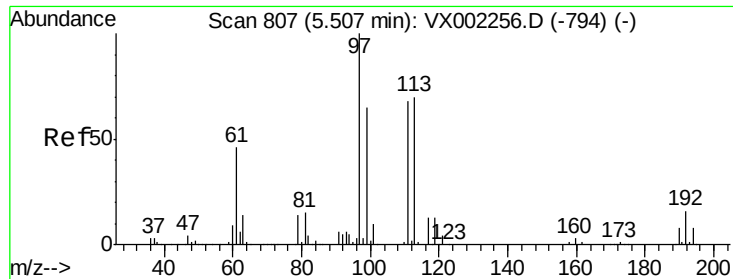
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.1	0.0	30.0





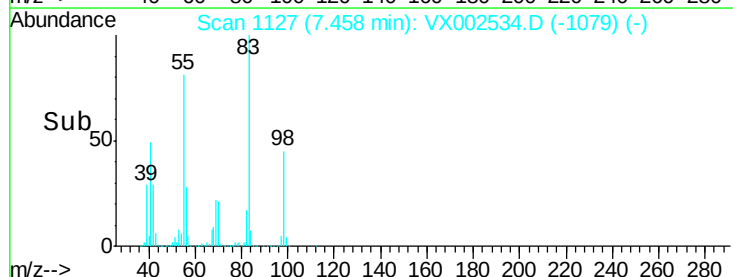
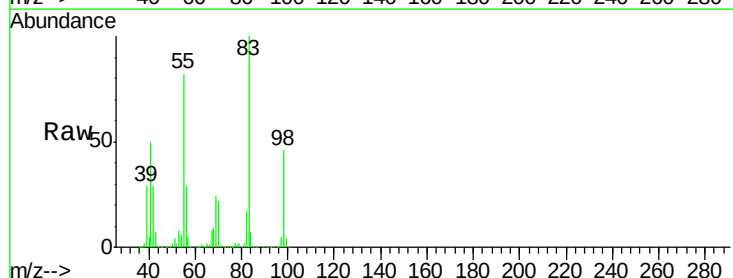
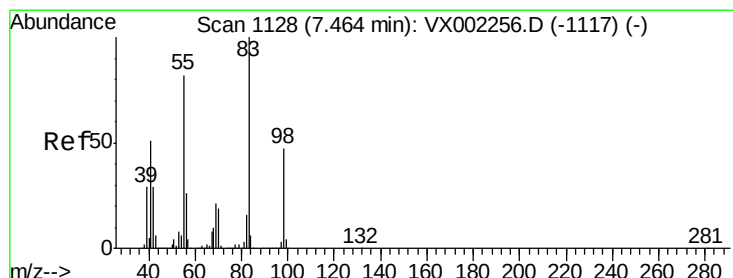
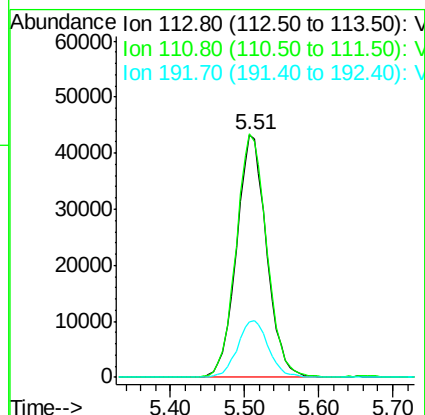
#35
Dibromofluoromethane
Concen: 42.099 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122451		
111	102.5	81.4	122.0	
192	24.2	19.1	28.7	

Instrument :
MSVOA_X
ClientSampled :
B-40VR

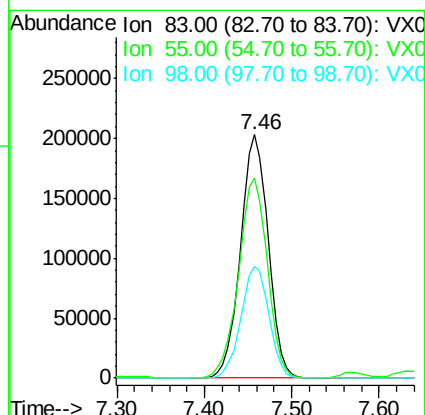
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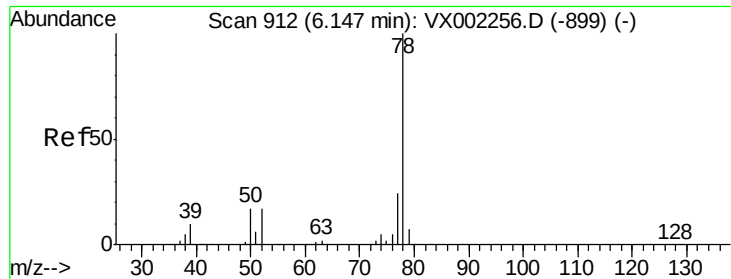
MMDadoda
6/14/2018 11:29:34 AM



#39
Methylcyclohexane
Concen: 92.906 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	447389		
55	81.9	65.4	98.0	
98	46.1	37.4	56.0	





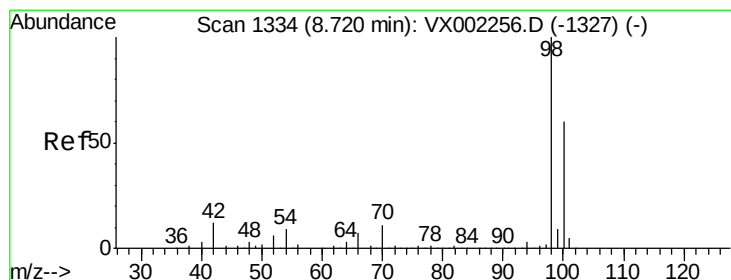
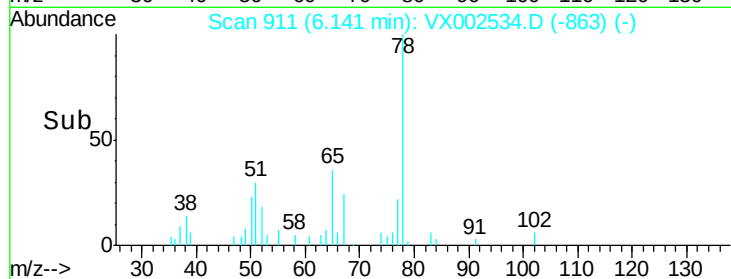
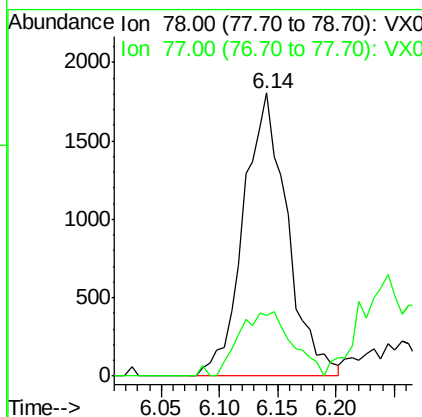
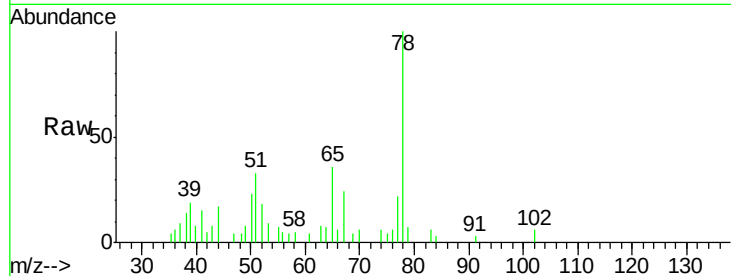
#40
Benzene
Concen: 0.395 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Instrument :
MSVOA_X
ClientSampleId :
B-40VR

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.1	28.7

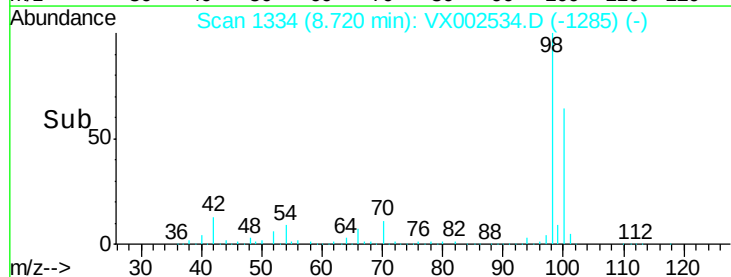
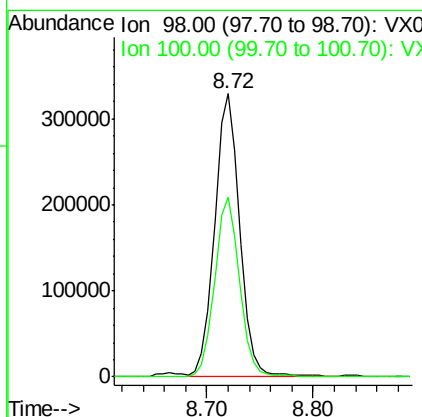
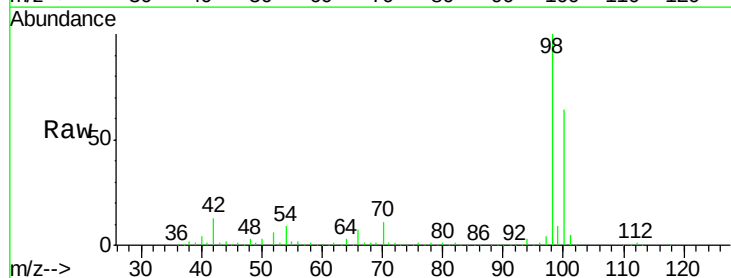
Manual Integrations
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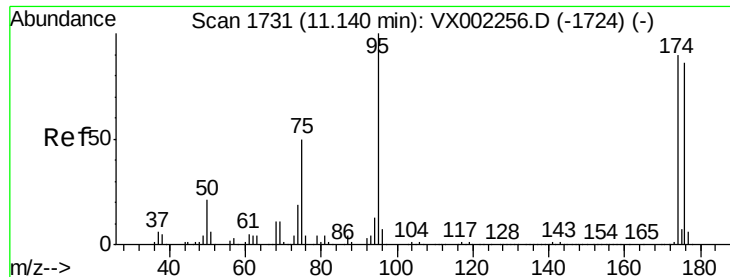
MMDadoda
6/14/2018 11:29:34 AM



#50
Toluene-d8
Concen: 47.308 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 46.135 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

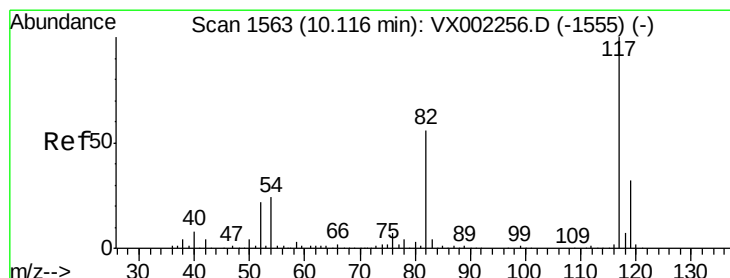
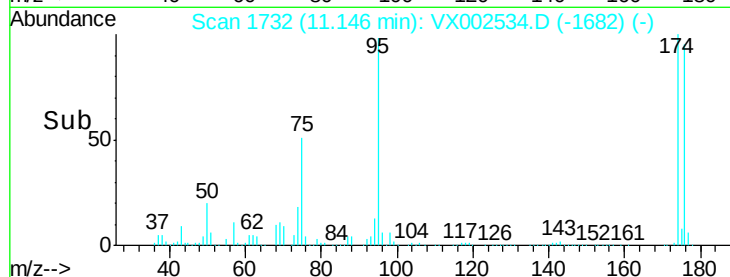
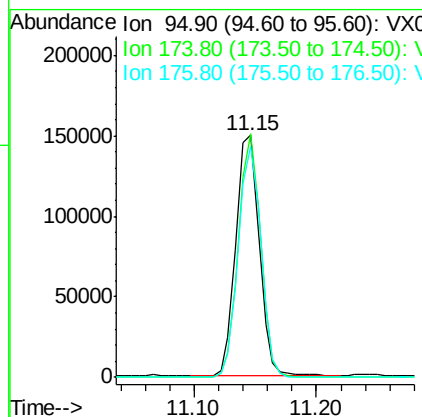
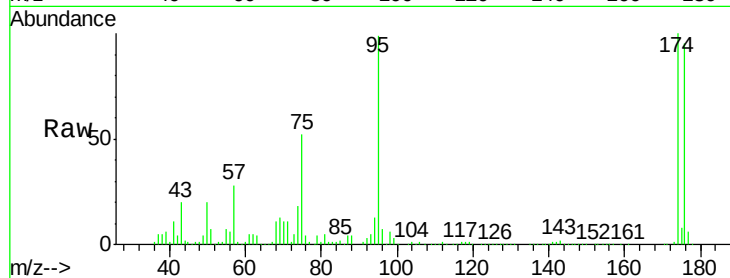
ClientSampled :

B-40VR

Tot Ion:	95	Resp:	198336
Ion Ratio	Lower	Upper	
95	100		
174	95.3	0.0	187.4
176	92.8	0.0	181.0

Manual Integrations
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6/14/2018 11:29:34 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

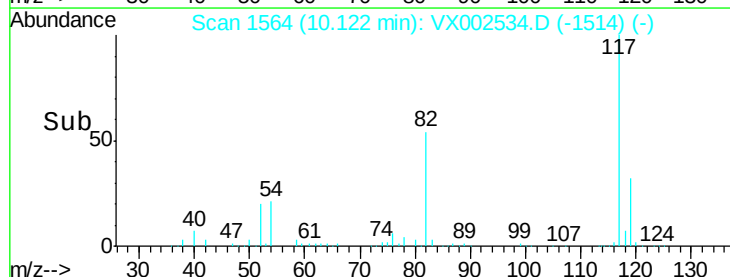
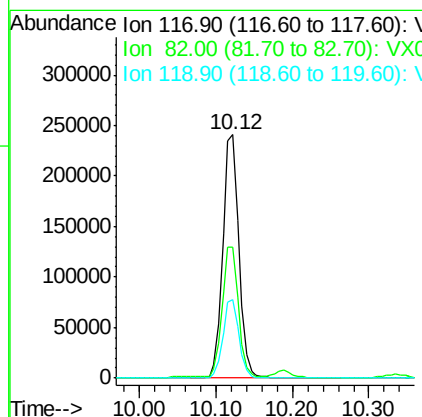
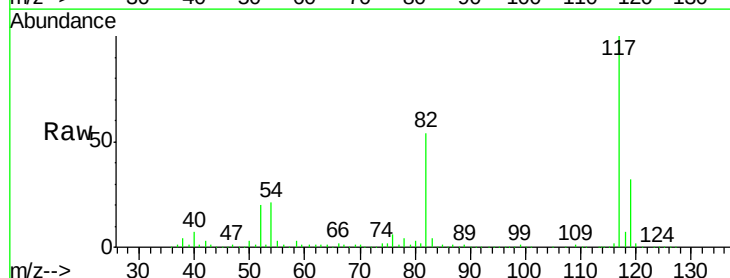
RT: 10.12 min Scan# 1564

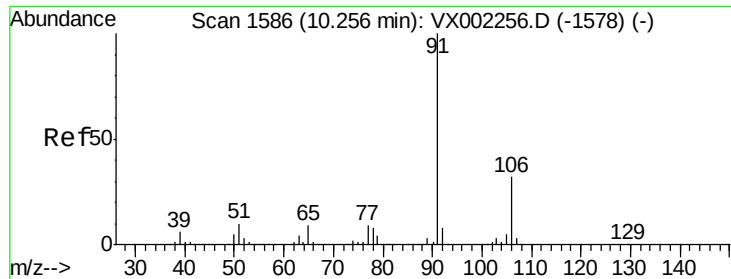
Delta R.T. 0.01 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Tgt Ion:	117	Resp:	348618
Ion Ratio	Lower	Upper	
117	100		
82	53.7	45.0	67.4
119	32.4	25.8	38.6





#67

Ethyl Benzene

Concen: 41.581 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampled :

B-40VR

Tot Ion: 91 Resp: 603639

Ion Ratio Lower Upper

91 100

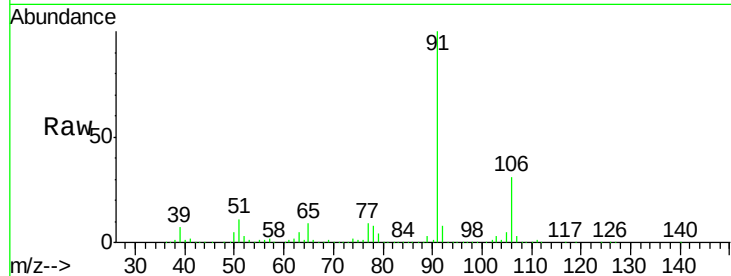
106 31.2 25.5 38.3

Manual Integrations

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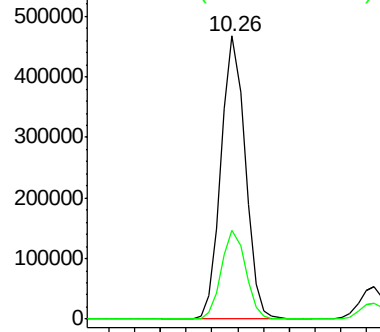
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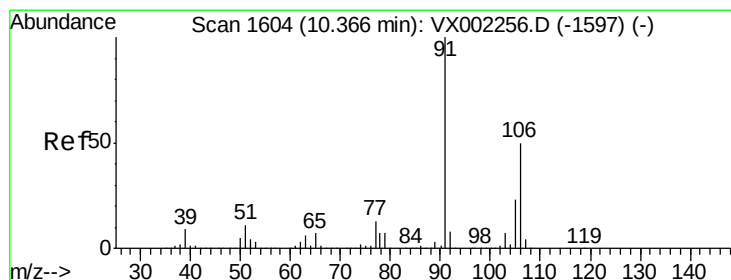
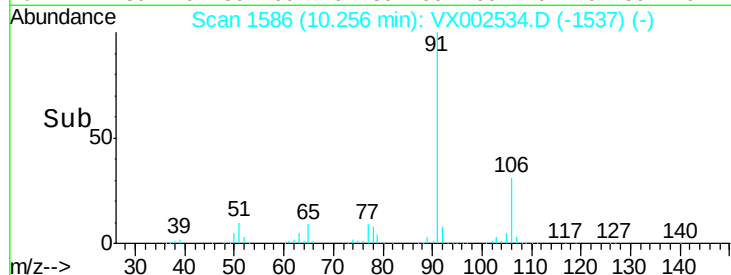


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 6.590 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002534.D

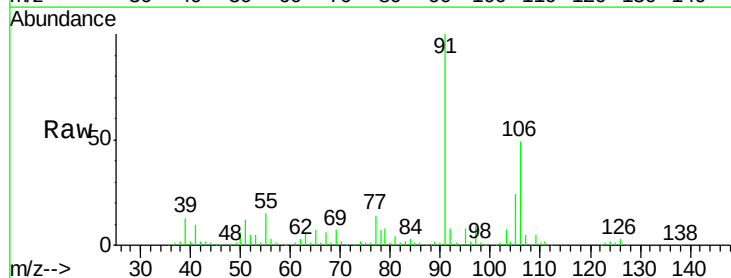
Acq: 14 Jun 2018 03:35

Tgt Ion: 106 Resp: 37190

Ion Ratio Lower Upper

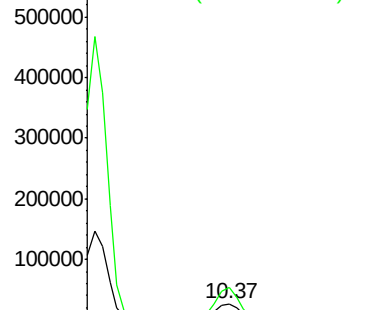
106 100

91 195.2 163.4 245.2

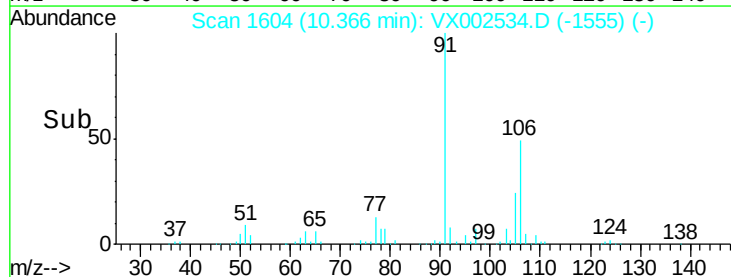


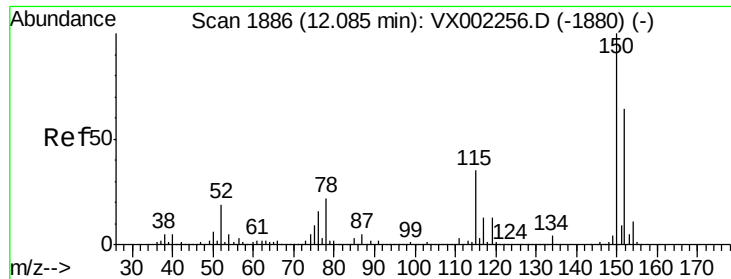
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

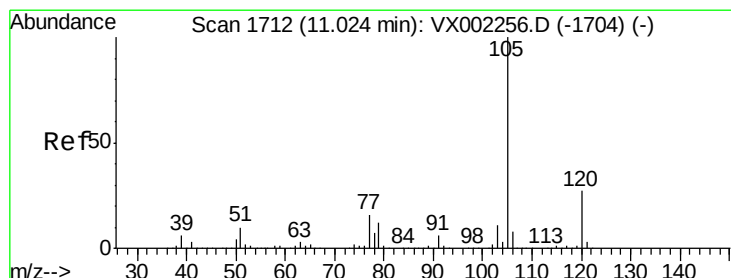
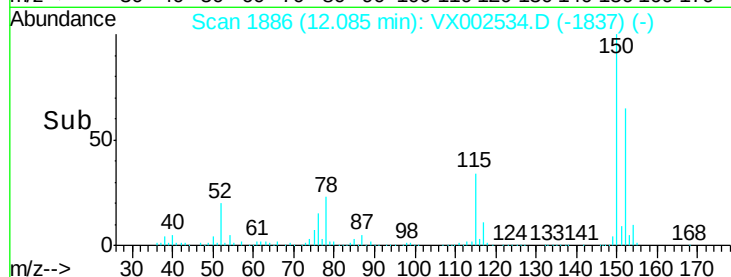
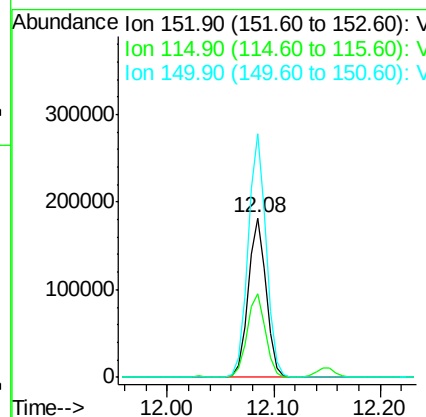
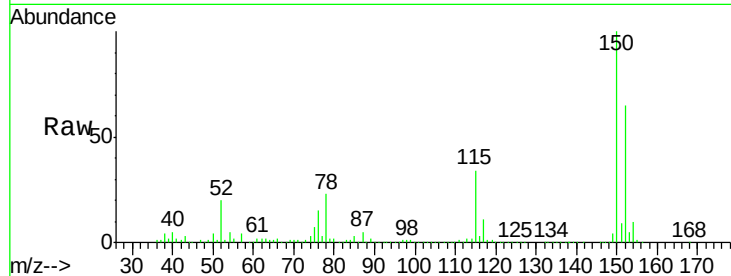
ClientSampled :

B-40VR

Tot Ion:	152	Resp:	21357
Ion Ratio	Lower	Upper	
152	100		
115	53.5	40.1	120.2
150	154.2	0.0	347.2

Manual Integrations
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6/14/2018 11:29:34 AM



#73

Isopropylbenzene

Concen: 5.751 ug/l

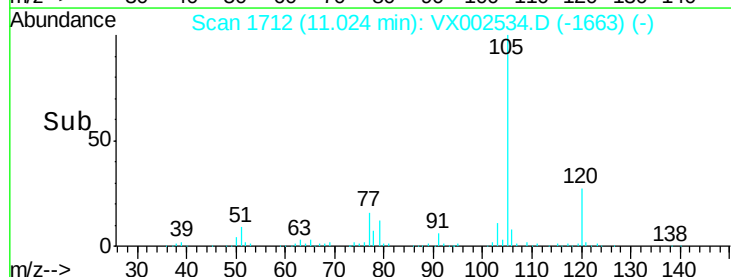
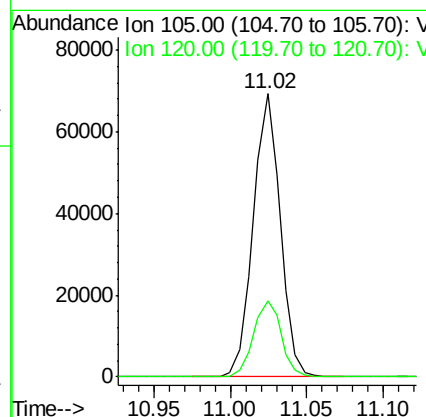
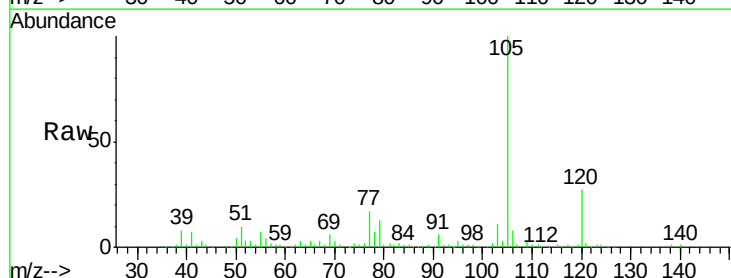
RT: 11.02 min Scan# 1712

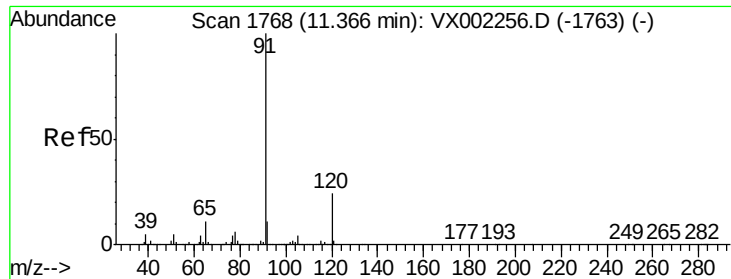
Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Tgt Ion:	105	Resp:	85436
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.5	40.4





#78

n-propylbenzene

Concen: 28.087 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002534.D

Acq: 14 Jun 2018 03:35

Instrument :

MSVOA_X

ClientSampled :

B-40VR

Tot Ion: 91 Resp: 463772

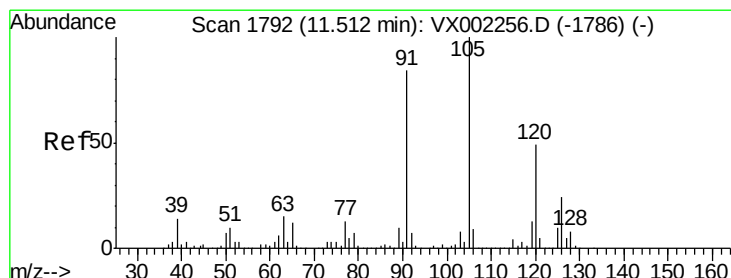
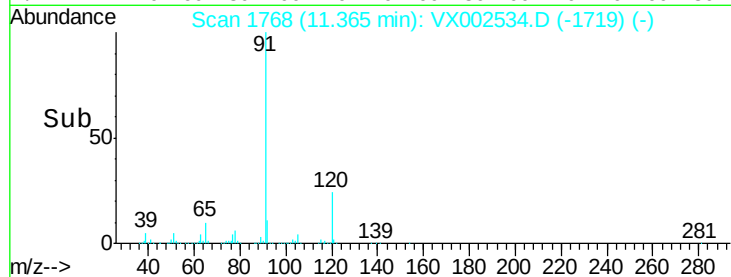
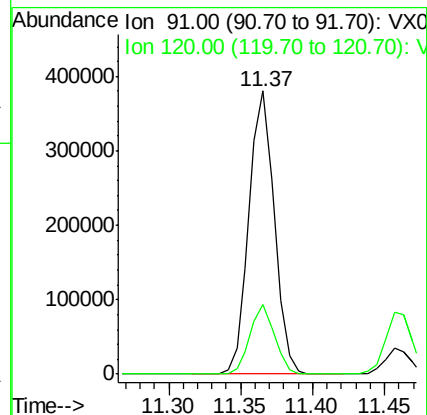
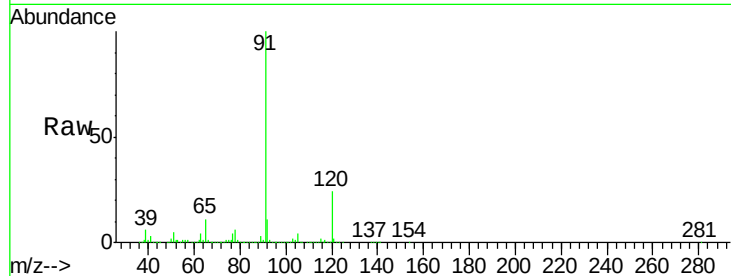
Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 39.021 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002534.D

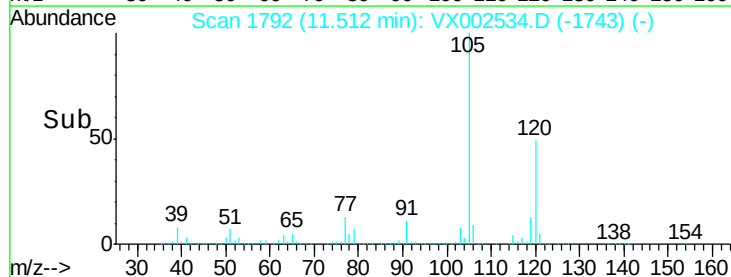
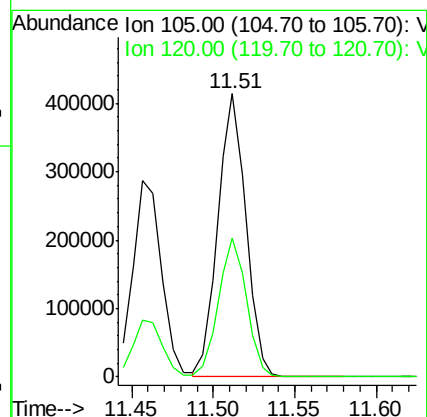
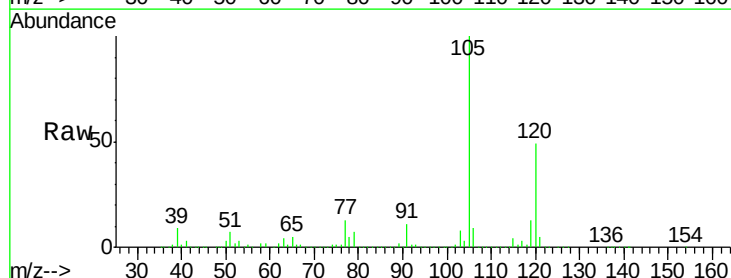
Acq: 14 Jun 2018 03:35

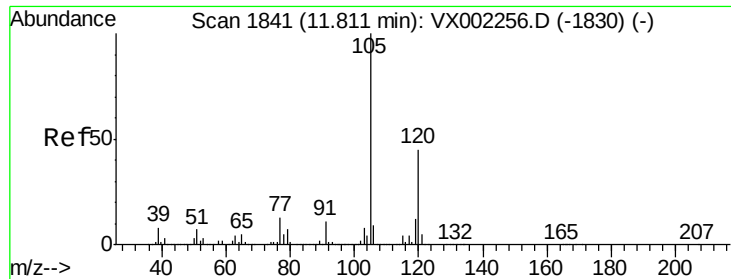
Tgt Ion: 105 Resp: 497221

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





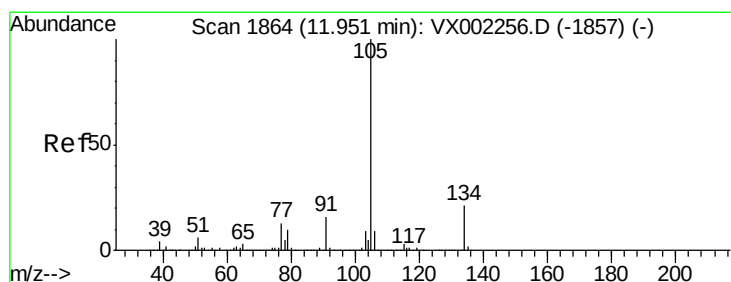
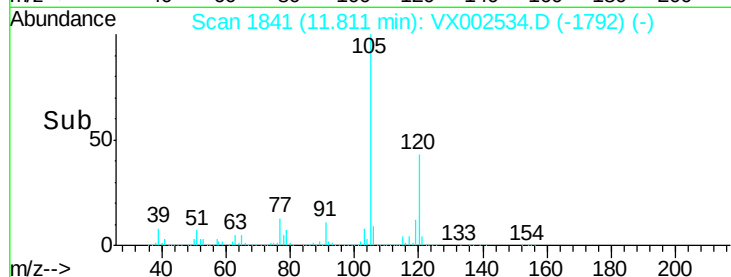
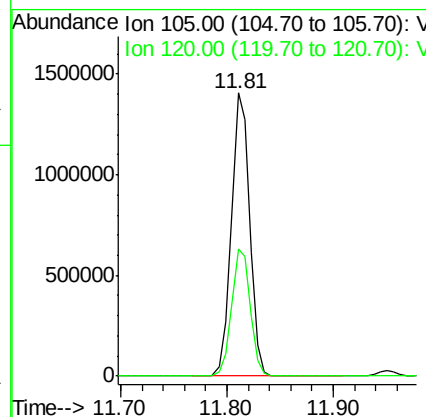
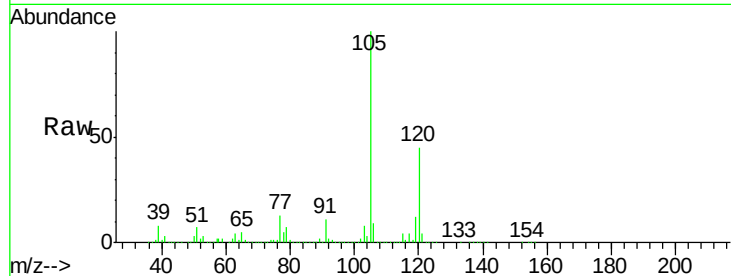
#84
 1,2,4-Trimethylbenzene
 Concen: 129.507 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Instrument :
 MSVOA_X
 ClientSampled :
 B-40VR

Tot Ion:105 Resp: 1698712
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8

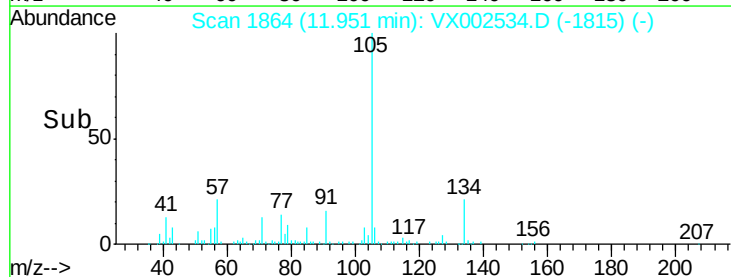
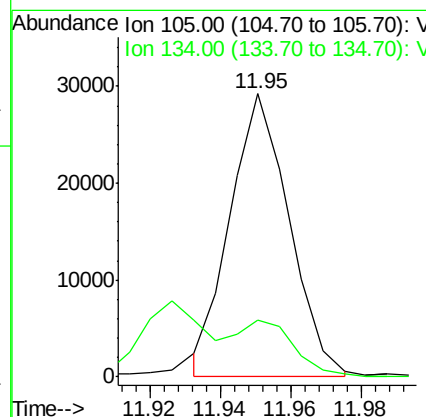
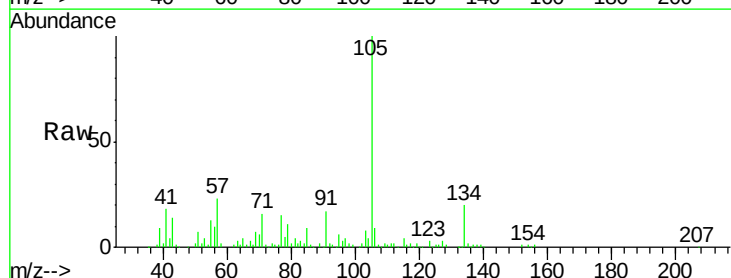
Manual Integrations
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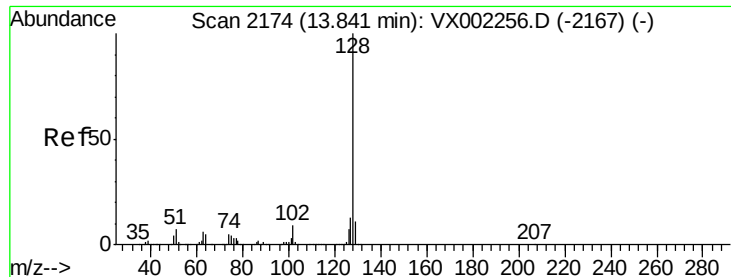
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#85
 sec-Butylbenzene
 Concen: 2.350 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002534.D
 Acq: 14 Jun 2018 03:35

Tgt Ion:105 Resp: 34178
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





#95
Naphthalene
Concen: 13.665 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002534.D
Acq: 14 Jun 2018 03:35

Instrument :
MSVOA_X
ClientSampleId :
B-40VR

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.9	8.6	13.0

Manual Integrations
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6/14/2018 11:29:34 AM

