

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004742.D
 Acq On : 27 Sep 2018 00:11
 Operator : JC/MD
 Sample : J5020-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:50:48 PM

Quant Time: Sep 27 05:47:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199142	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	5.50	113	168339	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	8.72	98	528264	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	189393	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	14200	6.749	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	82155	8.712	ug/l	96
31) Cyclohexane	5.58	56	7163	1.562	ug/l	86
39) Methylcyclohexane	7.46	83	5231	1.211	ug/l	96
69) o-Xylene	10.70	106	1421	0.277	ug/l	98
73) Isopropylbenzene	11.02	105	24213	1.904	ug/l	99
78) n-propylbenzene	11.36	91	14622	1.002	ug/l	99
83) tert-Butylbenzene	11.77	119	14149	1.352	ug/l	82
85) sec-Butylbenzene	11.94	105	37912	2.973	ug/l	80
89) n-Butylbenzene	12.39	91	7752m	0.739	ug/l	
95) Naphthalene	13.83	128	6087	1.077	ug/l #	51

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

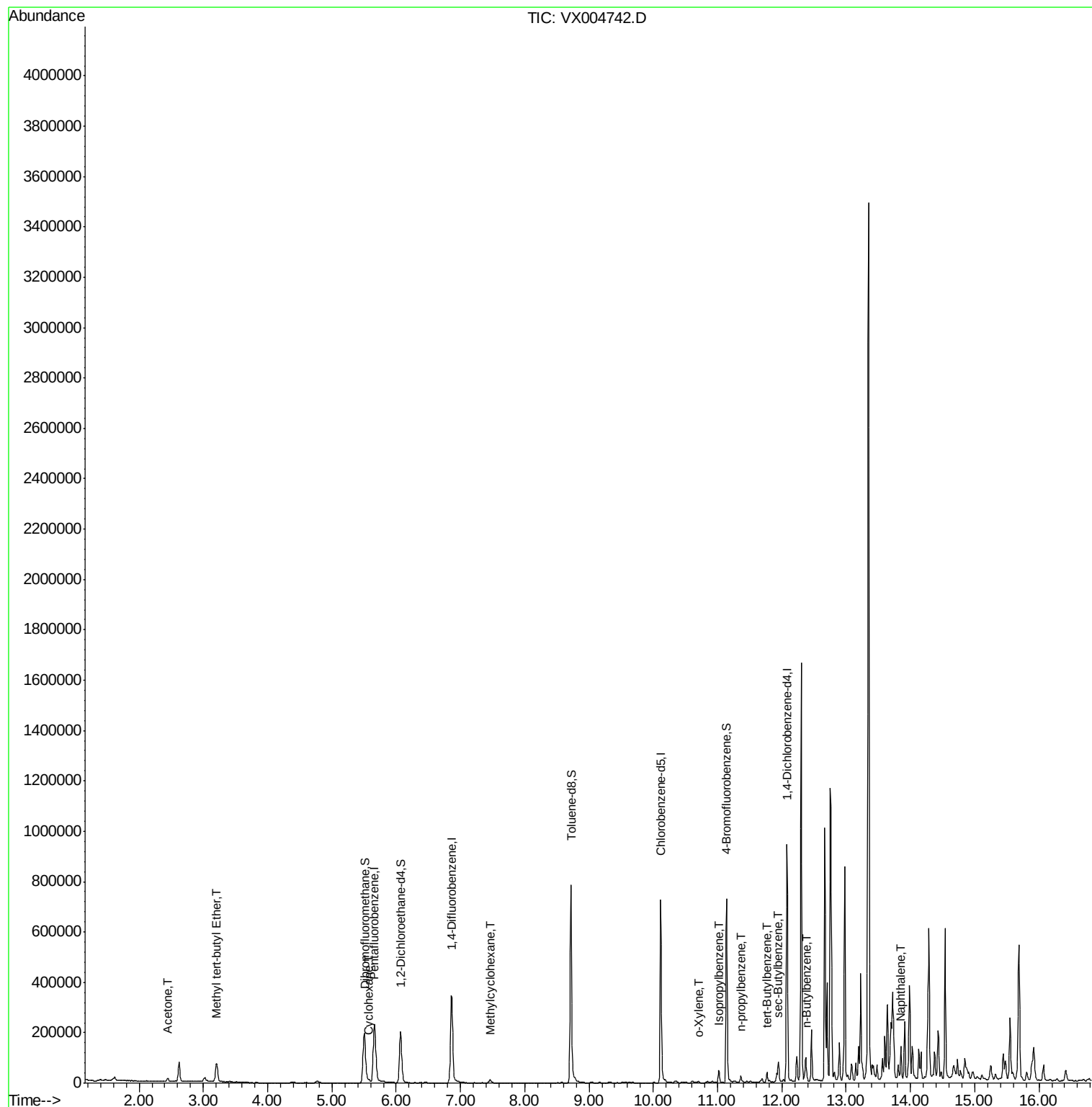
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

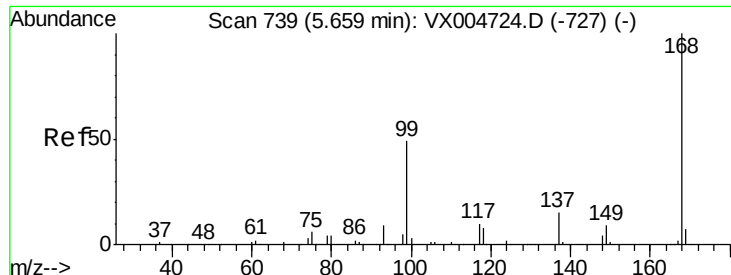
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

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9/27/2018 12:50:48 PM

Quant Time: Sep 27 05:47:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004742.D

Acq: 27 Sep 2018 00:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918

Tot Ion:168 Resp: 252298

Ion Ratio Lower Upper

168 100

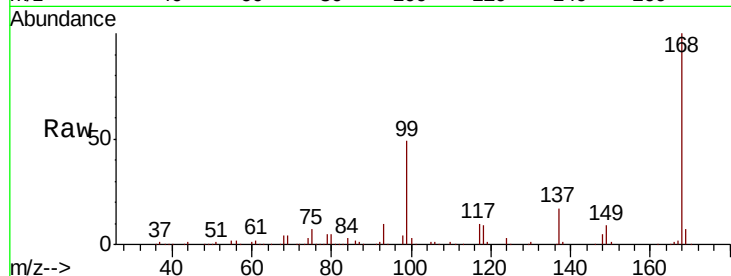
99 49.5 39.9 59.9

Manual Integrations

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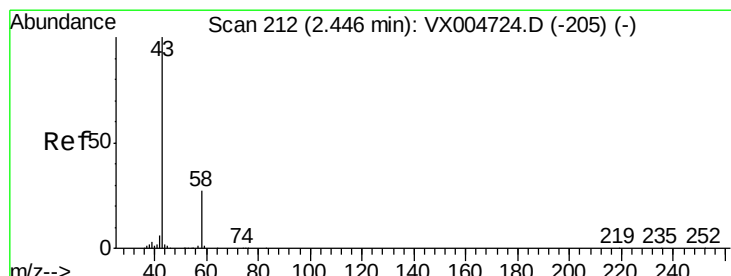
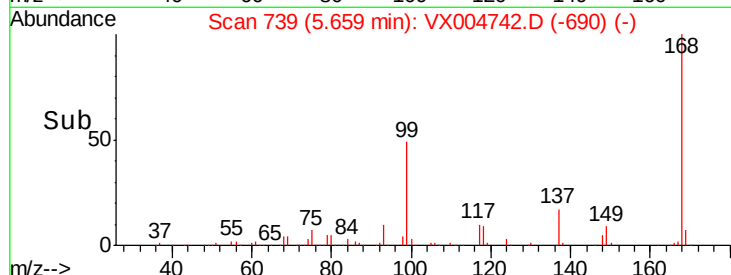
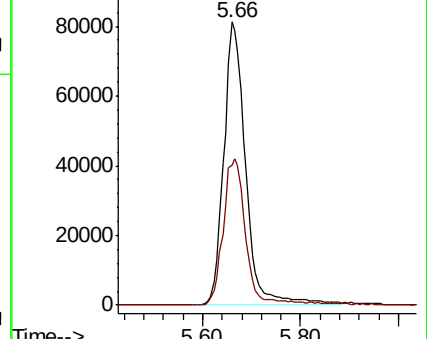
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.749 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004742.D

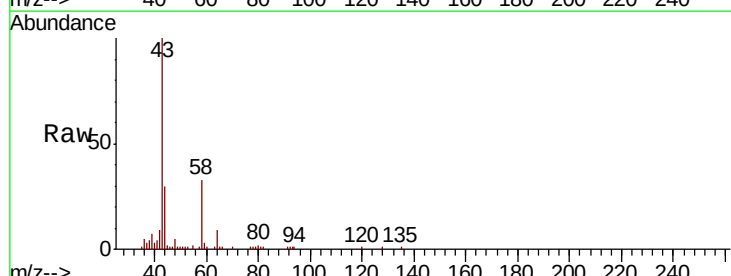
Acq: 27 Sep 2018 00:11

Tgt Ion: 43 Resp: 14200

Ion Ratio Lower Upper

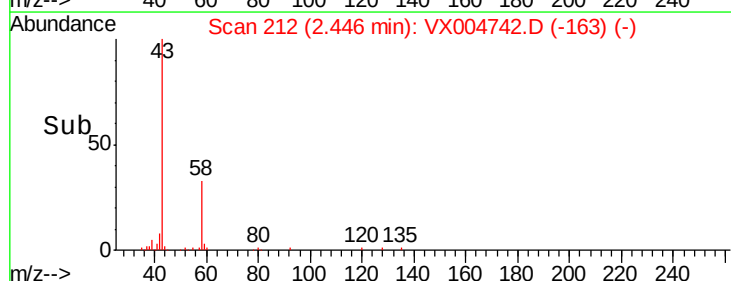
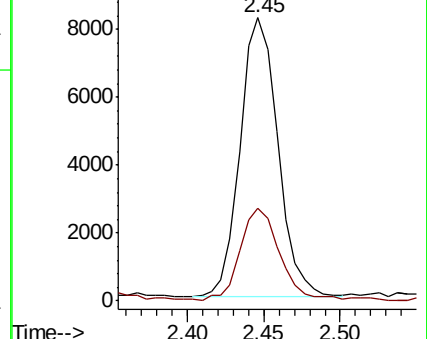
43 100

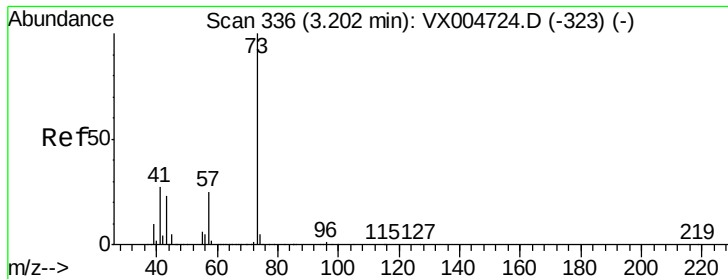
58 32.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





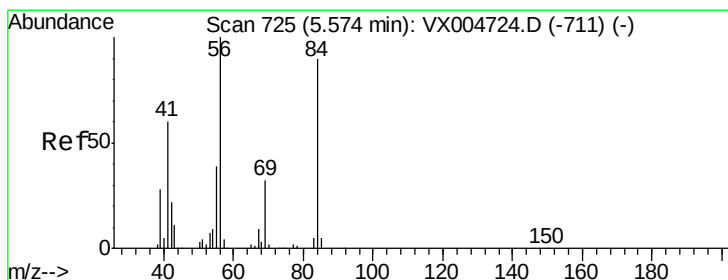
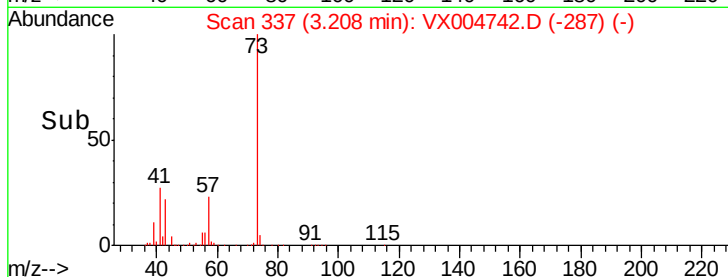
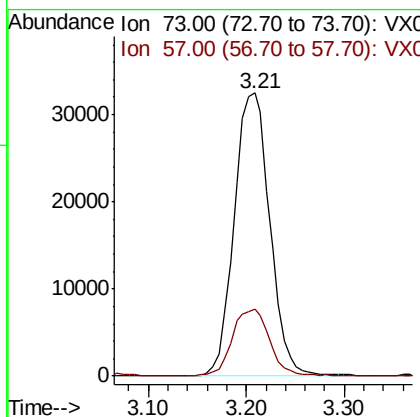
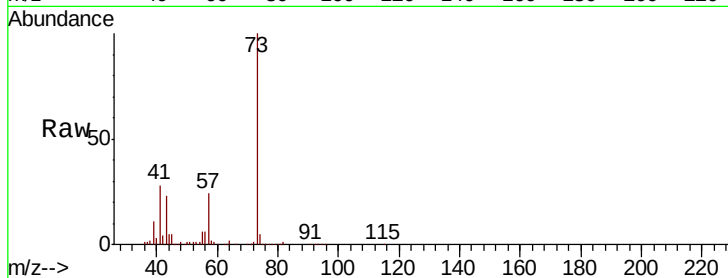
#19
Methyl tert-butyl Ether
Concen: 8.712 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.1	25.7

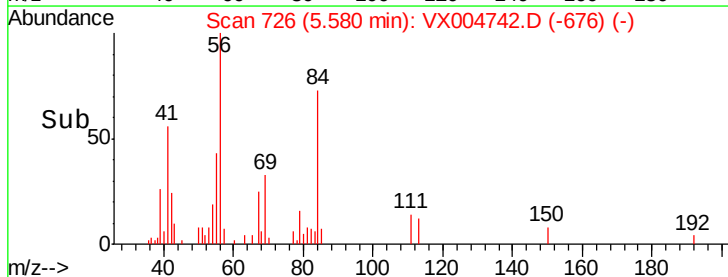
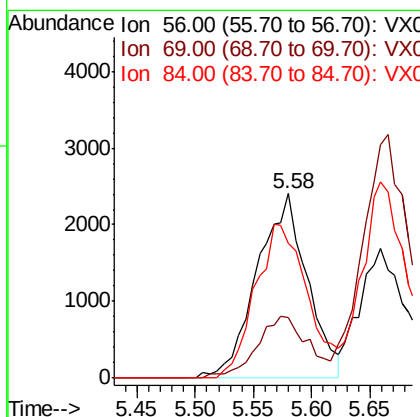
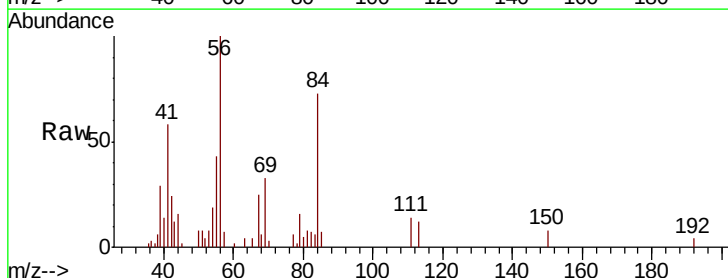
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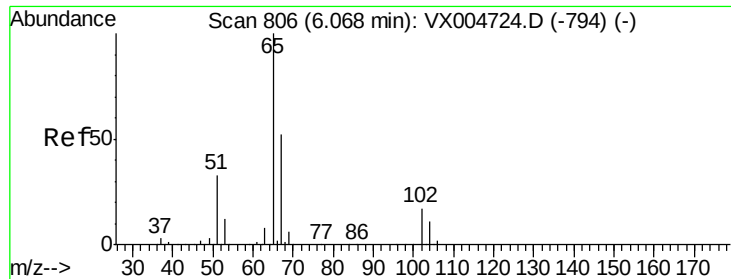
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#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.2
84	73.0	71.4	107.2





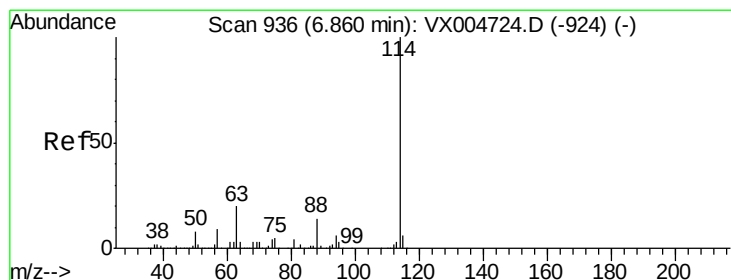
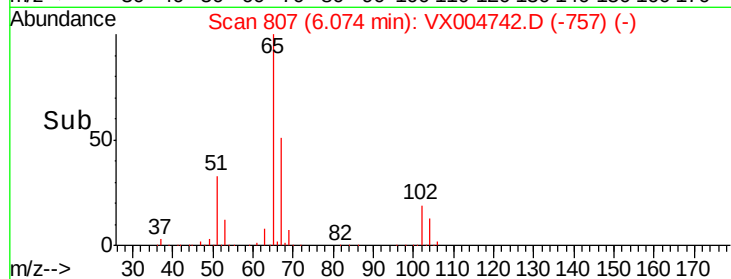
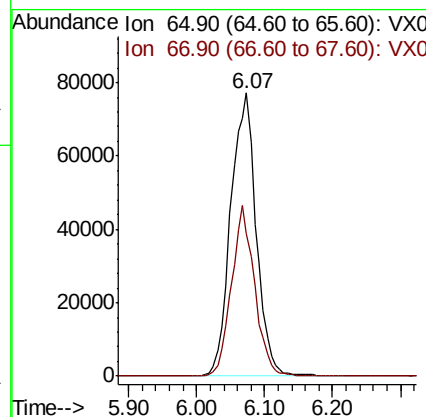
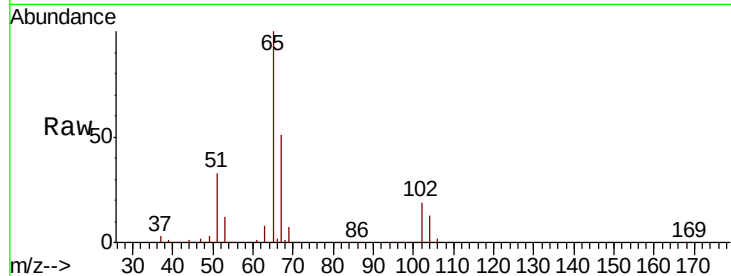
#33
 1,2-Dichloroethane-d4
 Concen: 55.255 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004742.D
 Acq: 27 Sep 2018 00:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199142		
67	55.2	0.0	106.8	

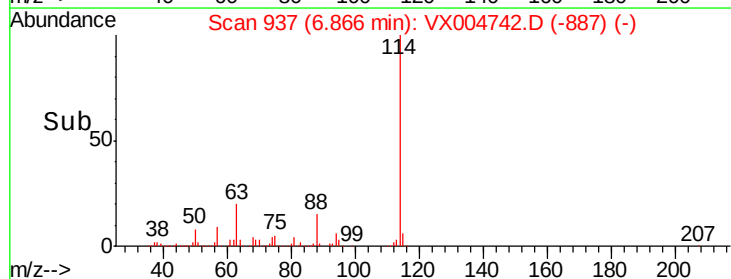
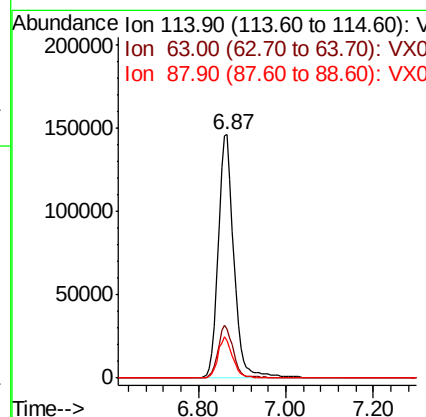
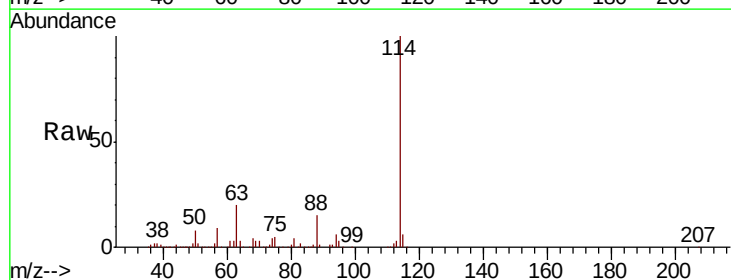
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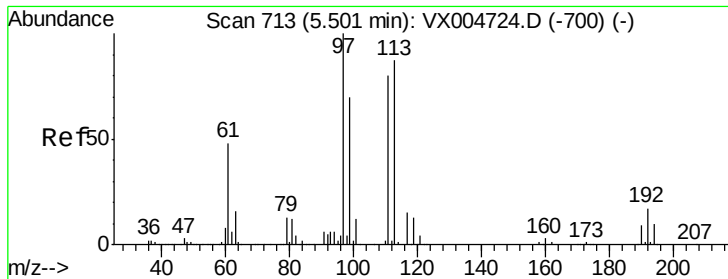
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004742.D
 Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	365903		
63	20.2	0.0	39.0	
88	15.3	0.0	30.4	





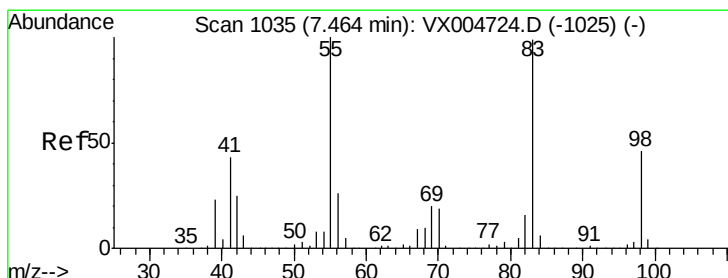
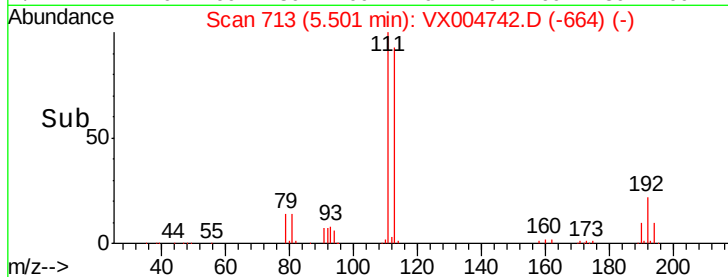
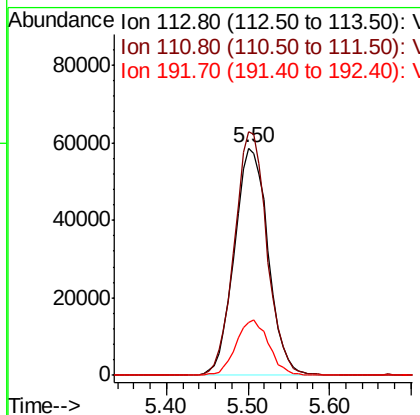
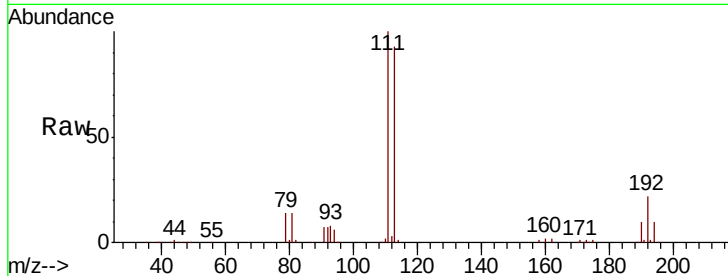
#35
 Dibromofluoromethane
 Concen: 54.284 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004742.D
 Acq: 27 Sep 2018 00:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	23.9	19.4	29.2

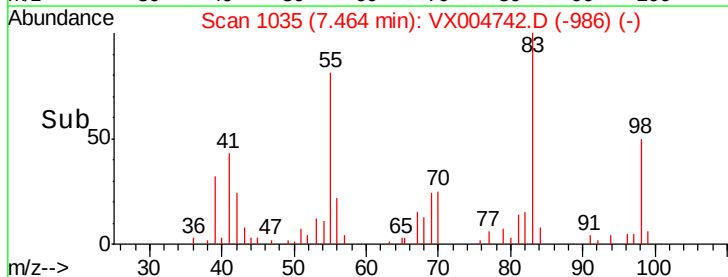
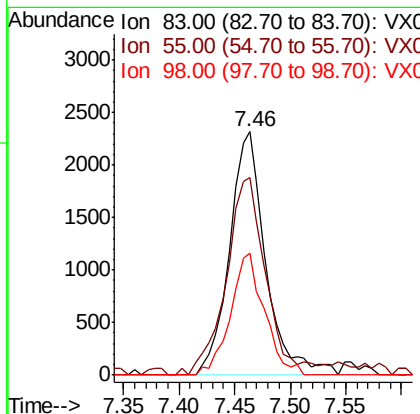
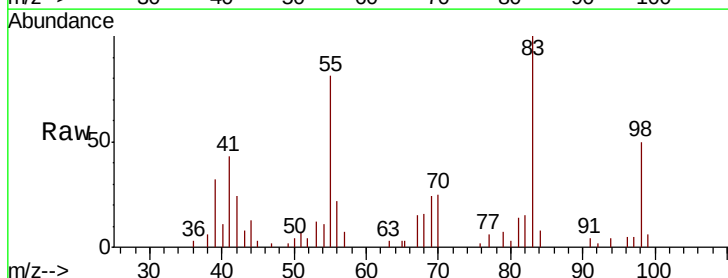
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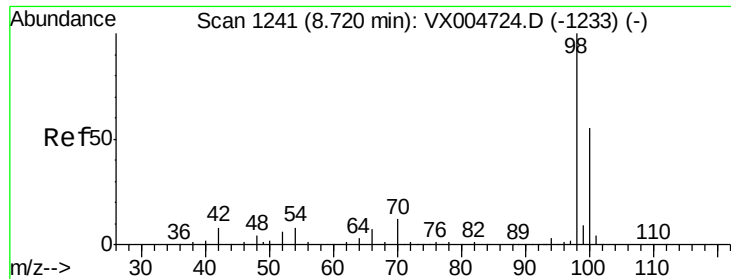
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#39
 Methylcyclohexane
 Concen: 1.211 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004742.D
 Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.2	61.0	91.4
98	50.4	39.6	59.4





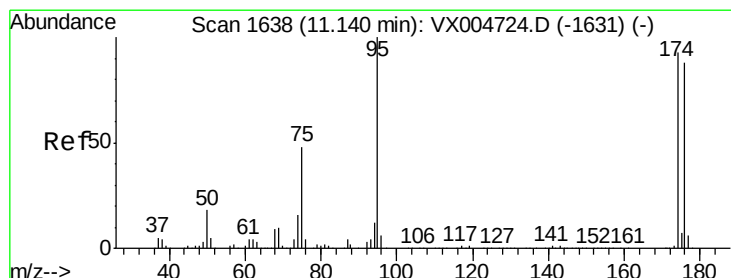
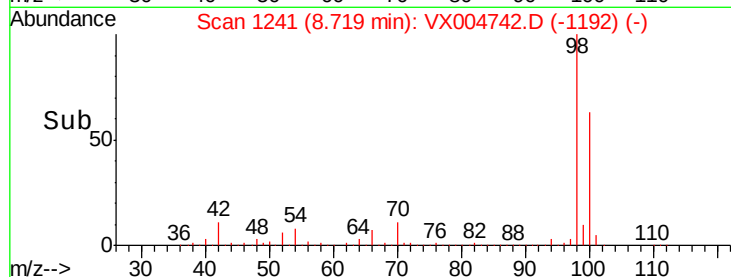
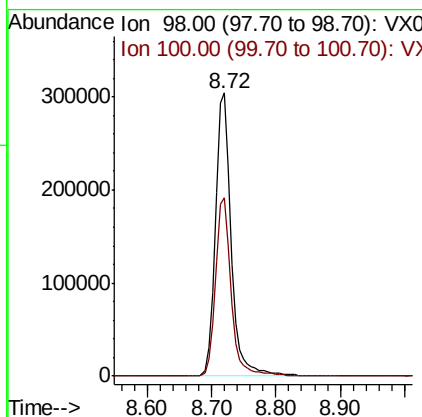
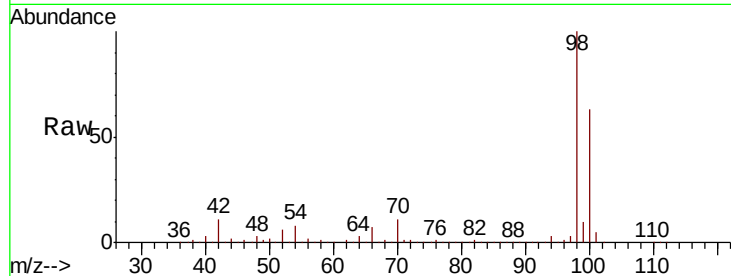
#50
Toluene-d8
Concen: 51.241 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	62.8	52.9	79.3	

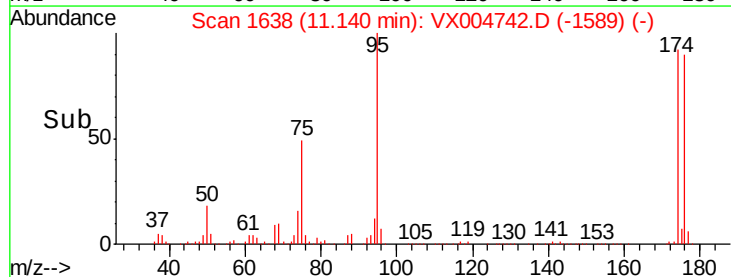
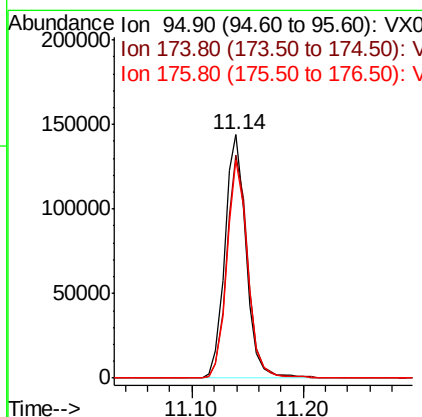
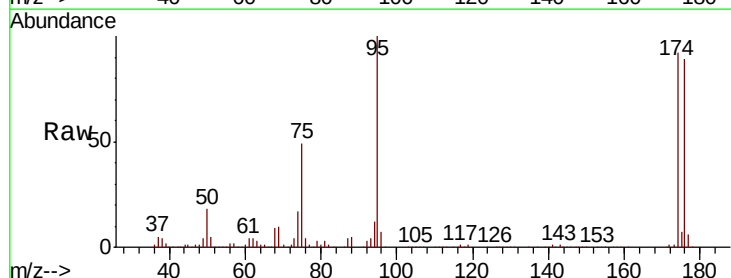
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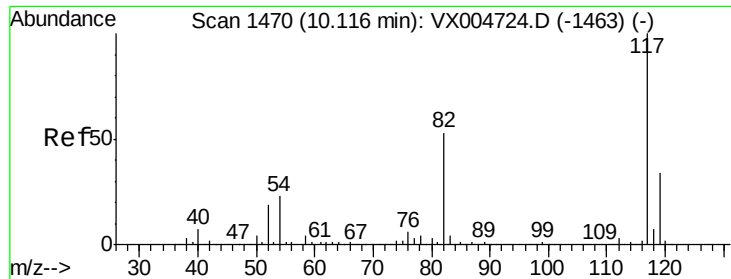
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#62
4-Bromofluorobenzene
Concen: 50.994 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	91.1	0.0	185.2	
176	87.6	0.0	178.6	





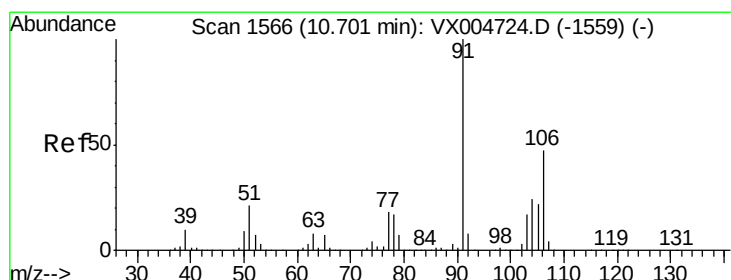
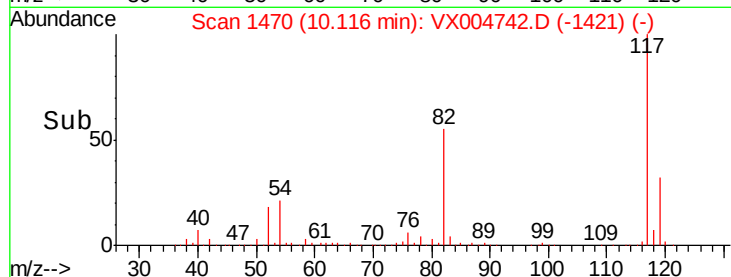
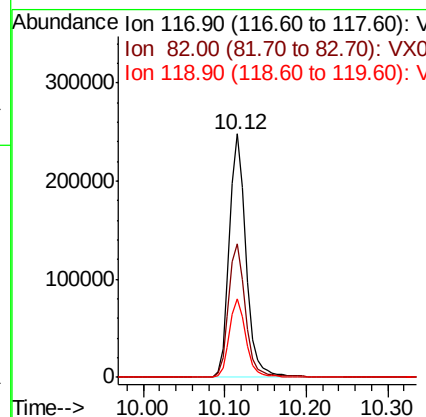
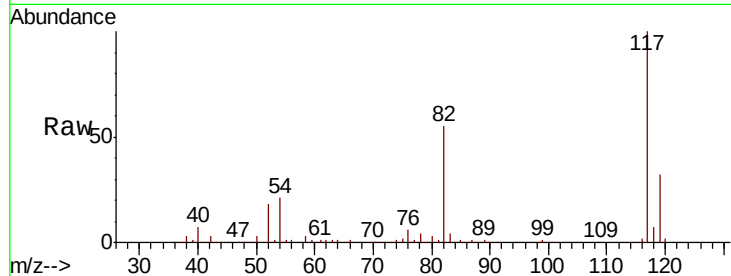
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.6
119	32.0	29.3	43.9

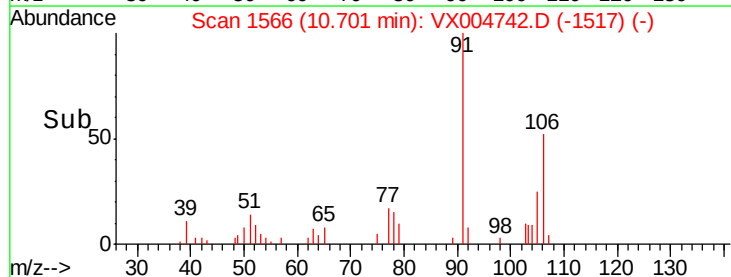
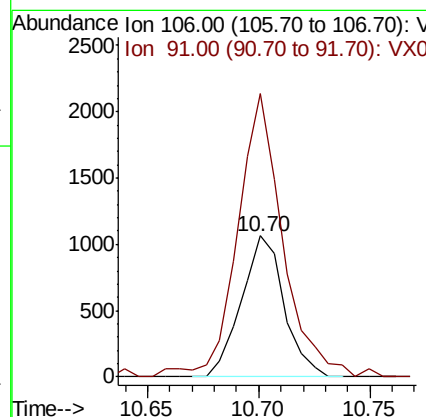
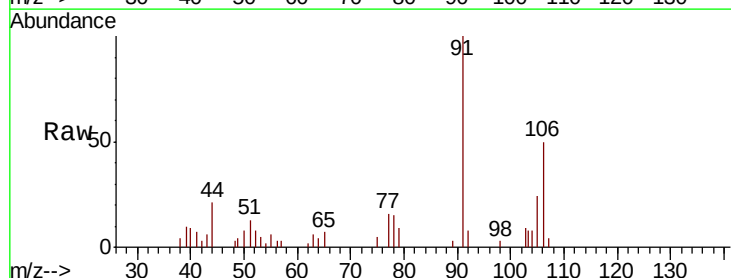
Manual Integrations
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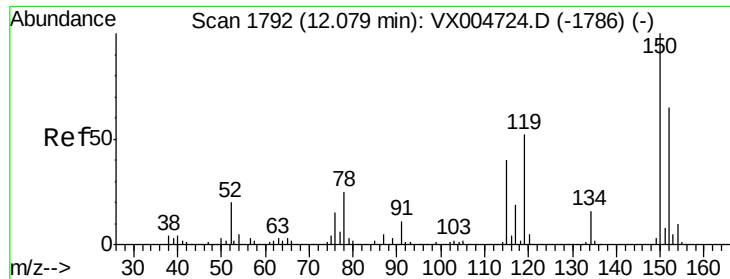
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#69
o-Xylene
Concen: 0.277 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.0	105.1	315.1





#72

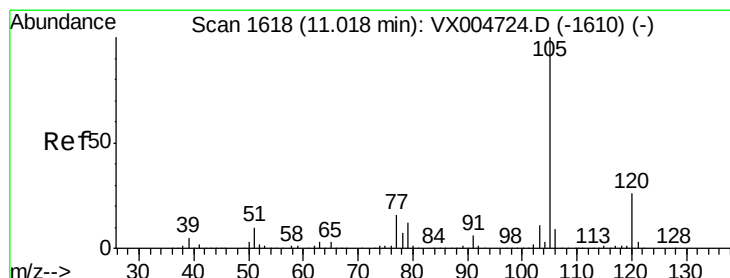
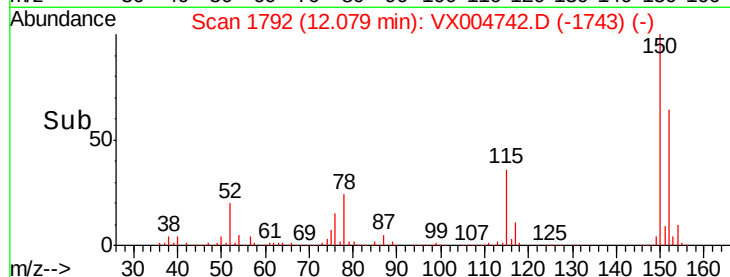
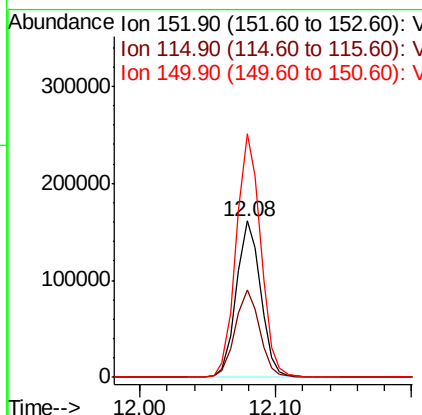
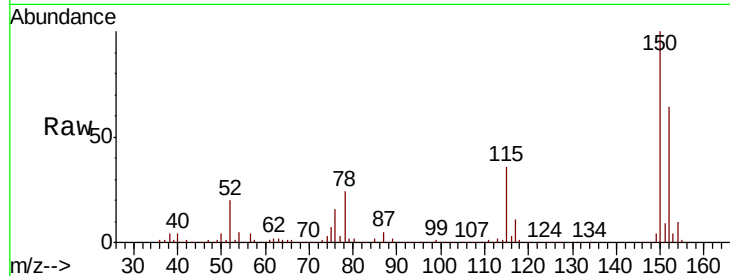
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	117.0
150	156.1	0.0	351.0

Manual Integrations
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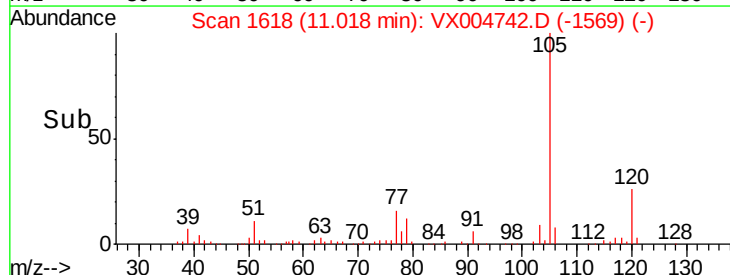
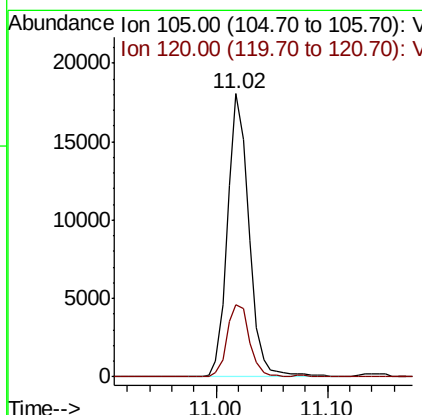
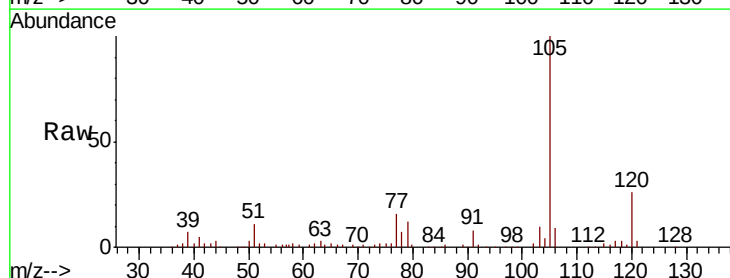
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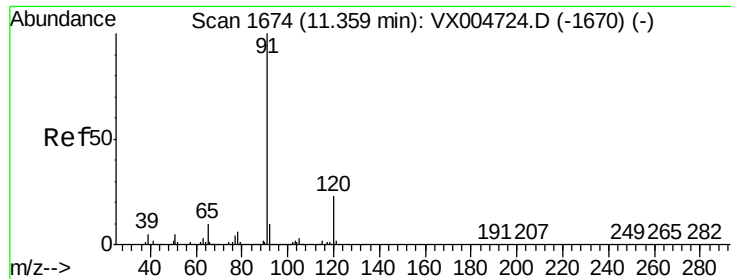


#73

Isopropylbenzene
Concen: 1.904 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4





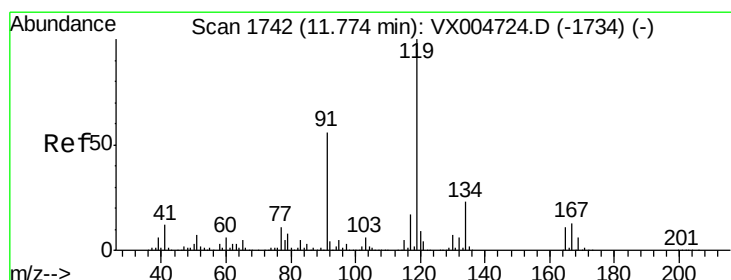
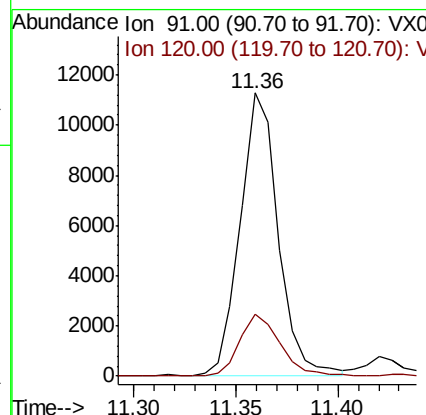
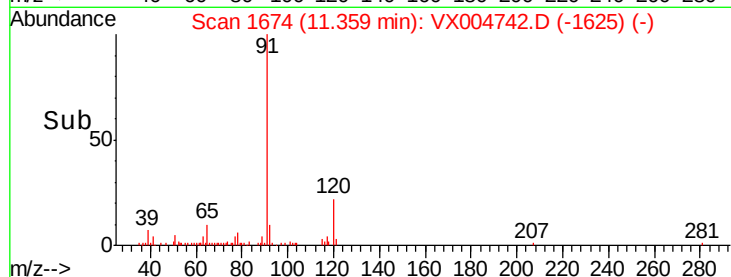
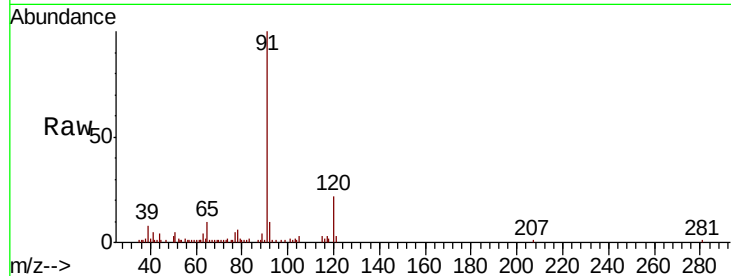
#78
n-propylbenzene
Concen: 1.002 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.9

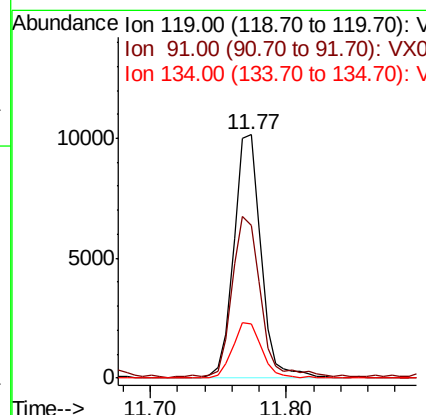
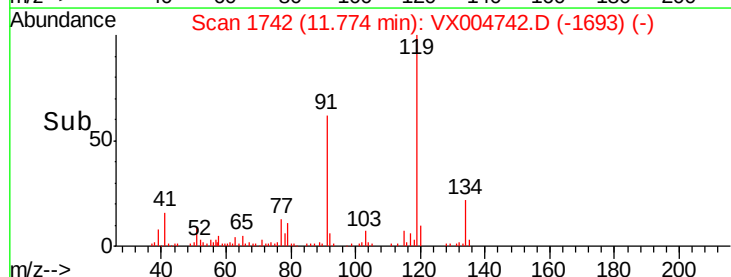
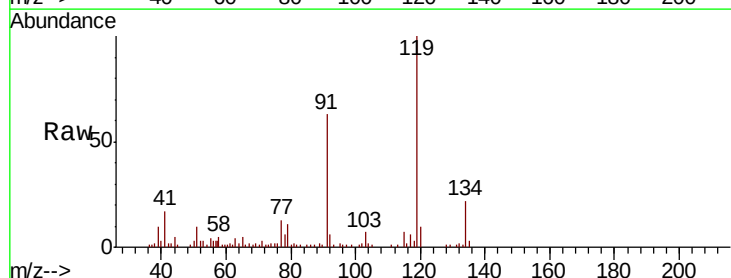
Manual Integrations
APPROVED

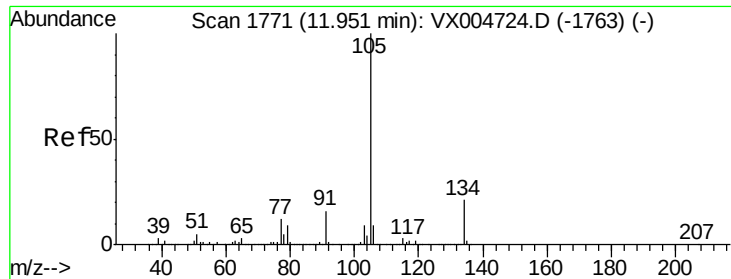
MMDadoda
9/27/2018 12:50:48 PM



#83
tert-Butylbenzene
Concen: 1.352 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.8	27.0	81.0
134	23.9	11.7	35.1





#85

sec-Butylbenzene

Concen: 2.973 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004742.D

Acq: 27 Sep 2018 00:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-091918

Tot Ion:105 Resp: 37912

Ion Ratio Lower Upper

105 100

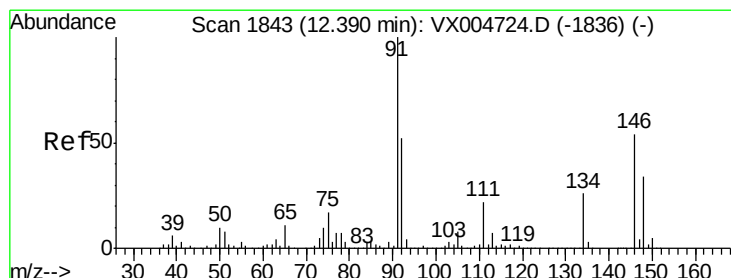
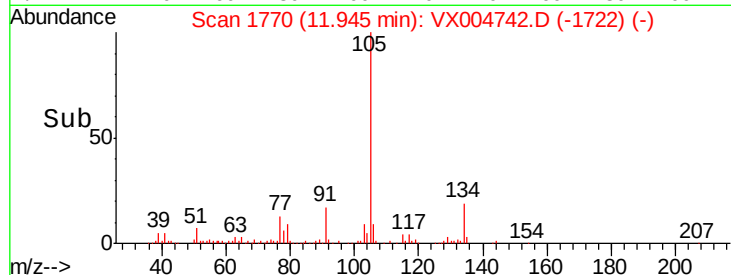
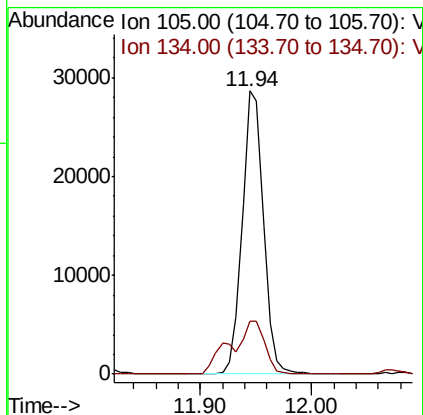
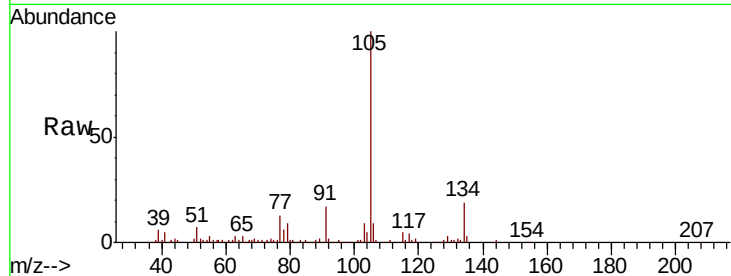
134 30.2 10.5 31.5

Manual Integrations

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9/27/2018 12:50:48 PM



#89

n-Butylbenzene

Concen: 0.739 ug/l m

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004742.D

Acq: 27 Sep 2018 00:11

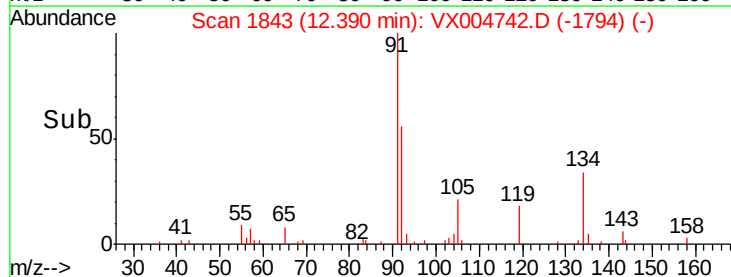
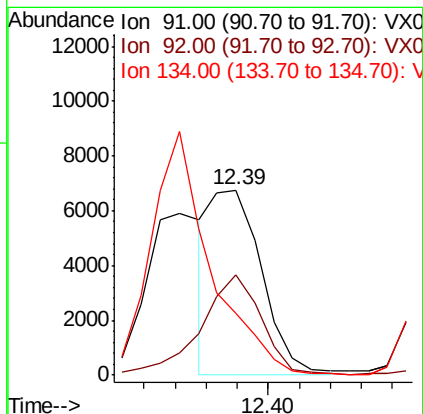
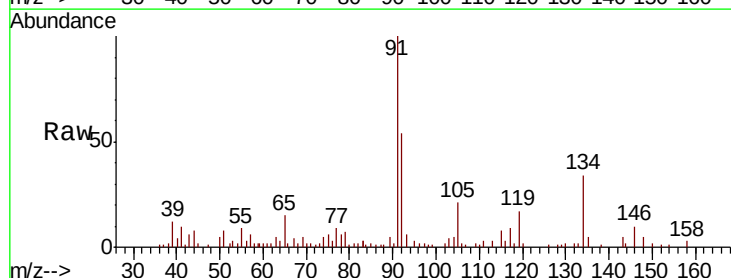
Tgt Ion: 91 Resp: 7752

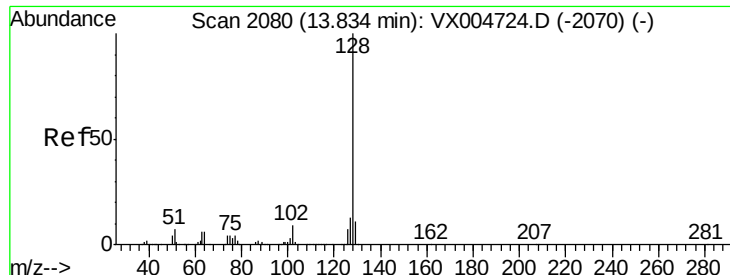
Ion Ratio Lower Upper

91 100

92 64.7 27.3 81.9

134 152.1 13.6 40.7#





#95
Naphthalene
Concen: 1.077 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004742.D
Acq: 27 Sep 2018 00:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-091918

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	36.3	8.6	12.8#

Manual Integrations
APPROVED

MMDadoda
9/27/2018 12:50:48 PM

