

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021519\
 Data File : VX007552.D
 Acq On : 14 Feb 2019 18:08
 Operator : JC/SP
 Sample : K1474-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW077-190211

Manual Integrations
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MMDadoda
 2/15/2019 10:10:21 AM

Quant Time: Feb 15 06:10:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	502310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	784042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	268046	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	251281	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	968114	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	377547	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	37115	33.638	ug/l #	73
16) Acetone	2.45	43	9479	3.881	ug/l	89
19) Methyl tert-butyl Ether	3.20	73	650187	41.845	ug/l	91
31) Cyclohexane	5.59	56	62072	8.372	ug/l #	92
39) Methylcyclohexane	7.46	83	96835	11.377	ug/l #	72
40) Benzene	6.15	78	333610	16.099	ug/l	98
52) Toluene	8.79	92	9596	0.718	ug/l	93
67) Ethyl Benzene	10.25	91	27914	1.034	ug/l	100
68) m/p-Xylenes	10.36	106	7827	0.729	ug/l	91
69) o-Xylene	10.70	106	13358	1.294	ug/l	96
73) Isopropylbenzene	11.02	105	1123481	43.071	ug/l	100
78) n-propylbenzene	11.36	91	2341327	81.856	ug/l	99
83) tert-Butylbenzene	11.77	119	23560	1.115	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	59271	2.736	ug/l	97
85) sec-Butylbenzene	11.94	105	355737	13.911	ug/l	96
89) n-Butylbenzene	12.38	91	166853m	8.403	ug/l	
95) Naphthalene	13.83	128	116672	4.507	ug/l #	90

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

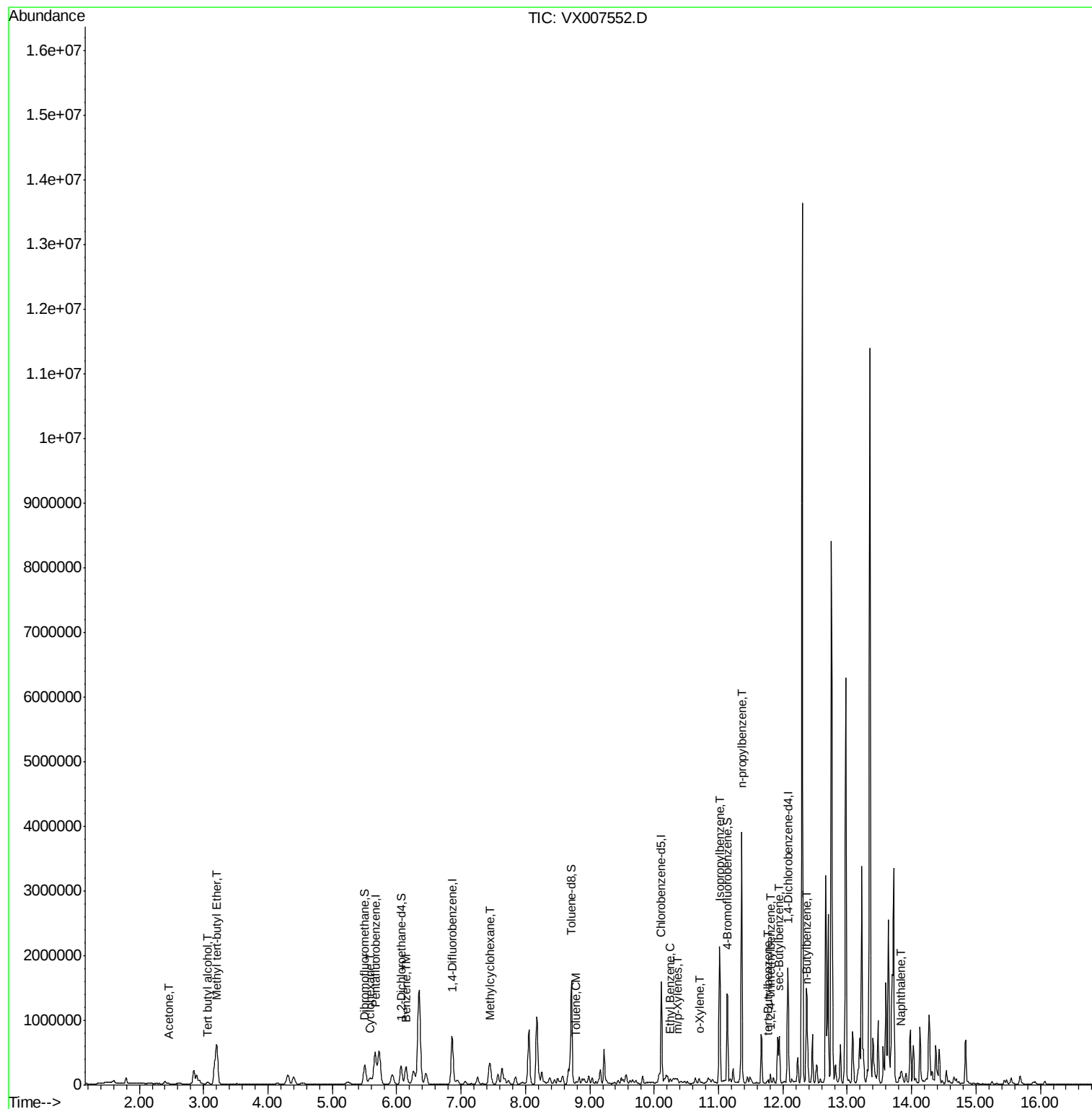
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007552.D
Acq On : 14 Feb 2019 18:08
Operator : JC/SP
Sample : K1474-01
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ALS Vial : 17 Sample Multiplier: 1

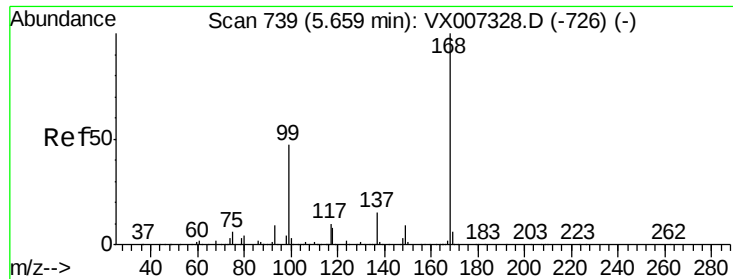
Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

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Quant Time: Feb 15 06:10:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

KY001MW077-190211

Tot Ion:168 Resp: 502310

Ion Ratio Lower Upper

168 100

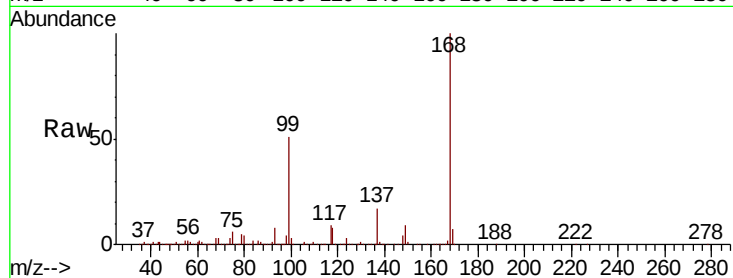
99 50.7 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

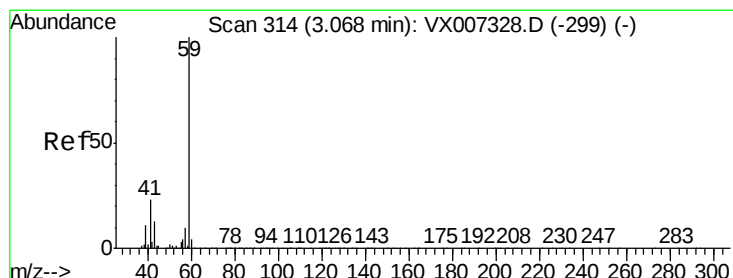
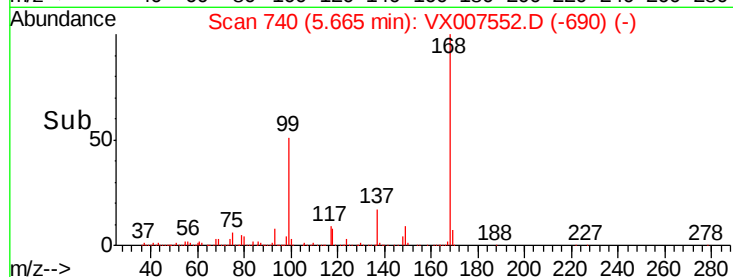
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50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 33.638 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007552.D

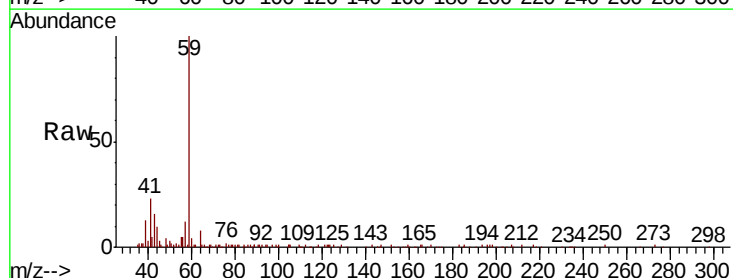
Acq: 14 Feb 2019 18:08

Tgt Ion: 59 Resp: 37115

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

100000

80000

60000

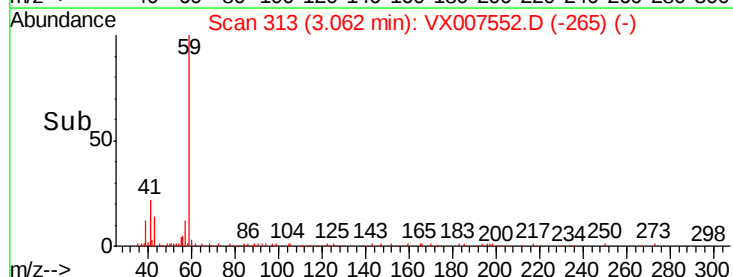
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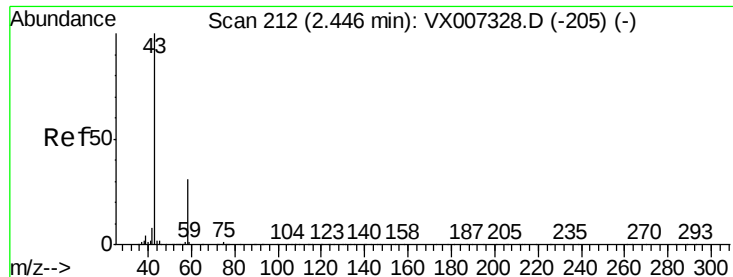
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2.95 3.00 3.05 3.10 3.15

Time-->





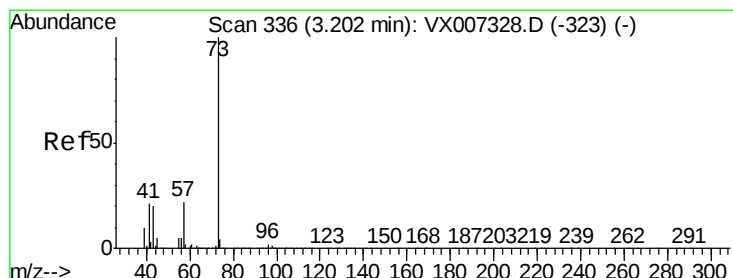
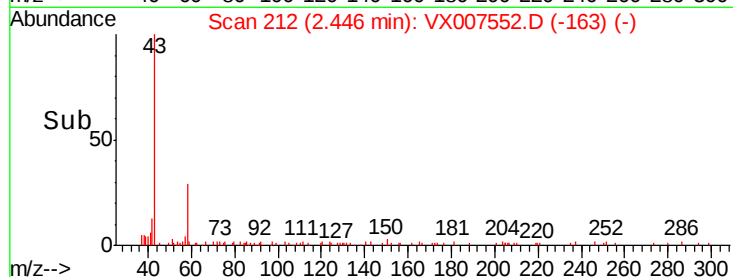
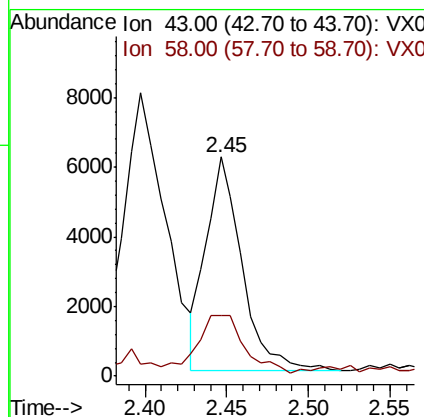
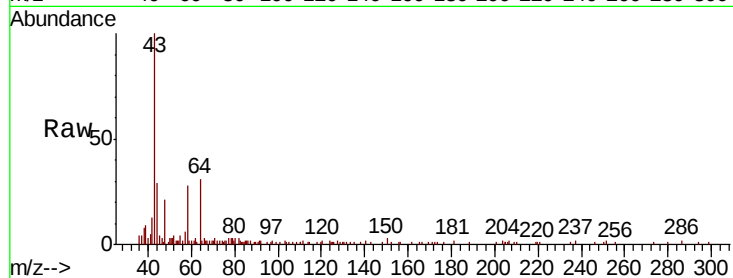
#16
Acetone
Concen: 3.881 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	Ratio	Lower	Upper
43	100		
58	24.9	24.9	37.3

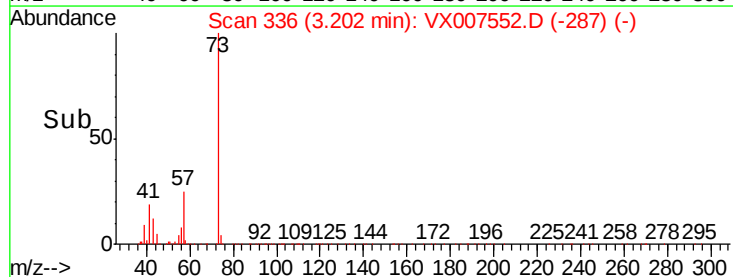
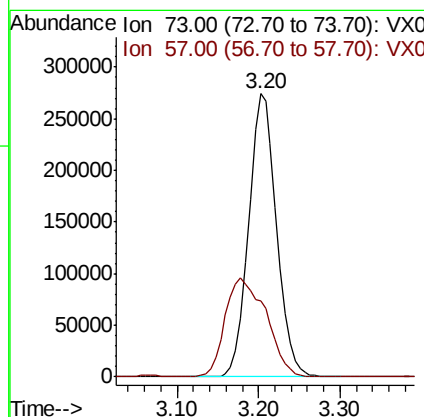
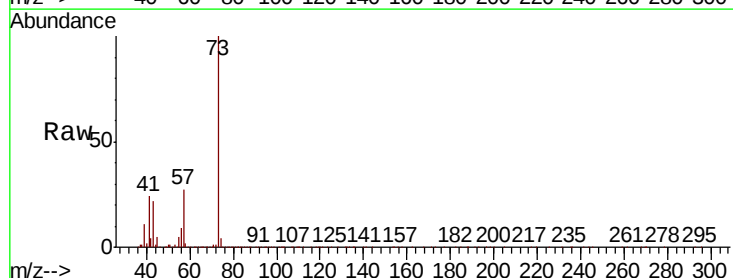
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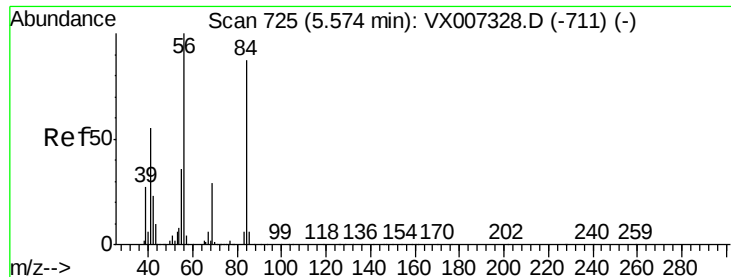
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#19
Methyl tert-butyl Ether
Concen: 41.845 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
73	100		
57	26.7	17.8	26.8





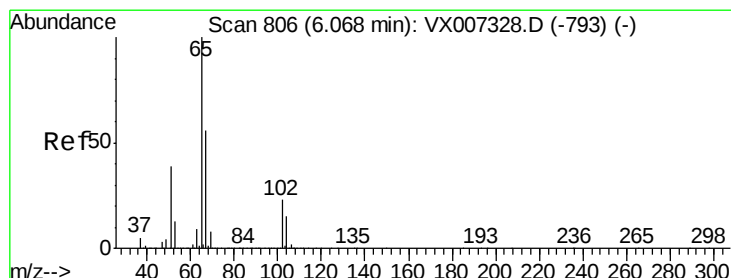
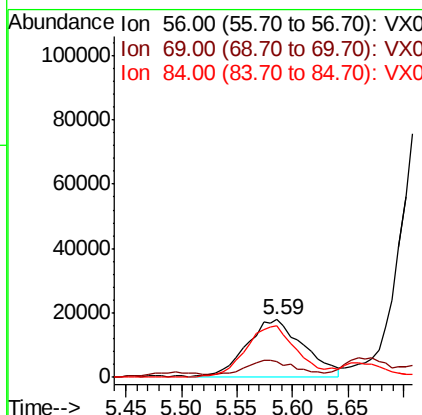
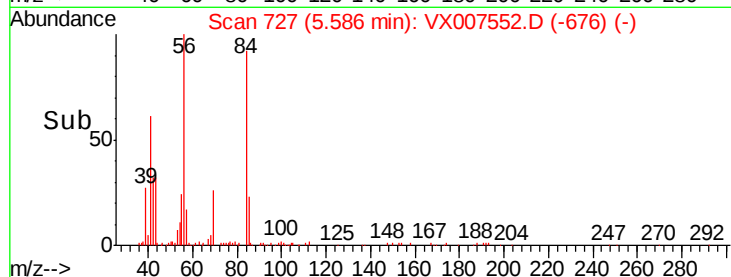
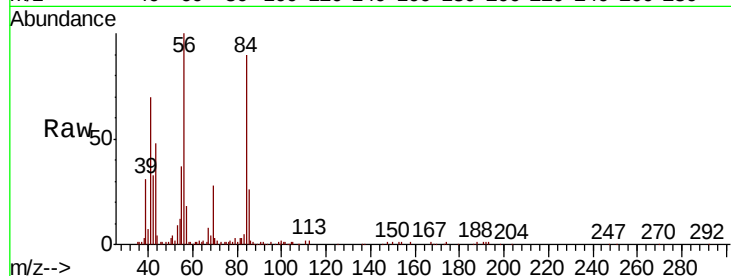
#31
Cyclohexane
Concen: 8.372 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.3	23.0	34.6#
84	91.6	69.8	104.6

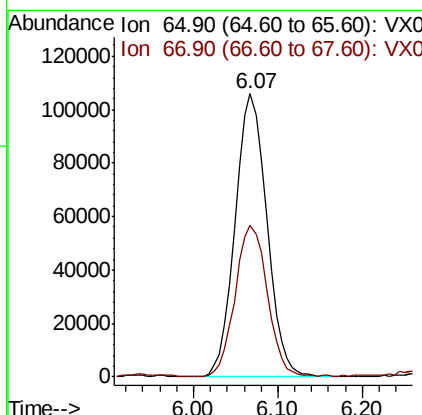
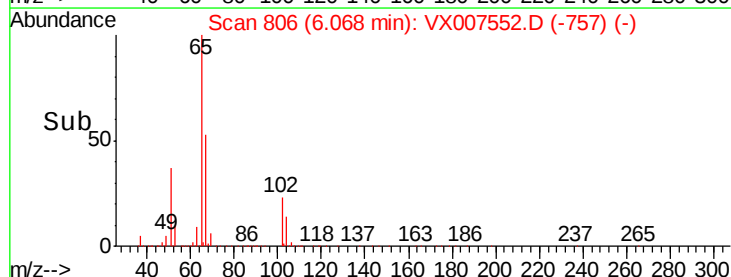
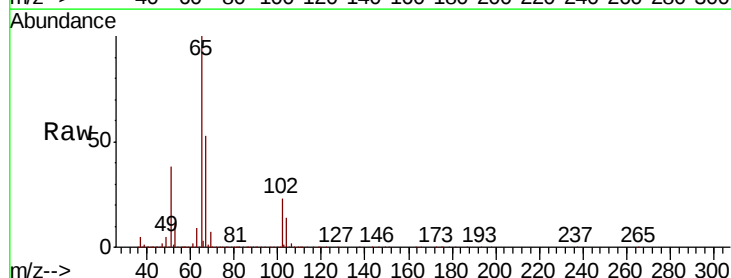
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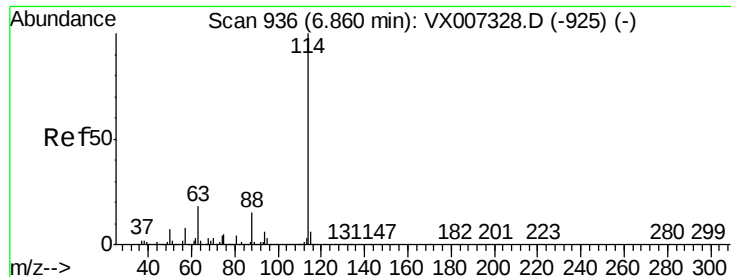
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#33
1,2-Dichloroethane-d4
Concen: 50.275 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

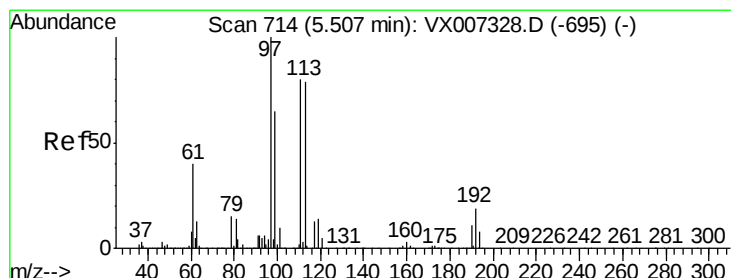
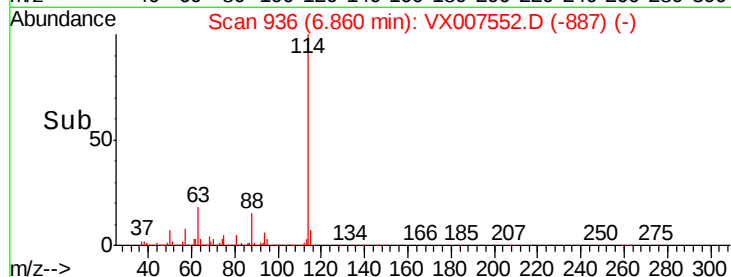
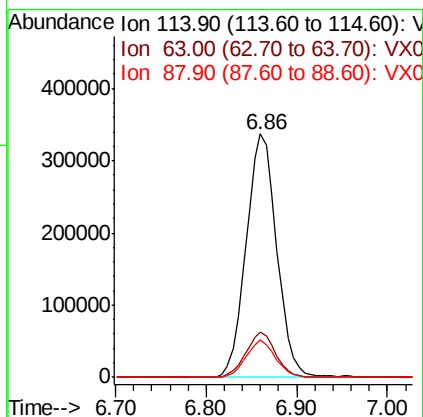
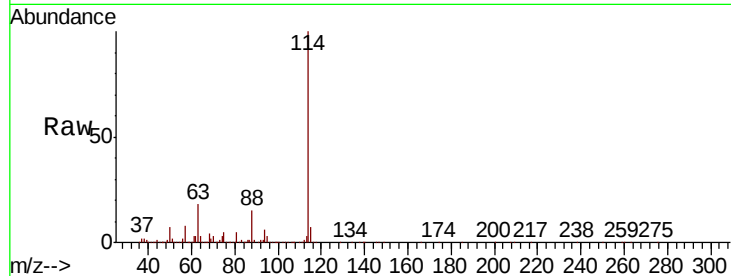
ClientSampleId :

KY001MW077-190211

Tot Ion	Ratio	Resp	Lower	Upper
114	100	784042		
63	18.3	0.0	35.6	
88	15.2	0.0	29.6	

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#35

Dibromofluoromethane

Concen: 49.256 ug/l

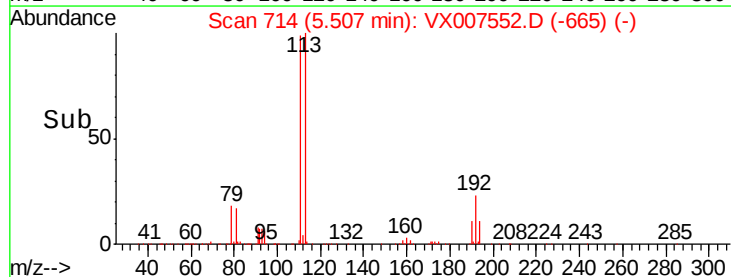
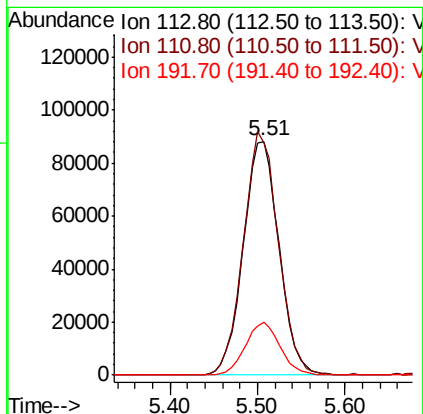
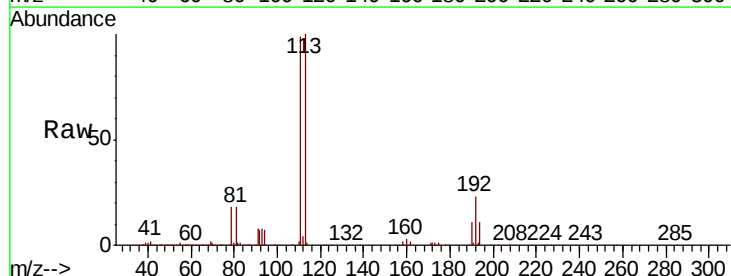
RT: 5.51 min Scan# 714

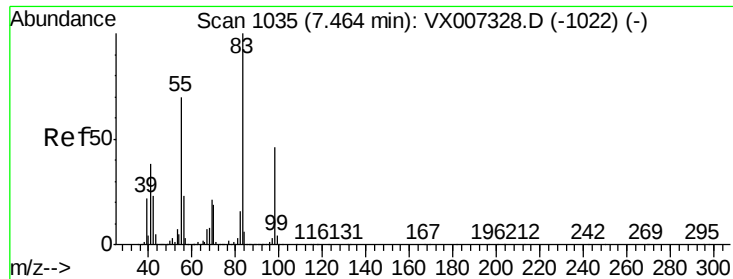
Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	251281		
111	101.6	81.8	122.8	
192	22.2	18.5	27.7	





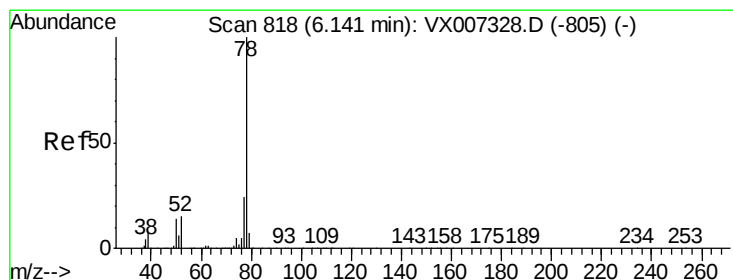
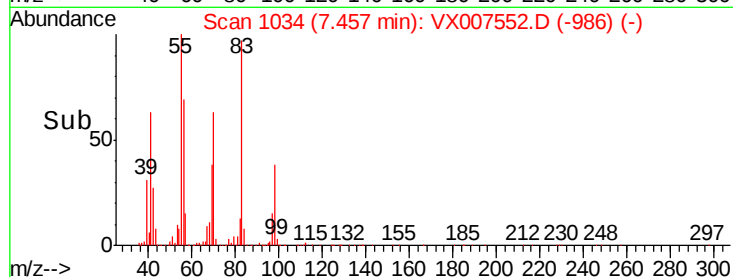
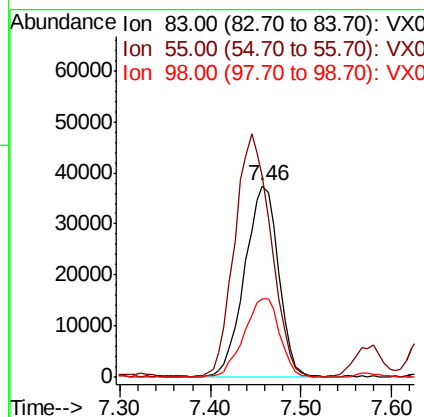
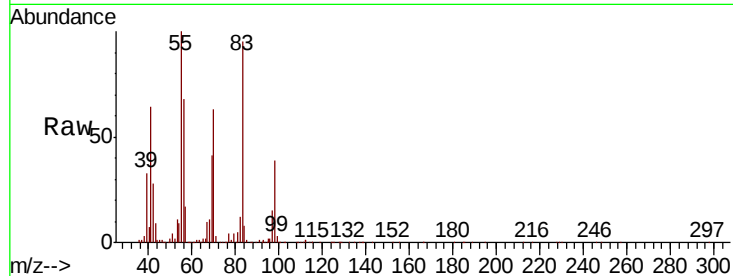
#39
Methvlcvclohexane
Concen: 11.377 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	83	Resp	96835
Ion Ratio	Lower	Upper	
83	100		
55	104.6	56.2	84.2#
98	40.7	36.8	55.2

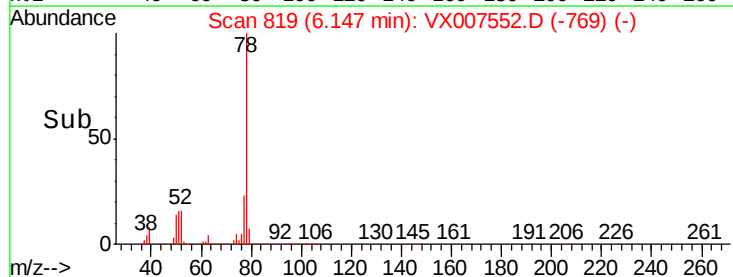
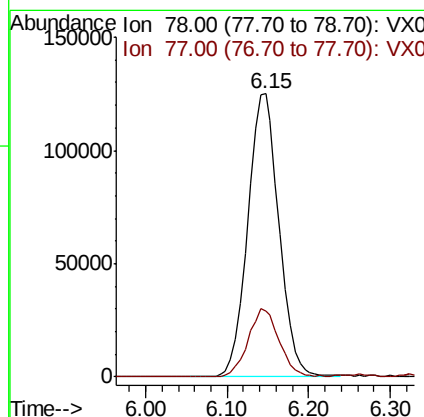
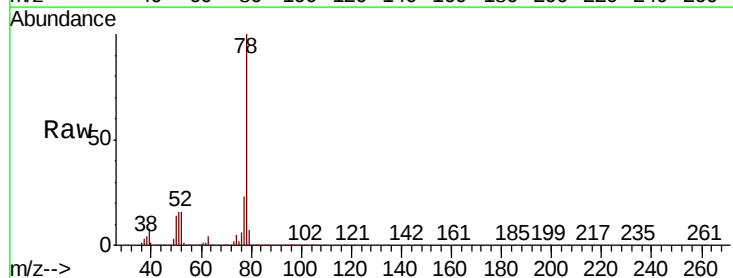
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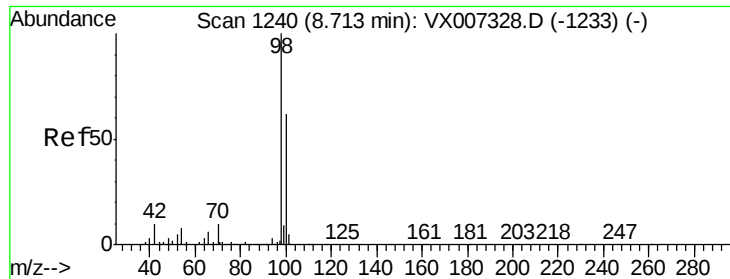
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#40
Benzene
Concen: 16.099 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	78	Resp	333610
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.3	28.9





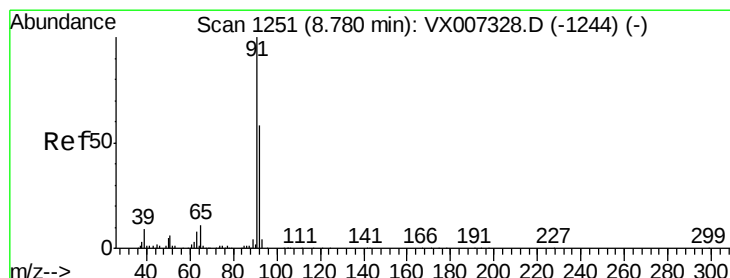
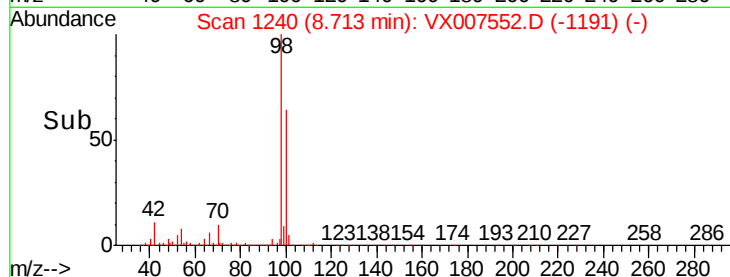
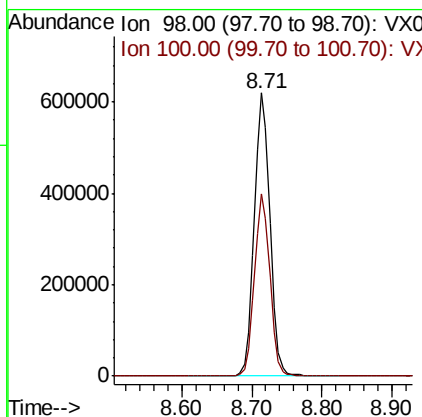
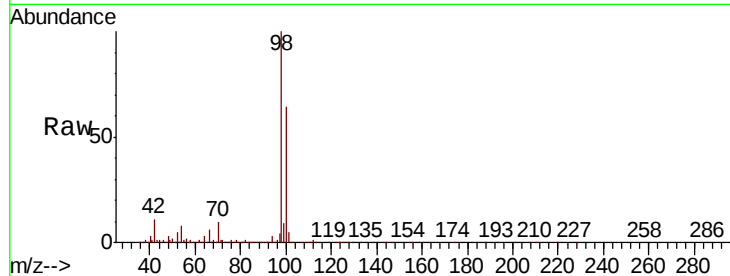
#50
Toluene-d8
Concen: 51.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
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ClientSampleId :
KY001MW077-190211

Tot Ion: 98 Resp: 968114
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

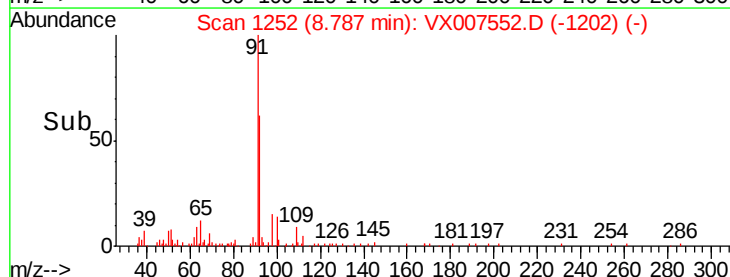
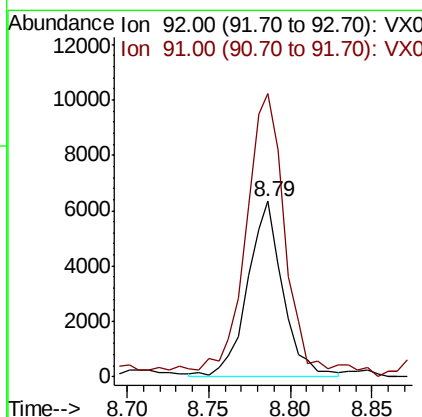
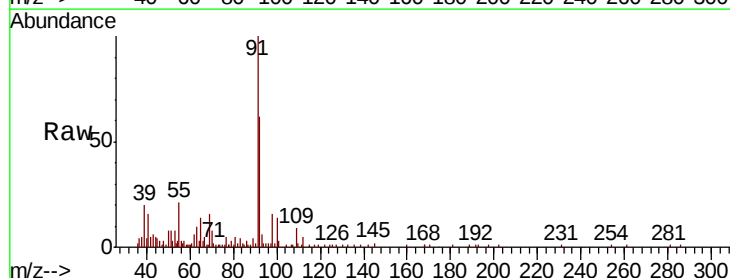
Manual Integrations
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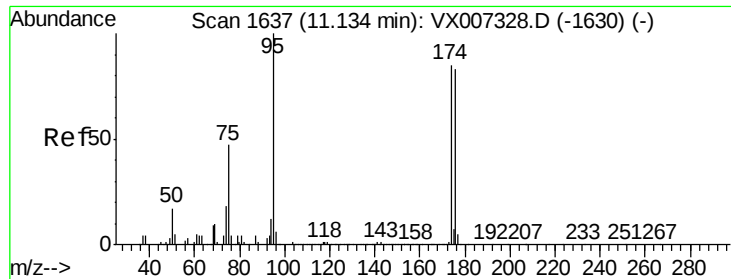
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#52
Toluene
Concen: 0.718 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion: 92 Resp: 9596
Ion Ratio Lower Upper
92 100
91 183.1 139.1 208.7





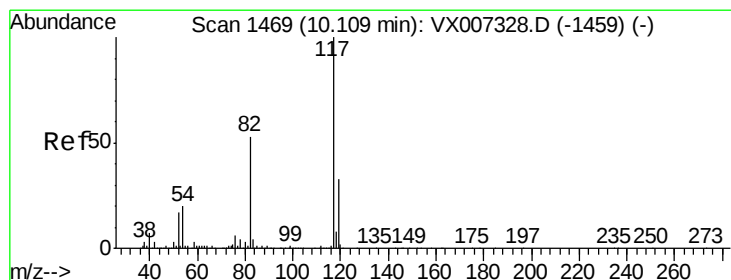
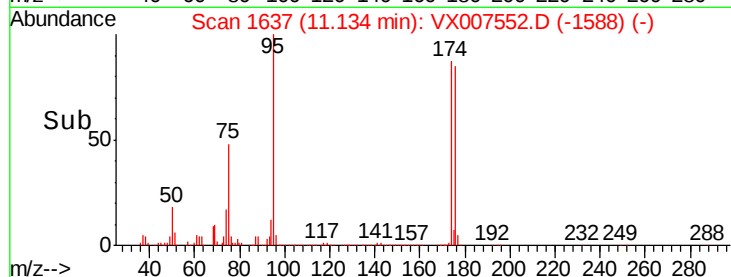
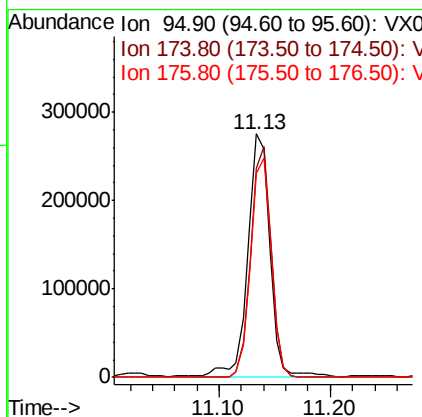
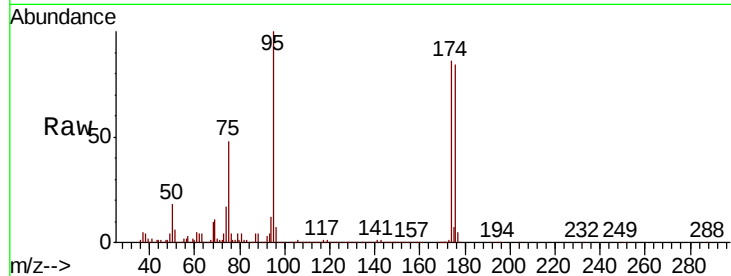
#62
4-Bromofluorobenzene
Concen: 54.635 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	Ratio	Resp	Lower	Upper
95	100	377547		
174	87.7	0.0	189.2	
176	84.7	0.0	186.2	

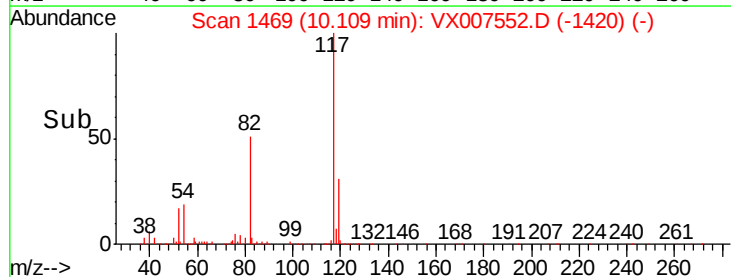
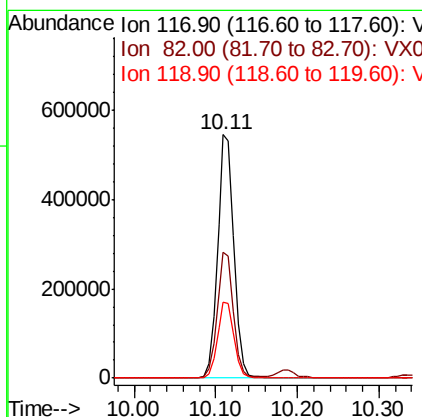
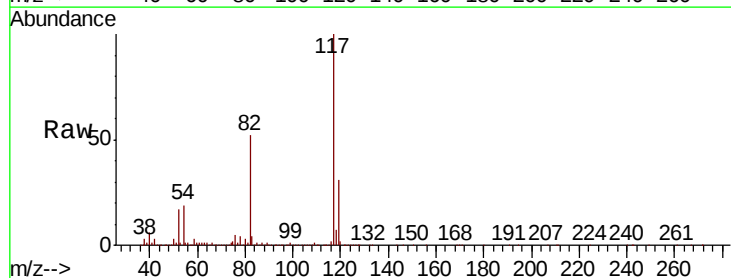
Manual Integrations
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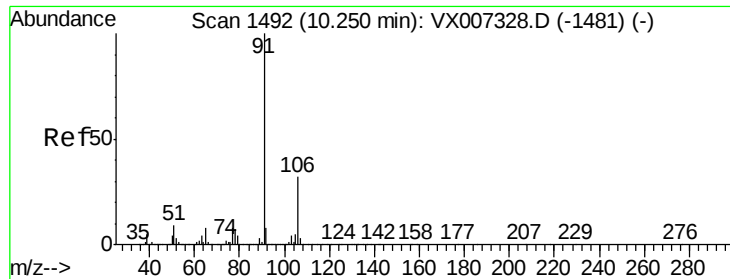
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2/15/2019 10:10:21 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	768270		
82	51.6	42.1	63.1	
119	31.1	26.5	39.7	





#67

Ethyl Benzene

Concen: 1.034 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

KY001MW077-190211

Tot Ion: 91 Resp: 27914

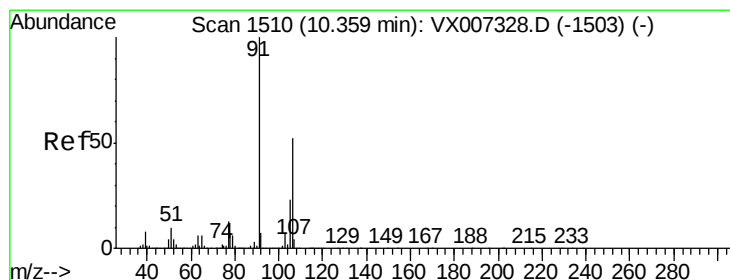
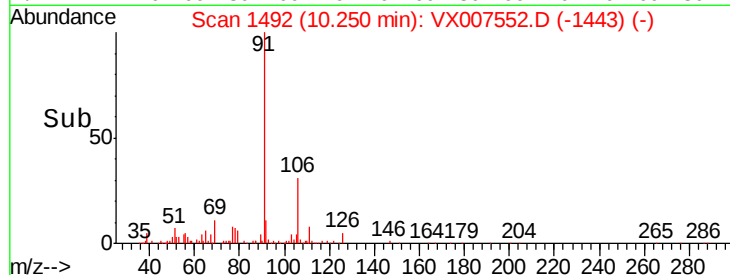
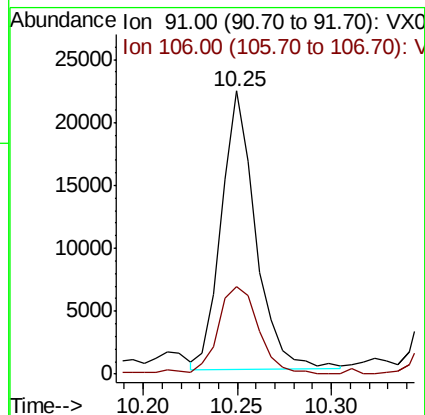
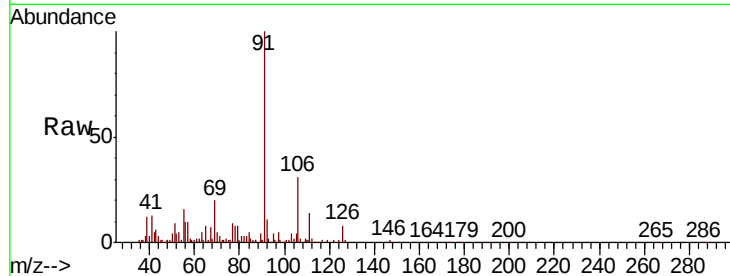
Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0

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#68

m/p-Xylenes

Concen: 0.729 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007552.D

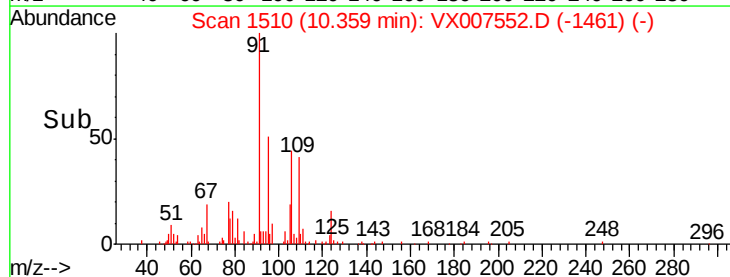
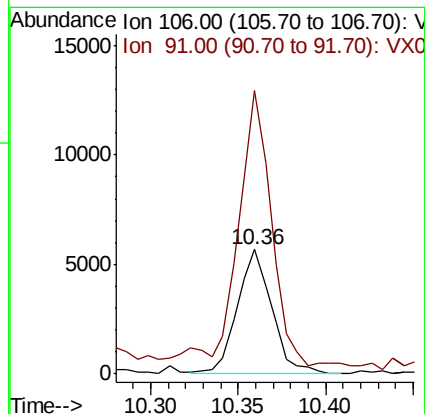
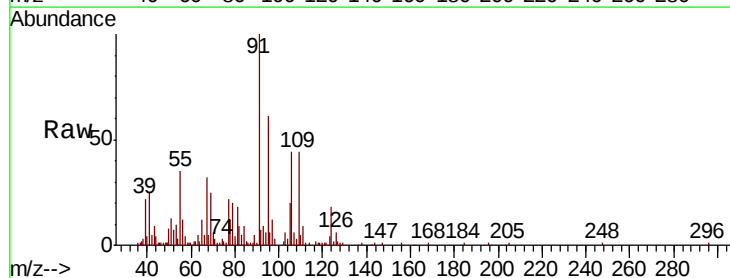
Acq: 14 Feb 2019 18:08

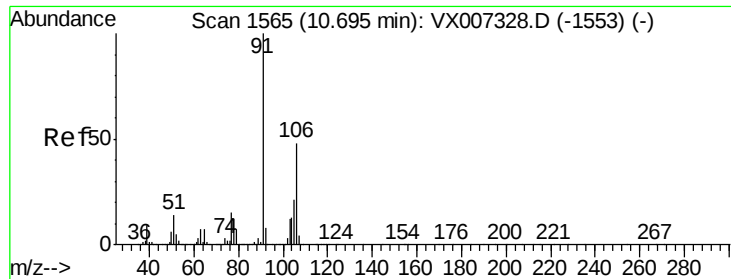
Tgt Ion: 106 Resp: 7827

Ion Ratio Lower Upper

106 100

91 209.3 156.6 234.8





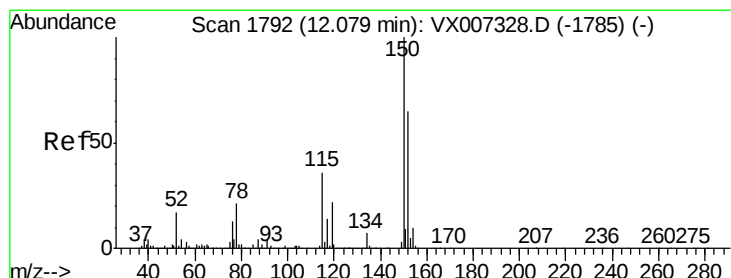
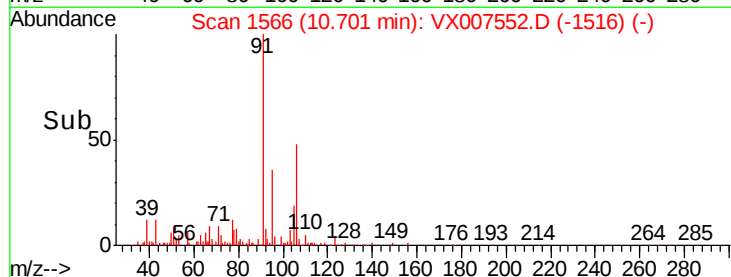
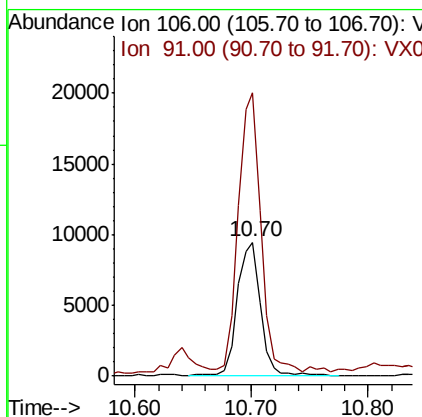
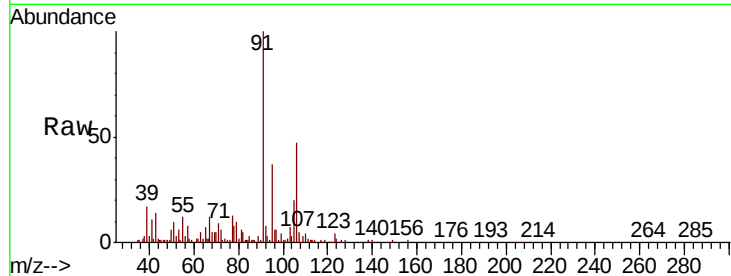
#69
o-Xylene
Concen: 1.294 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	199.2	102.9	13358	308.7	

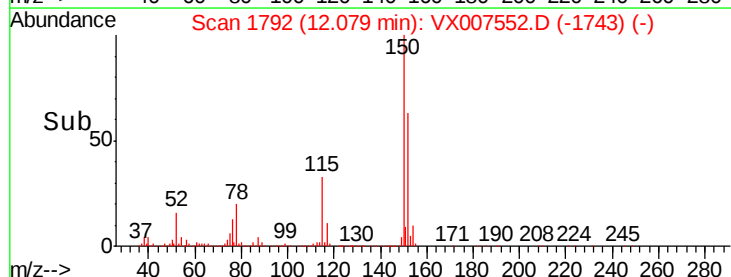
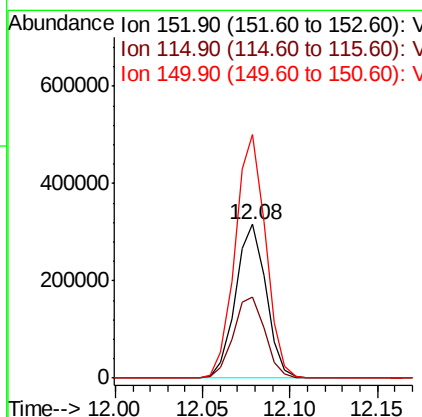
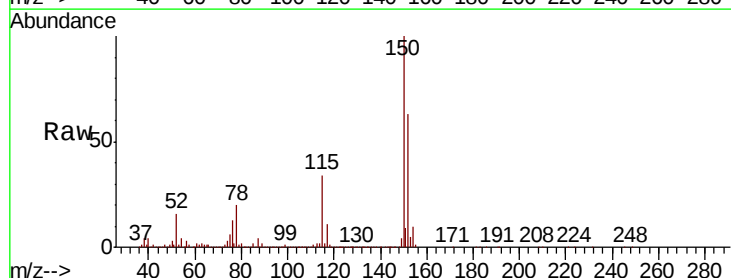
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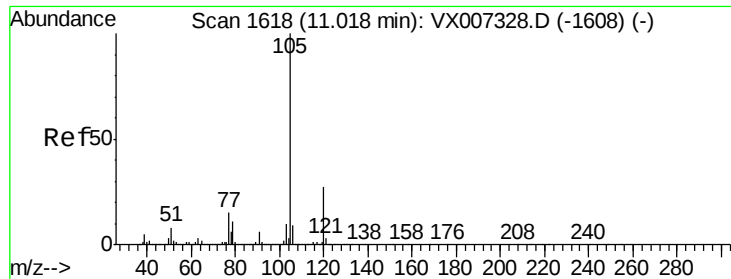
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	55.6	38.0	383845	114.0	
150	158.0	0.0		346.4	





#73

Isopropylbenzene

Concen: 43.071 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

KY001MW077-190211

Tot Ion:105 Resp: 1123481

Ion Ratio Lower Upper

105 100

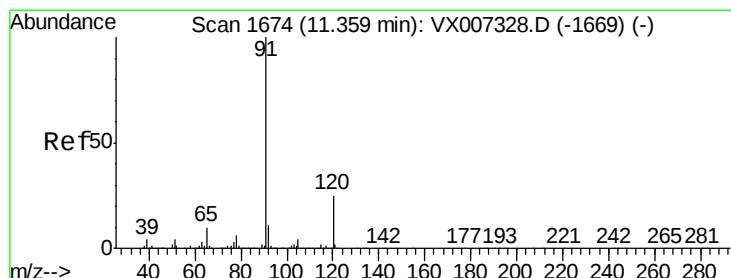
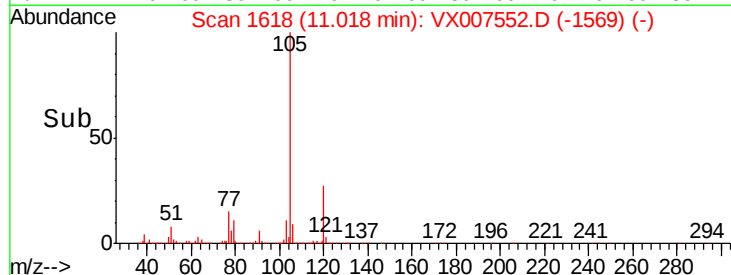
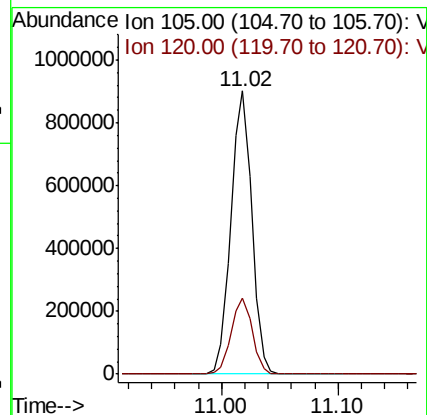
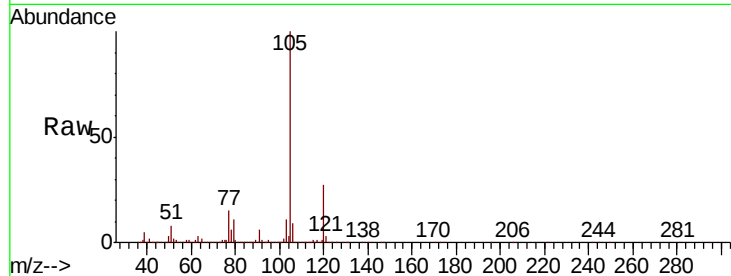
120 27.0 13.6 40.7

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#78

n-propylbenzene

Concen: 81.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007552.D

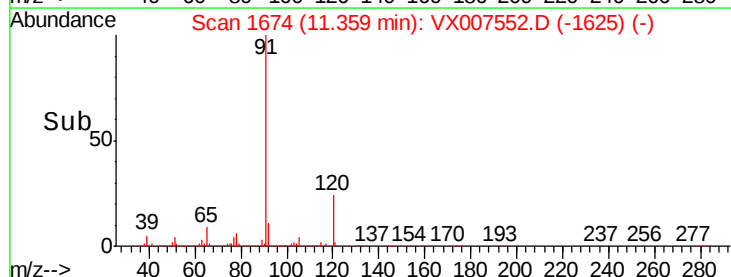
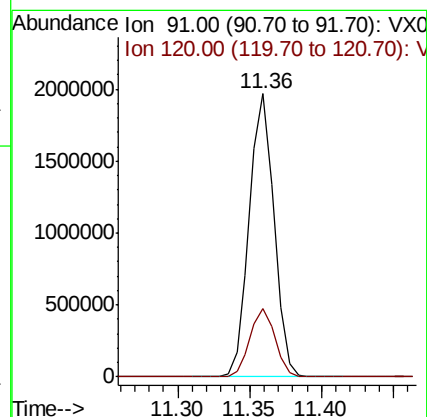
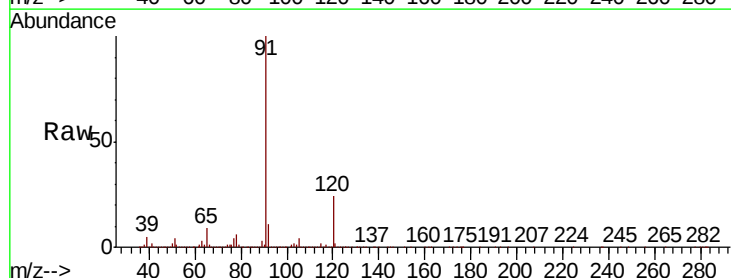
Acq: 14 Feb 2019 18:08

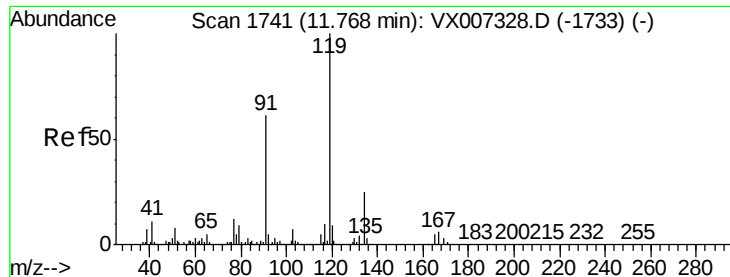
Tgt Ion: 91 Resp: 2341327

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2





#83

tert-Butylbenzene

Concen: 1.115 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Instrument :

MSVOA_X

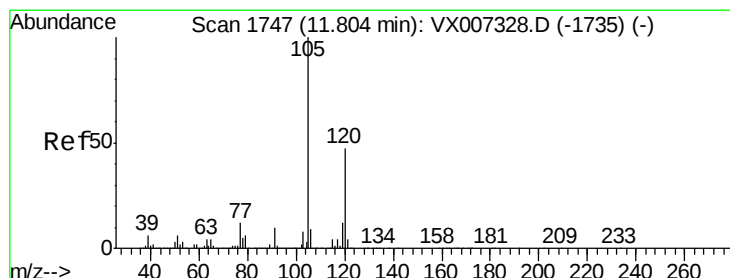
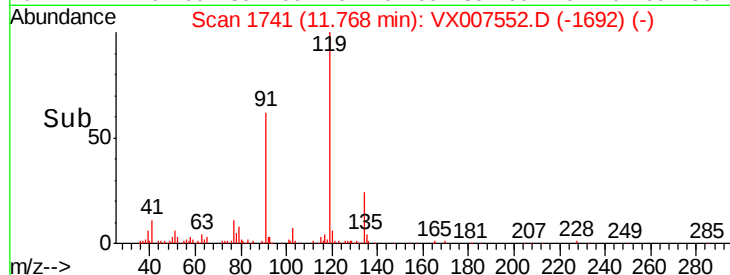
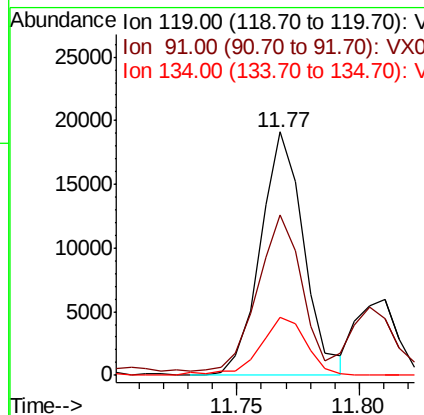
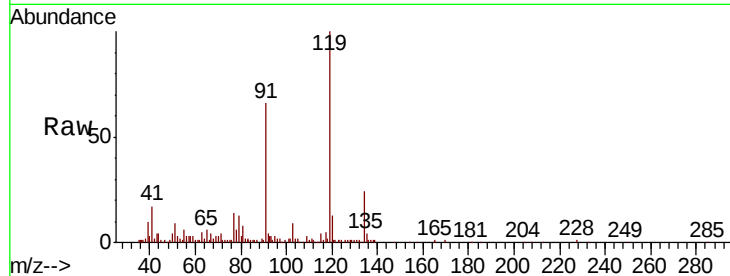
ClientSampleId :

KY001MW077-190211

Tot Ion:	119	Resp:	23560
Ion Ratio	Lower	Upper	
119	100		
91	64.0	28.5	85.6
134	25.5	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 2.736 ug/l

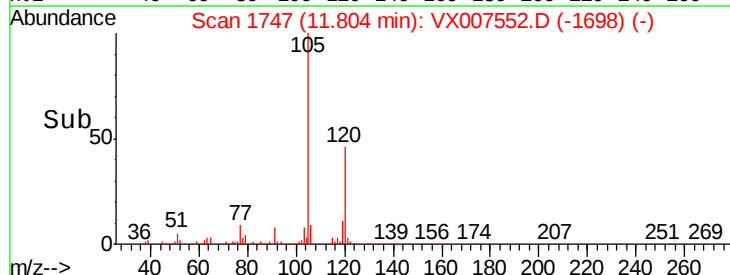
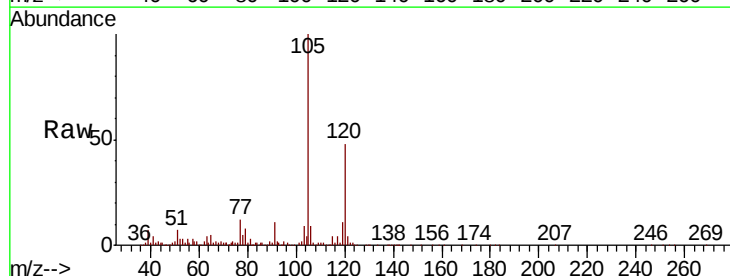
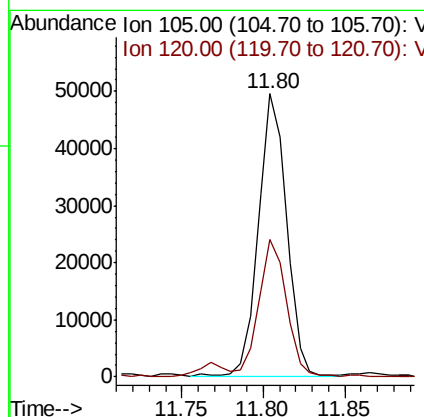
RT: 11.80 min Scan# 1747

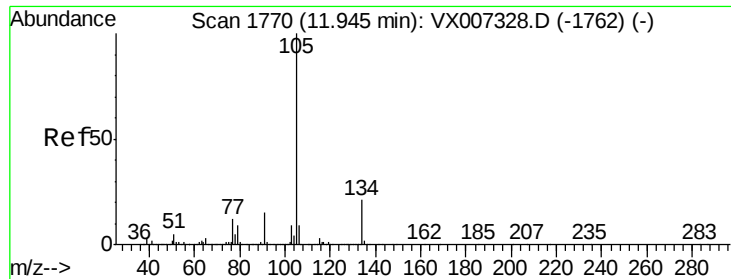
Delta R.T. -0.00 min

Lab File: VX007552.D

Acq: 14 Feb 2019 18:08

Tgt Ion:	105	Resp:	59271
Ion Ratio	Lower	Upper	
105	100		
120	48.3	23.1	69.3





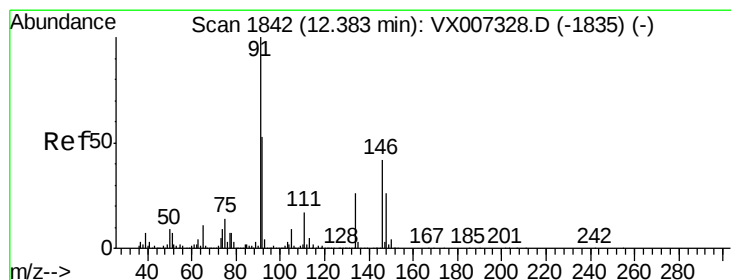
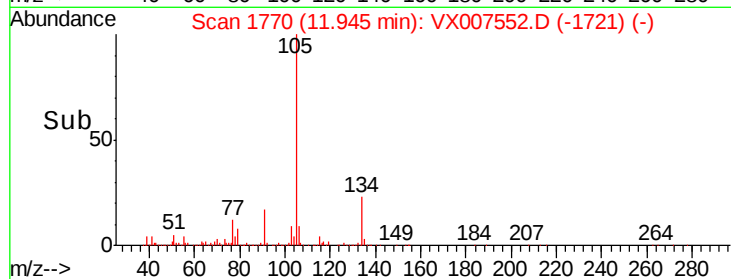
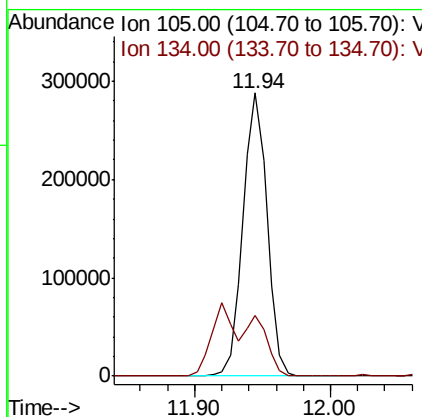
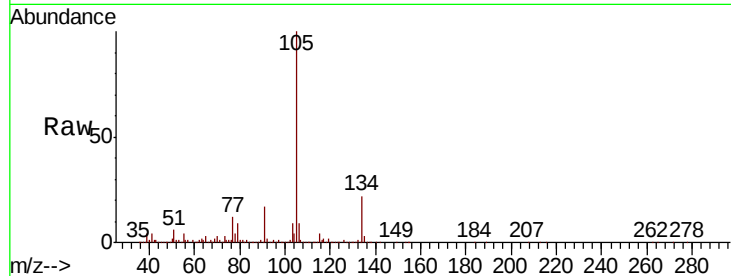
#85
 sec-Butylbenzene
 Concen: 13.911 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007552.D
 Acq: 14 Feb 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW077-190211

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.6	31.8

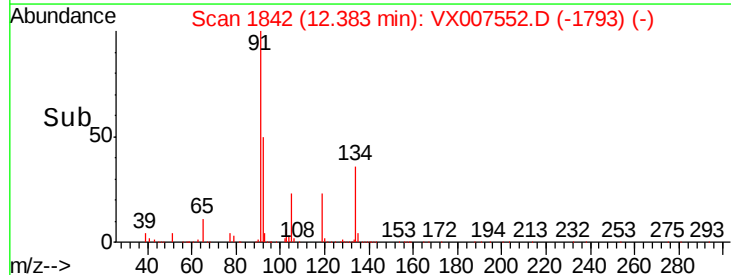
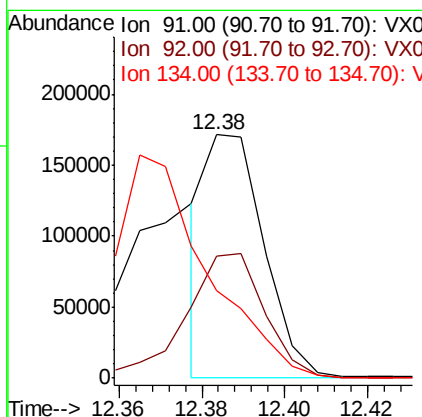
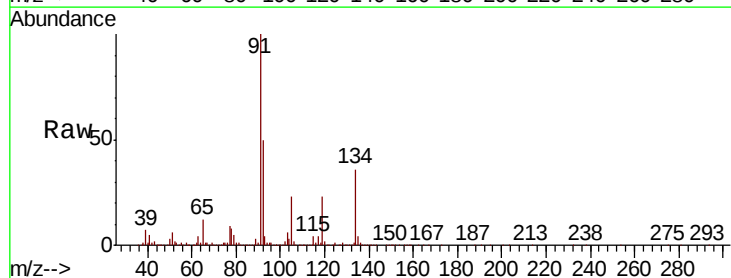
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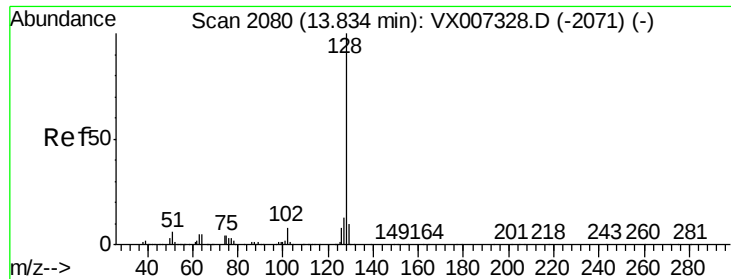
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#89
 n-Butylbenzene
 Concen: 8.403 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX007552.D
 Acq: 14 Feb 2019 18:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	70.3	26.3	78.9
134	0.0	13.9	41.6#





#95
Naphthalene
Concen: 4.507 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007552.D
Acq: 14 Feb 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
KY001MW077-190211

Tot Ion	Ratio	Resp	Lower	Upper
128	100	116672		
127	16.1		10.5	15.7#
129	16.1		8.7	13.1#

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