

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015869.D
 Acq On : 23 Apr 2020 03:12
 Operator : JC/SP
 Sample : L2380-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:24 PM

Quant Time: Apr 23 12:25:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	945069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1437226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	761095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	518928	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	5.47	113	427998	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	8.70	98	1735561	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	744798	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	72114	32.836	ug/l #	73
16) Acetone	2.42	43	41805	8.932	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	707737	24.219	ug/l #	15
31) Cyclohexane	5.56	56	409358	26.067	ug/l	98
39) Methylcyclohexane	7.44	83	824652	51.109	ug/l	90
40) Benzene	6.12	78	579617	15.104	ug/l	99
52) Toluene	8.77	92	81337	3.307	ug/l	98
67) Ethyl Benzene	10.24	91	408633	8.240	ug/l	98
68) m/p-Xylenes	10.34	106	74349	3.994	ug/l	92
69) o-Xylene	10.68	106	31191	1.703	ug/l	96
73) Isopropylbenzene	11.00	105	13294811	275.044	ug/l	85
78) n-propylbenzene	11.34	91	14610629	263.861	ug/l	81
83) tert-Butylbenzene	11.76	119	154397	4.223	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	124218	2.903	ug/l	100
85) sec-Butylbenzene	11.93	105	1318179	27.351	ug/l	100
86) p-Isopropyltoluene	12.05	119	51171m	1.135	ug/l	
89) n-Butylbenzene	12.37	91	426056m	10.574	ug/l	
95) Naphthalene	13.82	128	307884	5.907	ug/l	97

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

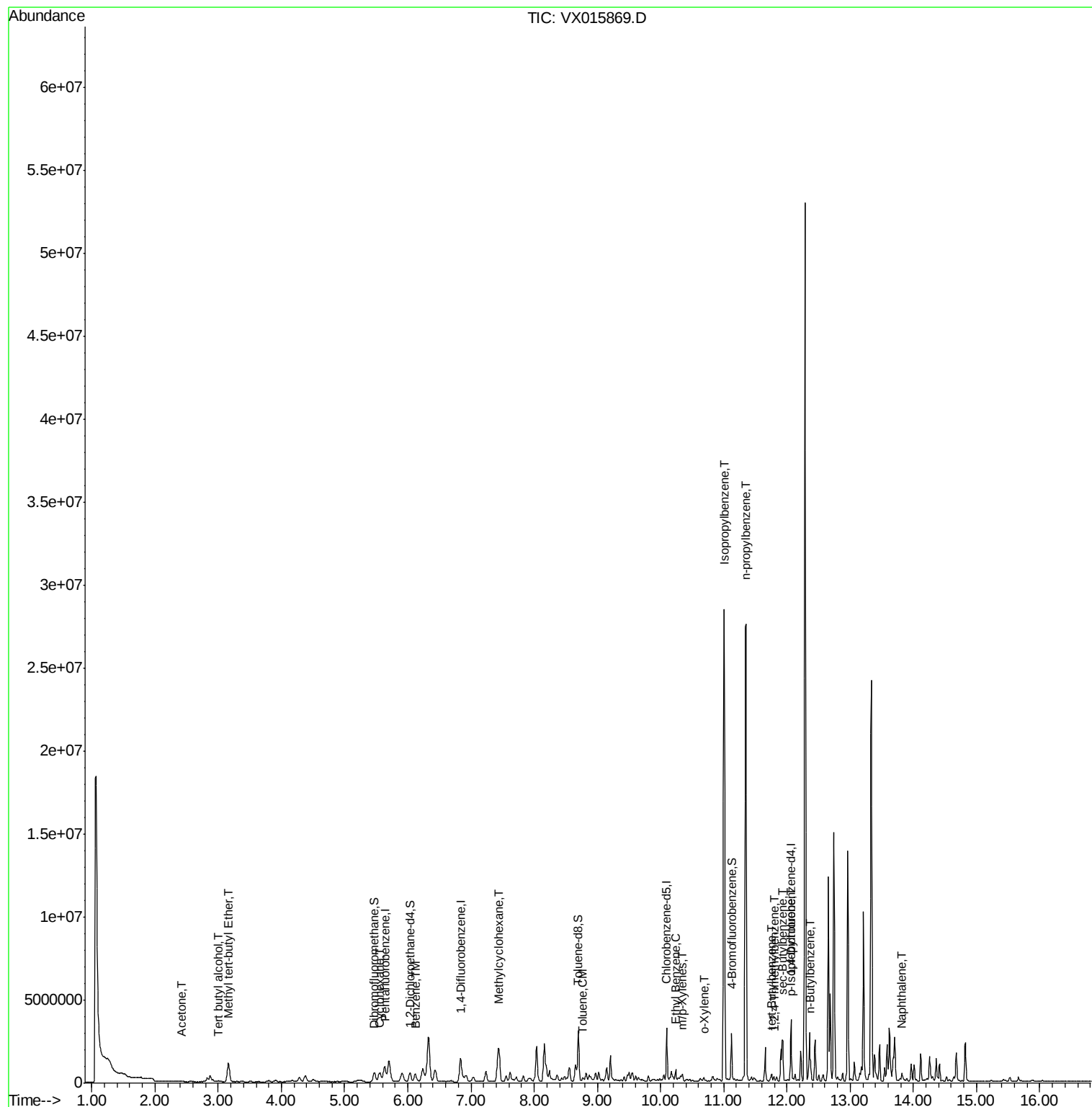
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015869.D
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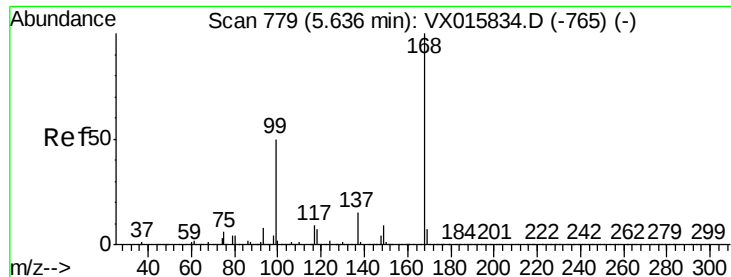
Instrument :
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ClientSampleId :
KY001MW019-200421

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Quant Time: Apr 23 12:25:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion:168 Resp: 945069

Ion Ratio Lower Upper

168 100

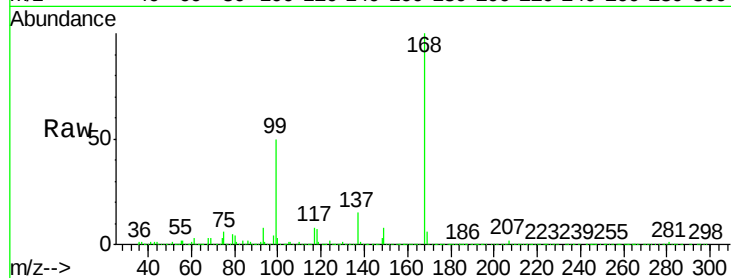
99 49.9 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

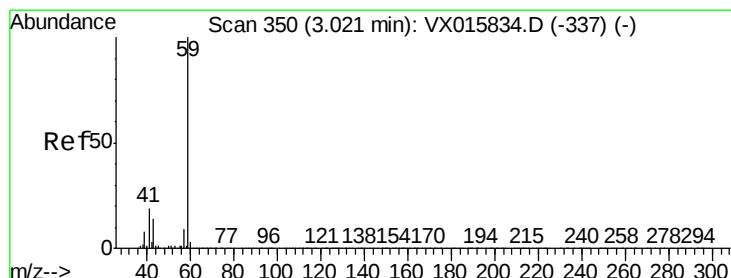
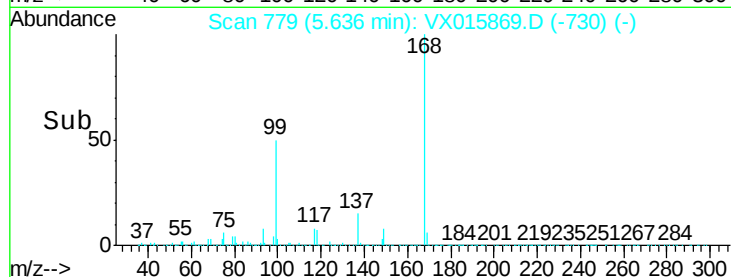
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 32.836 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015869.D

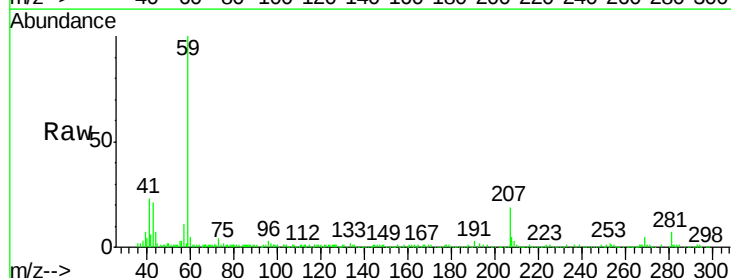
Acq: 23 Apr 2020 03:12

Tgt Ion: 59 Resp: 72114

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

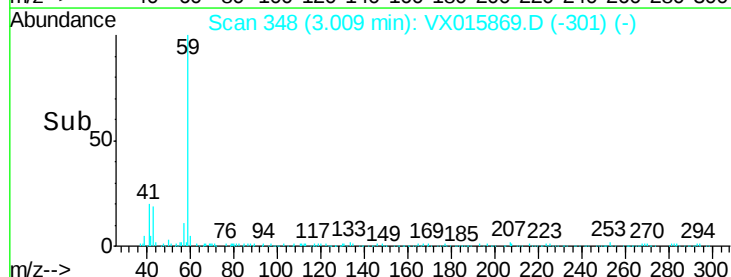
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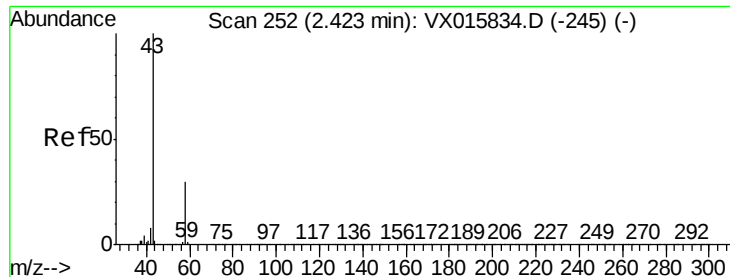
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20000

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Time-->





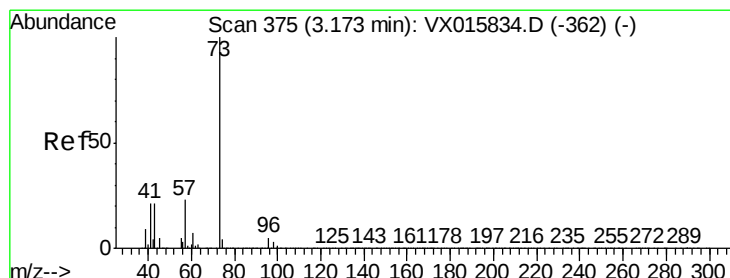
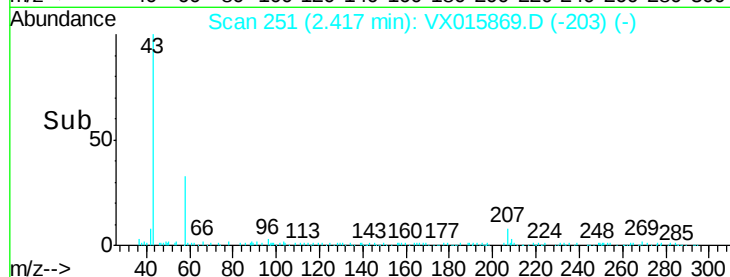
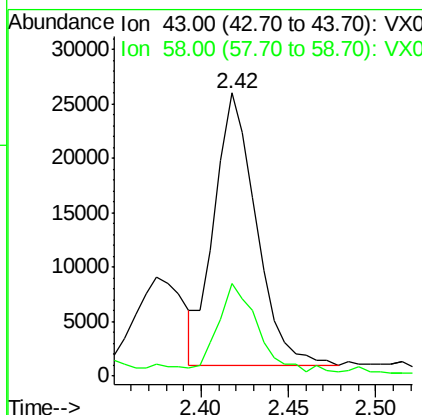
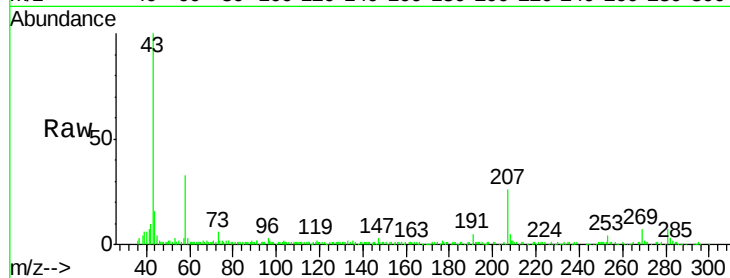
#16
Acetone
Concen: 8.932 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion: 43 Resp: 41805
Ion Ratio Lower Upper
43 100
58 32.5 24.0 36.0

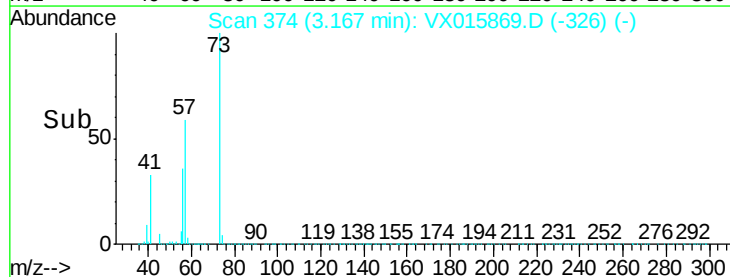
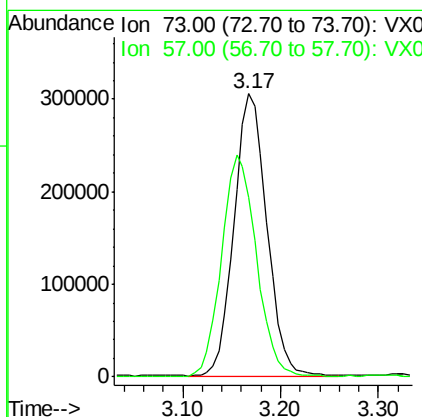
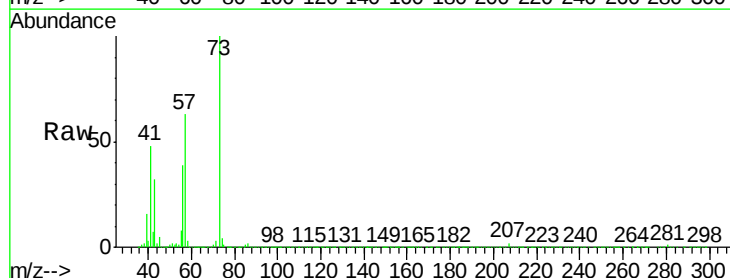
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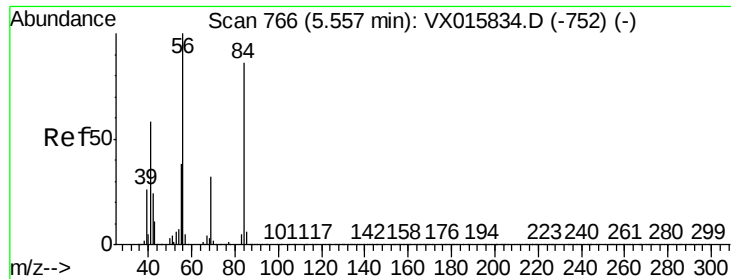
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#19
Methyl tert-butyl Ether
Concen: 24.219 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 73 Resp: 707737
Ion Ratio Lower Upper
73 100
57 63.4 18.1 27.1#





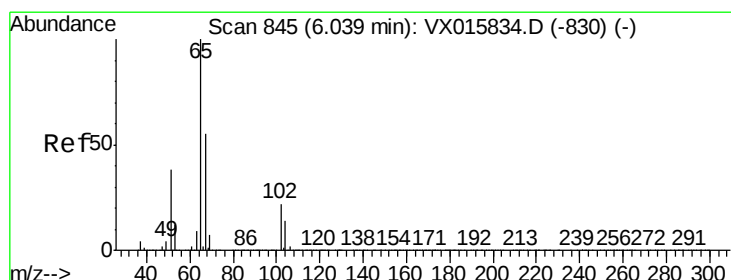
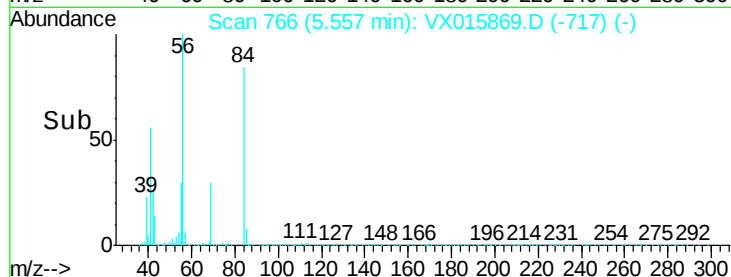
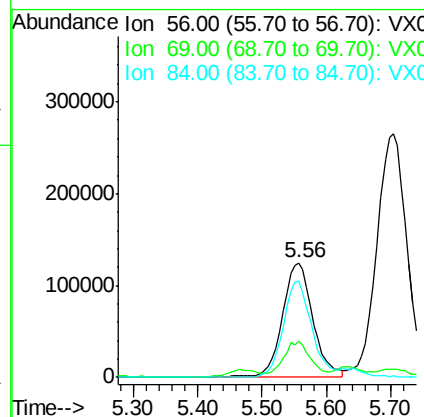
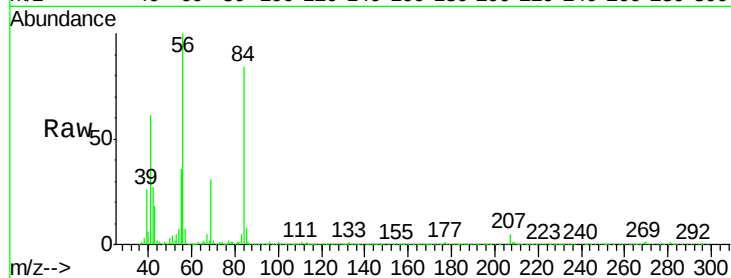
#31
Cyclohexane
Concen: 26.067 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.3	37.9
84	84.0	69.1	103.7

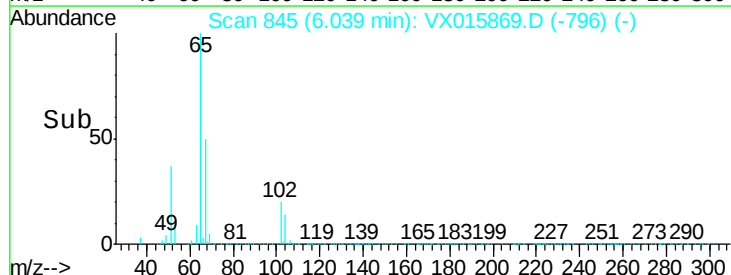
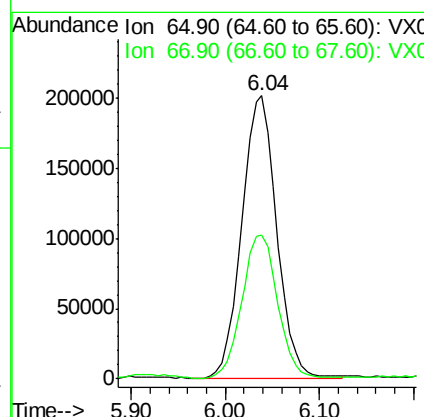
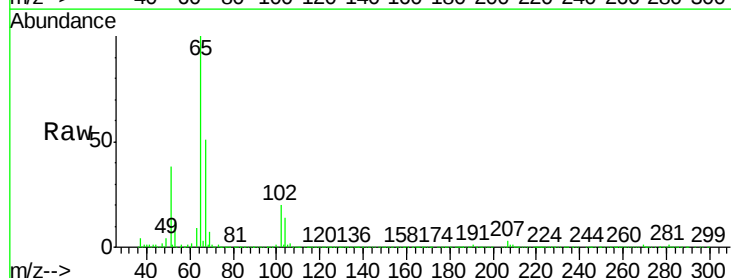
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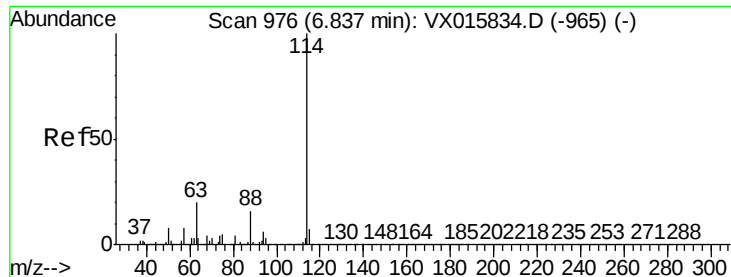
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#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

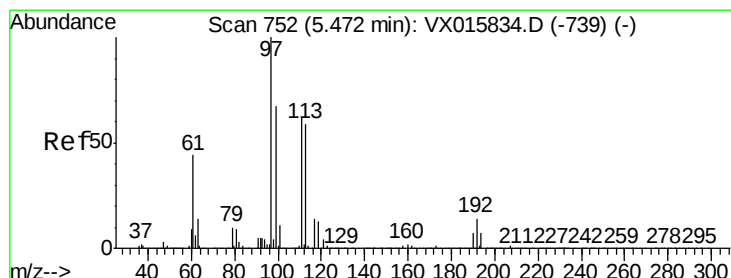
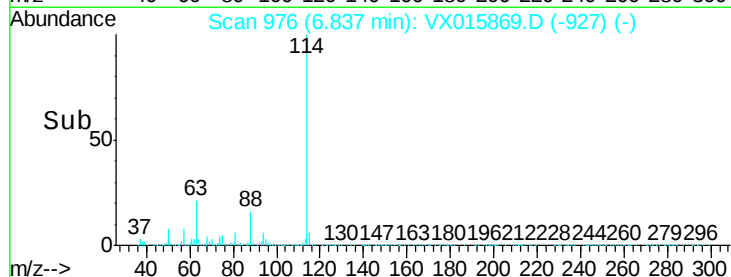
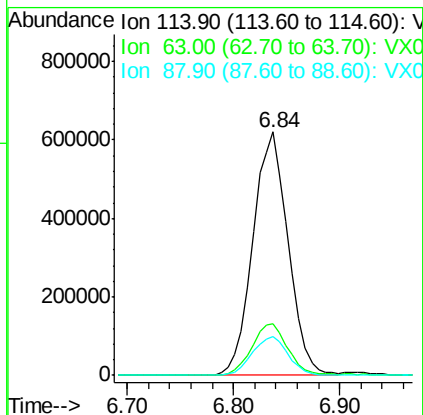
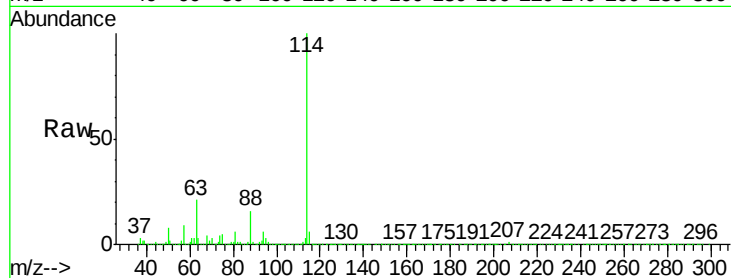
ClientSampleId :

KY001MW019-200421

Tot Ion:	114	Resp:	1437226
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	16.0	0.0	32.8

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#35

Dibromofluoromethane

Concen: 51.591 ug/l

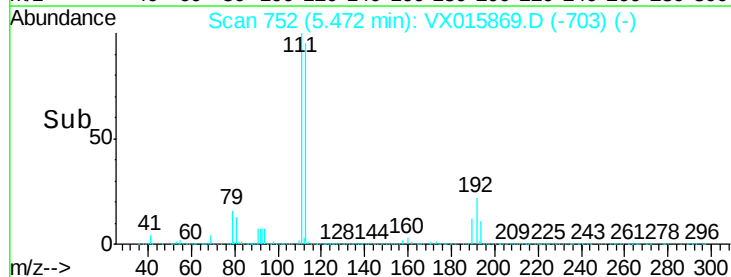
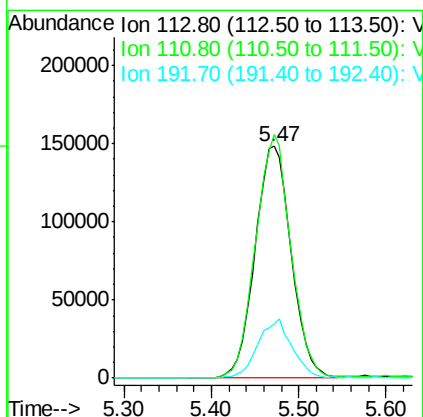
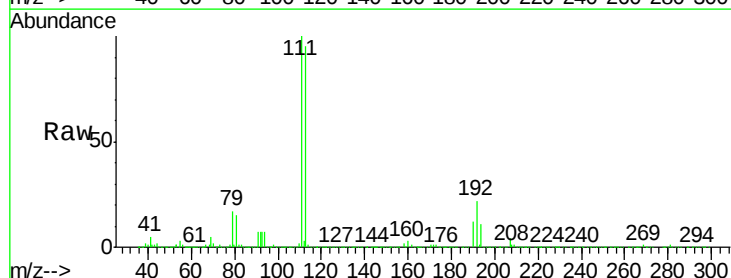
RT: 5.47 min Scan# 752

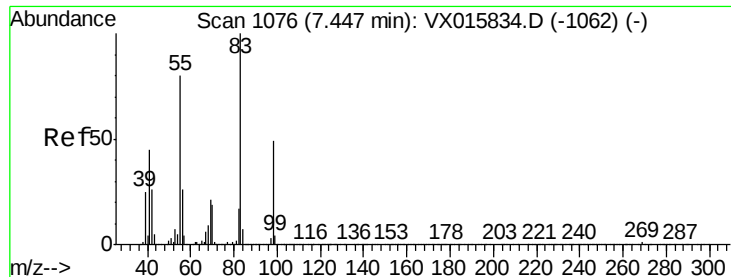
Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Tgt Ion:	113	Resp:	427998
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	23.9	19.3	28.9





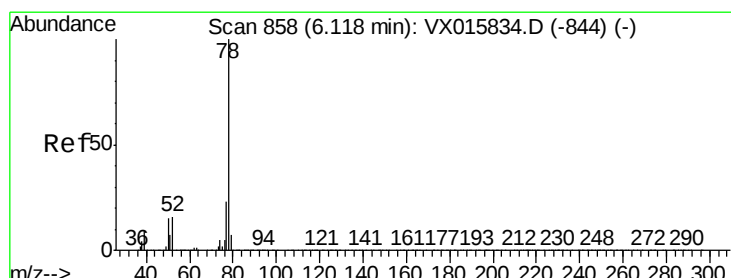
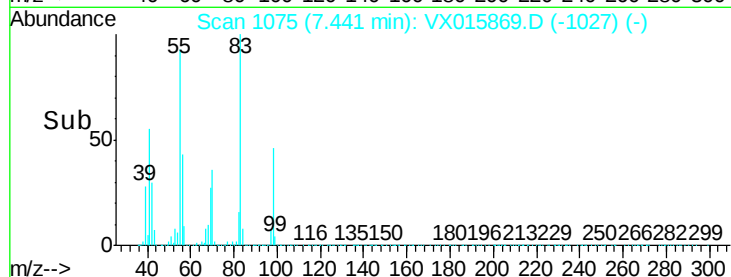
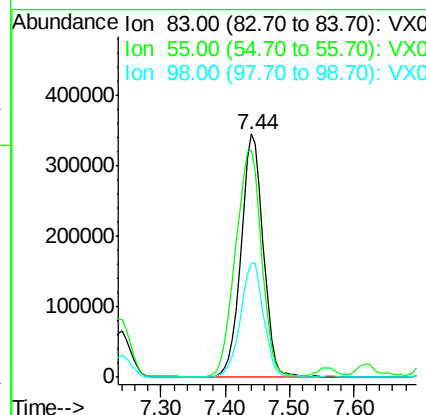
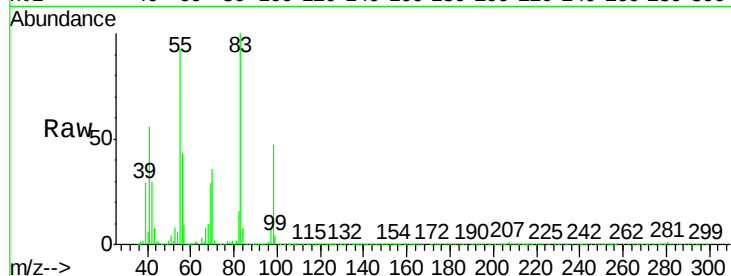
#39
Methvlcvclohexane
Concen: 51.109 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.0	64.2	96.4
98	47.0	39.3	58.9

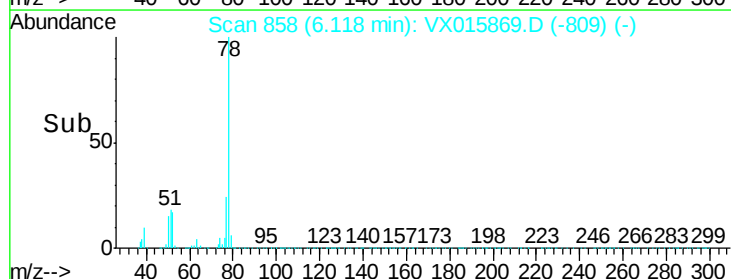
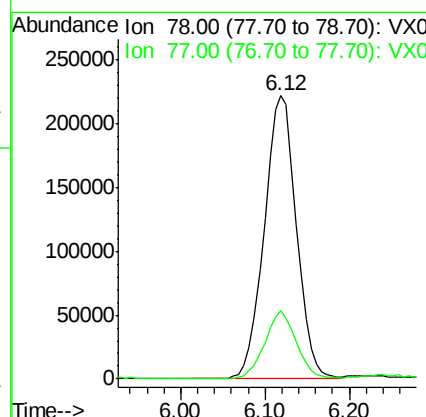
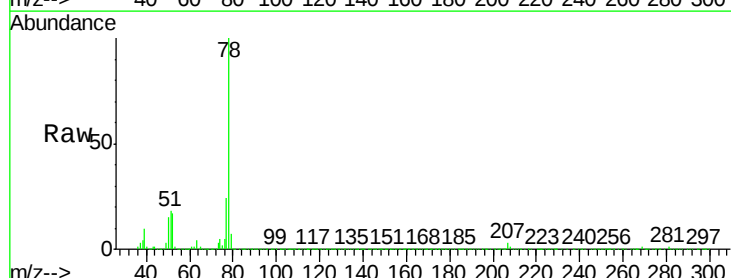
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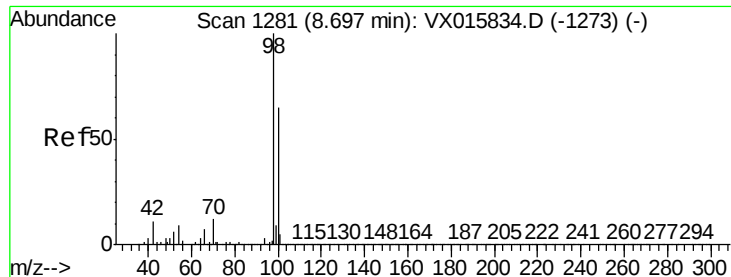
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#40
Benzene
Concen: 15.104 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8





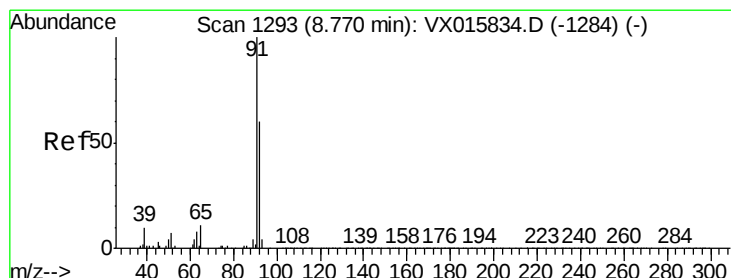
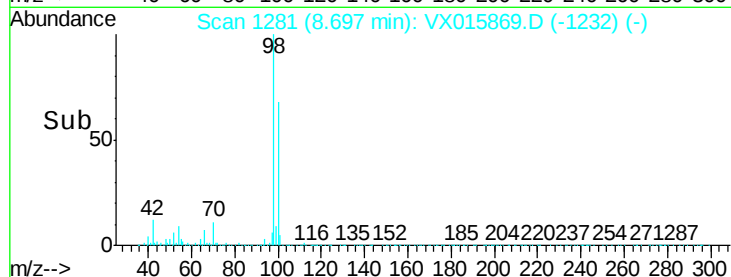
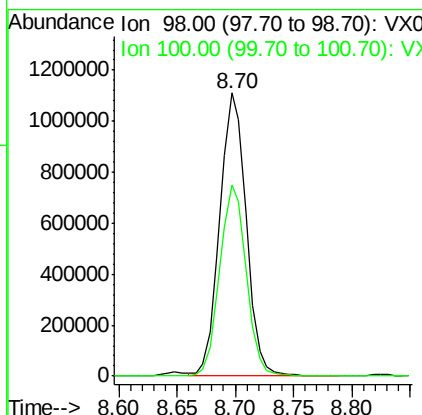
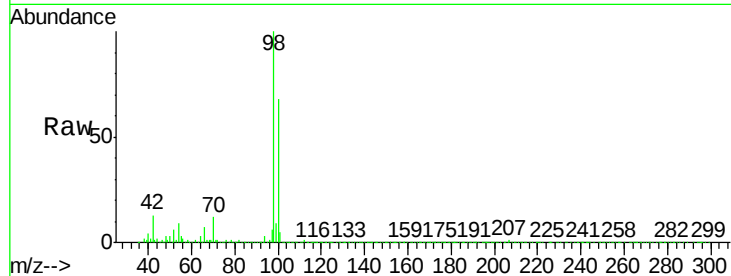
#50
Toluene-d8
Concen: 51.968 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion: 98 Resp: 1735561
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.6

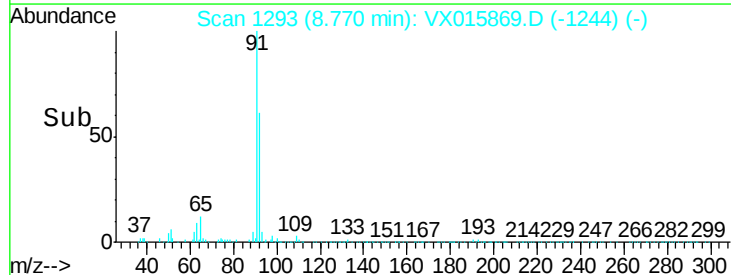
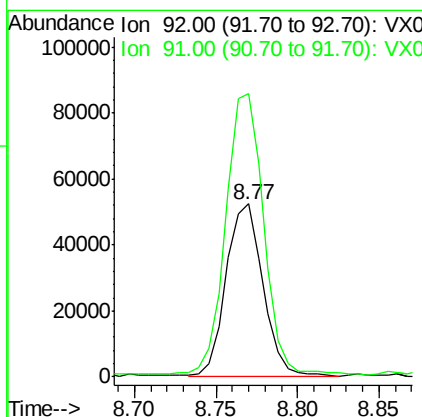
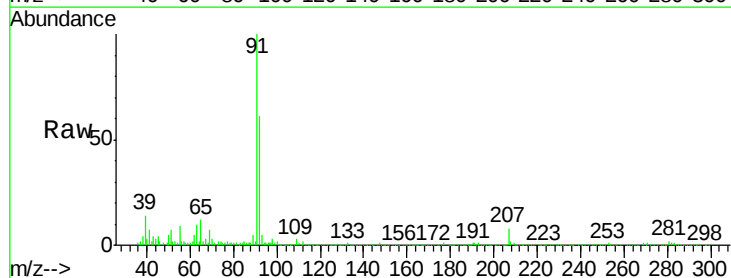
Manual Integrations
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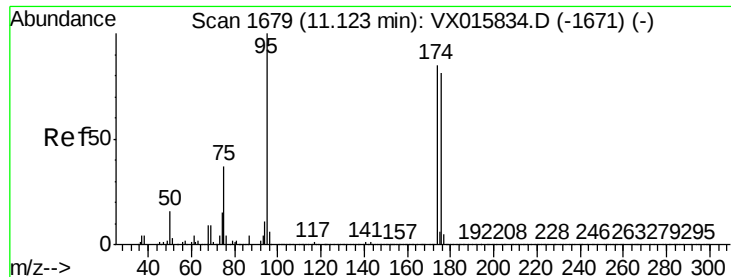
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#52
Toluene
Concen: 3.307 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 92 Resp: 81337
Ion Ratio Lower Upper
92 100
91 168.9 133.4 200.0





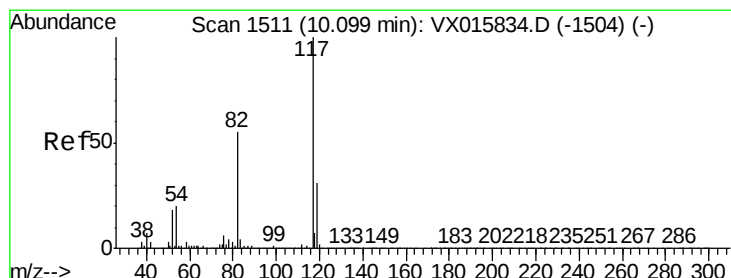
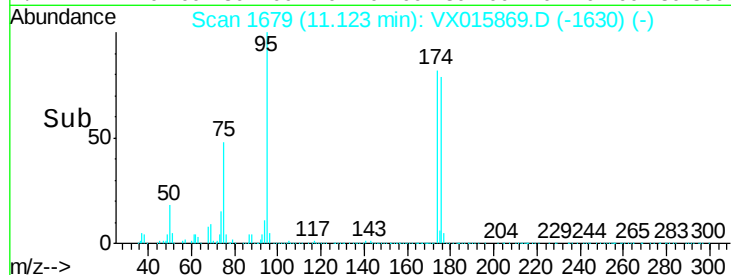
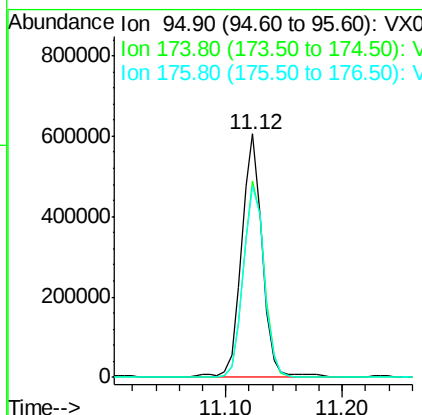
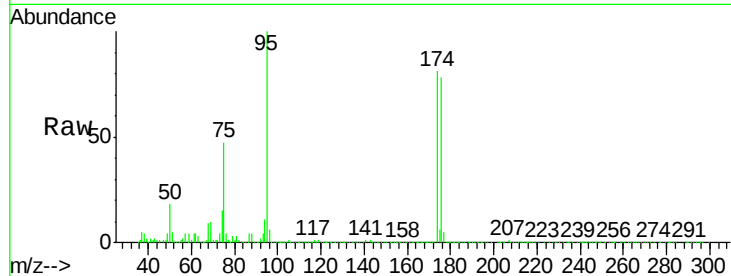
#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Resp	Lower	Upper
95	100	744798		
174	81.7	0.0	172.4	
176	80.8	0.0	167.0	

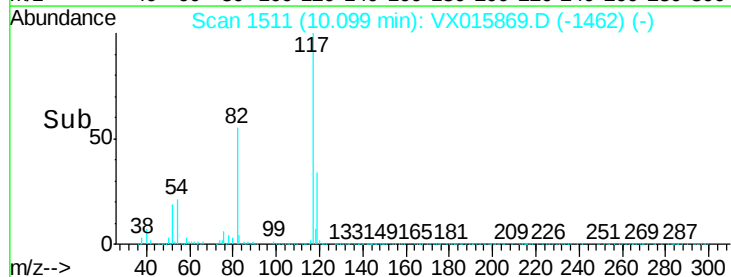
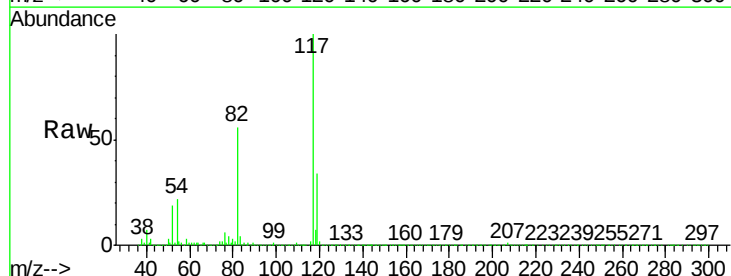
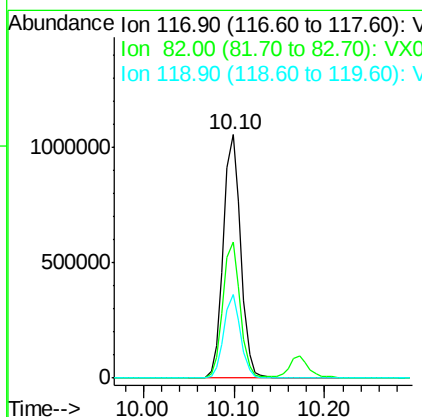
Manual Integrations
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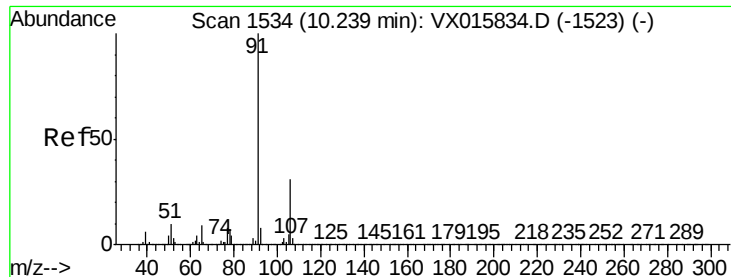
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1412233		
82	55.5	43.9	65.9	
119	34.2	25.1	37.7	





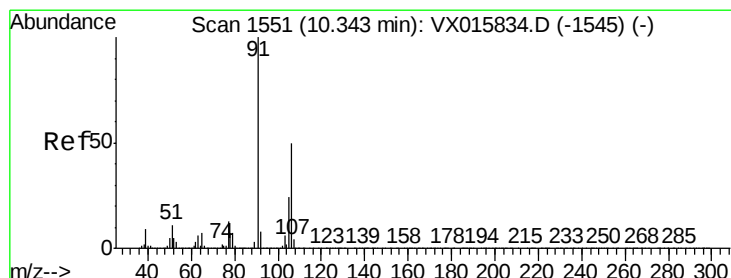
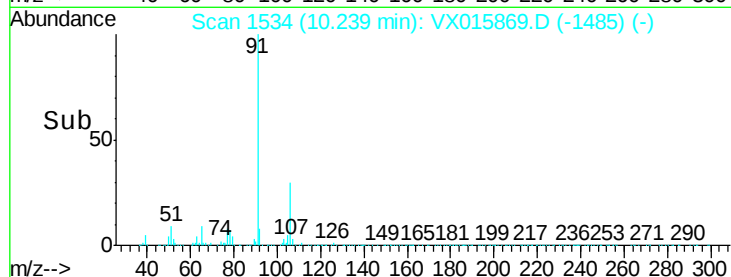
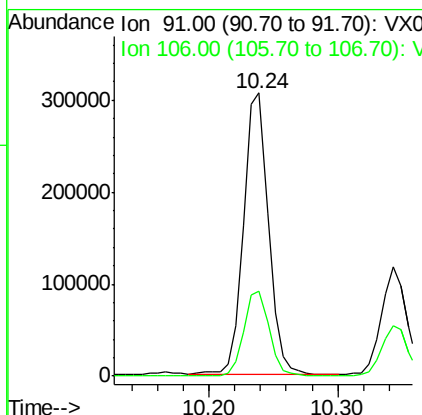
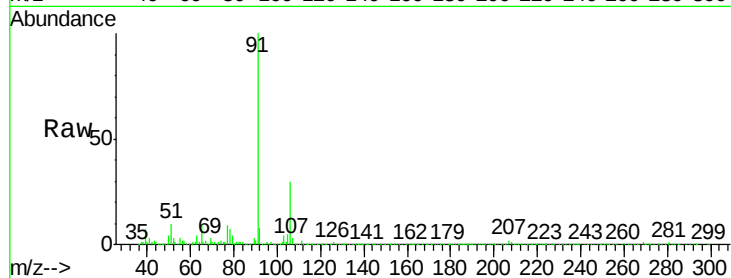
#67
Ethyl Benzene
Concen: 8.240 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion: 91 Resp: 408633
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4

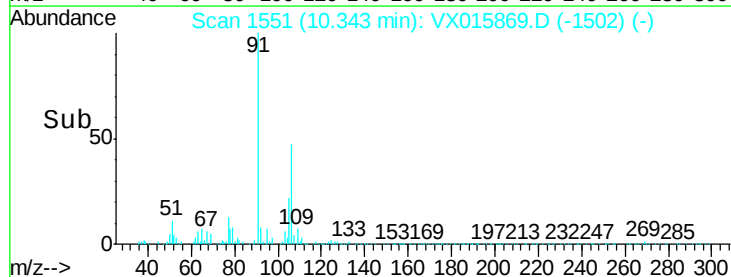
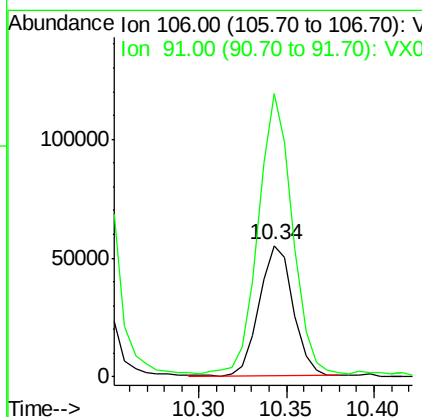
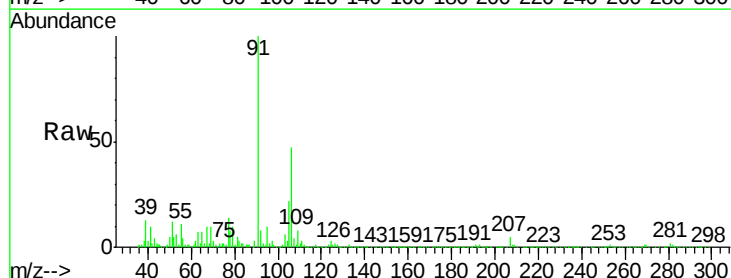
Manual Integrations
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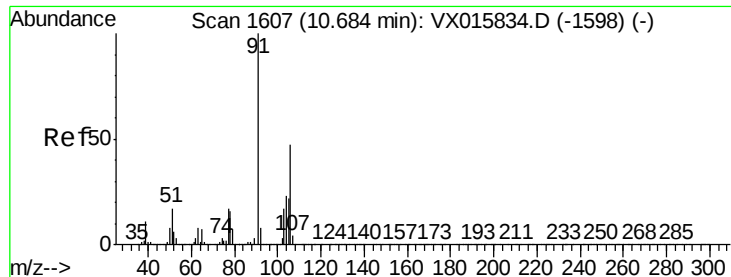
MMDadoda
4/23/2020 12:16:24 PM



#68
m/p-Xylenes
Concen: 3.994 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 106 Resp: 74349
Ion Ratio Lower Upper
106 100
91 213.8 161.1 241.7





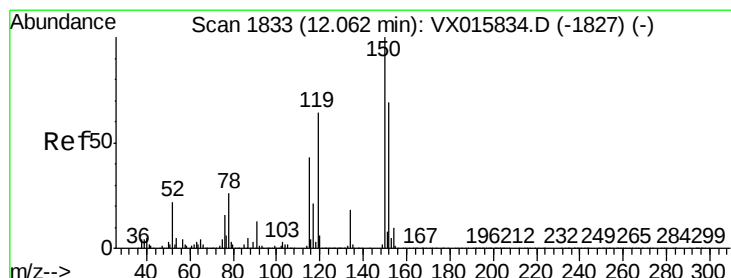
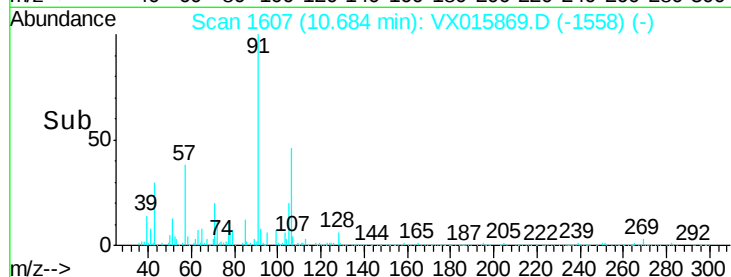
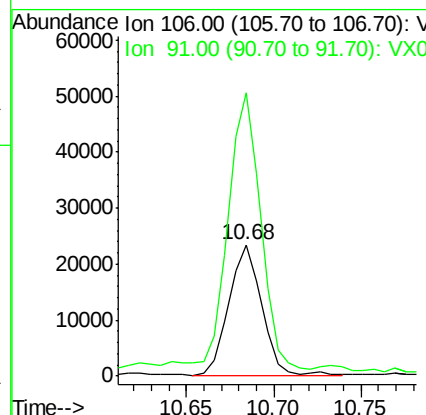
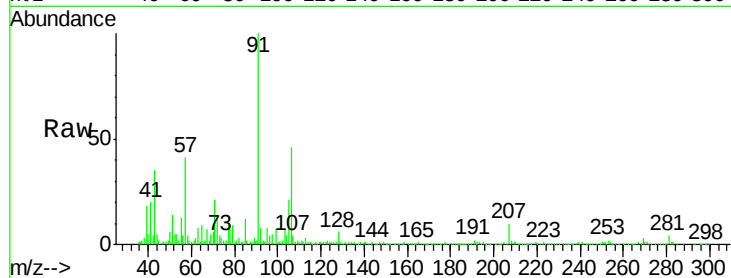
#69
o-Xylene
Concen: 1.703 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.4	107.1	321.3

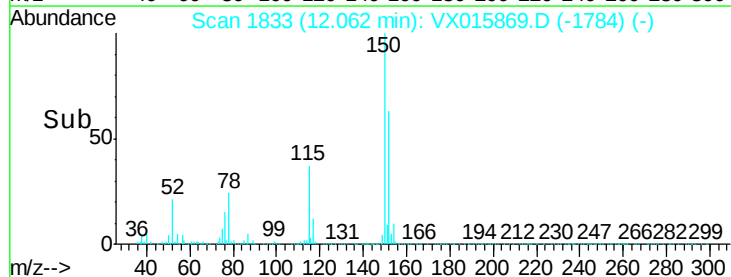
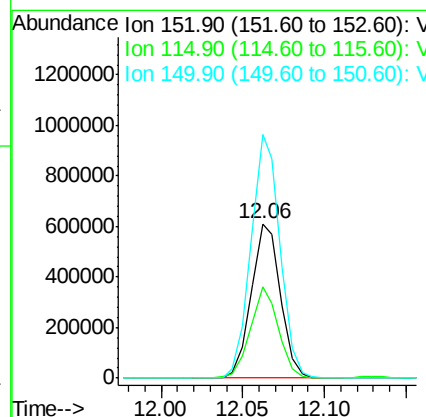
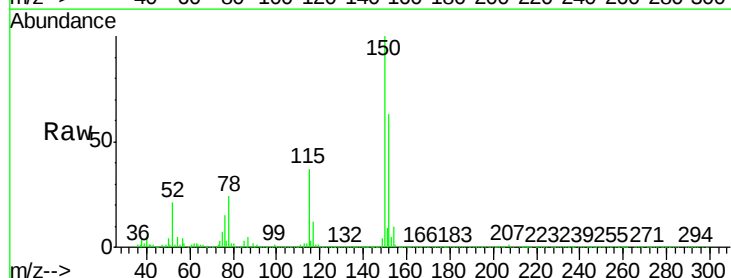
Manual Integrations
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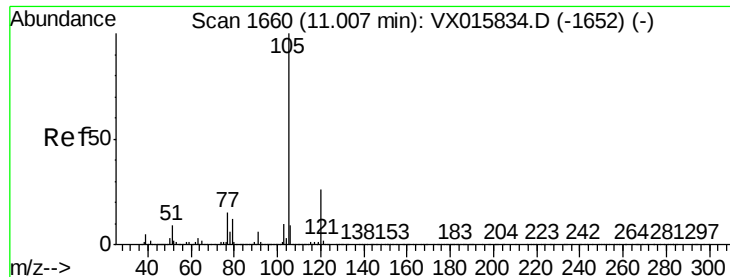
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	39.0	116.9
150	156.8	0.0	336.8





#73

Isopropylbenzene

Concen: 275.044 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion:105 Resp:13294811

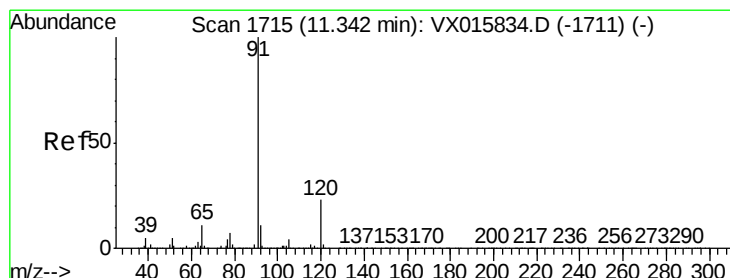
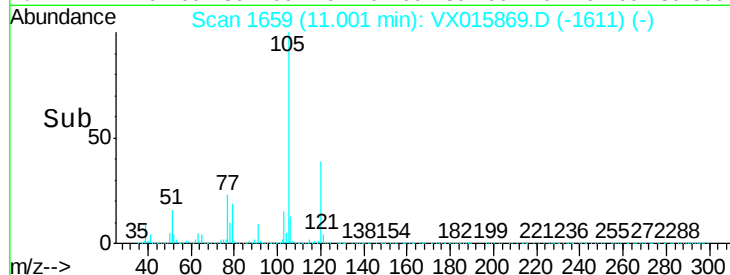
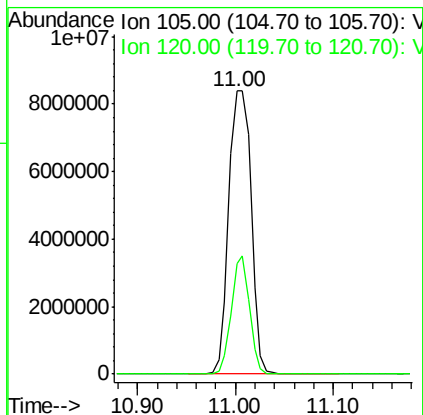
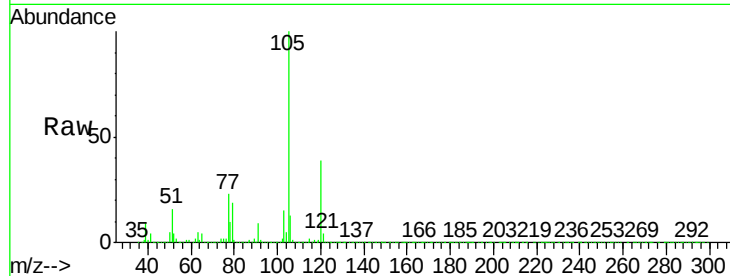
Ion Ratio Lower Upper

105 100

120 33.8 13.1 39.1

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#78

n-propylbenzene

Concen: 263.861 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015869.D

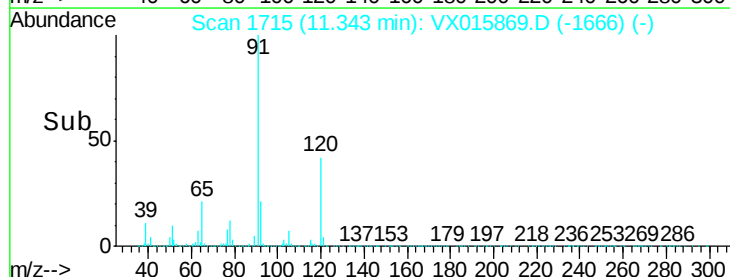
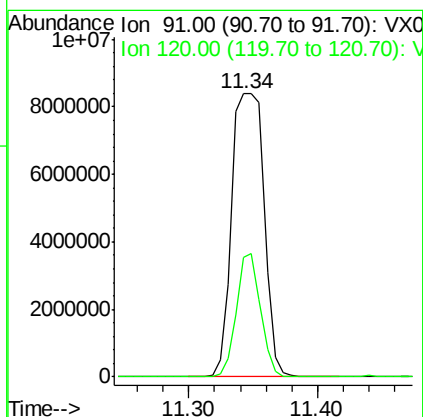
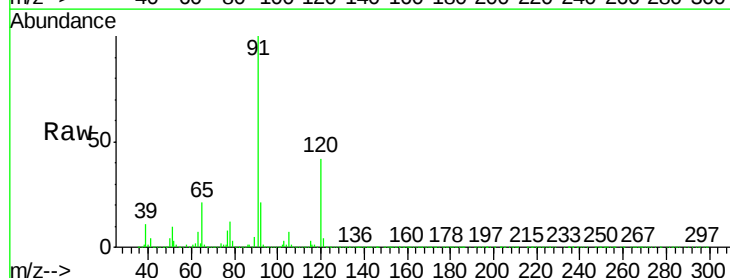
Acq: 23 Apr 2020 03:12

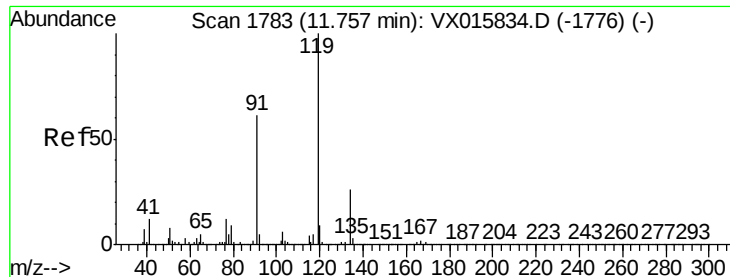
Tgt Ion: 91 Resp:14610629

Ion Ratio Lower Upper

91 100

120 32.6 11.7 35.1





#83

tert-Butylbenzene

Concen: 4.223 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

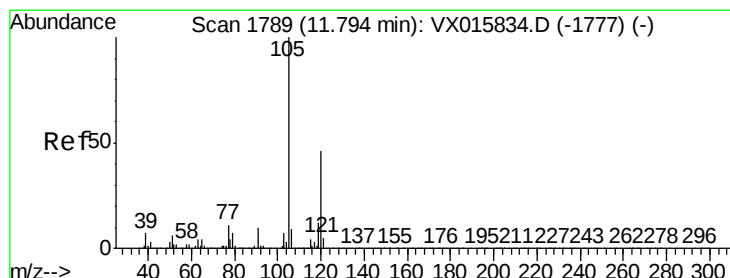
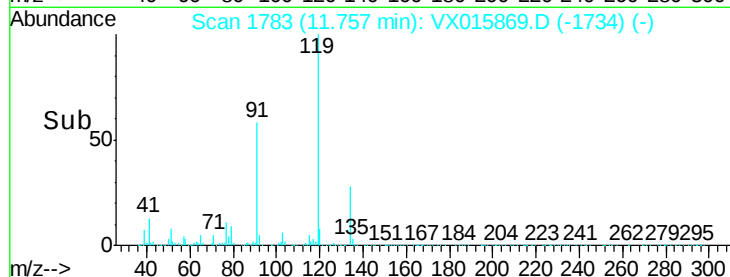
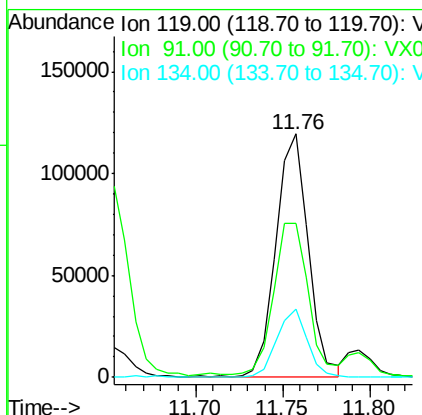
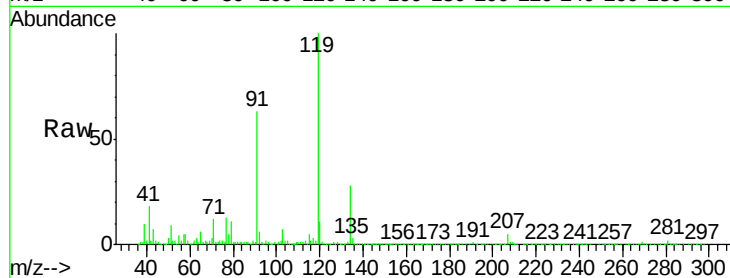
ClientSampleId :

KY001MW019-200421

Tot Ion:	119	Resp:	154397
Ion Ratio	Lower	Upper	
119	100		
91	65.8	30.9	92.7
134	26.0	12.4	37.2

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#84

1,2,4-Trimethylbenzene

Concen: 2.903 ug/l

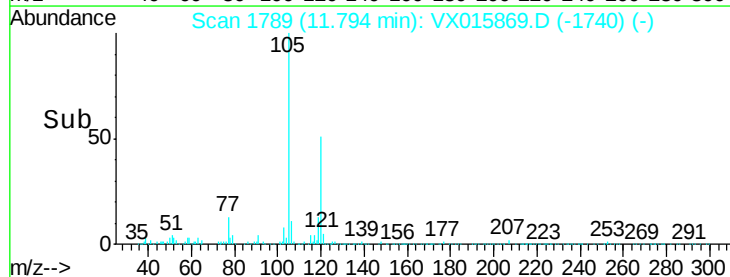
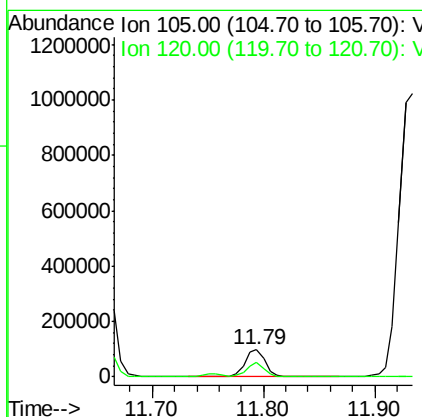
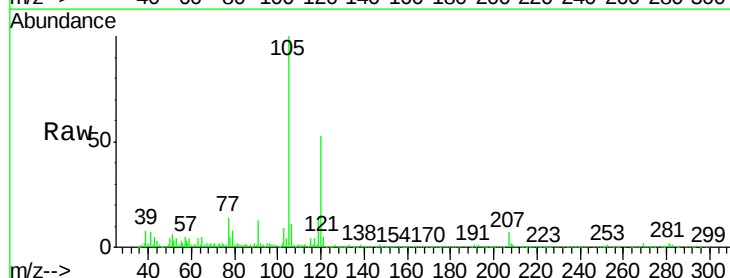
RT: 11.79 min Scan# 1789

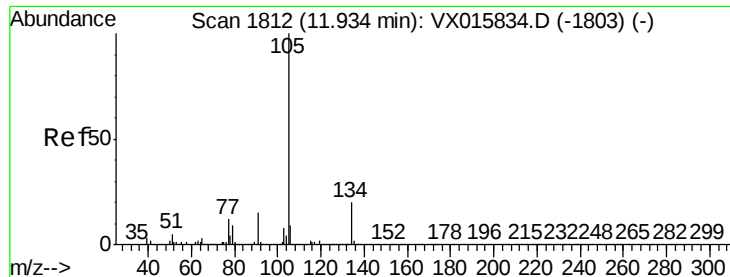
Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Tgt Ion:	105	Resp:	124218
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.9	68.7





#85

sec-Butylbenzene

Concen: 27.351 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion:105 Resp: 1318179

Ion Ratio Lower Upper

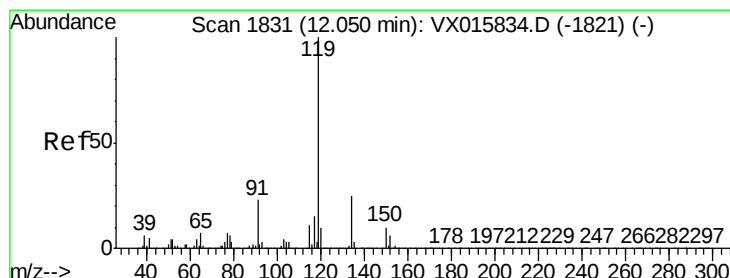
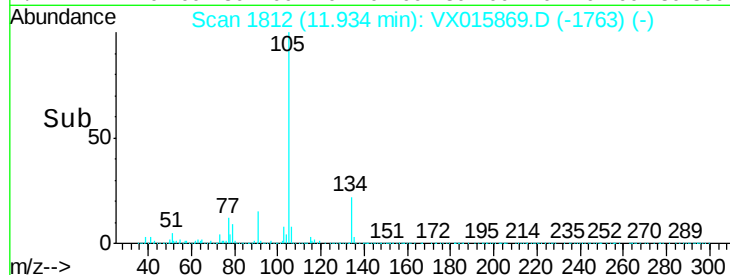
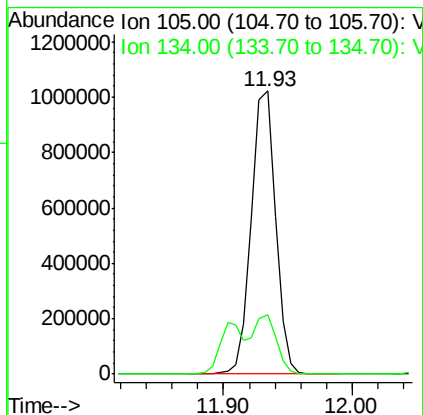
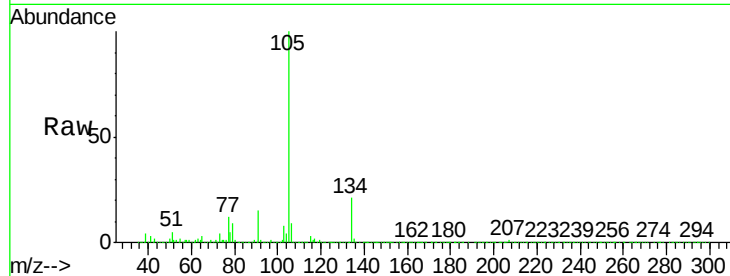
105 100

134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 1.135 ug/l m

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

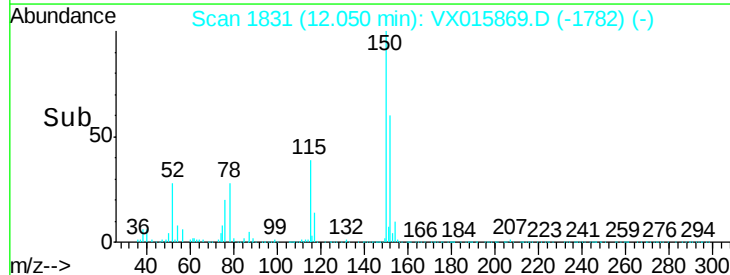
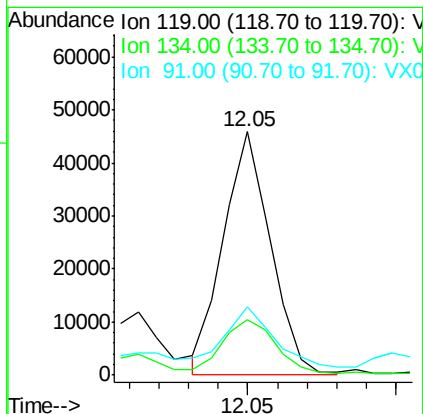
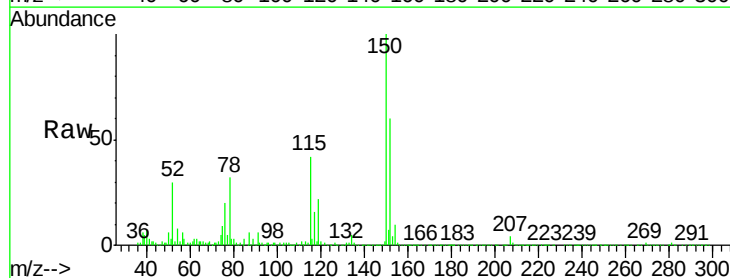
Tgt Ion:119 Resp: 51171

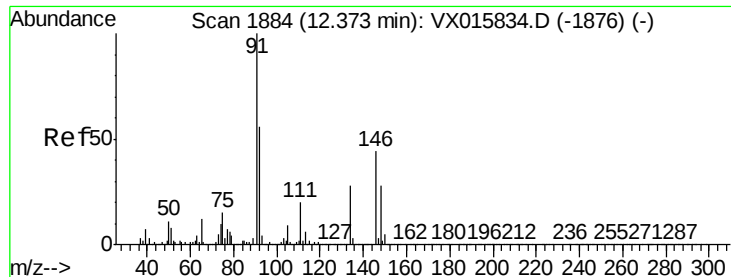
Ion Ratio Lower Upper

119 100

134 430.0 13.0 38.9#

91 375.5 11.5 34.5#





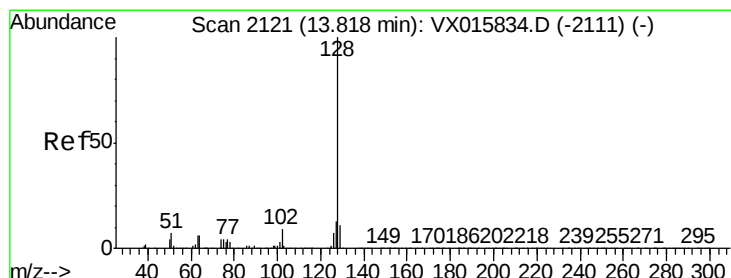
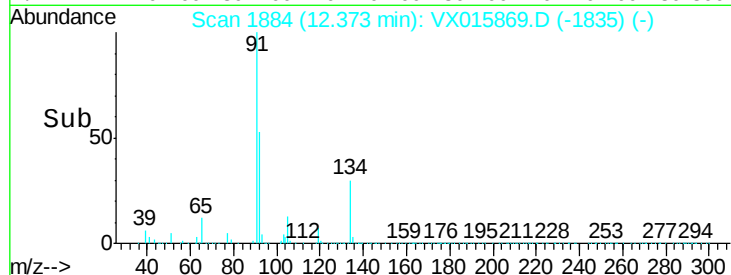
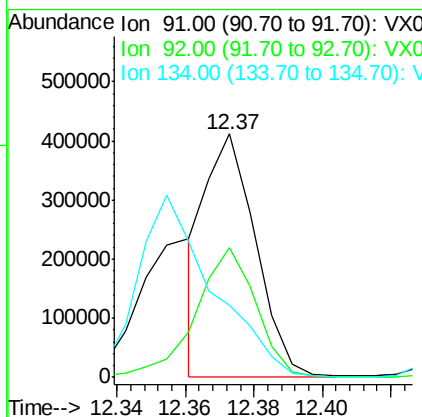
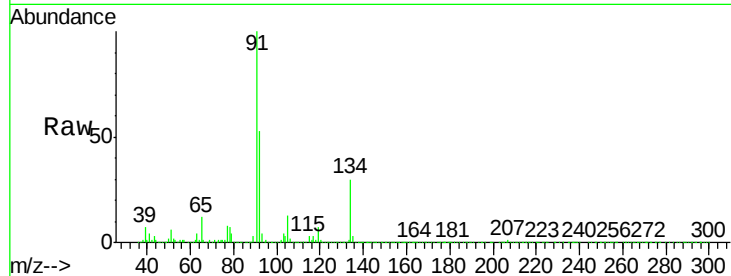
#89
n-Butylbenzene
Concen: 10.574 ug/l m
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
91	100		
92	63.4	27.7	83.1
134	109.2	14.1	42.4#

Manual Integrations
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#95
Naphthalene
Concen: 5.907 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	11.4	8.5	12.7

