

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015861.D
 Acq On : 23 Apr 2020 00:11
 Operator : JC/SP
 Sample : L2380-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-200421

Manual Integrations
 APPROVED

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 4/23/2020 12:15:21 PM

Quant Time: Apr 23 12:21:58 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	874974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1361095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1339625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	741330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	491624	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.47	113	394215	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.70	98	1613155	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	689190	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	14202	3.278	ug/l	91
31) Cyclohexane	5.56	56	435272	29.937	ug/l	96
39) Methylcyclohexane	7.44	83	867126	56.748	ug/l #	86
40) Benzene	6.12	78	82982	2.283	ug/l	99
52) Toluene	8.77	92	42395	1.820	ug/l	93
67) Ethyl Benzene	10.24	91	288112	6.125	ug/l	98
68) m/p-Xylenes	10.34	106	69166	3.917	ug/l	96
69) o-Xylene	10.68	106	12882	0.741	ug/l	96
73) Isopropylbenzene	11.00	105	10486136	222.722	ug/l	94
78) n-propylbenzene	11.34	91	10089758	187.074	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	67310m	1.677	ug/l	
83) tert-Butylbenzene	11.76	119	201518	5.659	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	136970	3.286	ug/l	100
85) sec-Butylbenzene	11.93	105	677370	14.430	ug/l	92
86) p-Isopropyltoluene	12.05	119	39165m	0.892	ug/l	
89) n-Butylbenzene	12.37	91	193221m	4.923	ug/l	
95) Naphthalene	13.82	128	431198	8.493	ug/l #	93

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

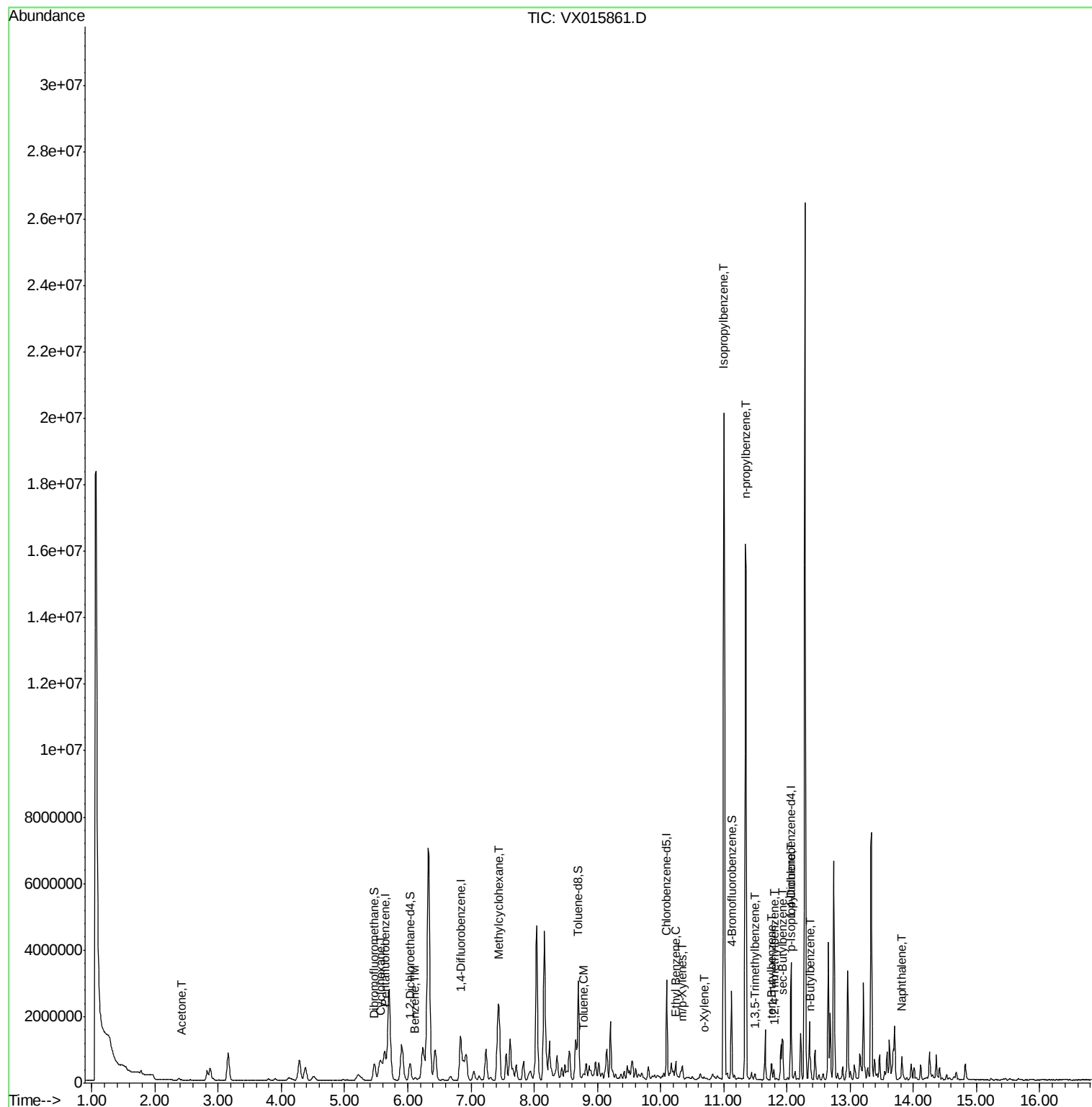
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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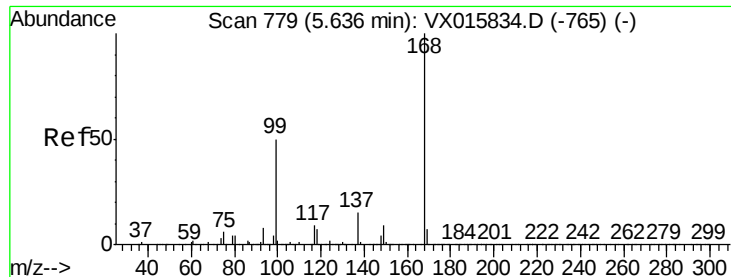
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-200421

Tot Ion:168 Resp: 874974

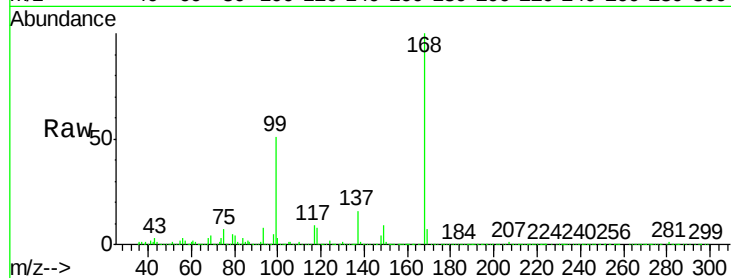
Ion Ratio Lower Upper

168 100

99 50.9 40.3 60.5

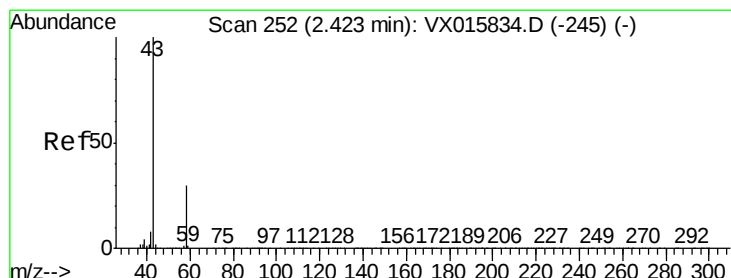
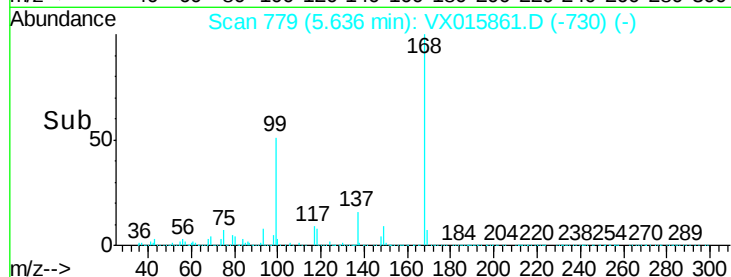
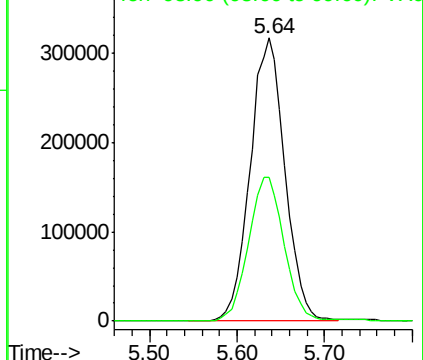
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.278 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.00 min

Lab File: VX015861.D

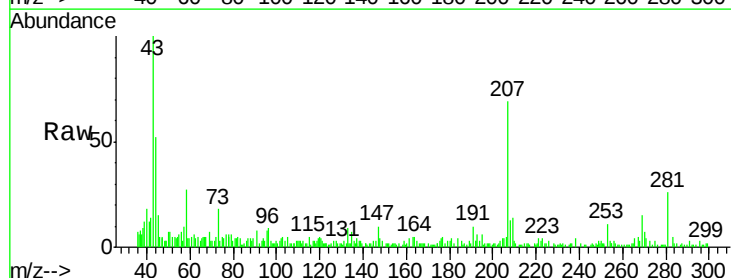
Acq: 23 Apr 2020 00:11

Tgt Ion: 43 Resp: 14202

Ion Ratio Lower Upper

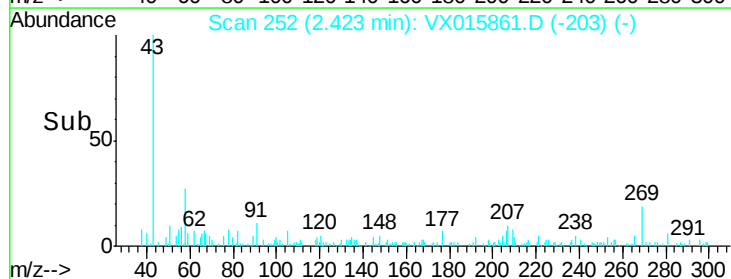
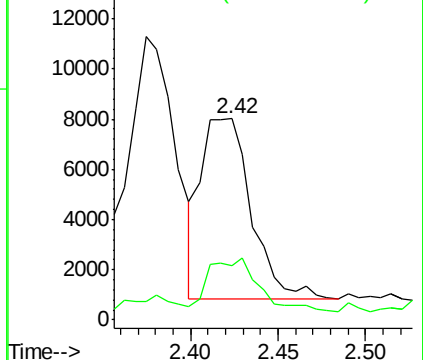
43 100

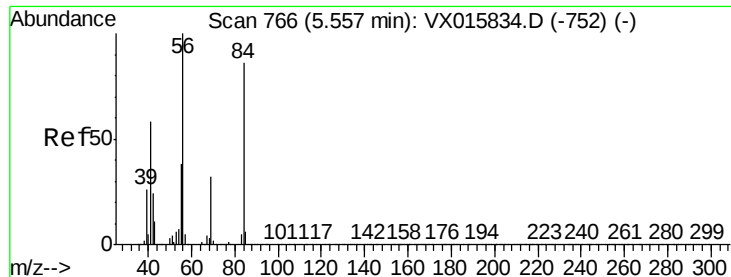
58 25.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 29.937 ug/l

RT: 5.56 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Instrument :

MSVOA_X

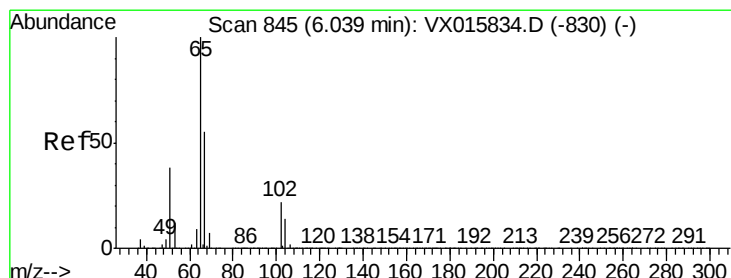
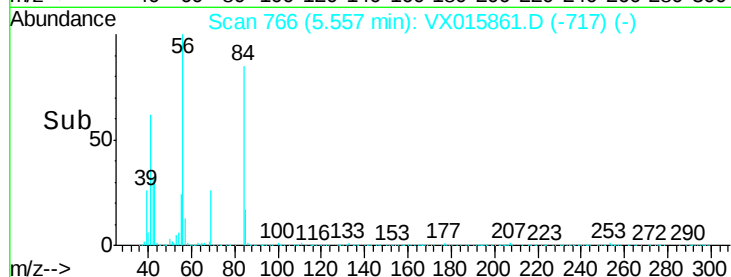
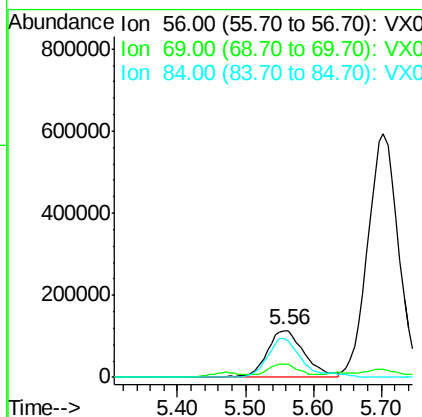
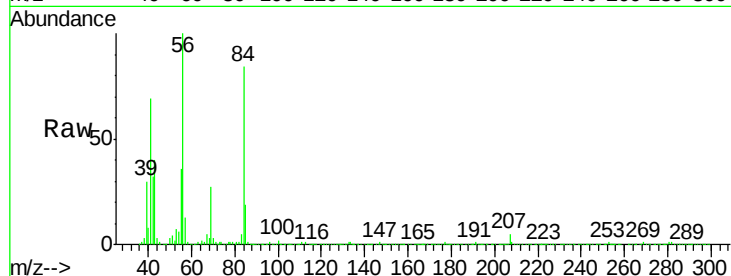
ClientSampleId :

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Tot Ion:	56	Resp:	435272
Ion Ratio	Lower	Upper	
56	100		
69	26.8	25.3	37.9
84	84.1	69.1	103.7

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#33

1,2-Dichloroethane-d4

Concen: 49.402 ug/l

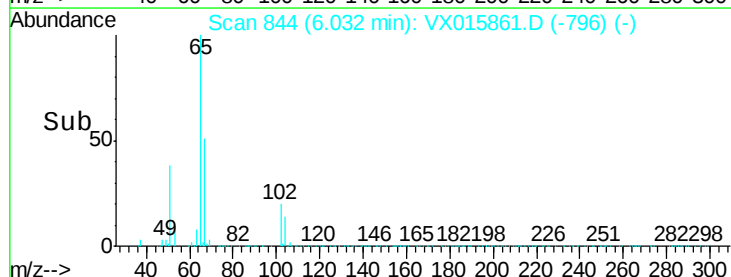
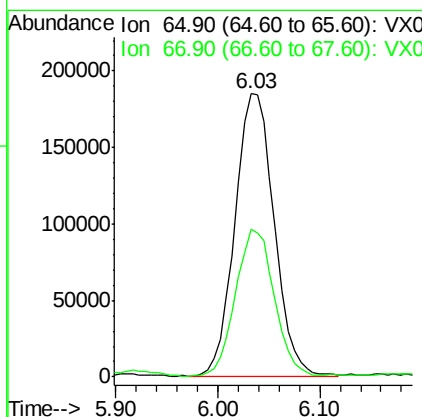
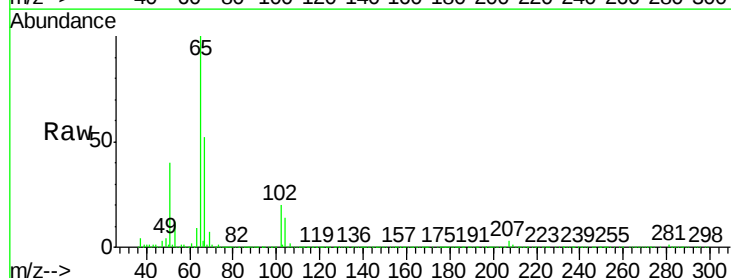
RT: 6.03 min Scan# 844

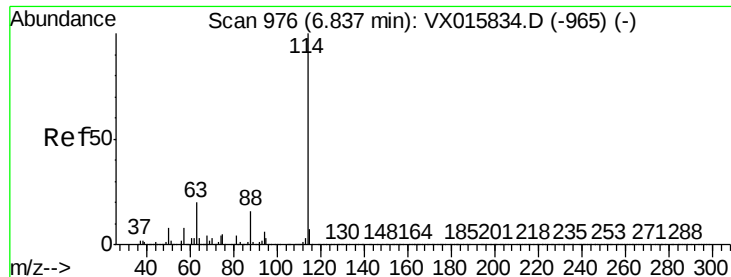
Delta R.T. -0.01 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Tgt Ion:	65	Resp:	491624
Ion Ratio	Lower	Upper	
65	100		
67	51.0	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: VX015861.D

Acq: 23 Apr 2020 00:11

Instrument :

MSVOA_X

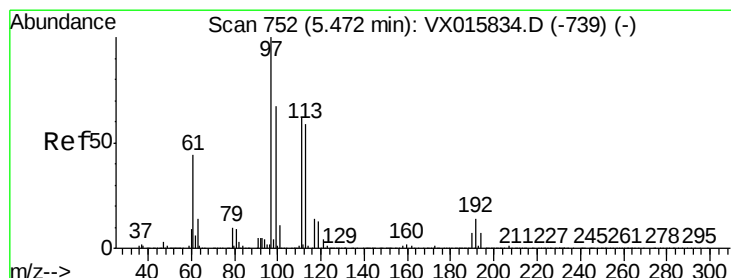
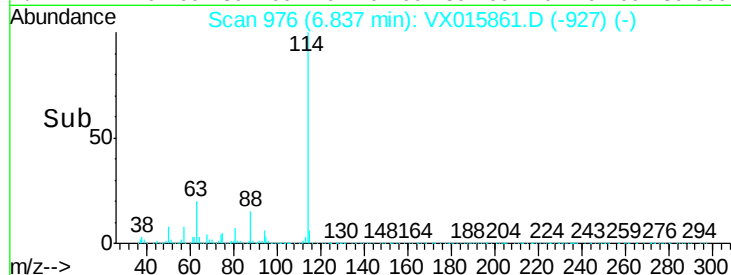
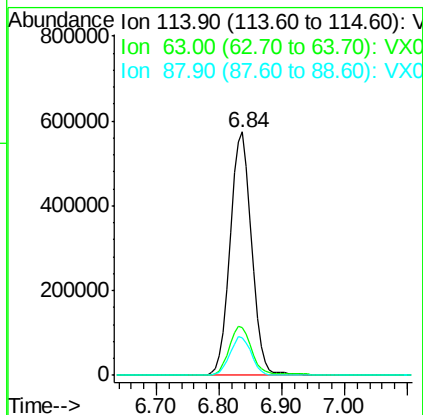
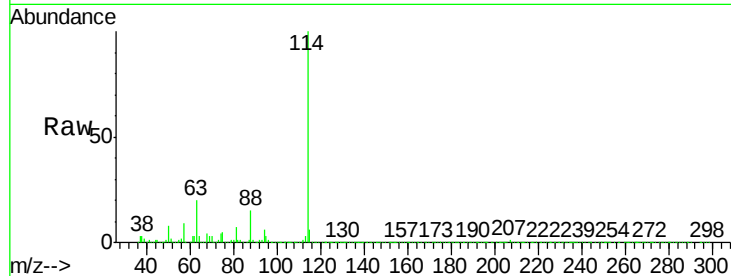
ClientSampleId :

KY001MW020-200421

Tot Ion:	114	Resp:	1361095
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.4	0.0	32.8

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#35

Dibromofluoromethane

Concen: 50.176 ug/l

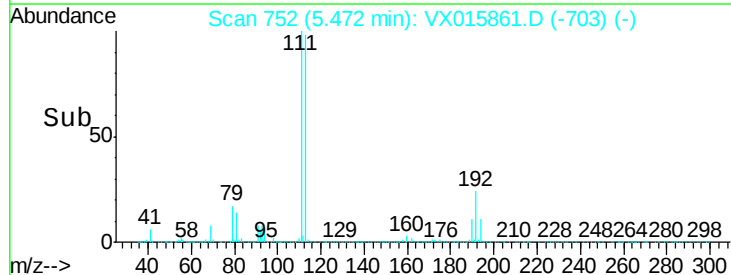
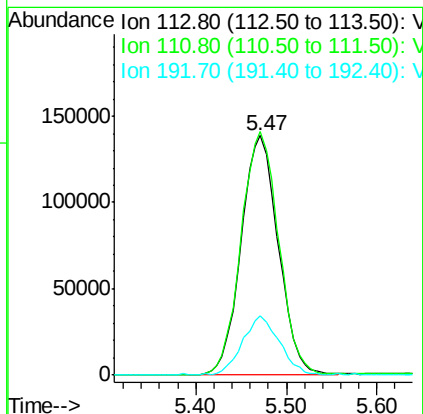
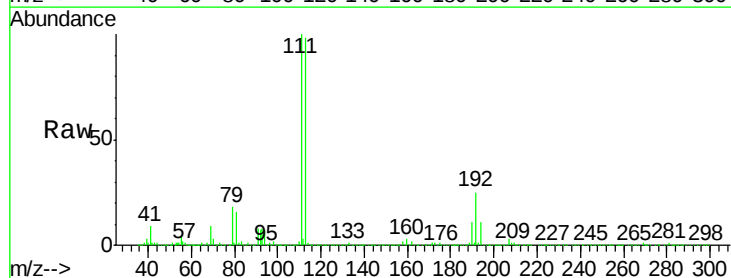
RT: 5.47 min Scan# 752

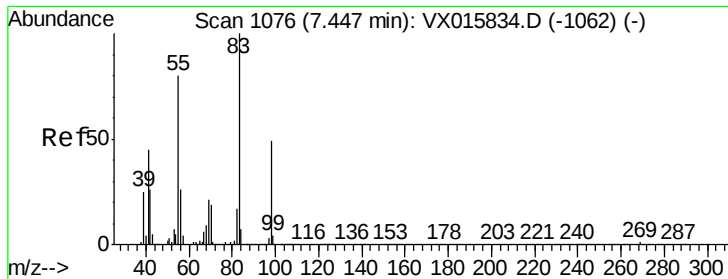
Delta R.T. -0.00 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Tgt Ion:	113	Resp:	394215
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	24.6	19.3	28.9





#39

Methvlcvclohexane

Concen: 56.748 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Instrument :

MSVOA_X

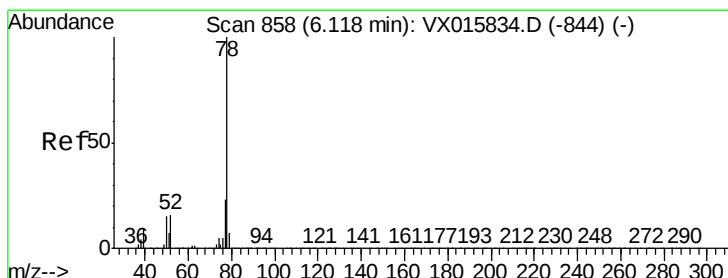
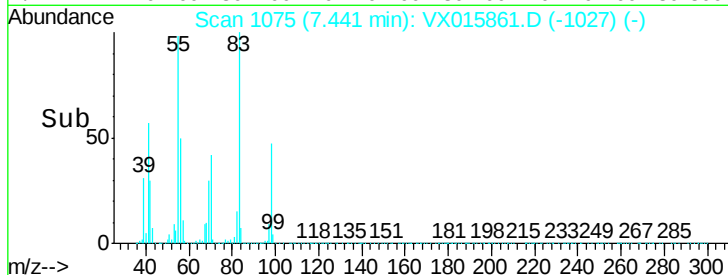
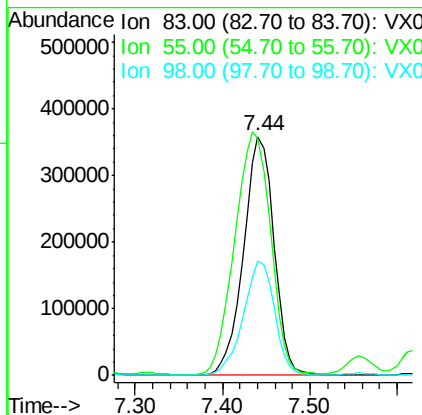
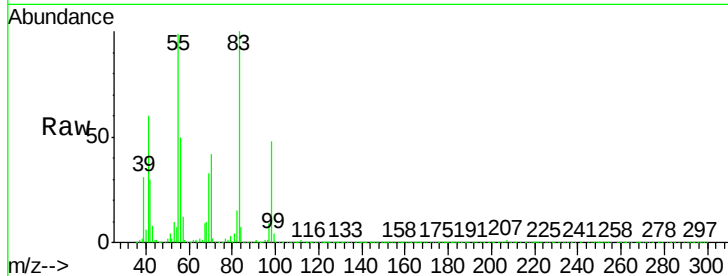
ClientSampleId :

KY001MW020-200421

Tot Ion:	83	Resp:	867126
Ion	Ratio	Lower	Upper
83	100		
55	99.0	64.2	96.4#
98	48.1	39.3	58.9

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#40

Benzene

Concen: 2.283 ug/l

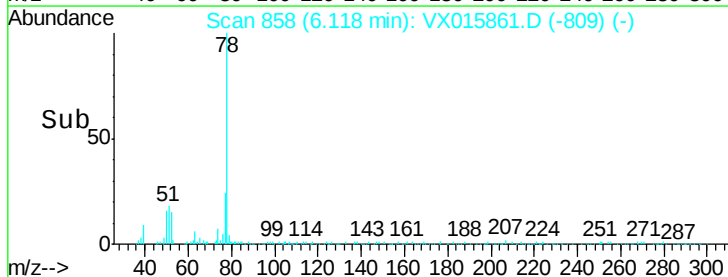
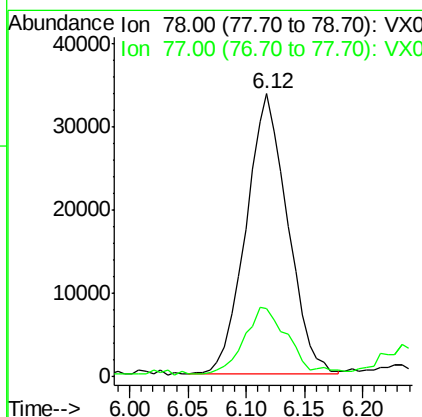
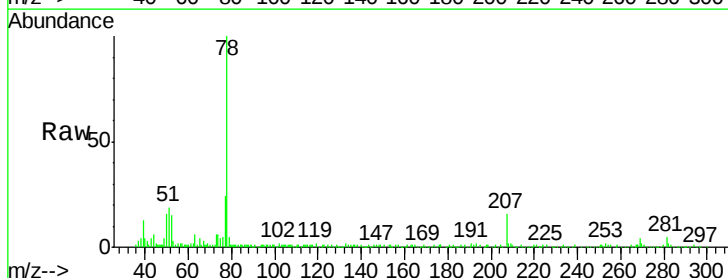
RT: 6.12 min Scan# 858

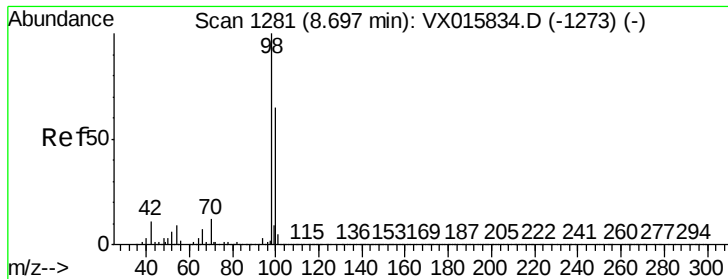
Delta R.T. -0.00 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Tgt Ion:	78	Resp:	82982
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





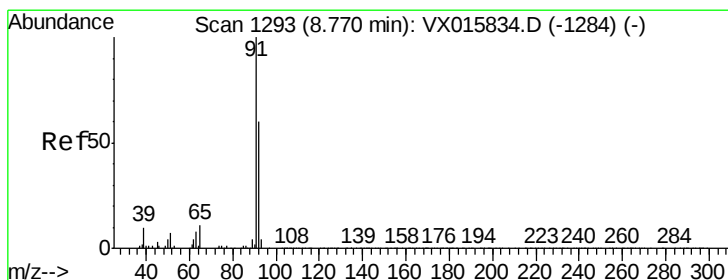
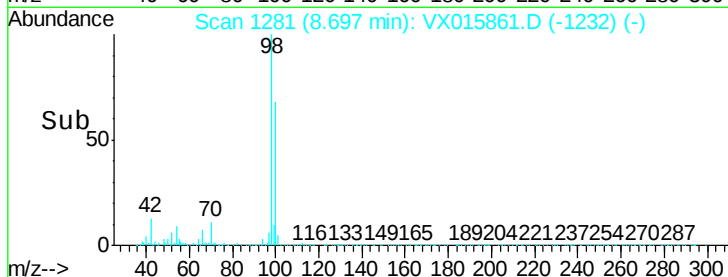
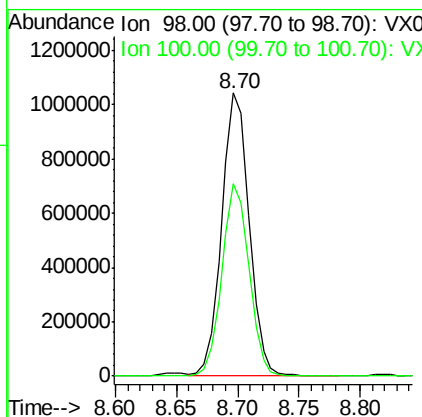
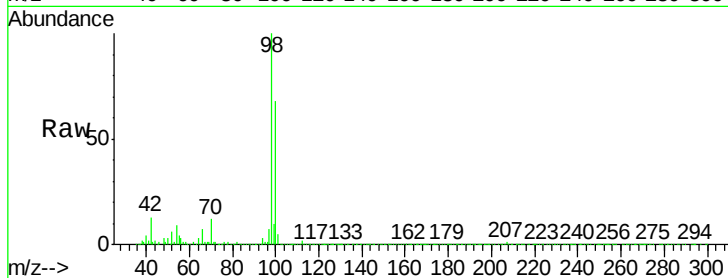
#50
Toluene-d8
Concen: 51.005 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

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Tot Ion: 98 Resp: 1613155
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.6

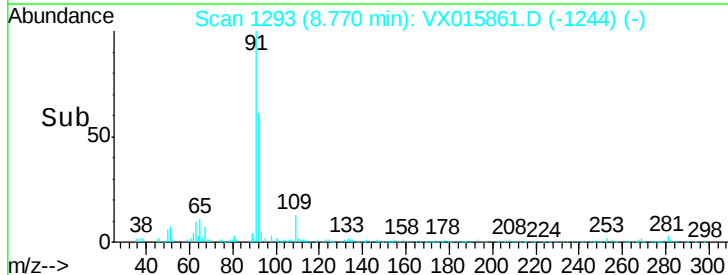
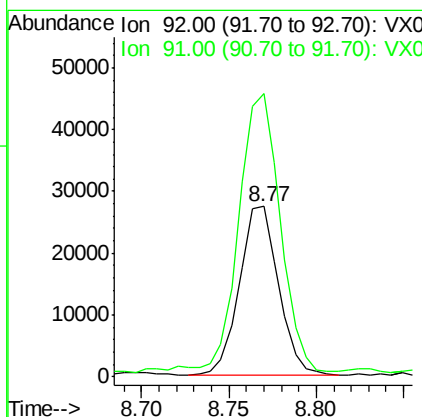
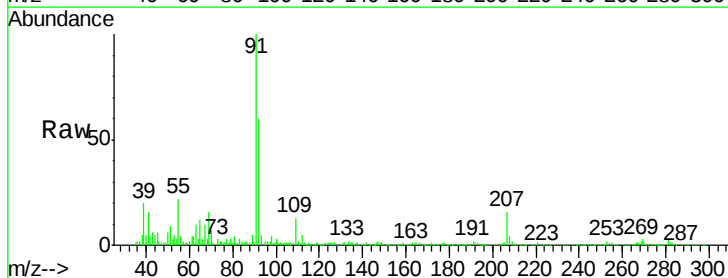
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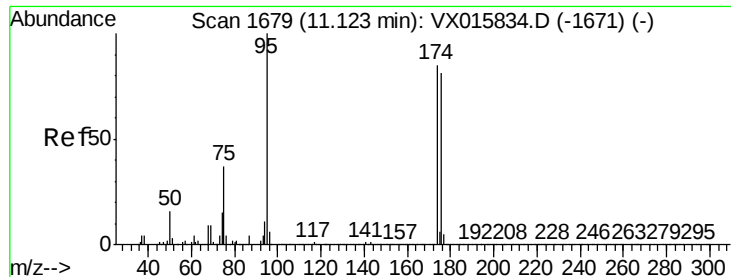
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#52
Toluene
Concen: 1.820 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion: 92 Resp: 42395
Ion Ratio Lower Upper
92 100
91 176.4 133.4 200.0





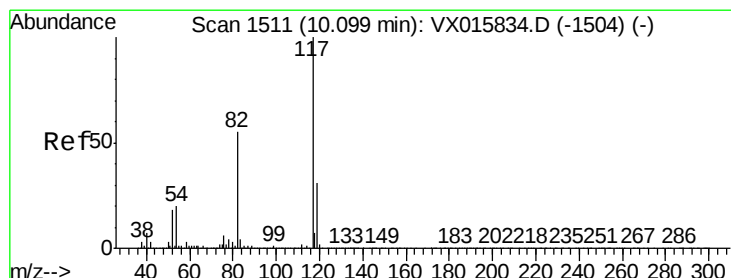
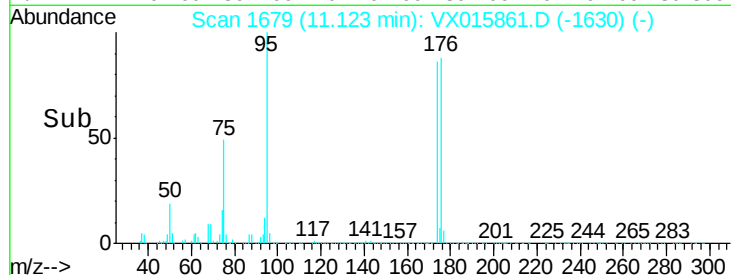
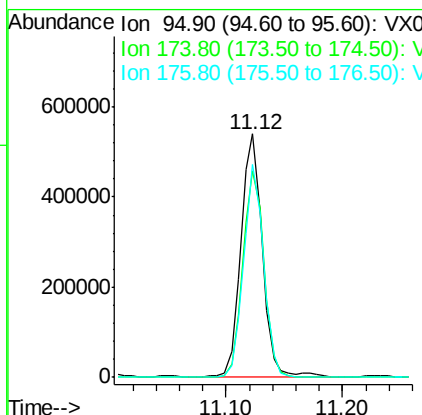
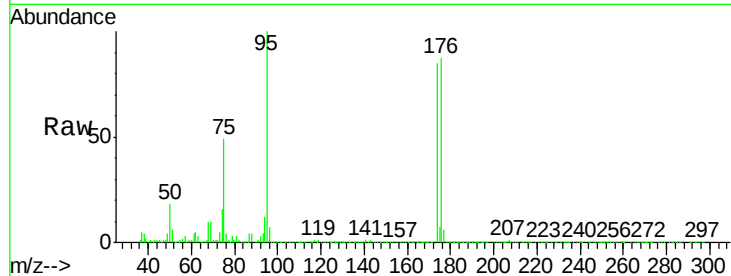
#62
4-Bromofluorobenzene
Concen: 53.119 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	689190		
174	84.4	0.0	172.4	
176	82.4	0.0	167.0	

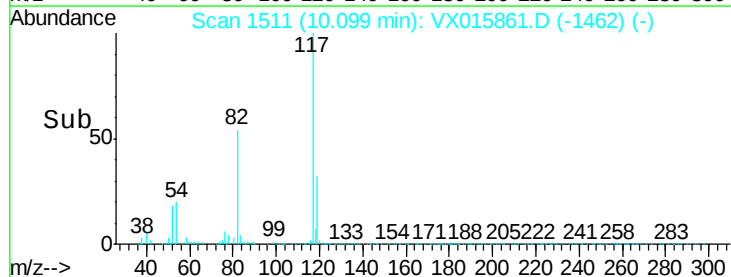
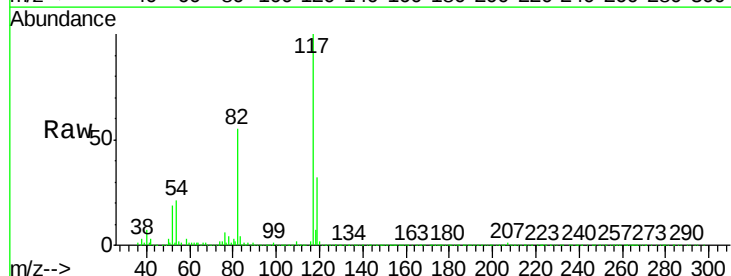
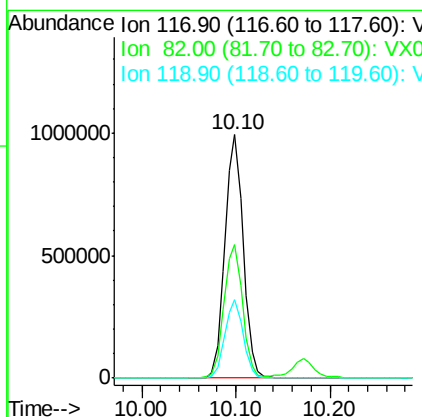
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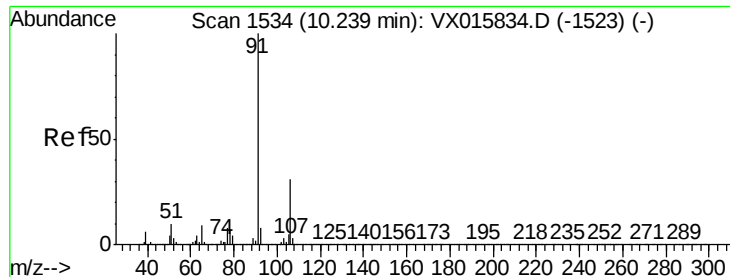
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1339625		
82	54.4	43.9	65.9	
119	32.0	25.1	37.7	





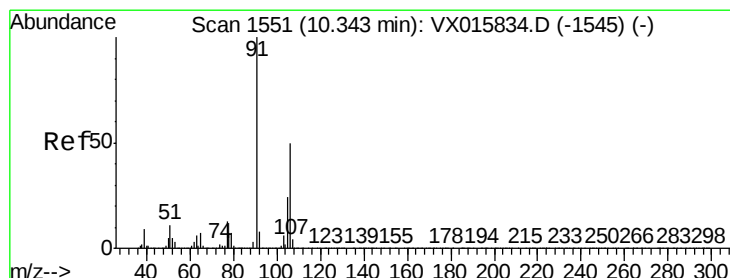
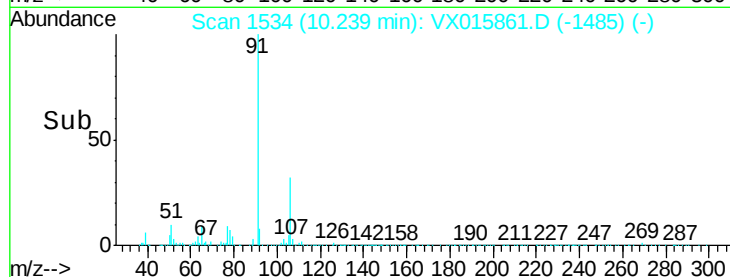
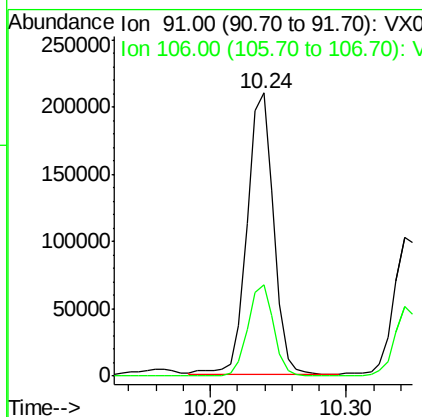
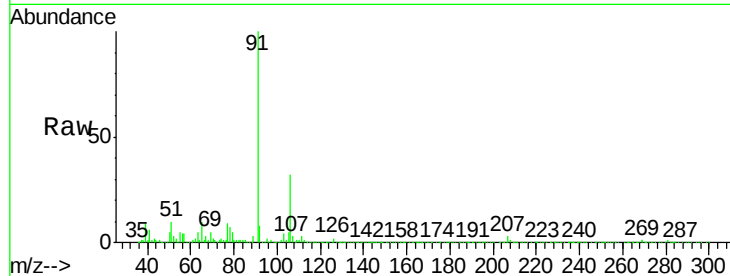
#67
Ethyl Benzene
Concen: 6.125 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
91	100	288112		
106	32.2	25.0	37.4	

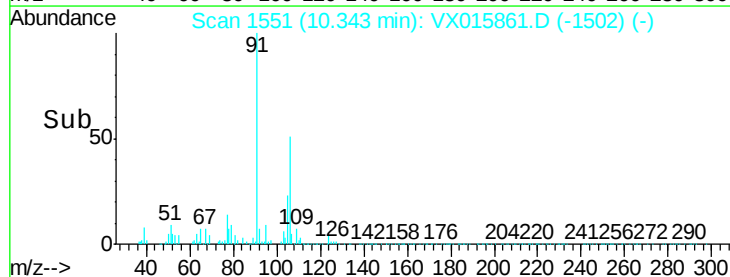
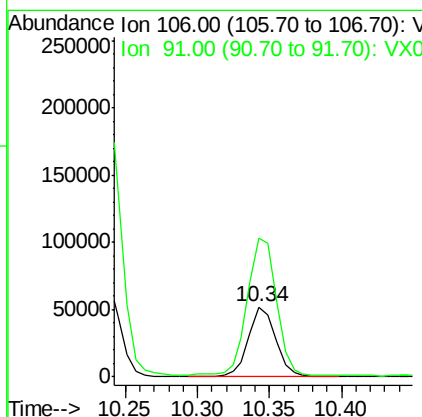
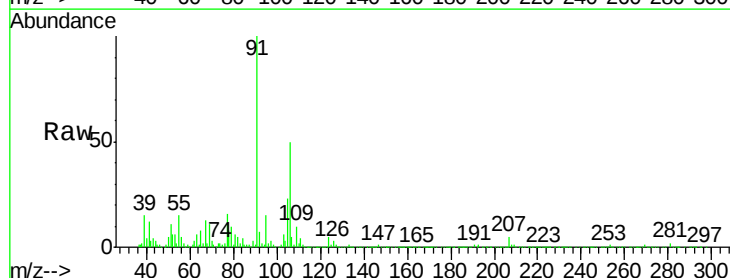
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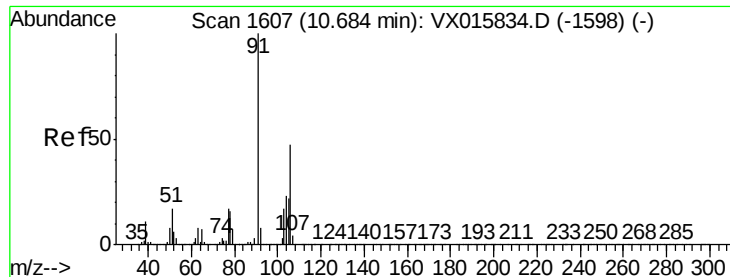
MMDadoda
4/23/2020 12:15:21 PM



#68
m/p-Xylenes
Concen: 3.917 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	69166		
91	207.1	161.1	241.7	





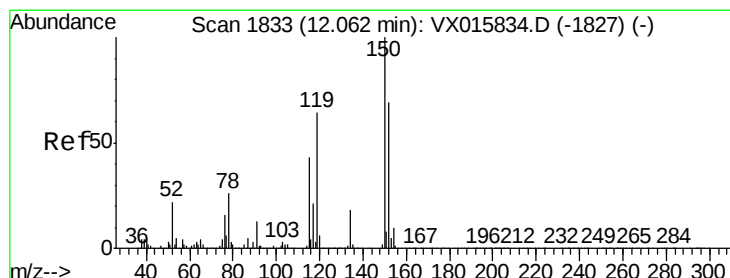
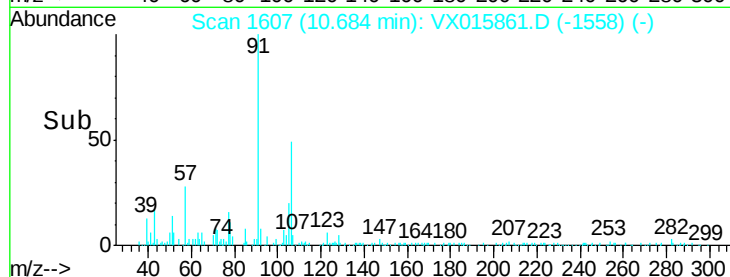
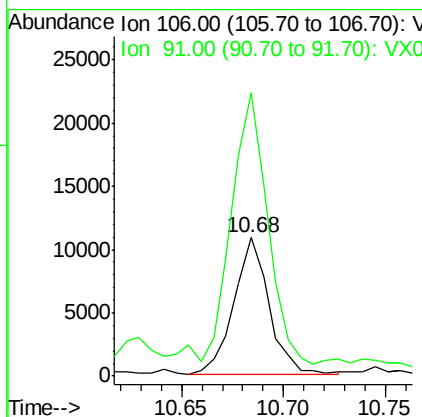
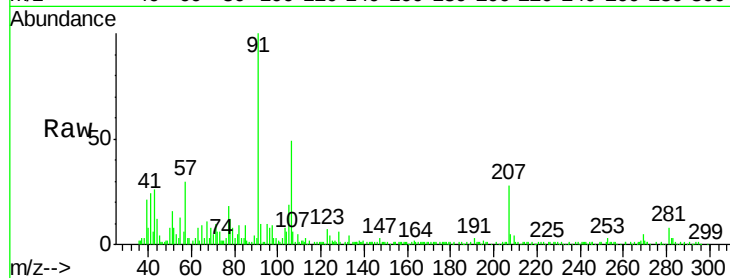
#69
o-Xylene
Concen: 0.741 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-200421

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.6	107.1	321.3

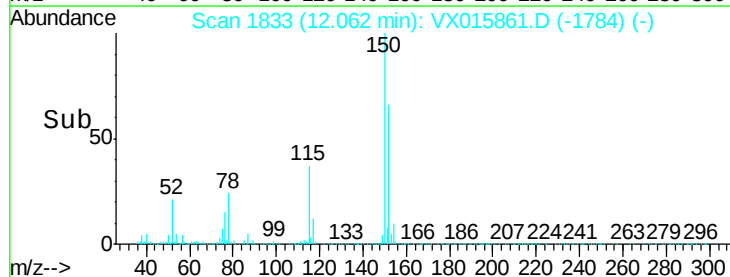
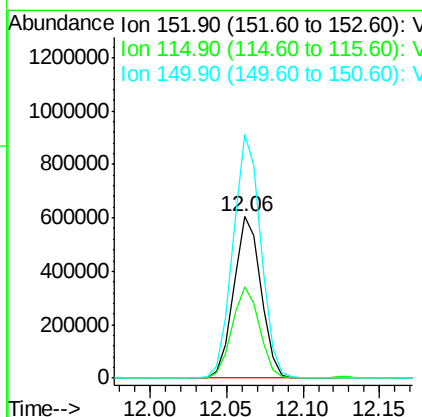
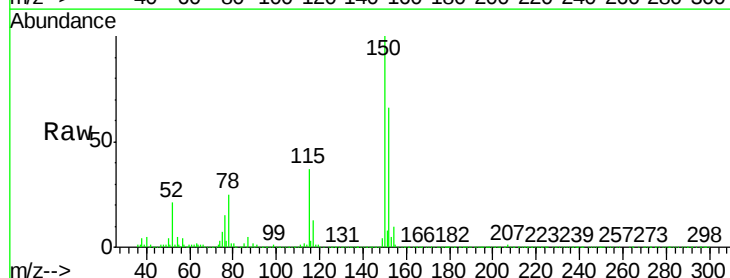
Manual Integrations
APPROVED

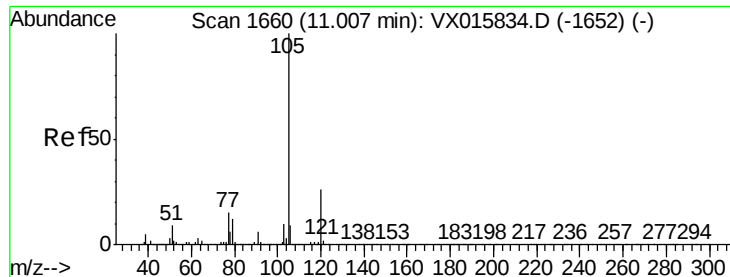
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	153.7	0.0	336.8





#73

Isopropylbenzene

Concen: 222.722 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015861.D

Acq: 23 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-200421

Tot Ion:105 Resp:10486136

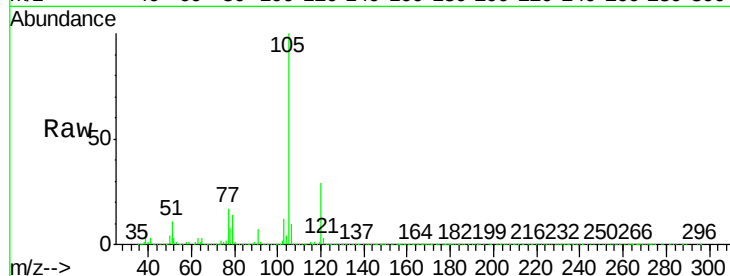
Ion Ratio Lower Upper

105 100

120 29.2 13.1 39.1

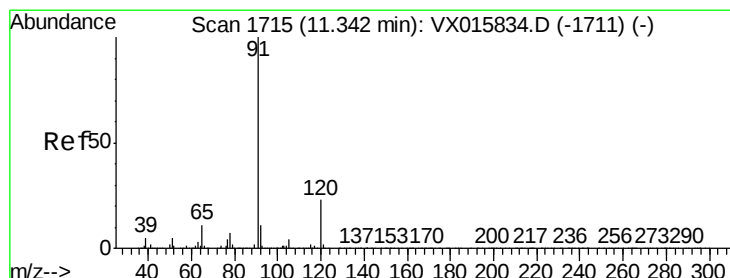
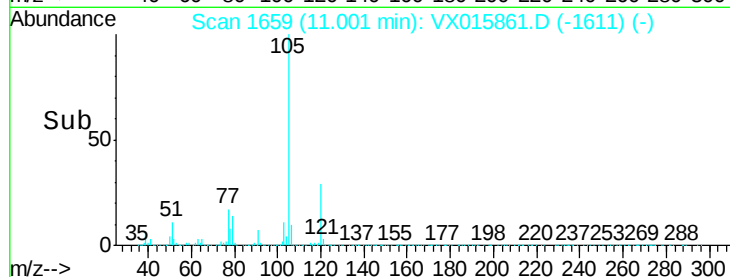
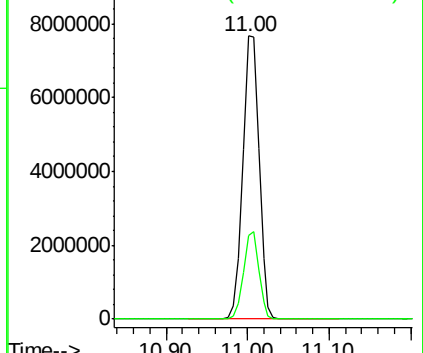
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 187.074 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015861.D

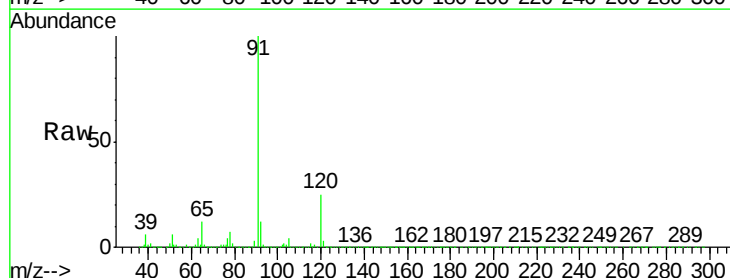
Acq: 23 Apr 2020 00:11

Tgt Ion: 91 Resp:10089758

Ion Ratio Lower Upper

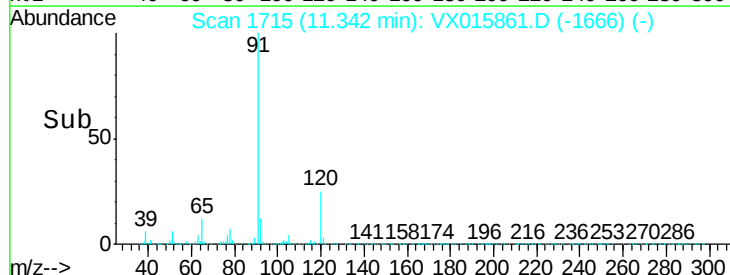
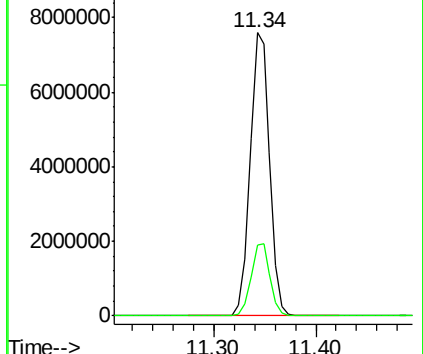
91 100

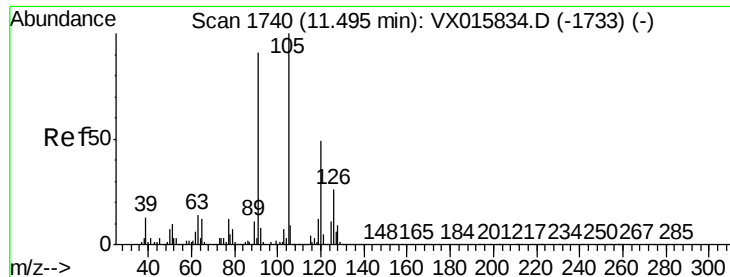
120 24.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





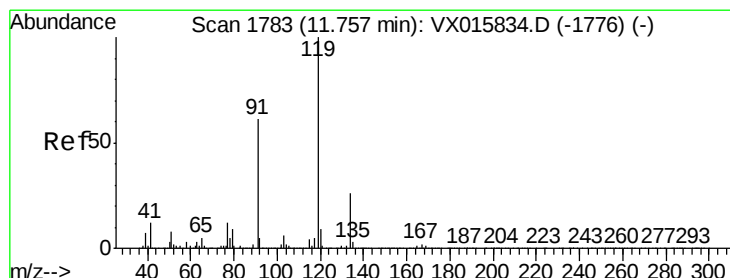
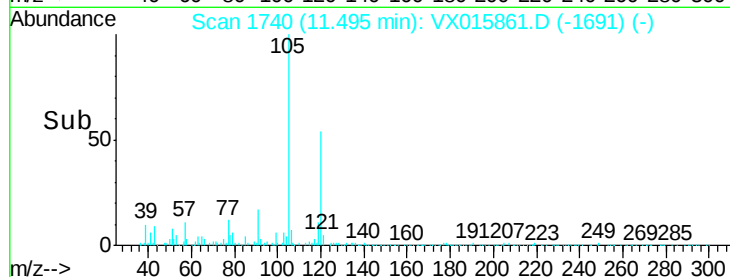
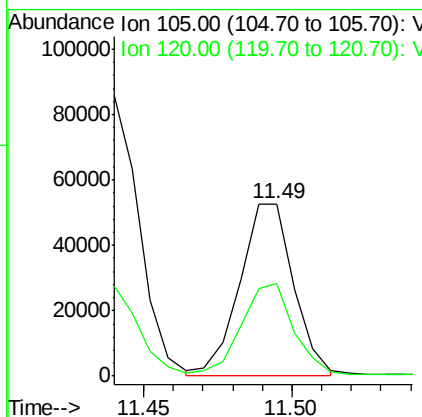
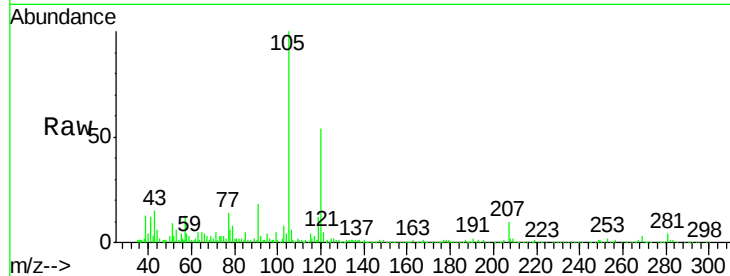
#80
1,3,5-Trimethylbenzene
Concen: 1.677 ug/l m
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-200421

Tot Ion:105 Resp: 67310
Ion Ratio Lower Upper
105 100
120 324.1 24.9 74.7#

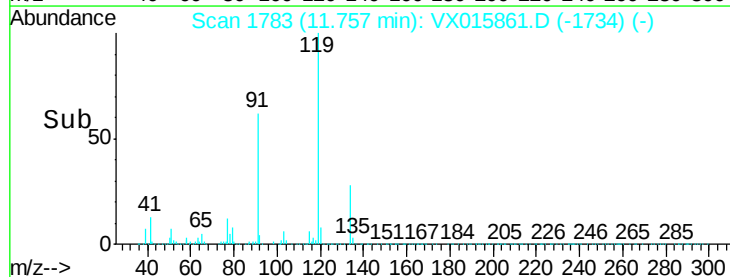
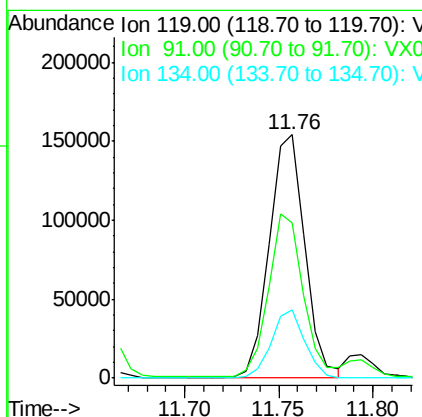
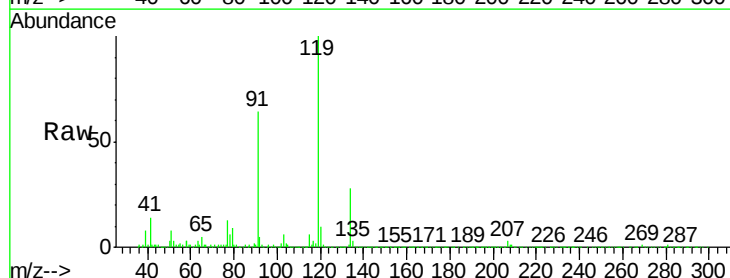
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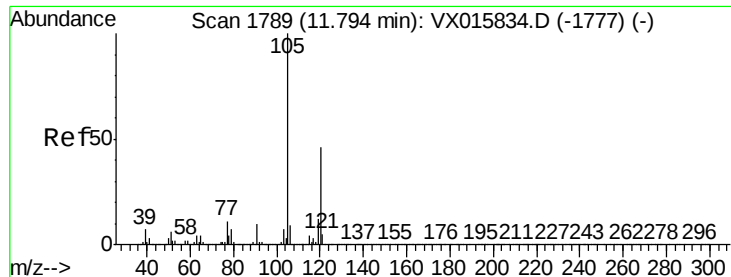
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#83
tert-Butylbenzene
Concen: 5.659 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion:119 Resp: 201518
Ion Ratio Lower Upper
119 100
91 65.8 30.9 92.7
134 26.8 12.4 37.2





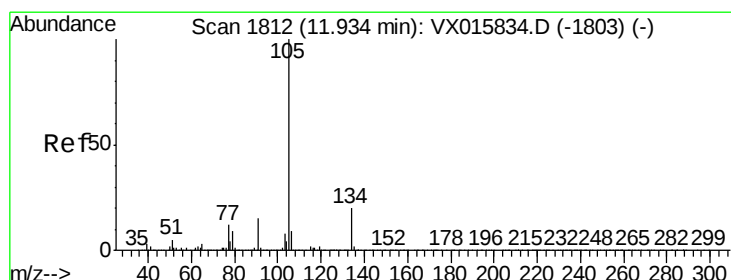
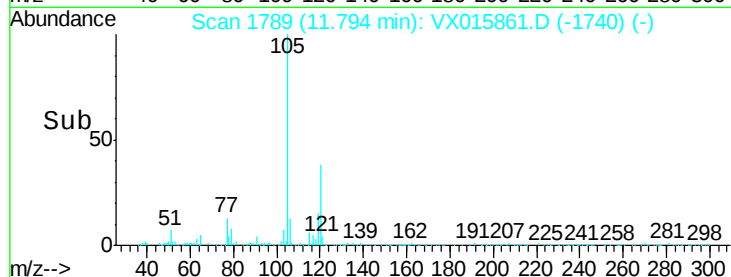
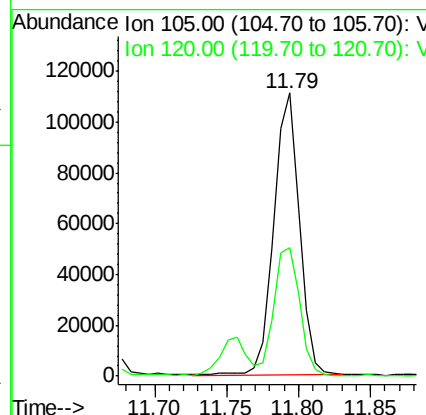
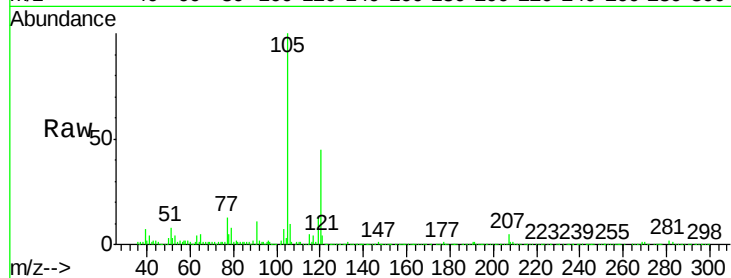
#84
 1,2,4-Trimethylbenzene
 Concen: 3.286 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015861.D
 Acq: 23 Apr 2020 00:11

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-200421

Tot Ion:105 Resp: 136970
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7

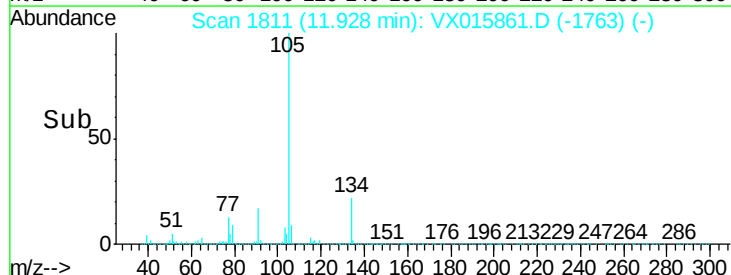
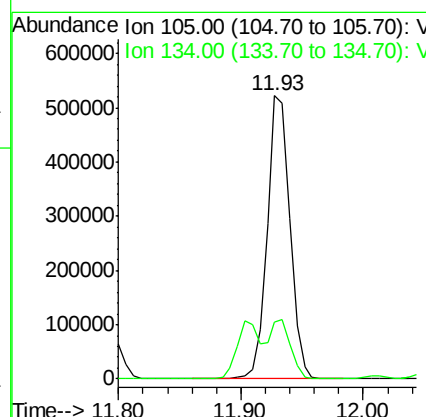
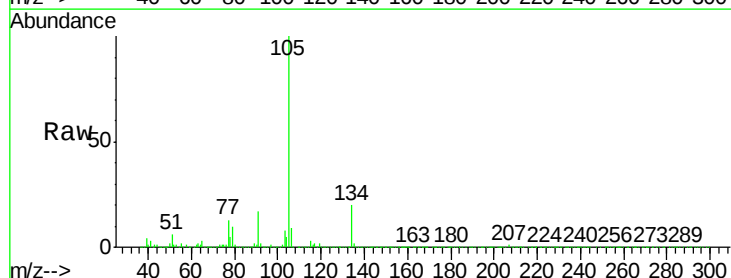
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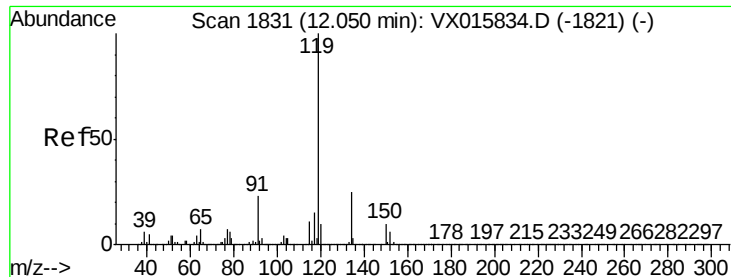
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#85
 sec-Butylbenzene
 Concen: 14.430 ug/l
 RT: 11.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VX015861.D
 Acq: 23 Apr 2020 00:11

Tgt Ion:105 Resp: 677370
 Ion Ratio Lower Upper
 105 100
 134 16.7 10.3 30.8





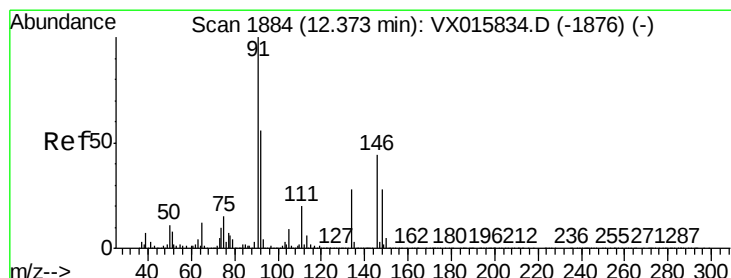
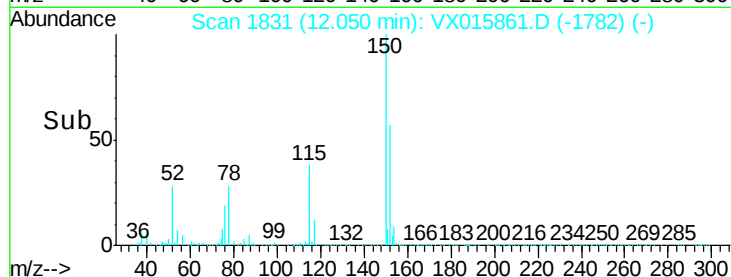
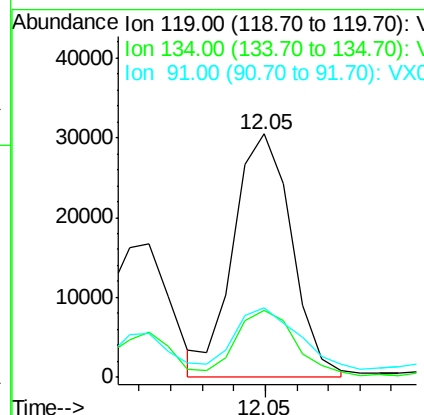
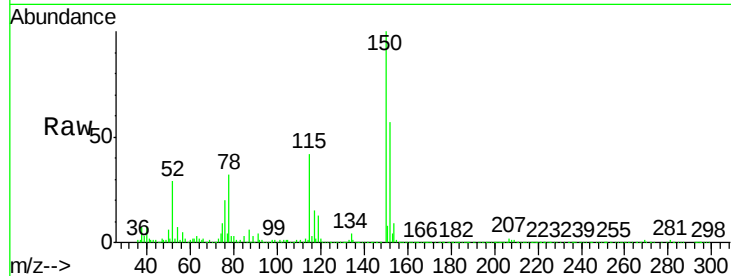
#86
p-Isopropyltoluene
Concen: 0.892 ug/l m
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-200421

Tot Ion	Ratio	Resp	Lower	Upper
119	100	39165		
134	460.3	13.0	38.9#	
91	401.6	11.5	34.5#	

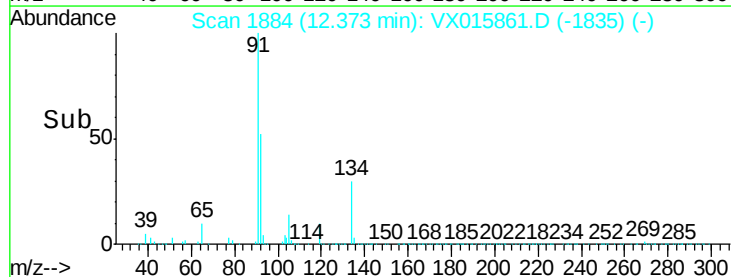
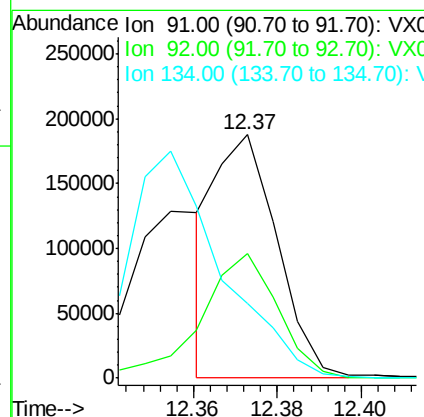
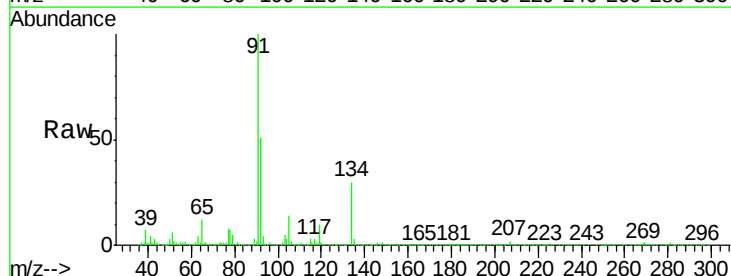
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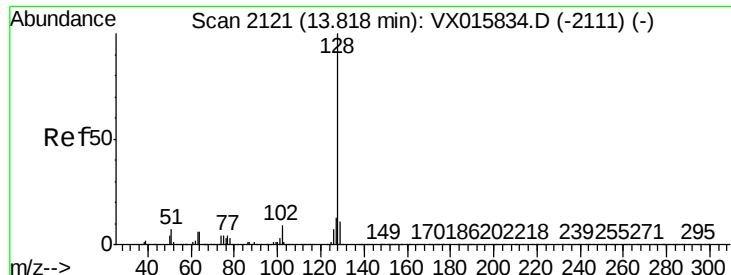
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#89
n-Butylbenzene
Concen: 4.923 ug/l m
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	193221		
92	64.1	27.7	83.1	
134	138.5	14.1	42.4#	





#95
Naphthalene
Concen: 8.493 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015861.D
Acq: 23 Apr 2020 00:11

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-200421

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.9	10.5	15.7
129	15.2	8.5	12.7#

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