

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015871.D
 Acq On : 23 Apr 2020 03:58
 Operator : JC/SP
 Sample : L2380-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

Manual Integrations
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MMDadoda
 4/23/2020 12:16:32 PM

Quant Time: Apr 23 12:26:29 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	5.63	168	955498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1448868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1440371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	783505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	521389	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.47	113	426502	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	8.70	98	1760230	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.12	95	760422	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	145887	65.703	ug/l	99
16) Acetone	2.42	43	29814	6.301	ug/l	93
19) Methyl tert-butyl Ether	3.17	73	406704	13.766	ug/l #	43
31) Cyclohexane	5.56	56	132277	8.331	ug/l #	84
39) Methylcyclohexane	7.44	83	207876	12.780	ug/l	87
40) Benzene	6.12	78	172035	4.447	ug/l	98
52) Toluene	8.76	92	12374	0.499	ug/l	99
67) Ethyl Benzene	10.24	91	289719	5.728	ug/l	99
68) m/p-Xylenes	10.34	106	21068	1.110	ug/l	95
69) o-Xylene	10.68	106	21747	1.164	ug/l	91
73) Isopropylbenzene	11.00	105	2597434	52.199	ug/l	99
78) n-propylbenzene	11.34	91	5071733	88.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	35864m	0.845	ug/l	
83) tert-Butylbenzene	11.76	119	24544	0.652	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	53284	1.210	ug/l	97
85) sec-Butylbenzene	11.93	105	426257	8.591	ug/l	94
89) n-Butylbenzene	12.37	91	367663m	8.864	ug/l	
95) Naphthalene	13.82	128	864313	16.107	ug/l	97

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

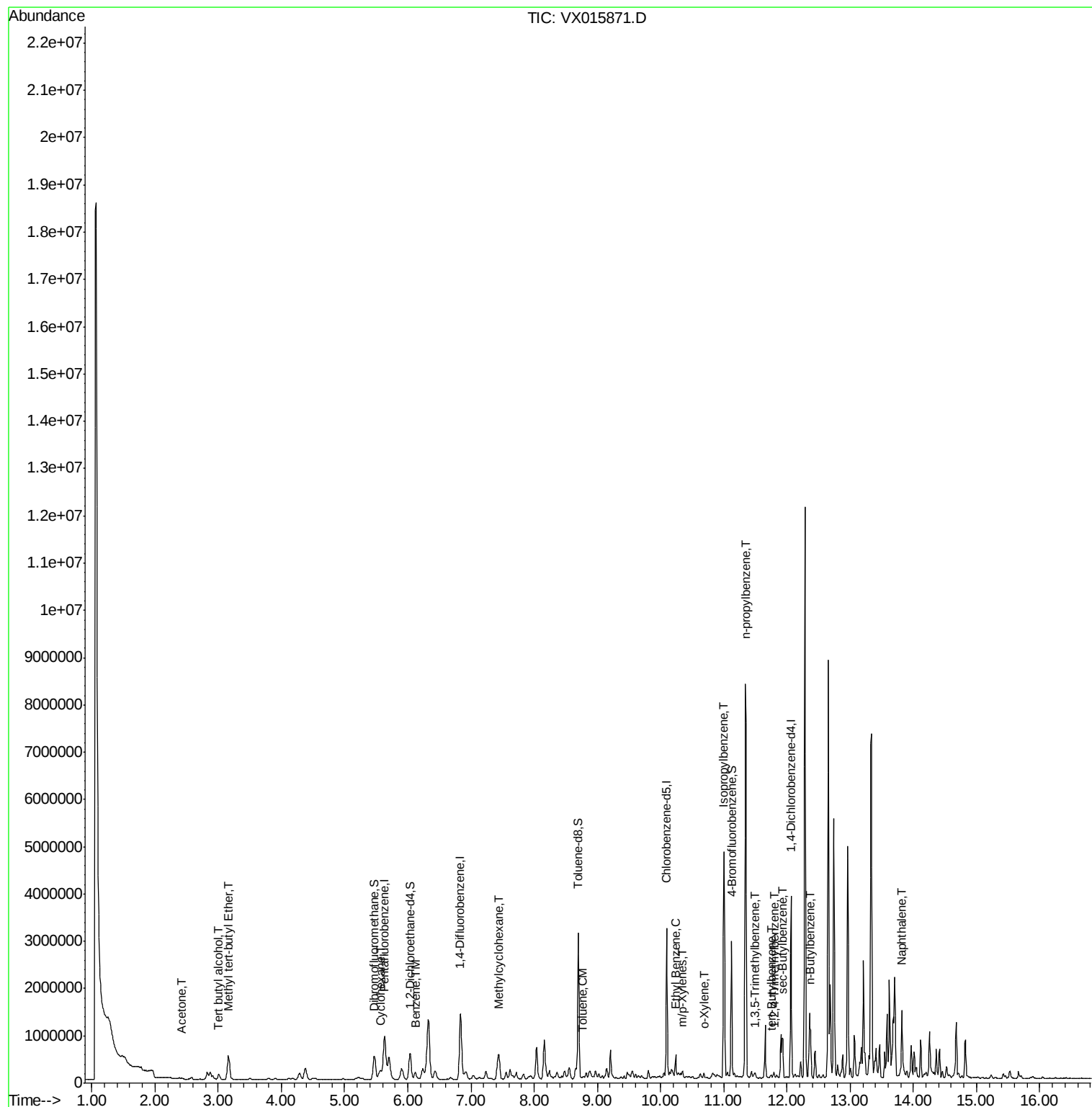
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
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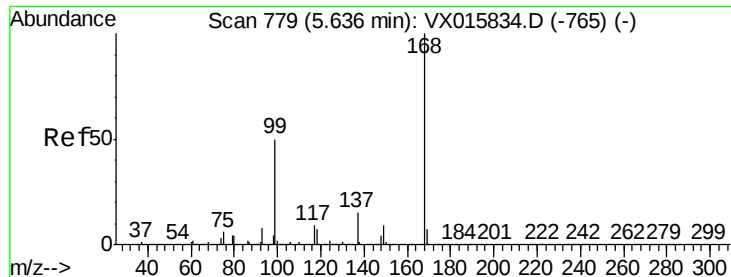
Instrument :
MSVOA_X
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KY001MW078-200421-FD

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Quant Time: Apr 23 12:26:29 2020
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

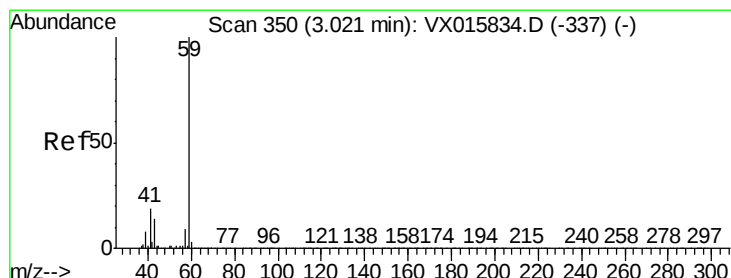
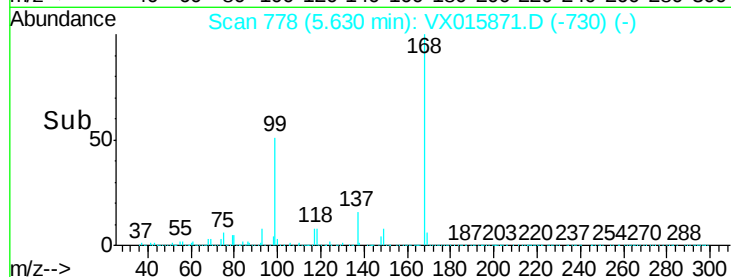
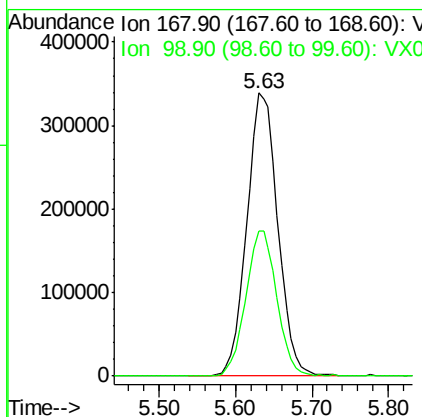
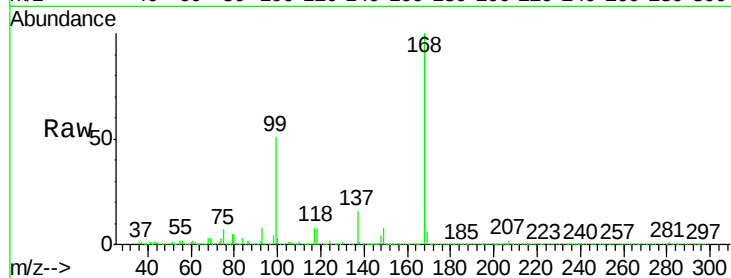
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.01 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	955498		
99	51.3	40.3	60.5	

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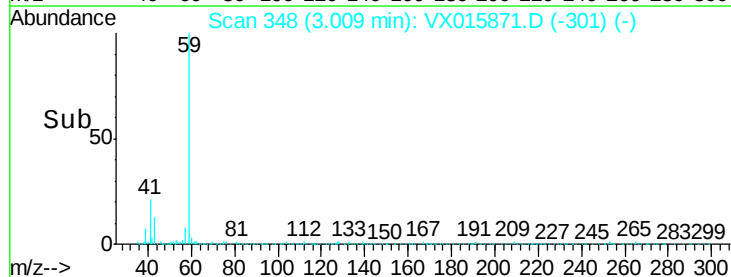
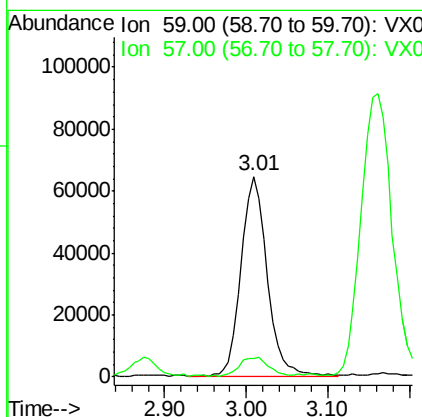
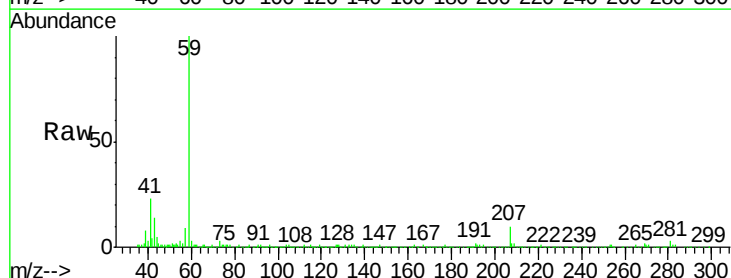
MMDadoda
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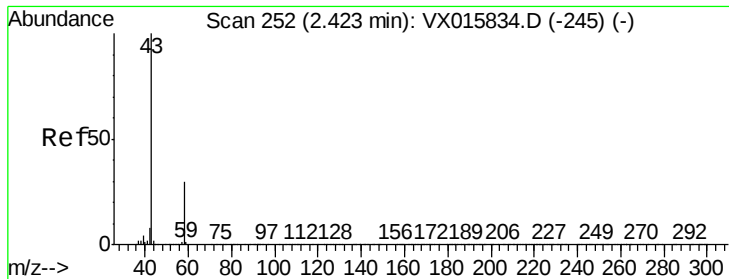


#11

Tert butyl alcohol
Concen: 65.703 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	145887		
57	10.0	8.2	12.2	





#16

Acetone

Concen: 6.301 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

Tot Ion: 43 Resp: 29814

Ion Ratio Lower Upper

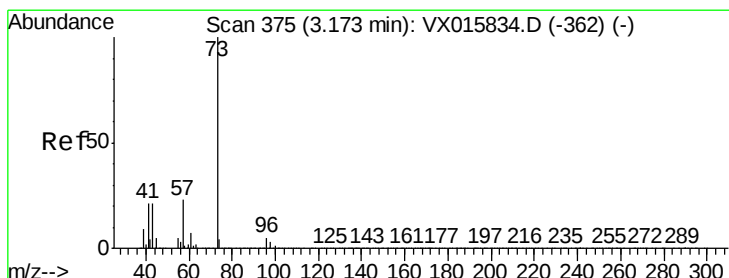
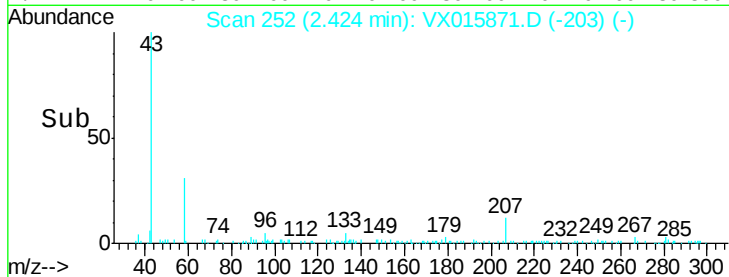
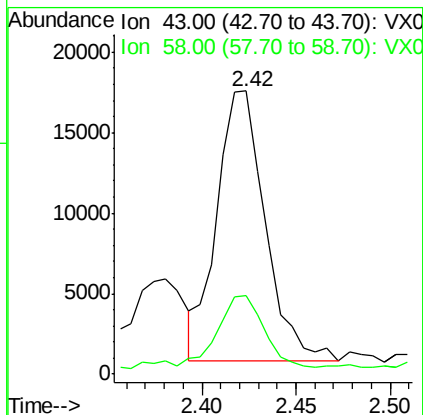
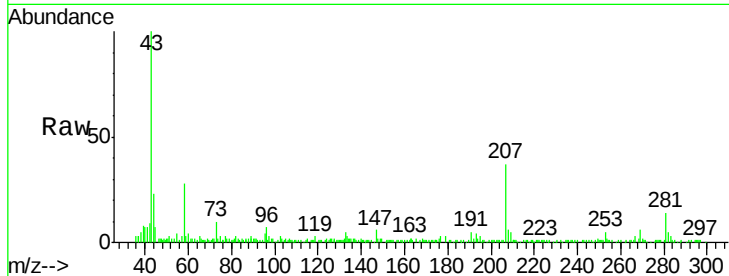
43 100

58 26.0 24.0 36.0

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#19

Methyl tert-butyl Ether

Concen: 13.766 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.01 min

Lab File: VX015871.D

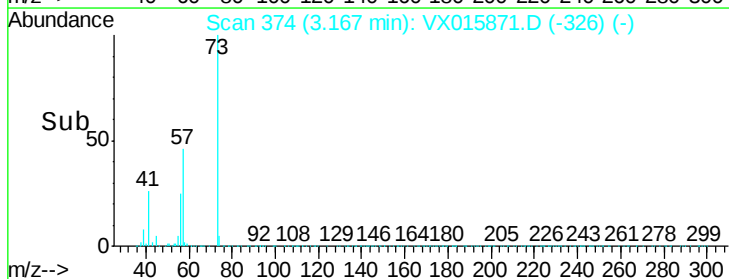
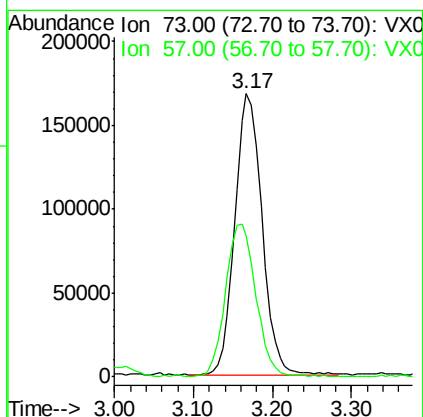
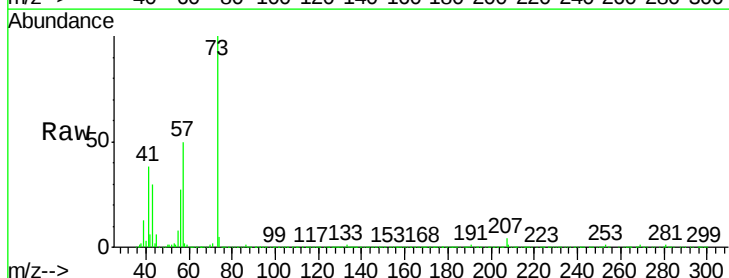
Acq: 23 Apr 2020 03:58

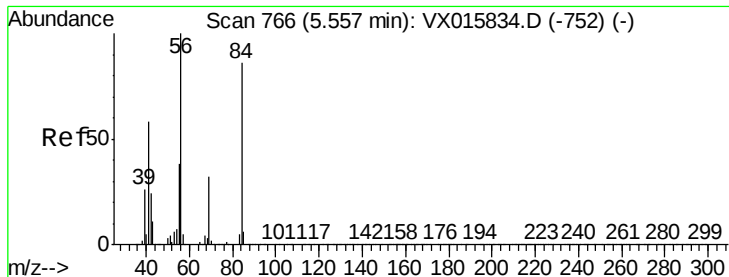
Tgt Ion: 73 Resp: 406704

Ion Ratio Lower Upper

73 100

57 49.9 18.1 27.1#





#31

Cyclohexane

Concen: 8.331 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Instrument :

MSVOA_X

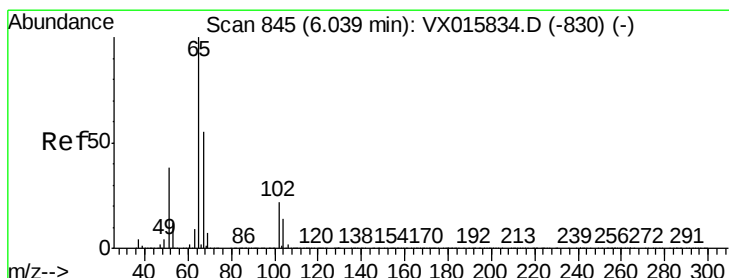
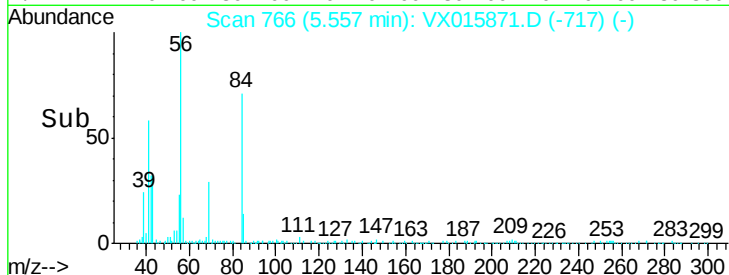
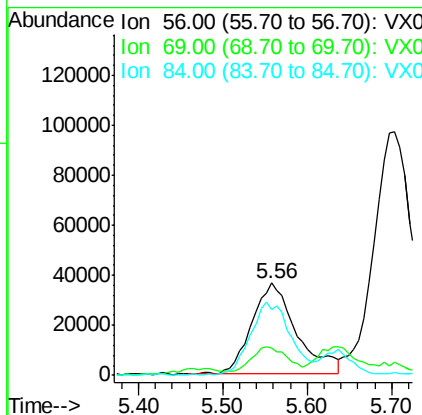
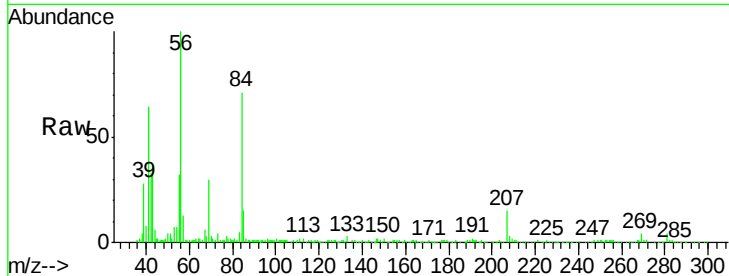
ClientSampleId :

KY001MW078-200421-FD

Tot Ion:	56	Resp:	132277
Ion Ratio	Lower	Upper	
56	100		
69	23.5	25.3	37.9#
84	71.3	69.1	103.7

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#33

1,2-Dichloroethane-d4

Concen: 47.977 ug/l

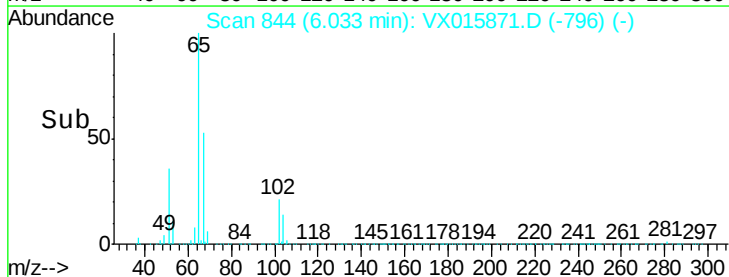
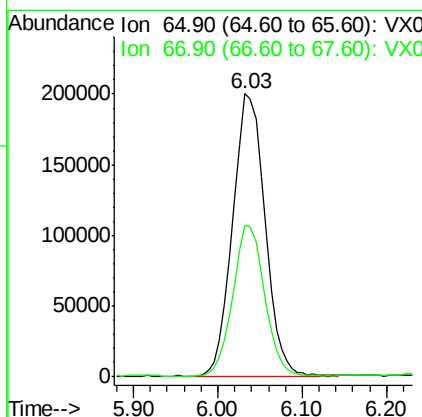
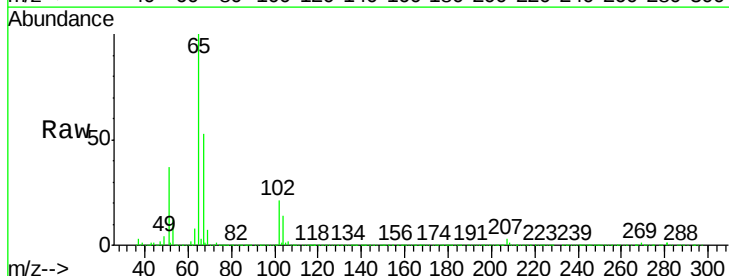
RT: 6.03 min Scan# 844

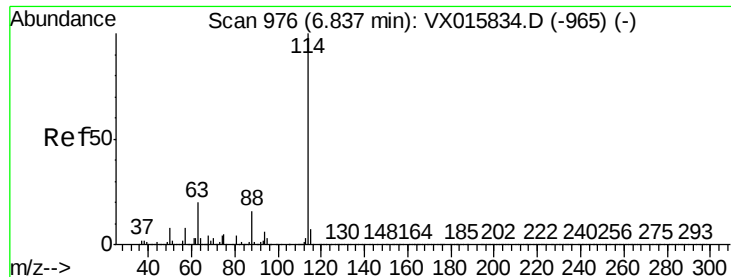
Delta R.T. -0.01 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Tgt Ion:	65	Resp:	521389
Ion Ratio	Lower	Upper	
65	100		
67	52.2	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: VX015871.D

Acq: 23 Apr 2020 03:58

Instrument :

MSVOA_X

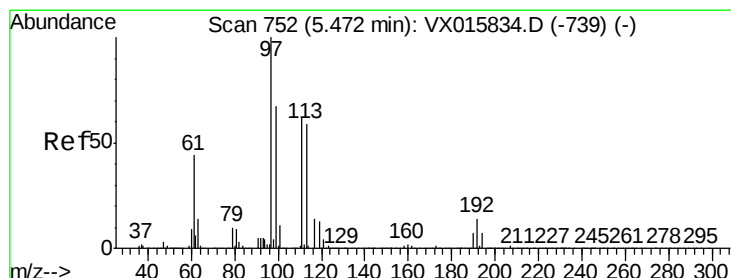
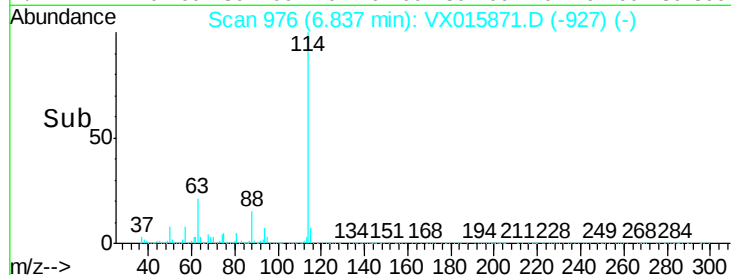
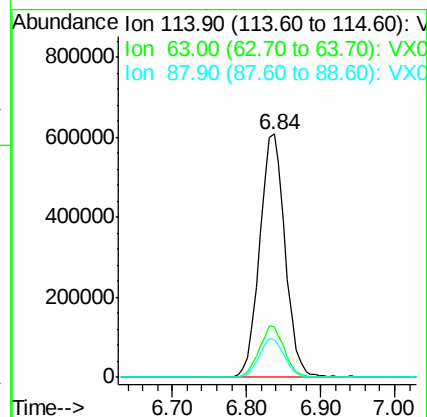
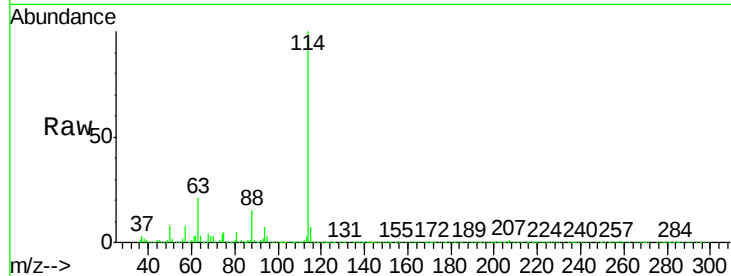
ClientSampleId :

KY001MW078-200421-FD

Tot Ion:	114	Resp:	1448868
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.6
88	15.4	0.0	32.8

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#35

Dibromofluoromethane

Concen: 50.997 ug/l

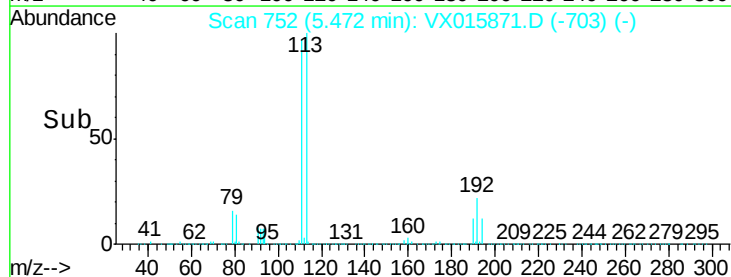
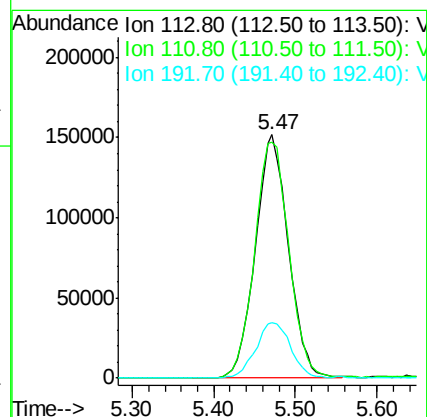
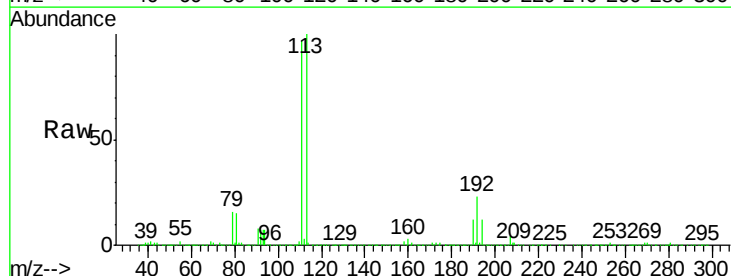
RT: 5.47 min Scan# 752

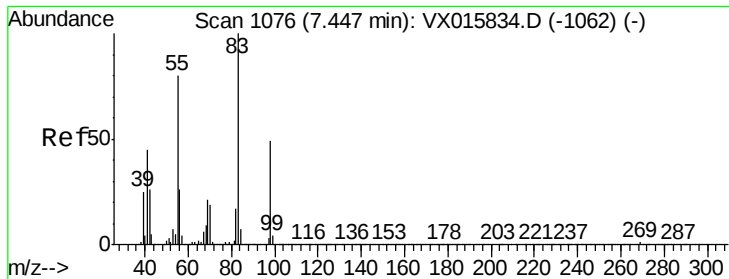
Delta R.T. 0.00 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Tgt Ion:	113	Resp:	426502
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.7	124.1
192	23.6	19.3	28.9





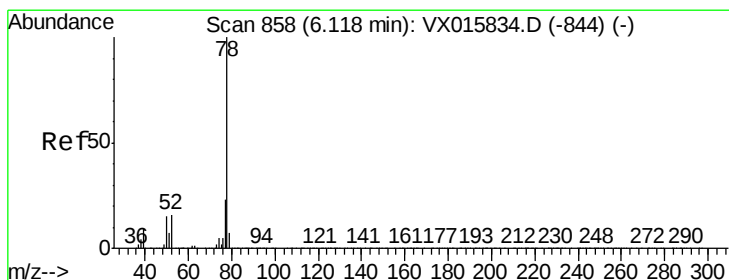
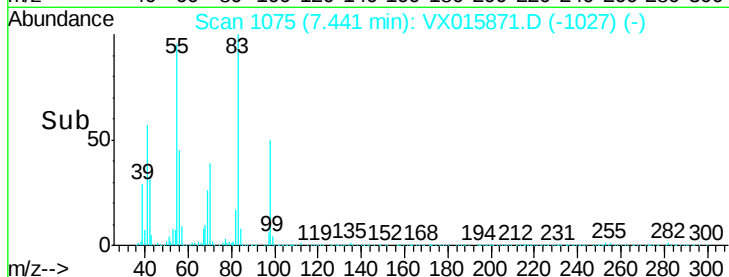
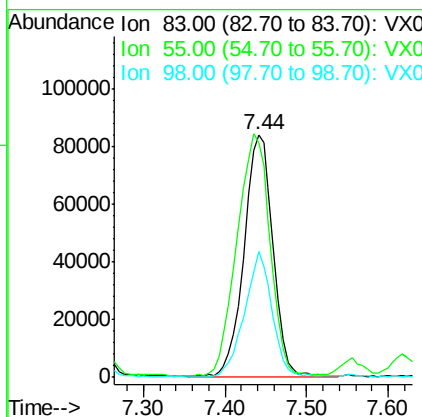
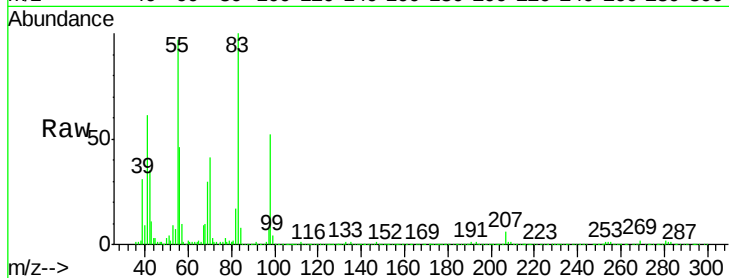
#39
Methvlcvclohexane
Concen: 12.780 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.2	64.2	96.4
98	51.6	39.3	58.9

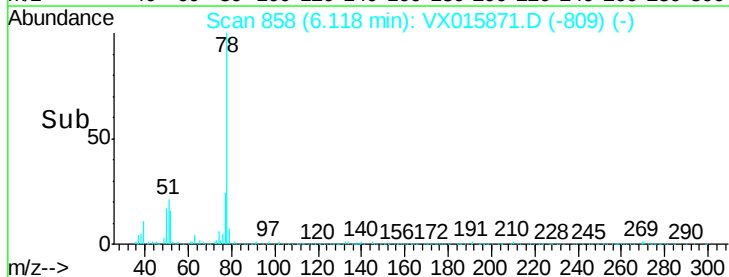
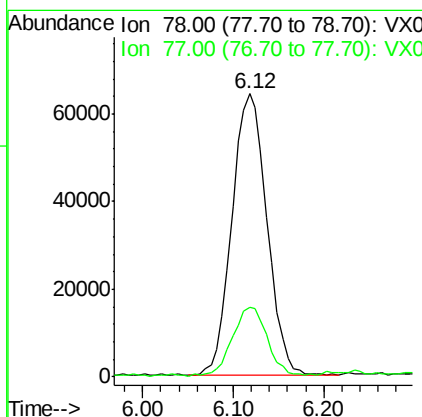
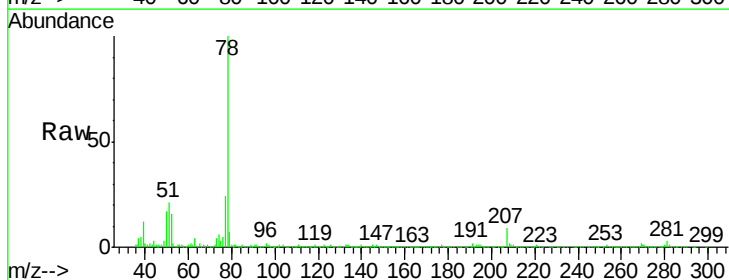
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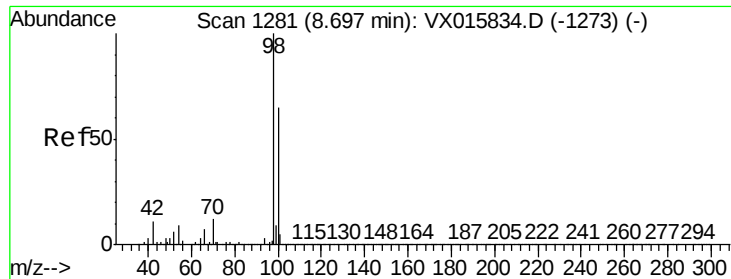
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#40
Benzene
Concen: 4.447 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8





#50

Toluene-d8

Concen: 52.283 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

Tot Ion: 98 Resp: 1760230

Ion Ratio Lower Upper

98 100

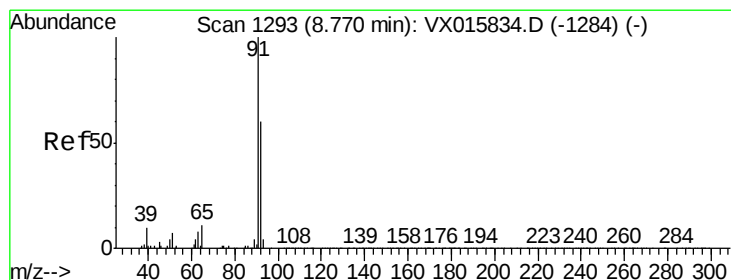
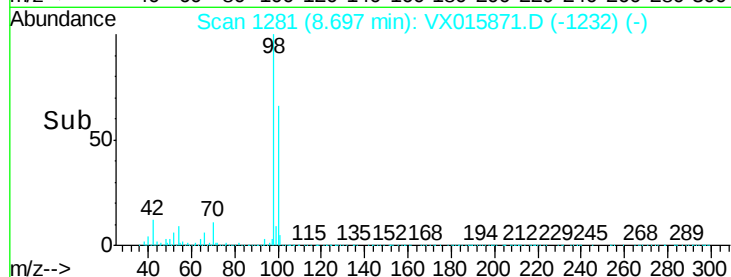
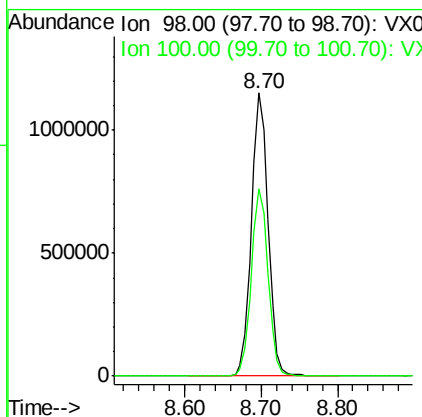
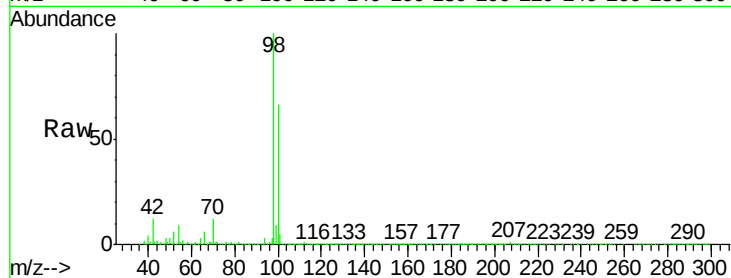
100 66.3 53.8 80.6

Manual Integrations

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4/23/2020 12:16:32 PM



#52

Toluene

Concen: 0.499 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015871.D

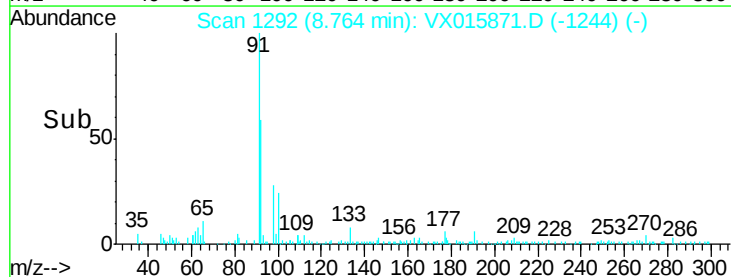
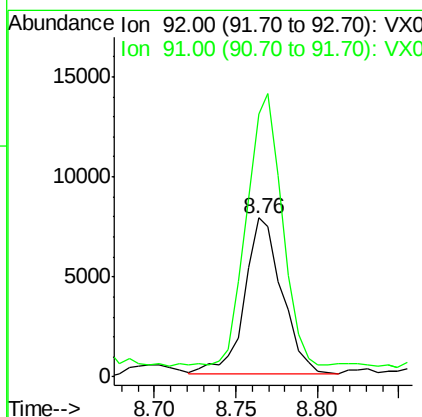
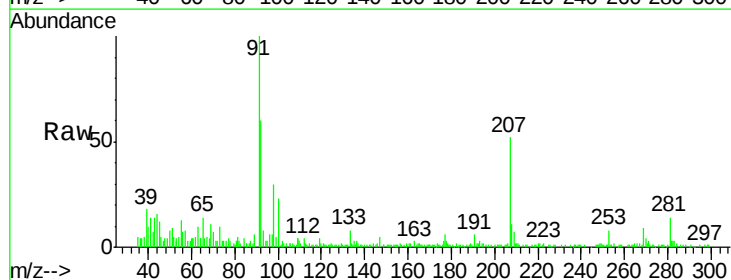
Acq: 23 Apr 2020 03:58

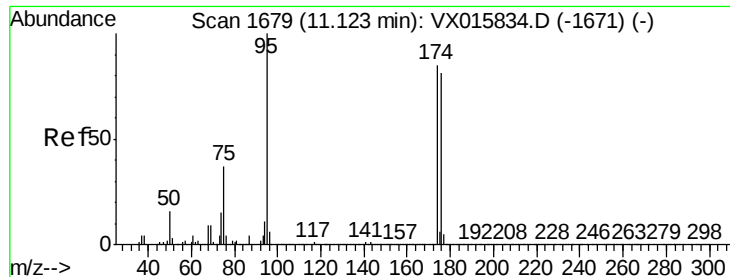
Tgt Ion: 92 Resp: 12374

Ion Ratio Lower Upper

92 100

91 165.2 133.4 200.0





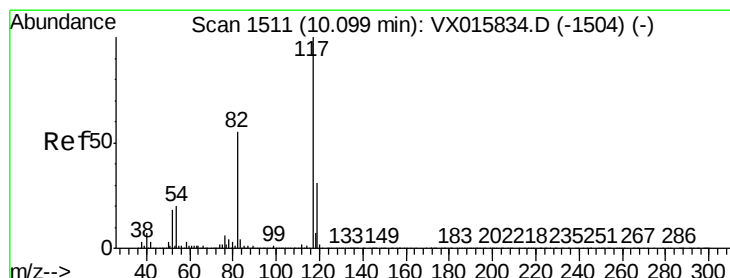
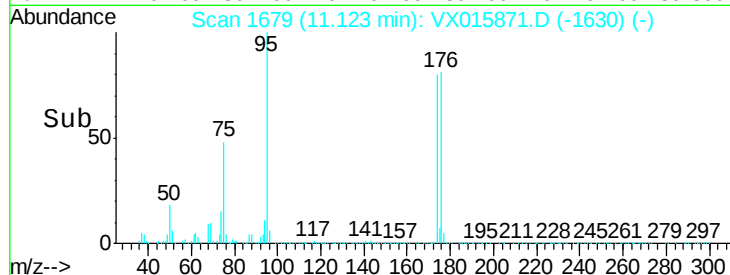
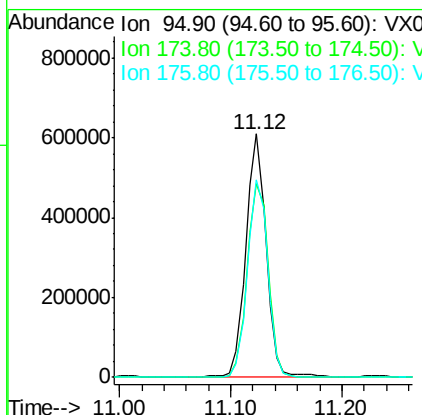
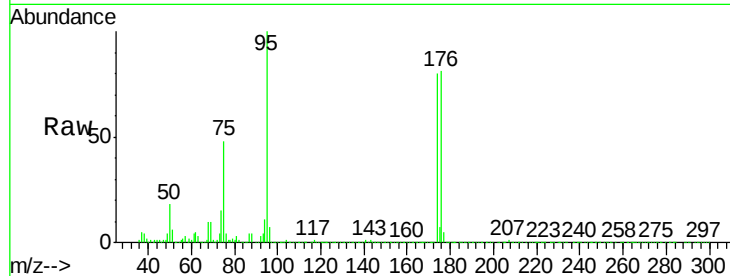
#62
4-Bromofluorobenzene
Concen: 55.058 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	760422		
174	84.1	0.0	172.4	
176	82.2	0.0	167.0	

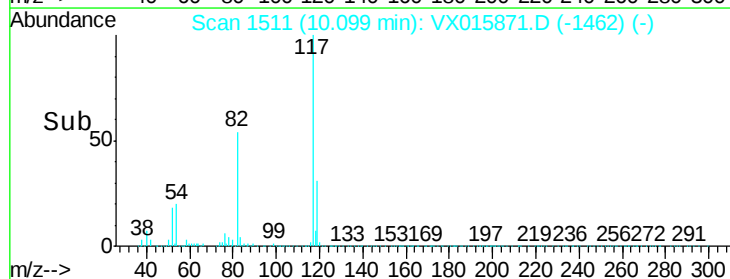
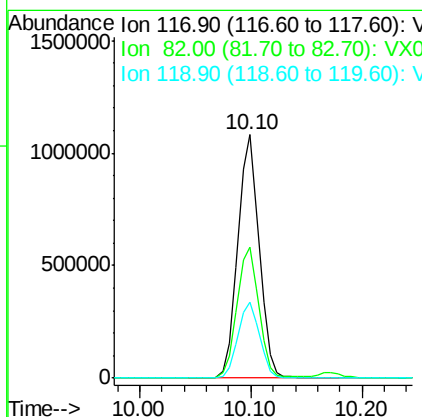
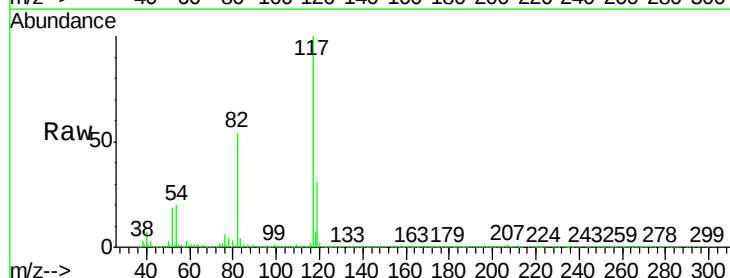
Manual Integrations
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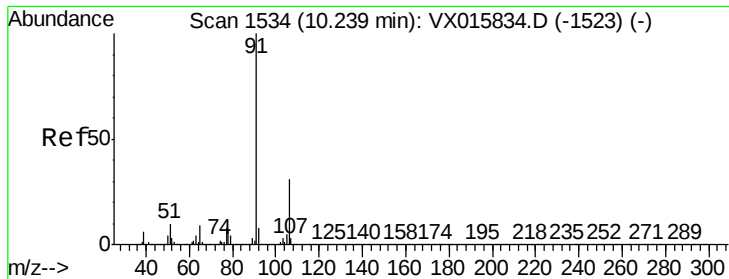
MMDadoda
4/23/2020 12:16:32 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1440371		
82	53.7	43.9	65.9	
119	31.2	25.1	37.7	





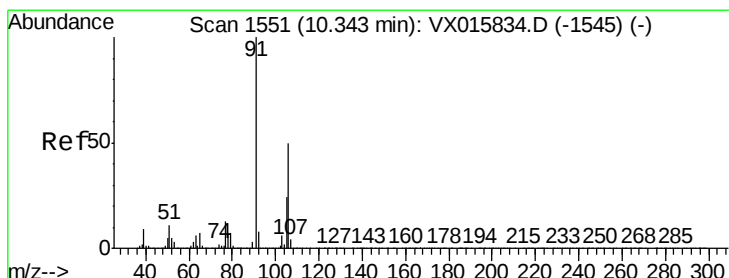
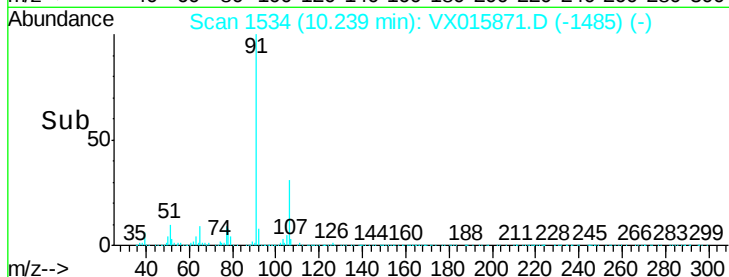
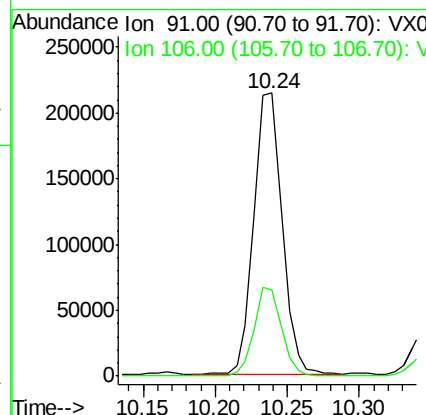
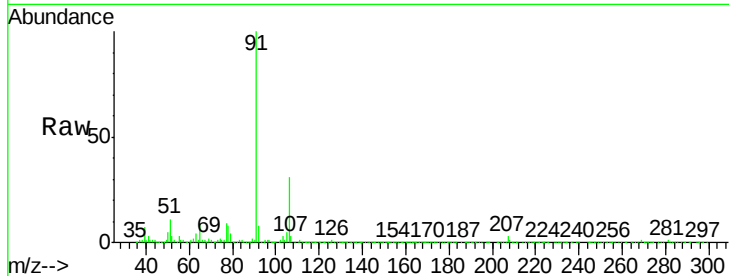
#67
Ethyl Benzene
Concen: 5.728 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion: 91 Resp: 289719
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

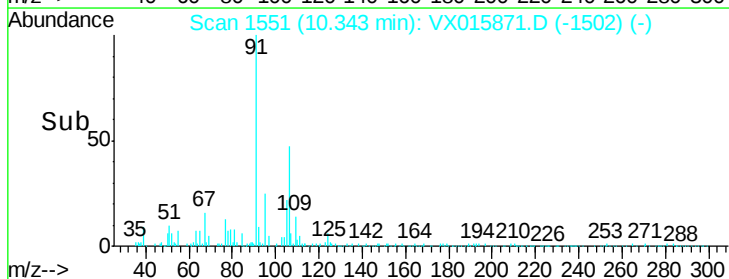
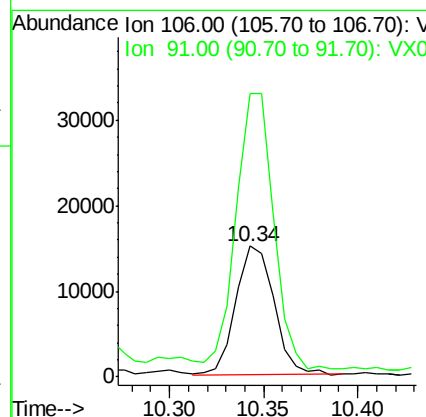
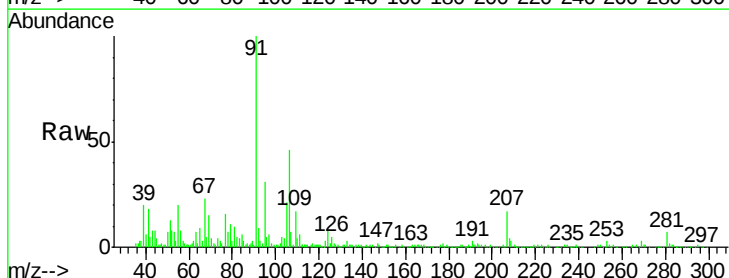
Manual Integrations
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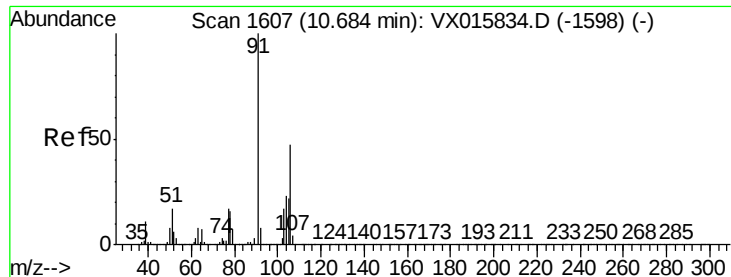
MMDadoda
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#68
m/p-Xylenes
Concen: 1.110 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion: 106 Resp: 21068
Ion Ratio Lower Upper
106 100
91 209.2 161.1 241.7





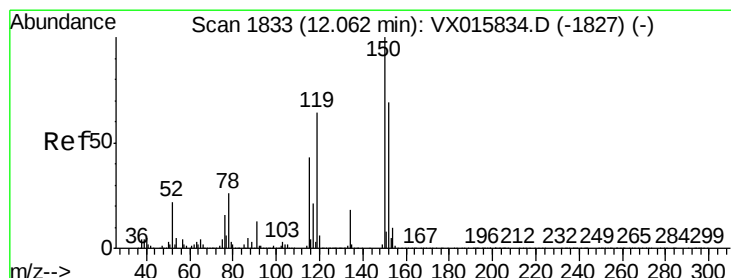
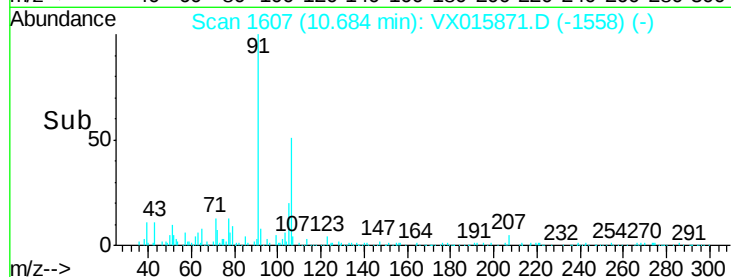
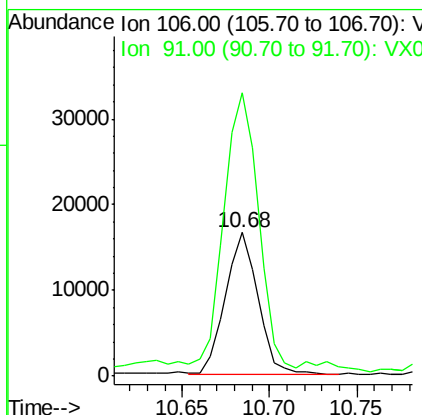
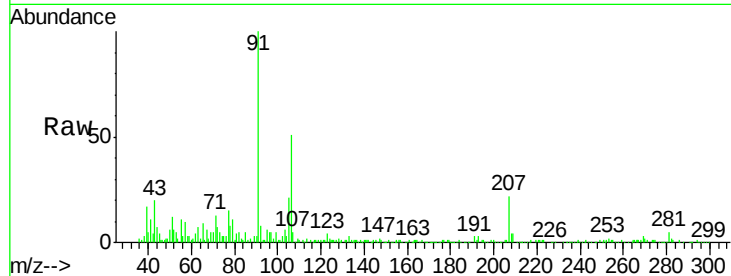
#69
o-Xylene
Concen: 1.164 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.7	107.1	321.3

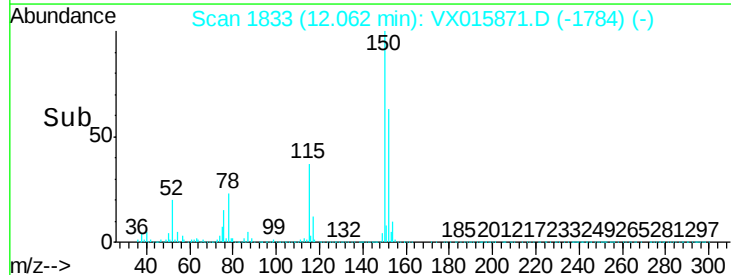
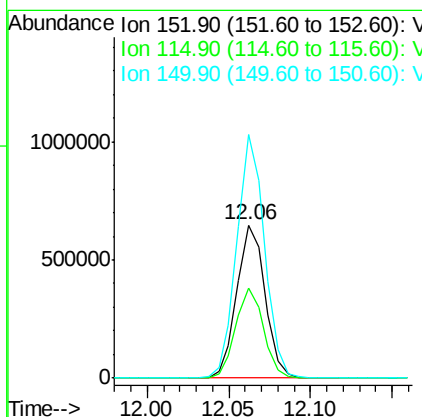
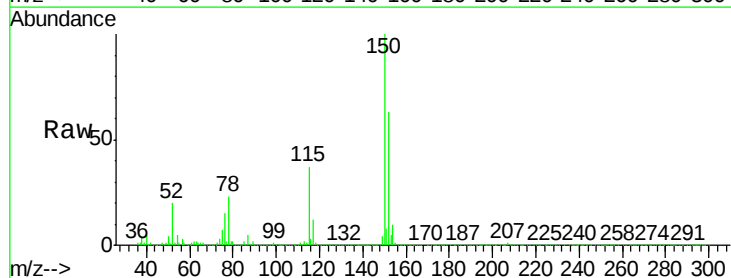
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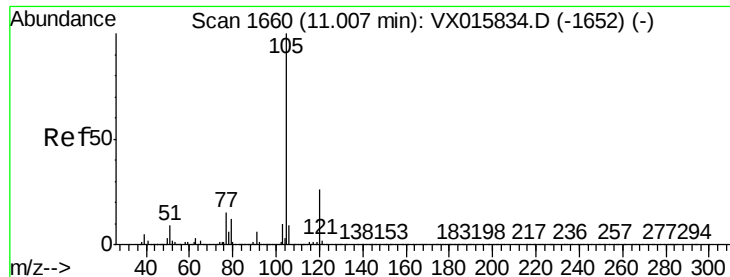
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	39.0	116.9
150	155.9	0.0	336.8





#73

Isopropylbenzene

Concen: 52.199 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015871.D

Acq: 23 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

Tot Ion:105 Resp: 2597434

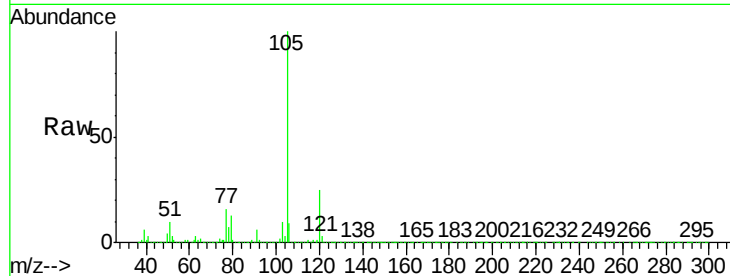
Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1

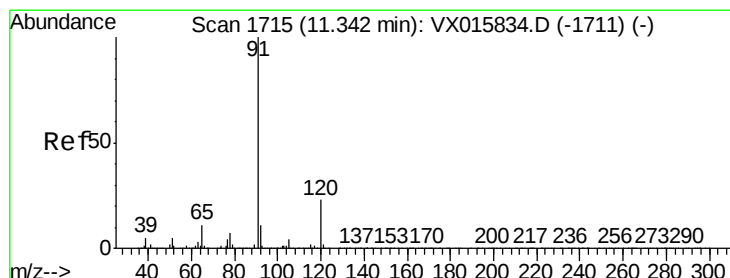
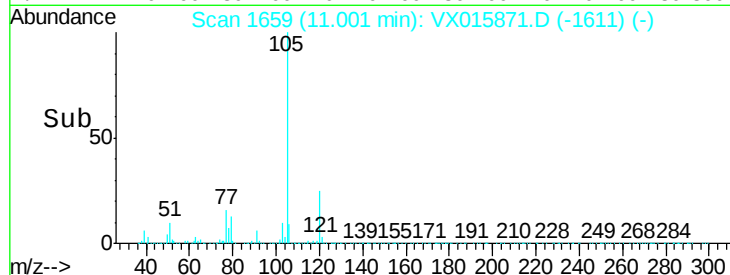
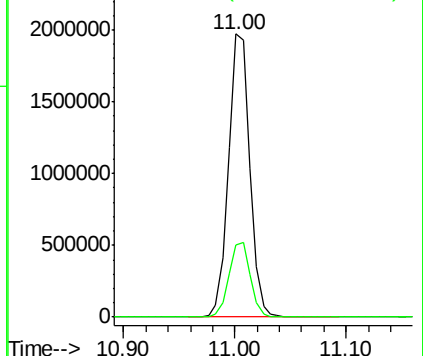
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 88.973 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015871.D

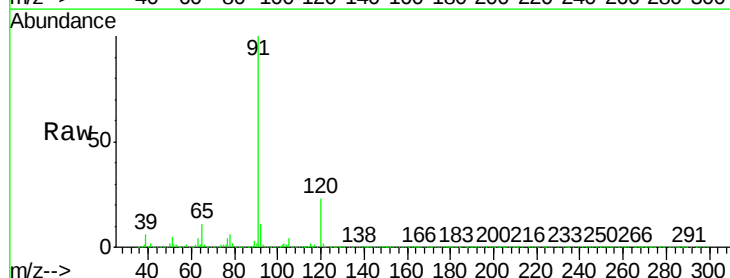
Acq: 23 Apr 2020 03:58

Tgt Ion: 91 Resp: 5071733

Ion Ratio Lower Upper

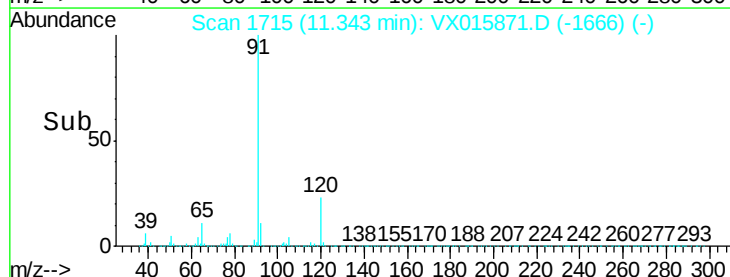
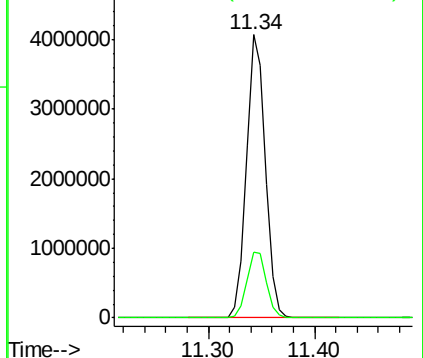
91 100

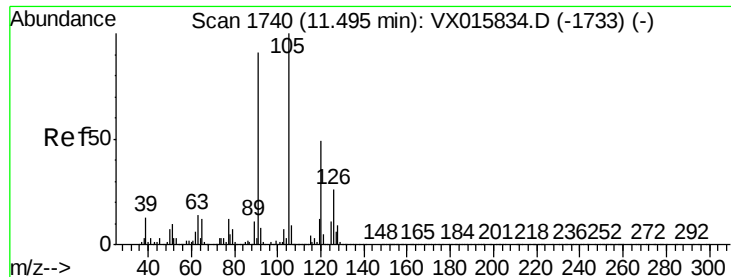
120 24.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





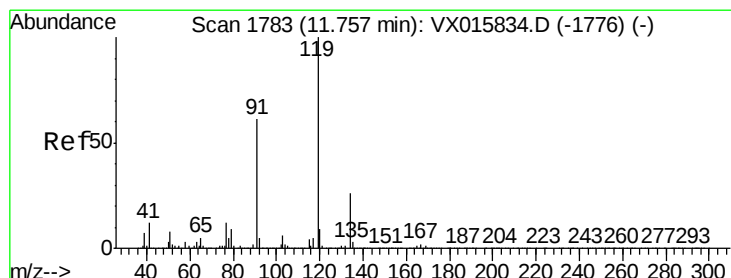
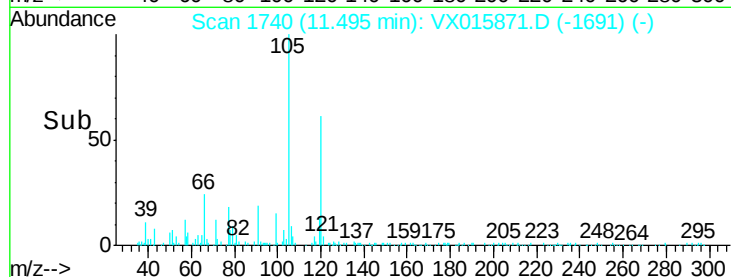
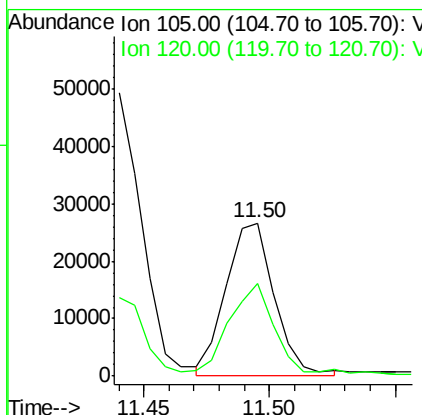
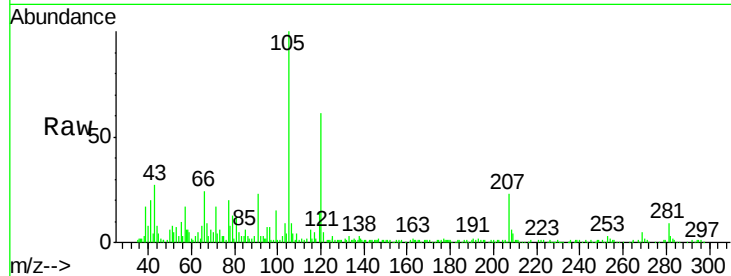
#80
 1,3,5-Trimethylbenzene
 Concen: 0.845 ug/l m
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015871.D
 Acq: 23 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

Tot Ion:105 Resp: 35864
 Ion Ratio Lower Upper
 105 100
 120 440.3 24.9 74.7#

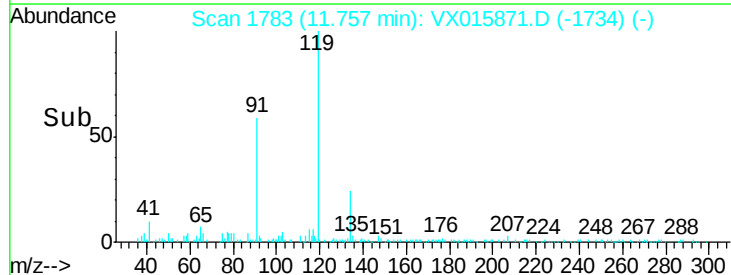
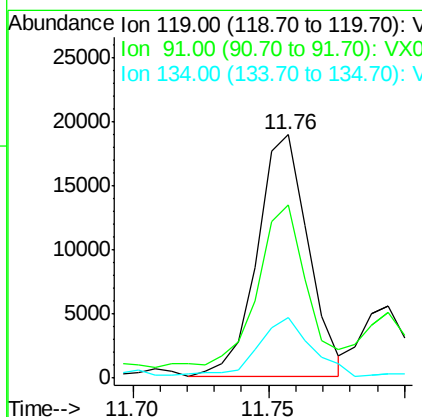
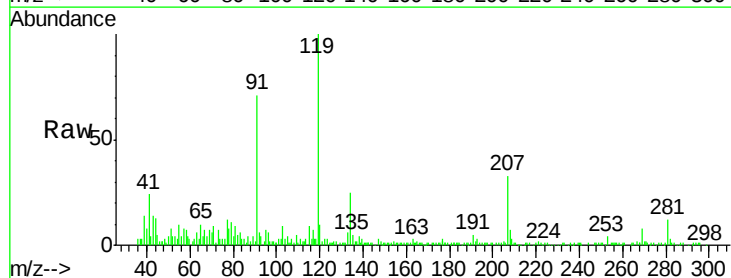
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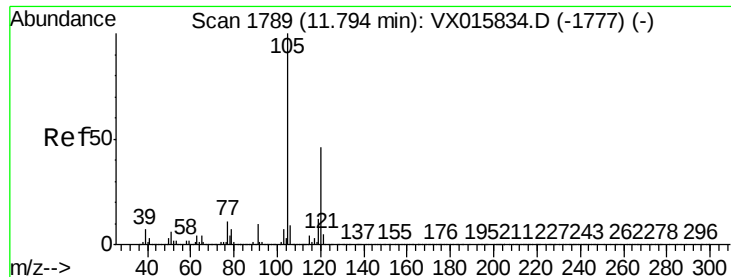
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#83
 tert-Butylbenzene
 Concen: 0.652 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015871.D
 Acq: 23 Apr 2020 03:58

Tgt Ion:119 Resp: 24544
 Ion Ratio Lower Upper
 119 100
 91 65.2 30.9 92.7
 134 24.6 12.4 37.2





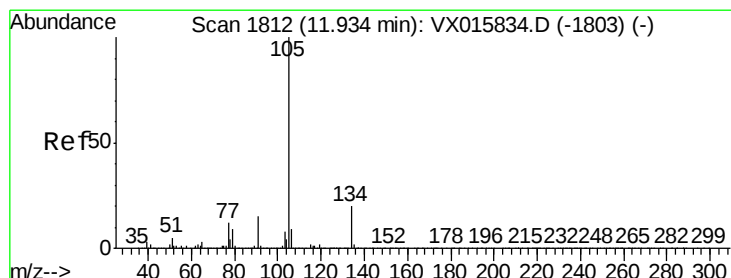
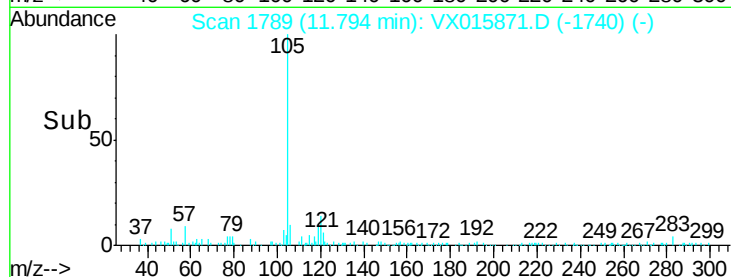
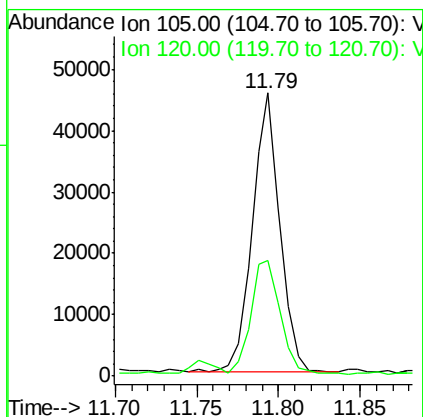
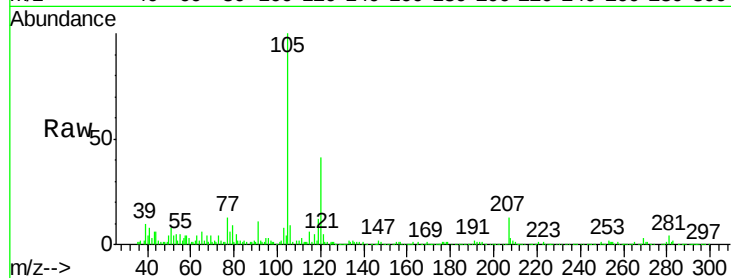
#84
 1,2,4-Trimethylbenzene
 Concen: 1.210 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015871.D
 Acq: 23 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

Tot Ion:105 Resp: 53284
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.9 68.7

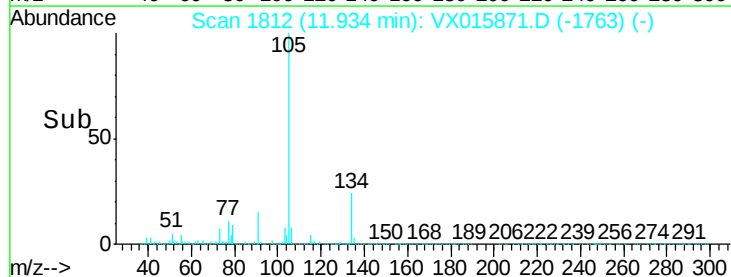
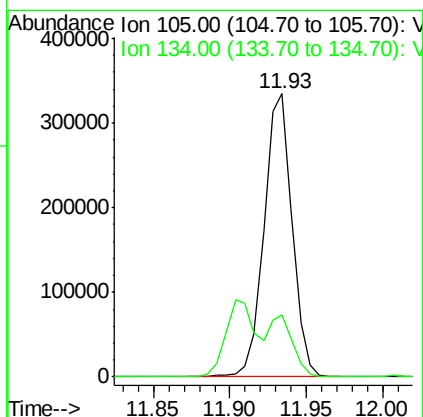
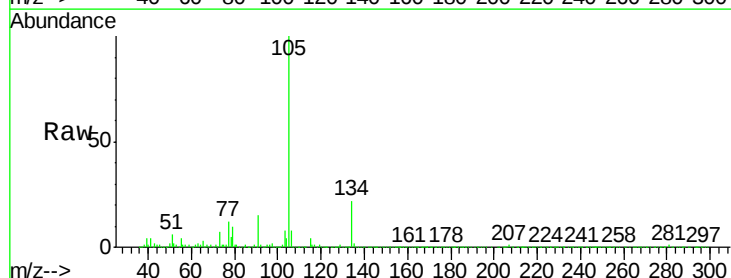
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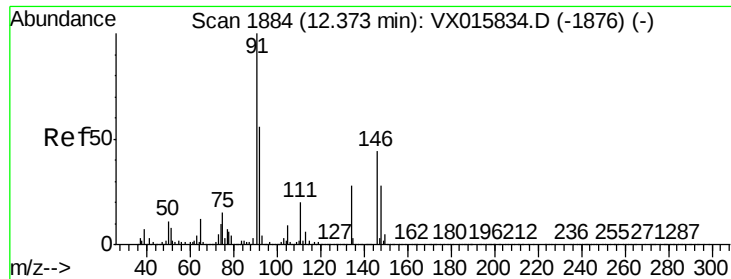
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#85
 sec-Butylbenzene
 Concen: 8.591 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015871.D
 Acq: 23 Apr 2020 03:58

Tgt Ion:105 Resp: 426257
 Ion Ratio Lower Upper
 105 100
 134 17.6 10.3 30.8





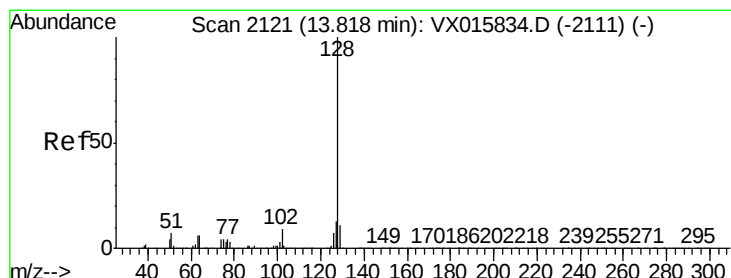
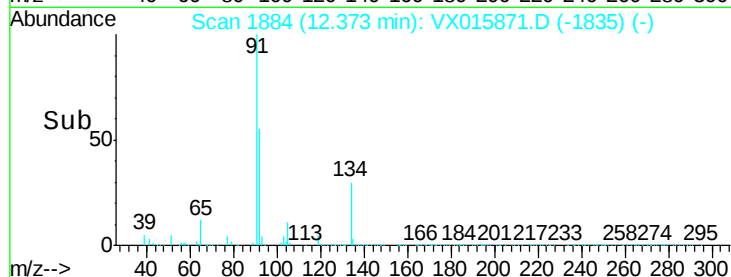
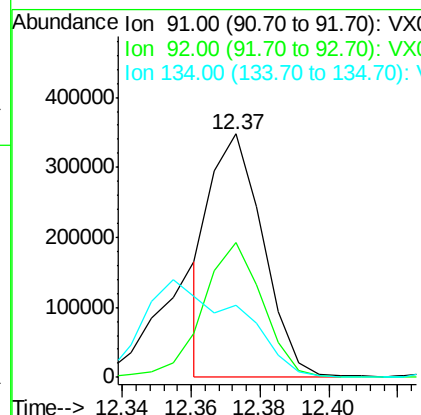
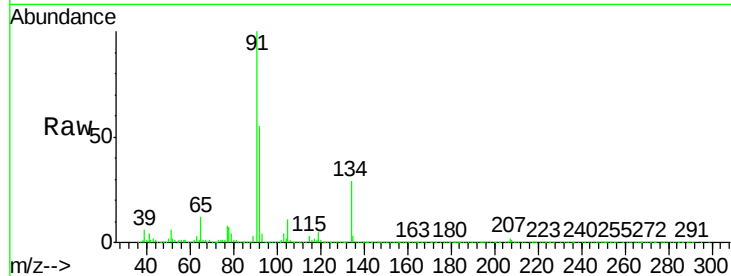
#89
n-Butylbenzene
Concen: 8.864 ug/l m
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	367663		
92	62.9	27.7	83.1	
134	72.7	14.1	42.4#	

Manual Integrations
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#95
Naphthalene
Concen: 16.107 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015871.D
Acq: 23 Apr 2020 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	864313		
127	14.1	10.5	15.7	
129	12.3	8.5	12.7	

