

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015863.D
 Acq On : 23 Apr 2020 00:56
 Operator : JC/SP
 Sample : L2380-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW091-200421

Manual Integrations
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 4/23/2020 12:15:29 PM

Quant Time: Apr 23 12:23:26 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	910219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1405550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1385923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	743208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	507798	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.47	113	416061	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.70	98	1693562	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.12	95	714251	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	303250	143.368	ug/l	100
16) Acetone	2.42	43	8316	1.845	ug/l	91
29) Tetrahydrofuran	5.10	42	20639	4.380	ug/l #	74
31) Cyclohexane	5.56	56	126175	8.342	ug/l #	90
40) Benzene	6.12	78	28019	0.747	ug/l	91
67) Ethyl Benzene	10.24	91	50102	1.029	ug/l	95
68) m/p-Xylenes	10.35	106	33217	1.818	ug/l	99
69) o-Xylene	10.68	106	9964	0.554	ug/l	92
73) Isopropylbenzene	11.00	105	4372928	92.645	ug/l	99
78) n-propylbenzene	11.34	91	960462	17.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	45895	1.140	ug/l	95
83) tert-Butylbenzene	11.76	119	223779	6.268	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	222774	5.331	ug/l	99
85) sec-Butylbenzene	11.93	105	566457	12.036	ug/l	93
86) p-Isopropyltoluene	12.05	119	27161m	0.617	ug/l	
95) Naphthalene	13.82	128	83409	1.639	ug/l #	90

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

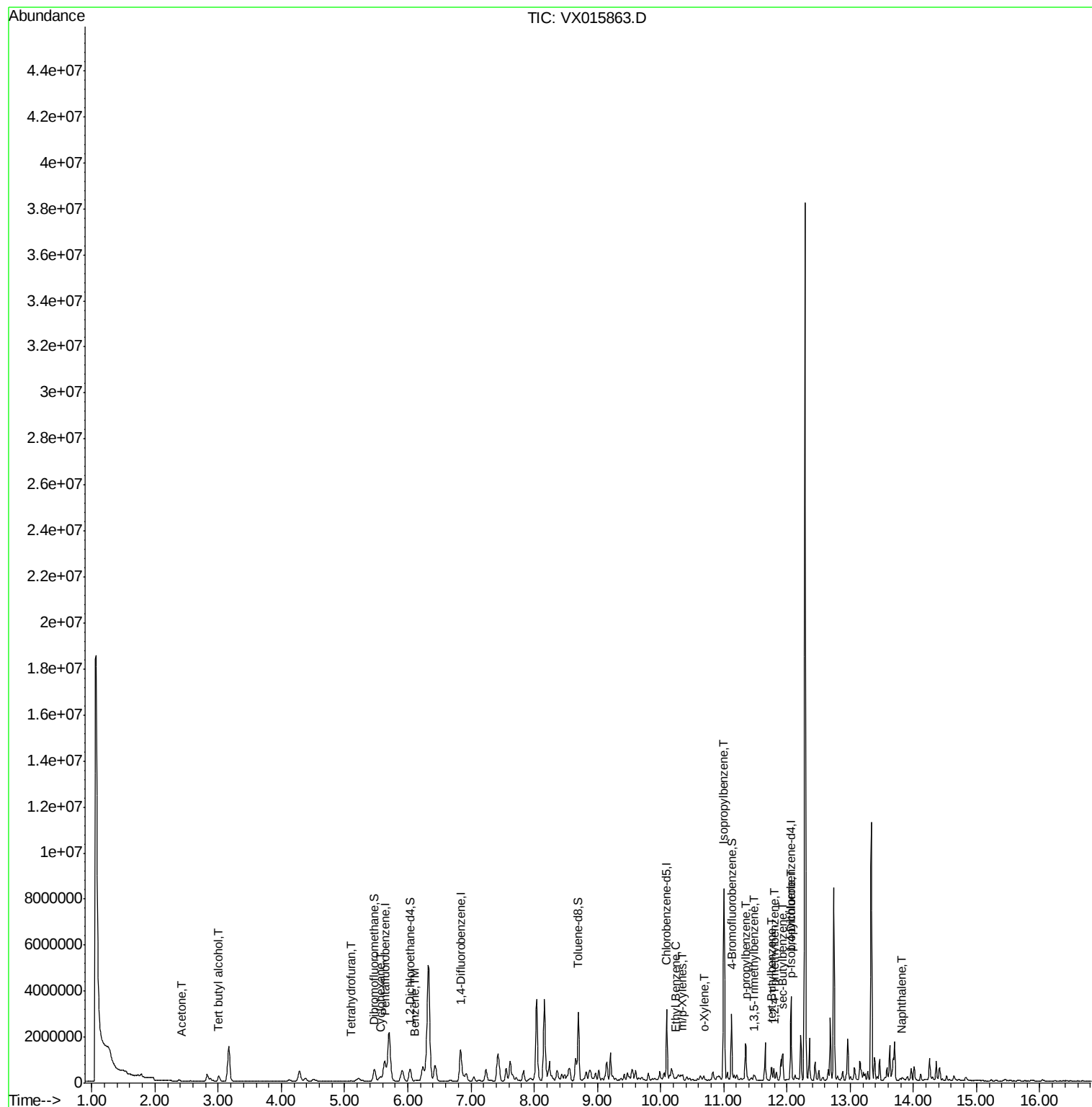
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
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ALS Vial : 39 Sample Multiplier: 1

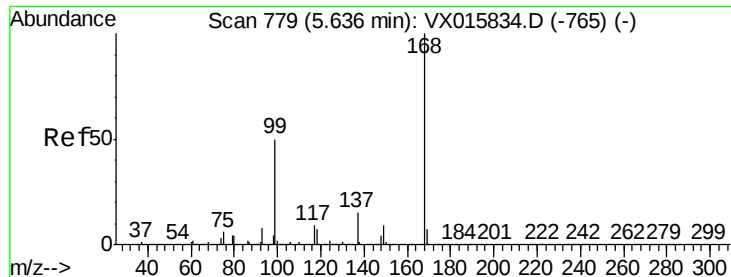
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

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Quant Time: Apr 23 12:23:26 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

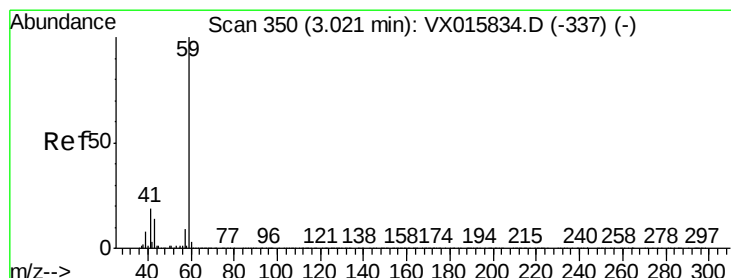
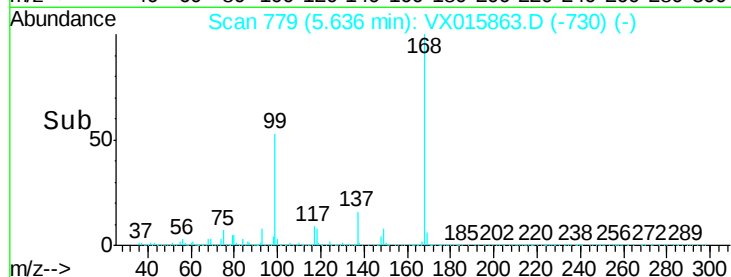
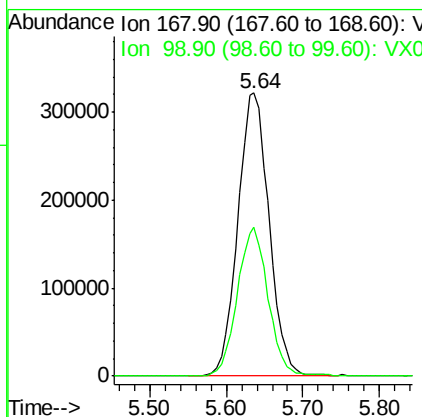
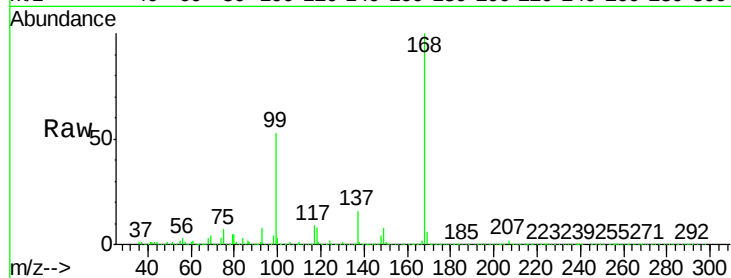
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW091-200421

Tot Ion	Ratio	Resp	Lower	Upper
168	100	910219		
99	52.6	40.3	60.5	

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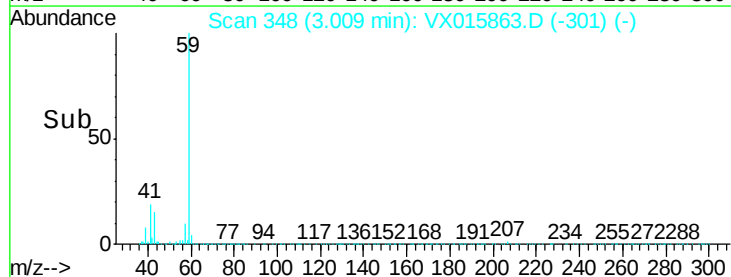
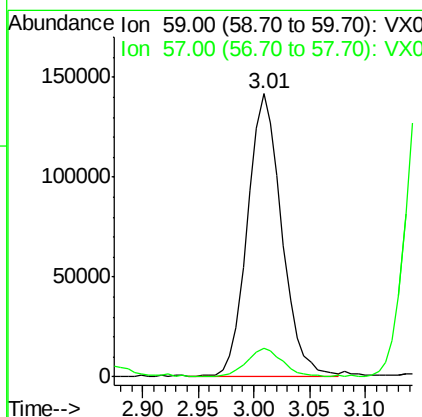
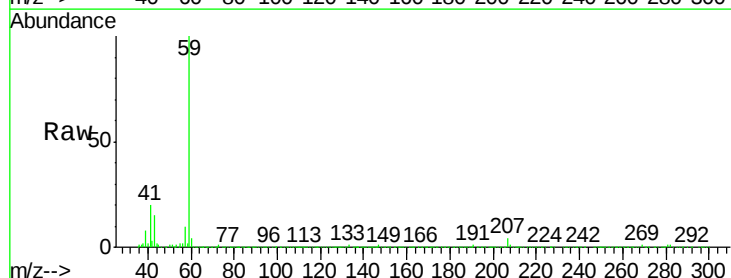
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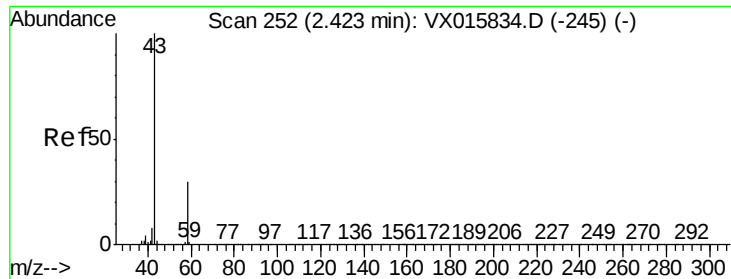


#11

Tert butyl alcohol
 Concen: 143.368 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	303250		
57	10.3	8.2	12.2	





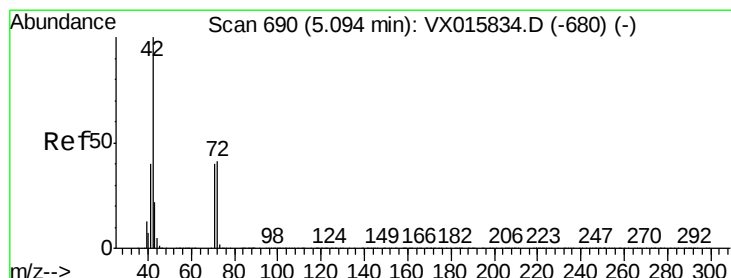
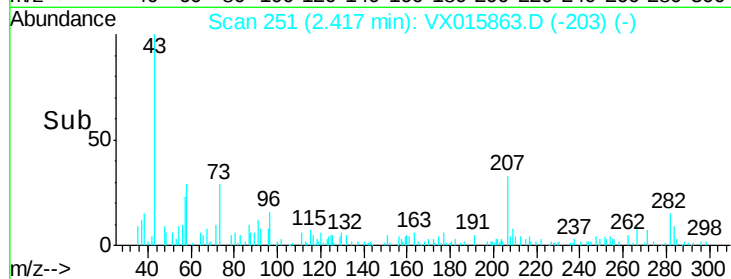
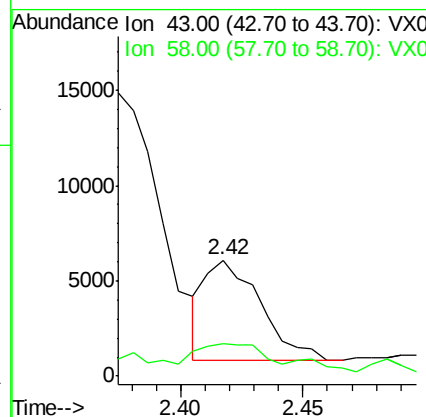
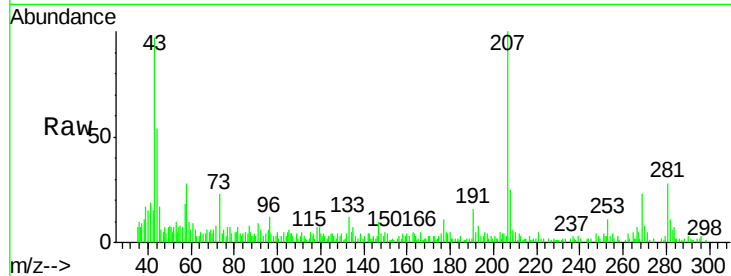
#16
Acetone
Concen: 1.845 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion	Ratio	Lower	Upper
43	100		
58	25.3	24.0	36.0

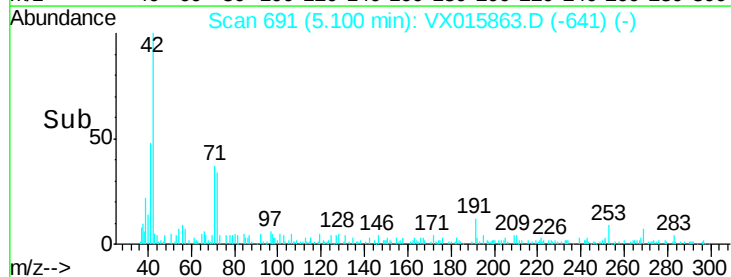
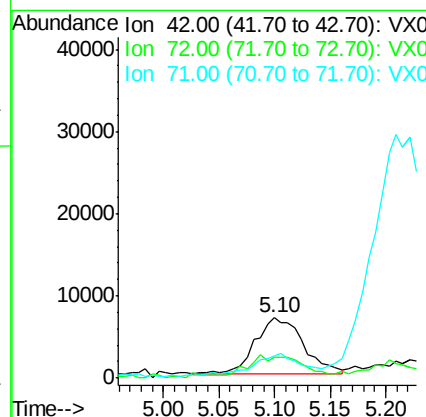
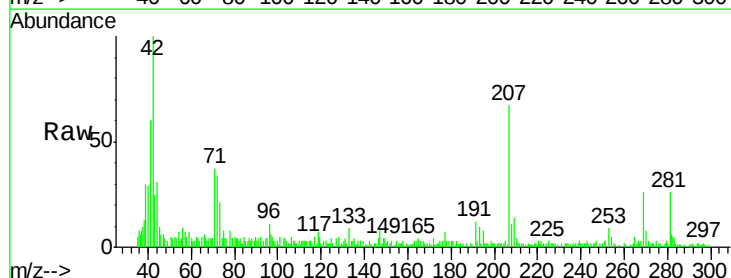
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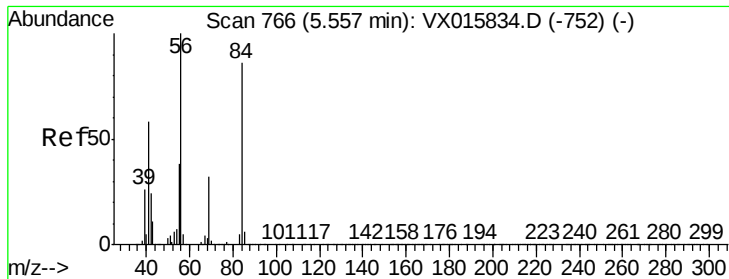
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#29
Tetrahydrofuran
Concen: 4.380 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Lower	Upper
42	100		
72	15.3	33.0	49.6#
71	44.0	30.6	45.8





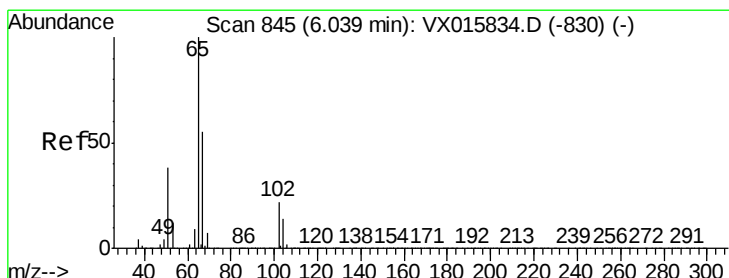
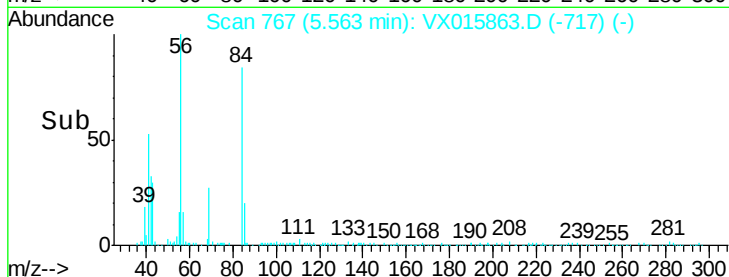
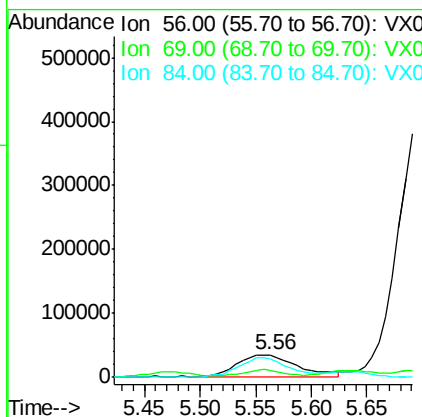
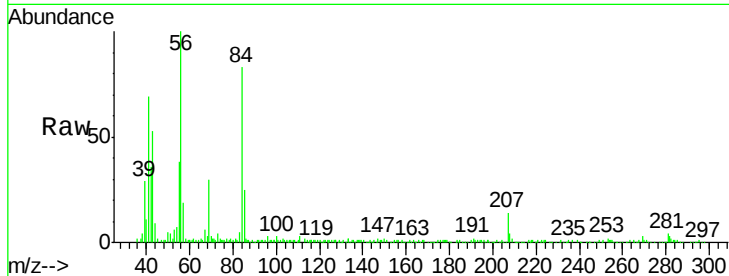
#31
Cyclohexane
Concen: 8.342 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion	Ratio	Lower	Upper
56	100		
69	12.6	25.3	37.9#
84	84.7	69.1	103.7

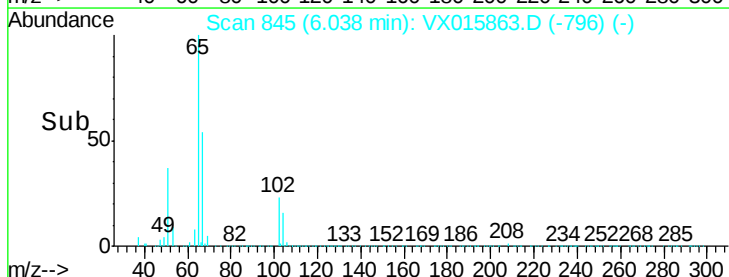
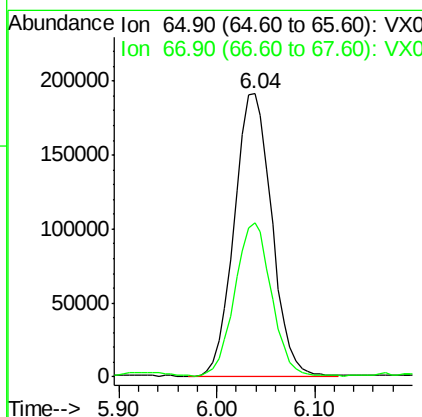
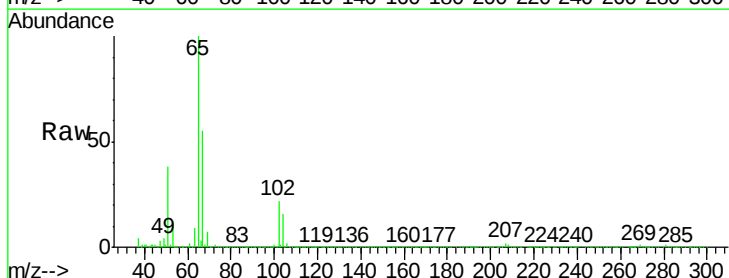
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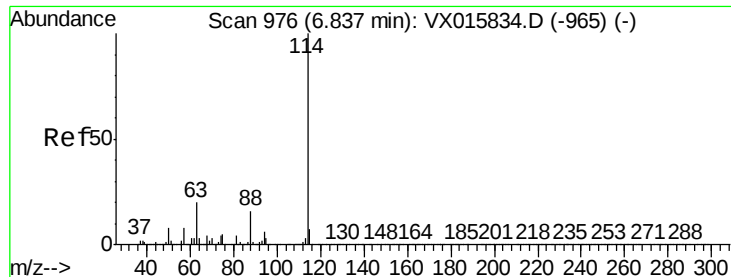
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#33
1,2-Dichloroethane-d4
Concen: 49.051 ug/l
RT: 6.04 min Scan# 845
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

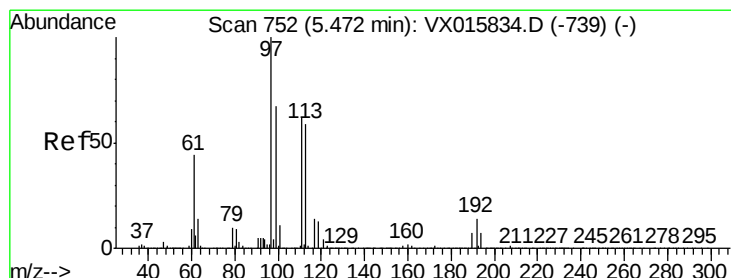
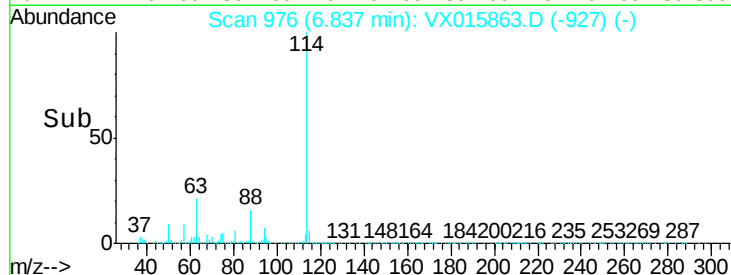
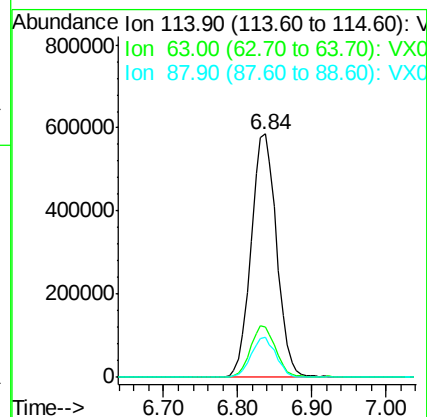
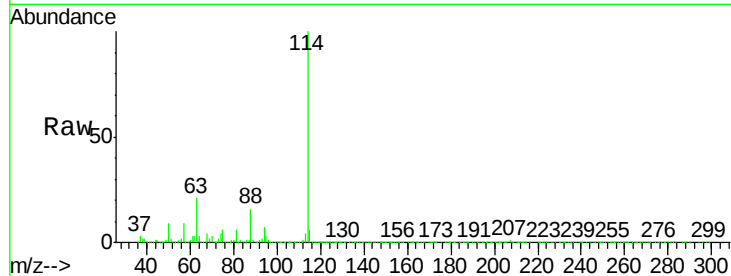
ClientSampleId :

KY001IW091-200421

Tot Ion:	114	Resp:	1405550
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.6
88	16.2	0.0	32.8

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#35

Dibromofluoromethane

Concen: 51.282 ug/l

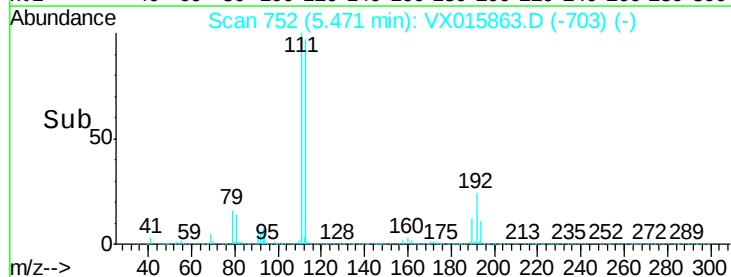
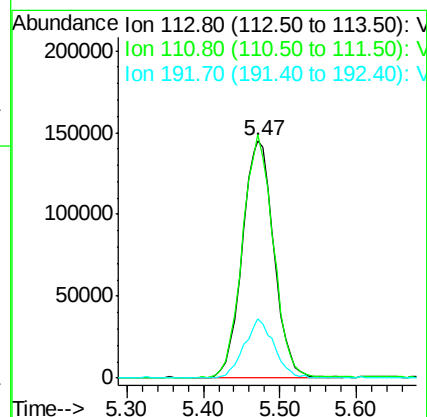
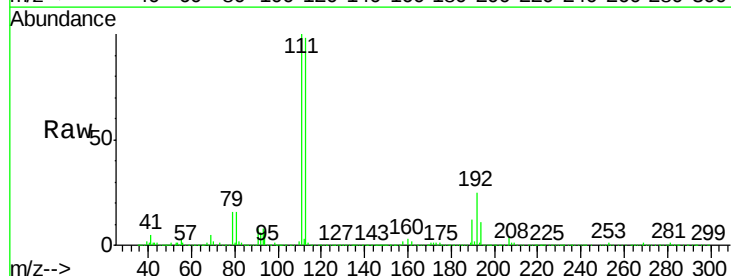
RT: 5.47 min Scan# 752

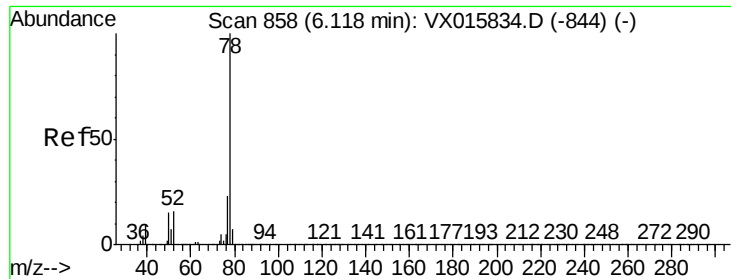
Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Tgt Ion:	113	Resp:	416061
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.7	124.1
192	23.6	19.3	28.9





#40

Benzene

Concen: 0.747 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

Tot Ion: 78 Resp: 28019

Ion Ratio Lower Upper

78 100

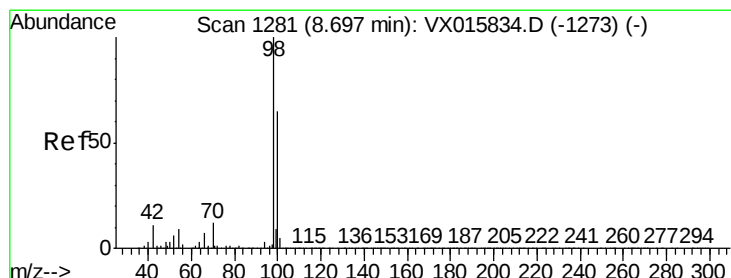
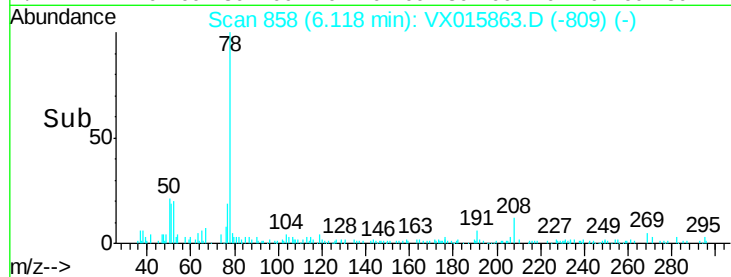
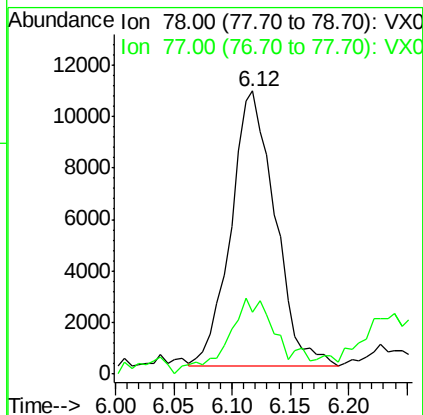
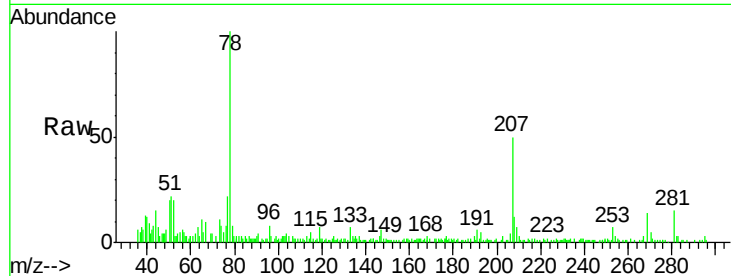
77 18.9 18.6 27.8

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#50

Toluene-d8

Concen: 51.853 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015863.D

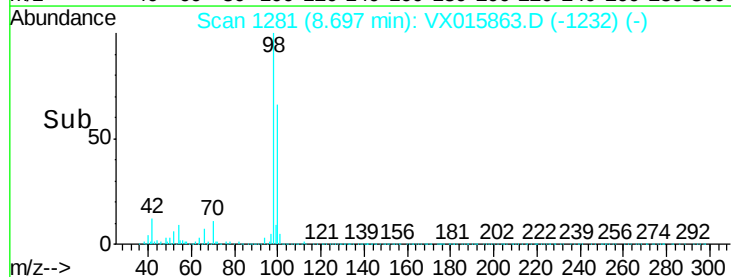
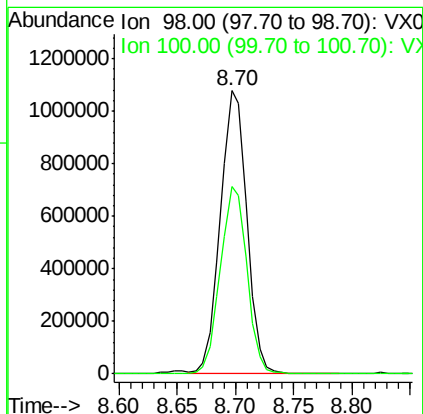
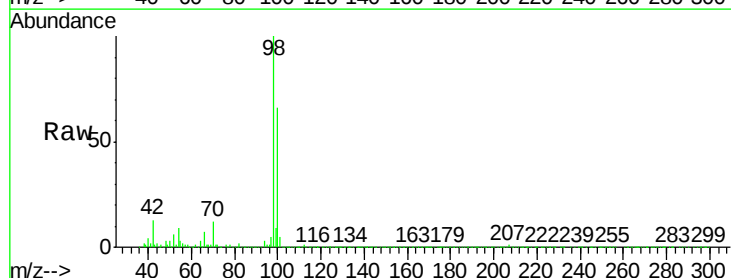
Acq: 23 Apr 2020 00:56

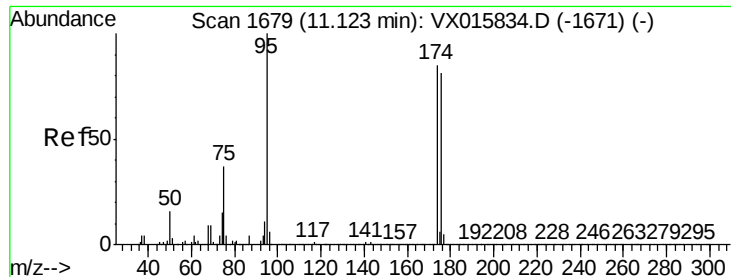
Tgt Ion: 98 Resp: 1693562

Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.6





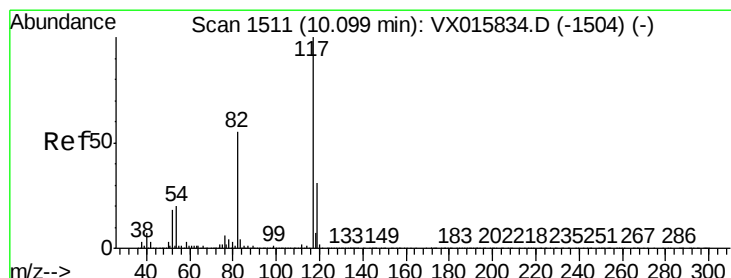
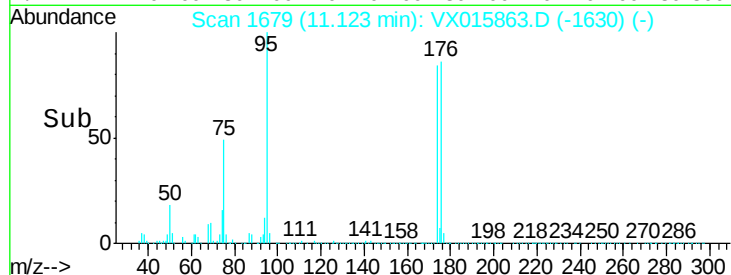
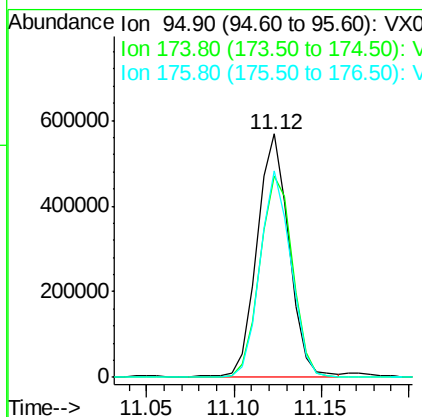
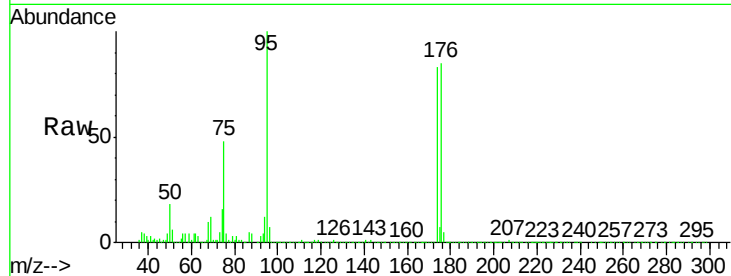
#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	714251		
174	86.0	0.0	172.4	
176	83.2	0.0	167.0	

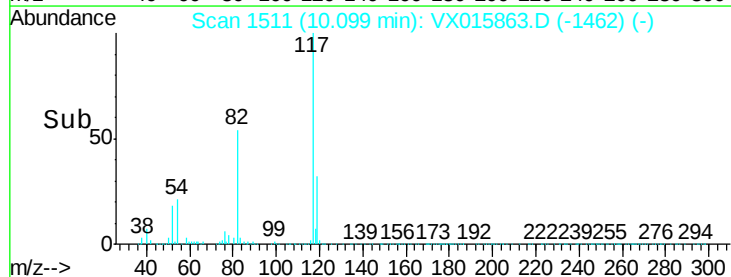
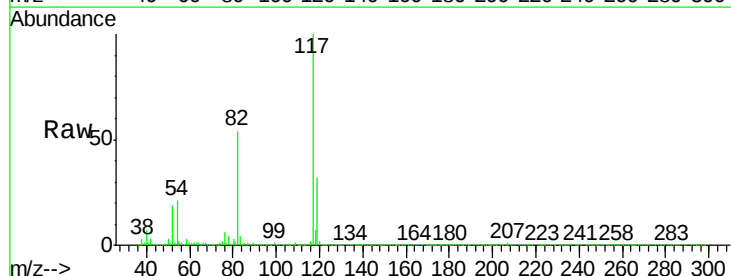
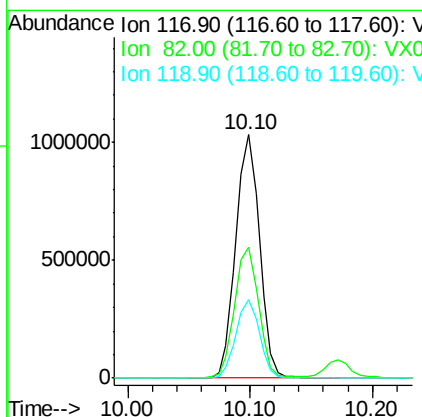
Manual Integrations
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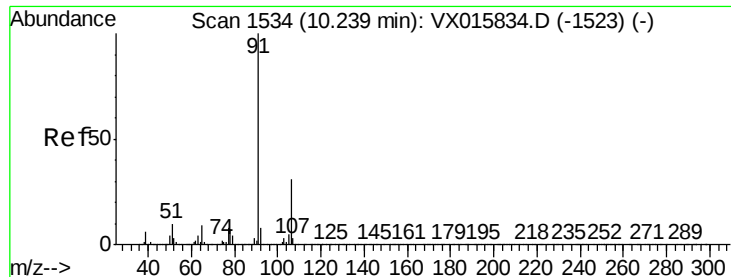
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1385923		
82	53.8	43.9	65.9	
119	32.2	25.1	37.7	





#67

Ethyl Benzene

Concen: 1.029 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

Tot Ion: 91 Resp: 50102

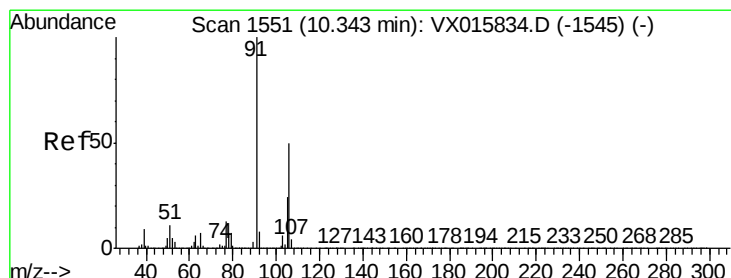
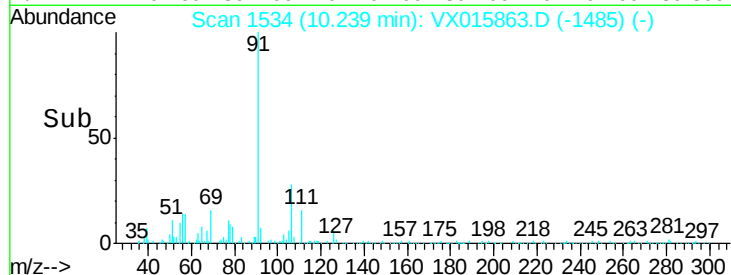
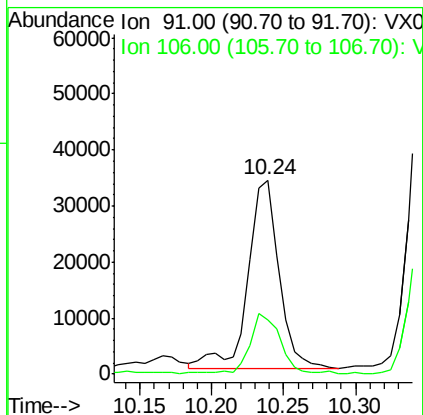
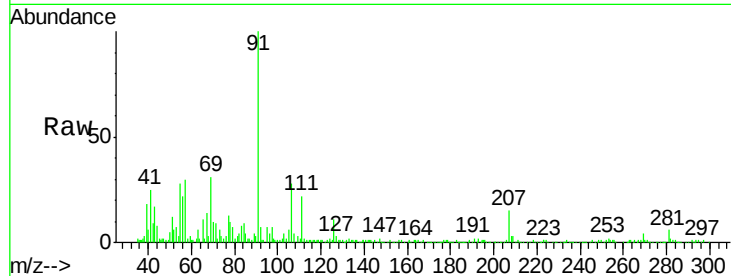
Ion Ratio Lower Upper

91 100

106 28.6 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 1.818 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015863.D

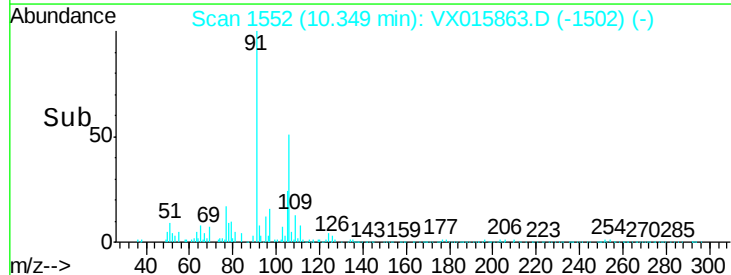
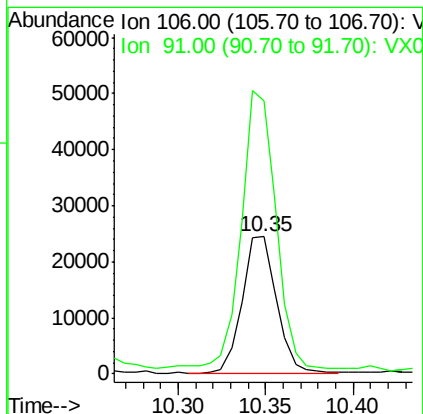
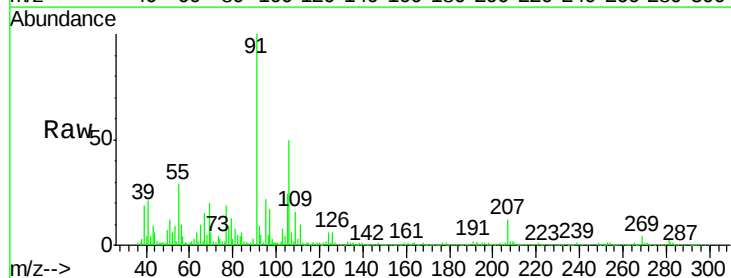
Acq: 23 Apr 2020 00:56

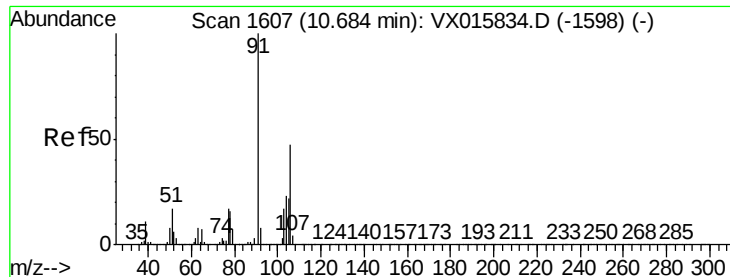
Tgt Ion: 106 Resp: 33217

Ion Ratio Lower Upper

106 100

91 203.2 161.1 241.7





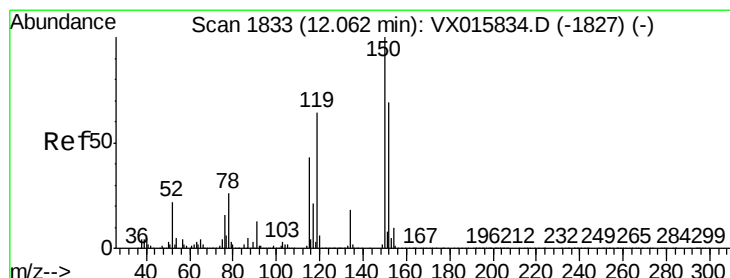
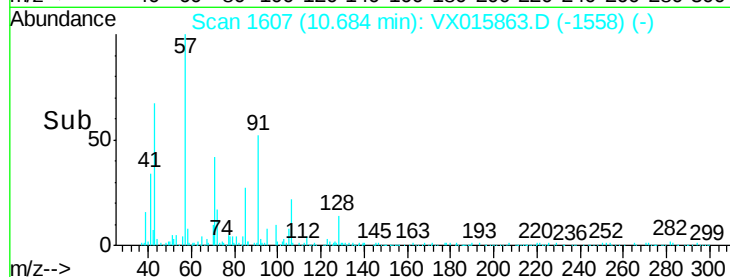
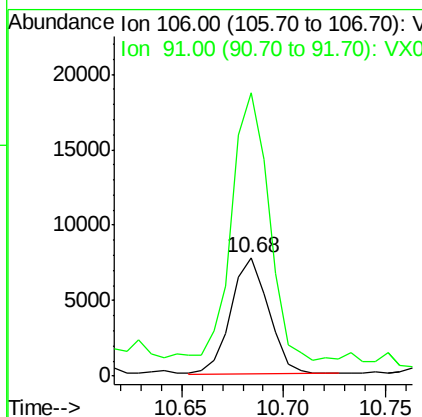
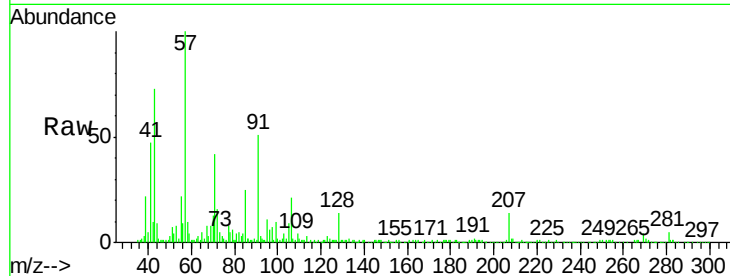
#69
o-Xylene
Concen: 0.554 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion:106 Resp: 9964
Ion Ratio Lower Upper
106 100
91 226.7 107.1 321.3

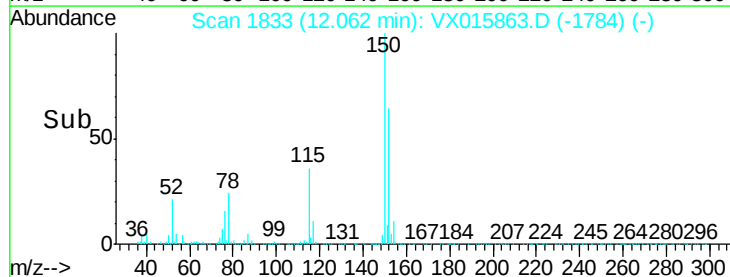
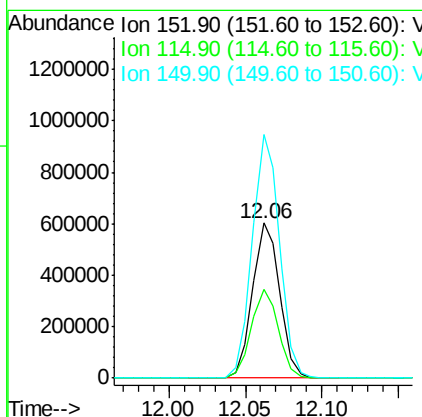
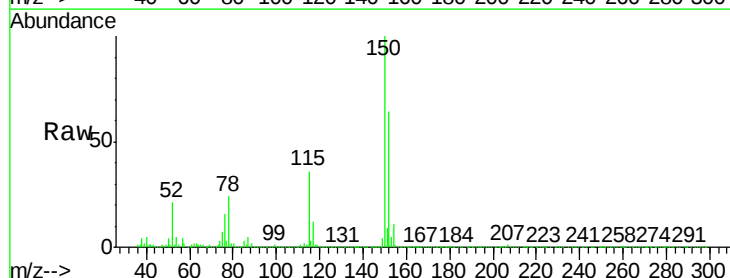
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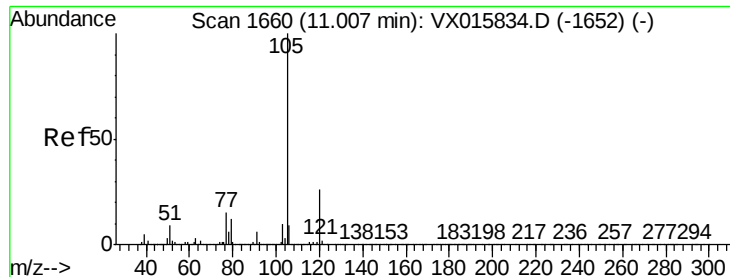
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion:152 Resp: 743208
Ion Ratio Lower Upper
152 100
115 56.6 39.0 116.9
150 157.8 0.0 336.8





#73

Isopropylbenzene

Concen: 92.645 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

Tot Ion:105 Resp: 4372928

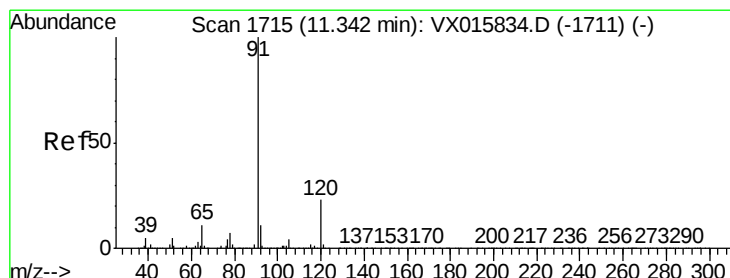
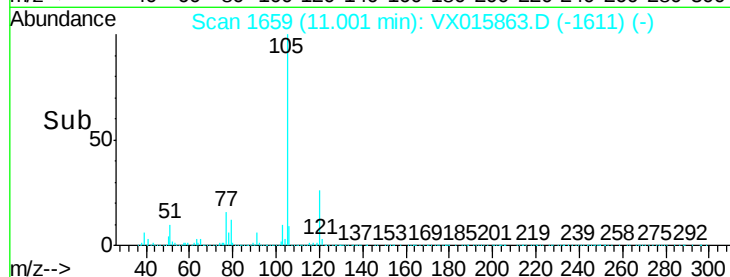
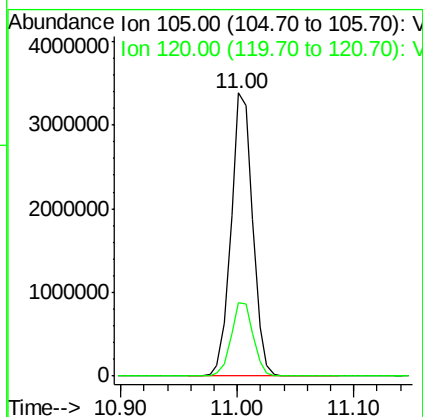
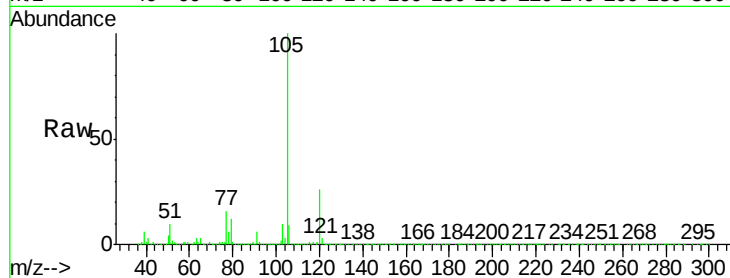
Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1

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#78

n-propylbenzene

Concen: 17.763 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015863.D

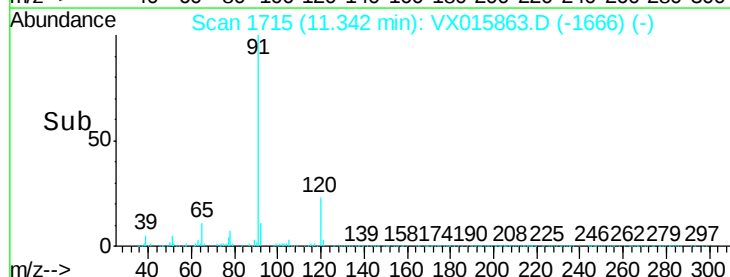
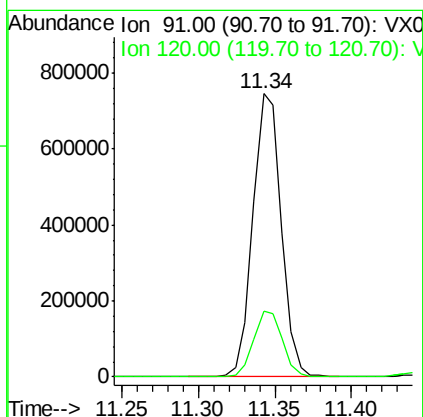
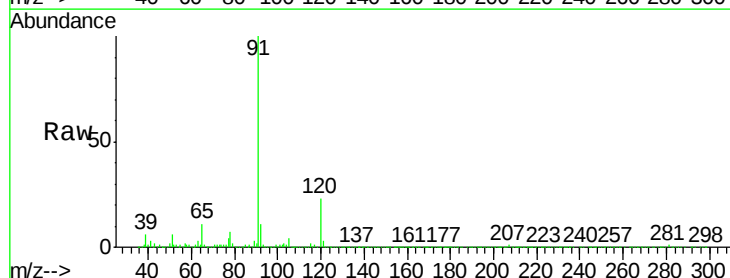
Acq: 23 Apr 2020 00:56

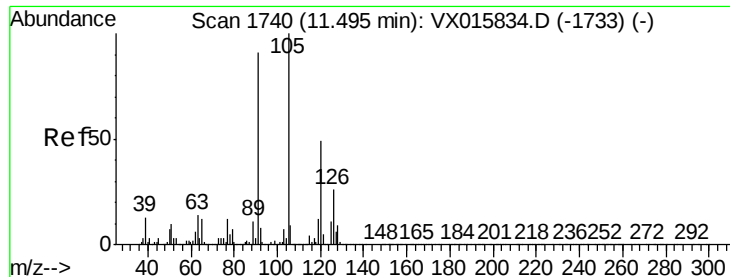
Tgt Ion: 91 Resp: 960462

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.1





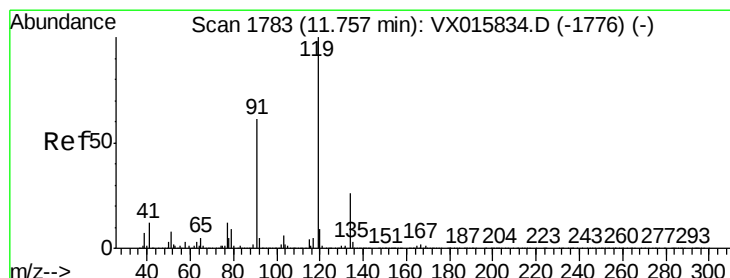
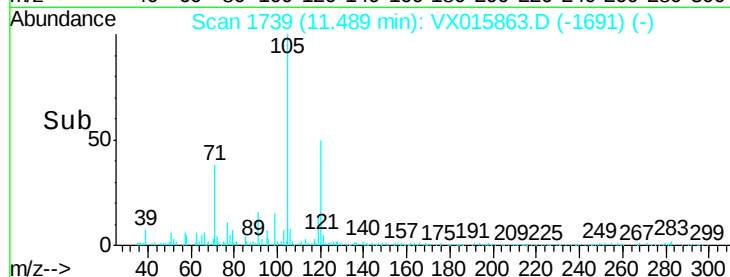
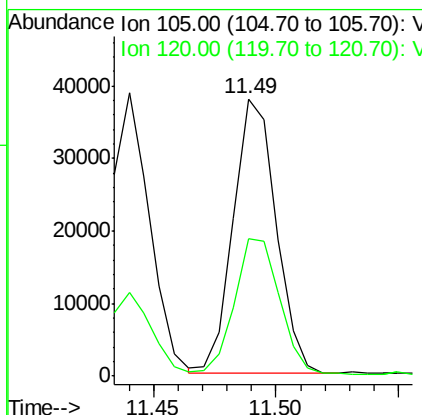
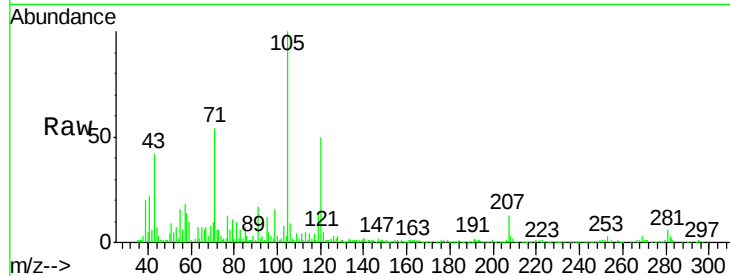
#80
1,3,5-Trimethylbenzene
Concen: 1.140 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion	Ratio	Lower	Upper
105	100		
120	53.0	24.9	74.7

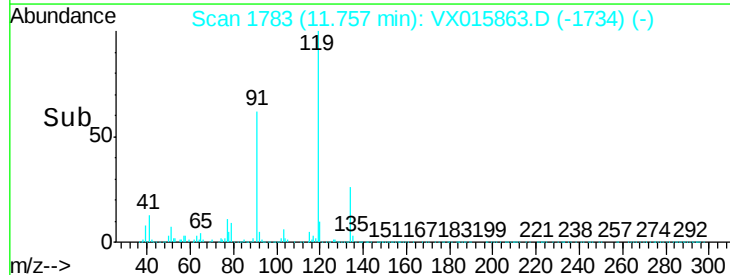
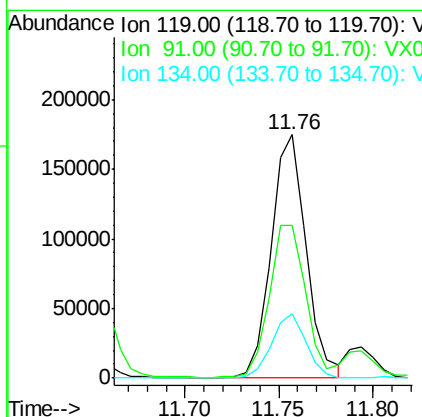
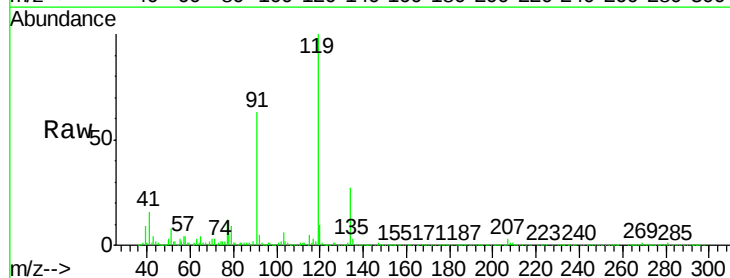
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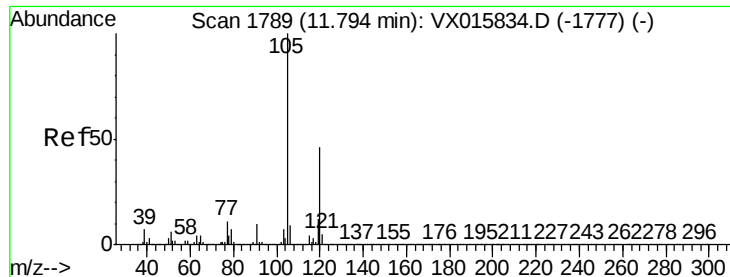
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#83
tert-Butylbenzene
Concen: 6.268 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.7	30.9	92.7
134	25.8	12.4	37.2





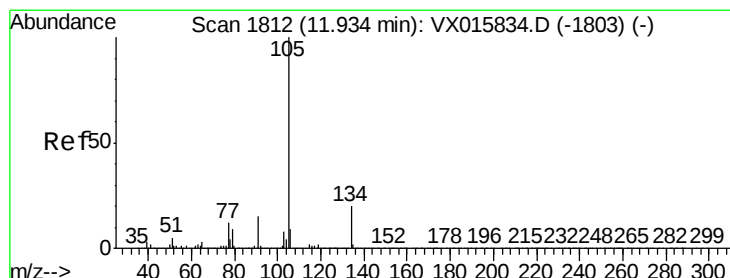
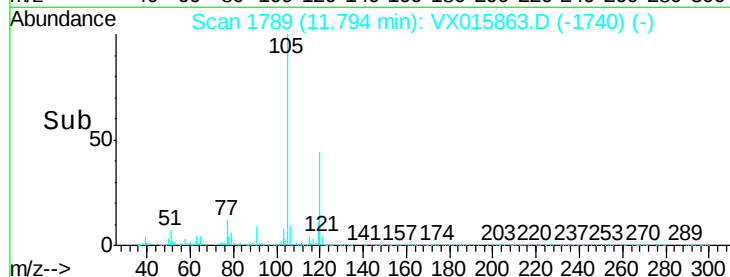
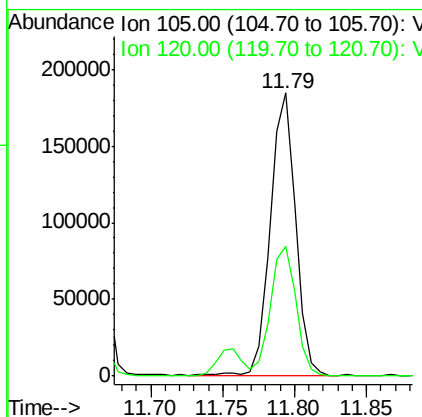
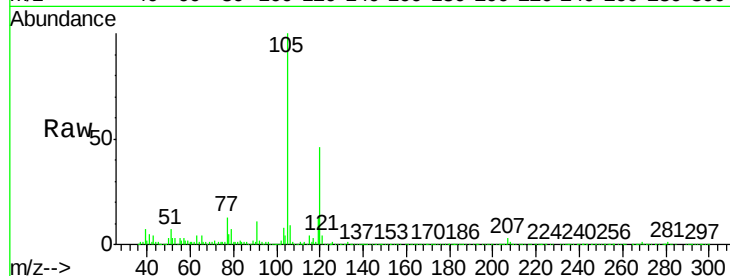
#84
 1,2,4-Trimethylbenzene
 Concen: 5.331 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW091-200421

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.7

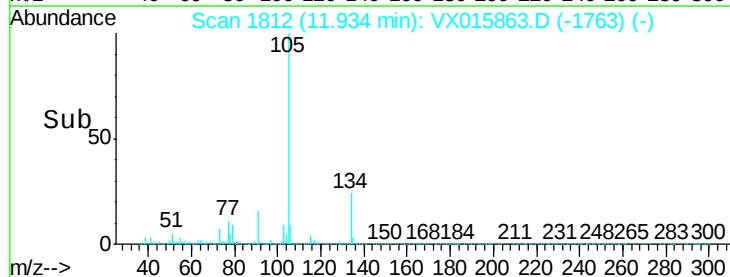
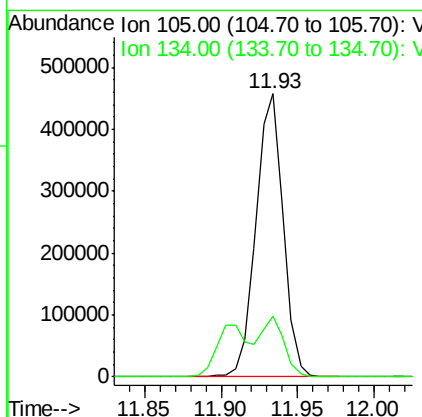
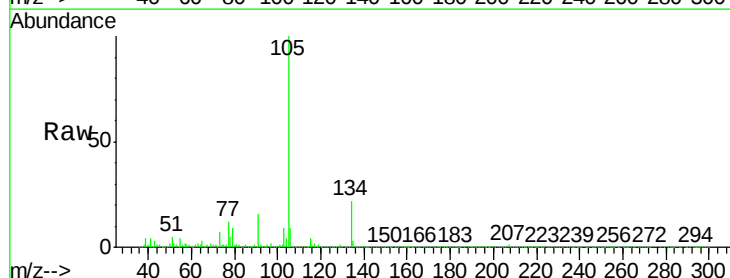
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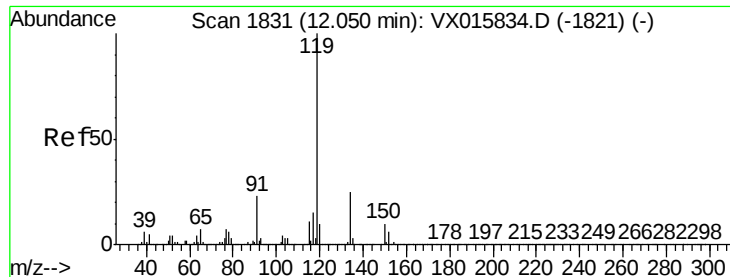
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#85
 sec-Butylbenzene
 Concen: 12.036 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Lower	Upper
105	100		
134	17.3	10.3	30.8





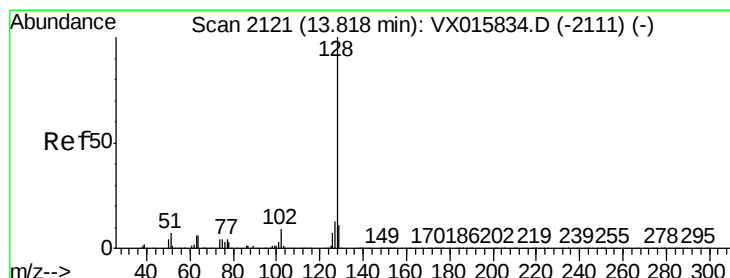
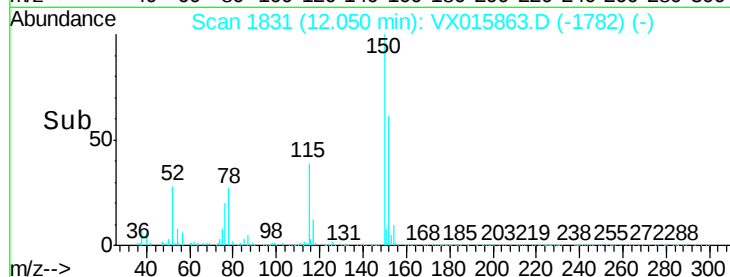
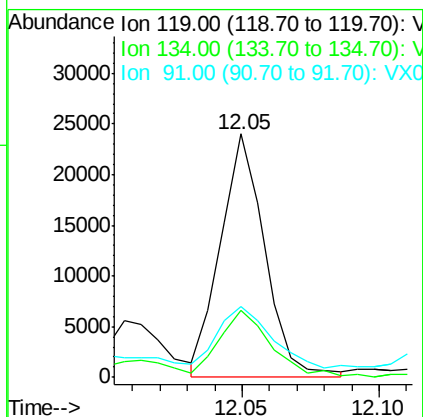
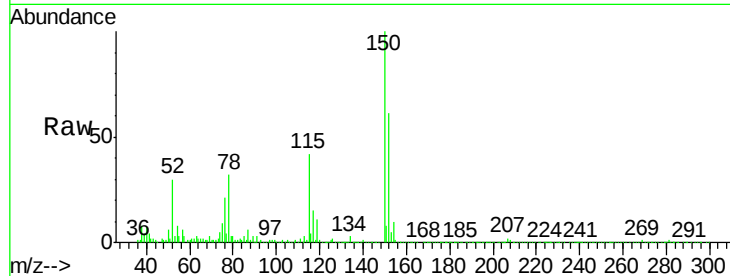
#86
p-Isopropyltoluene
Concen: 0.617 ug/l m
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion	Ratio	Resp	Lower	Upper
119	100	27161		
134	861.1	13.0	38.9#	
91	784.0	11.5	34.5#	

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#95
Naphthalene
Concen: 1.639 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	83409		
127	15.1	10.5	15.7	
129	16.9	8.5	12.7#	

