

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015865.D
 Acq On : 23 Apr 2020 01:41
 Operator : JC/SP
 Sample : L2380-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:15:42 PM

Quant Time: Apr 23 12:24:41 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	938351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1432770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1431457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	785448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	526784	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	5.47	113	421129	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	8.70	98	1749646	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	727308	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	64967	29.794	ug/l #	73
16) Acetone	2.42	43	6977	1.501	ug/l #	85
19) Methyl tert-butyl Ether	3.17	73	220555	7.601	ug/l #	1
31) Cyclohexane	5.55	56	254411	16.316	ug/l	96
39) Methylcyclohexane	7.44	83	379190	23.574	ug/l	91
40) Benzene	6.12	78	139015	3.634	ug/l	98
52) Toluene	8.77	92	20903	0.852	ug/l	94
67) Ethyl Benzene	10.23	91	192115	3.822	ug/l	99
68) m/p-Xylenes	10.34	106	14712	0.780	ug/l	85
69) o-Xylene	10.68	106	17203	0.927	ug/l	97
73) Isopropylbenzene	11.00	105	13183075	264.276	ug/l	87
78) n-propylbenzene	11.34	91	13464949	235.631	ug/l	85
83) tert-Butylbenzene	11.76	119	453075	12.008	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	299445	6.781	ug/l	100
85) sec-Butylbenzene	11.93	105	1396633	28.080	ug/l	93
89) n-Butylbenzene	12.37	91	1021766m	24.573	ug/l	
95) Naphthalene	13.82	128	132130	2.456	ug/l #	84

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

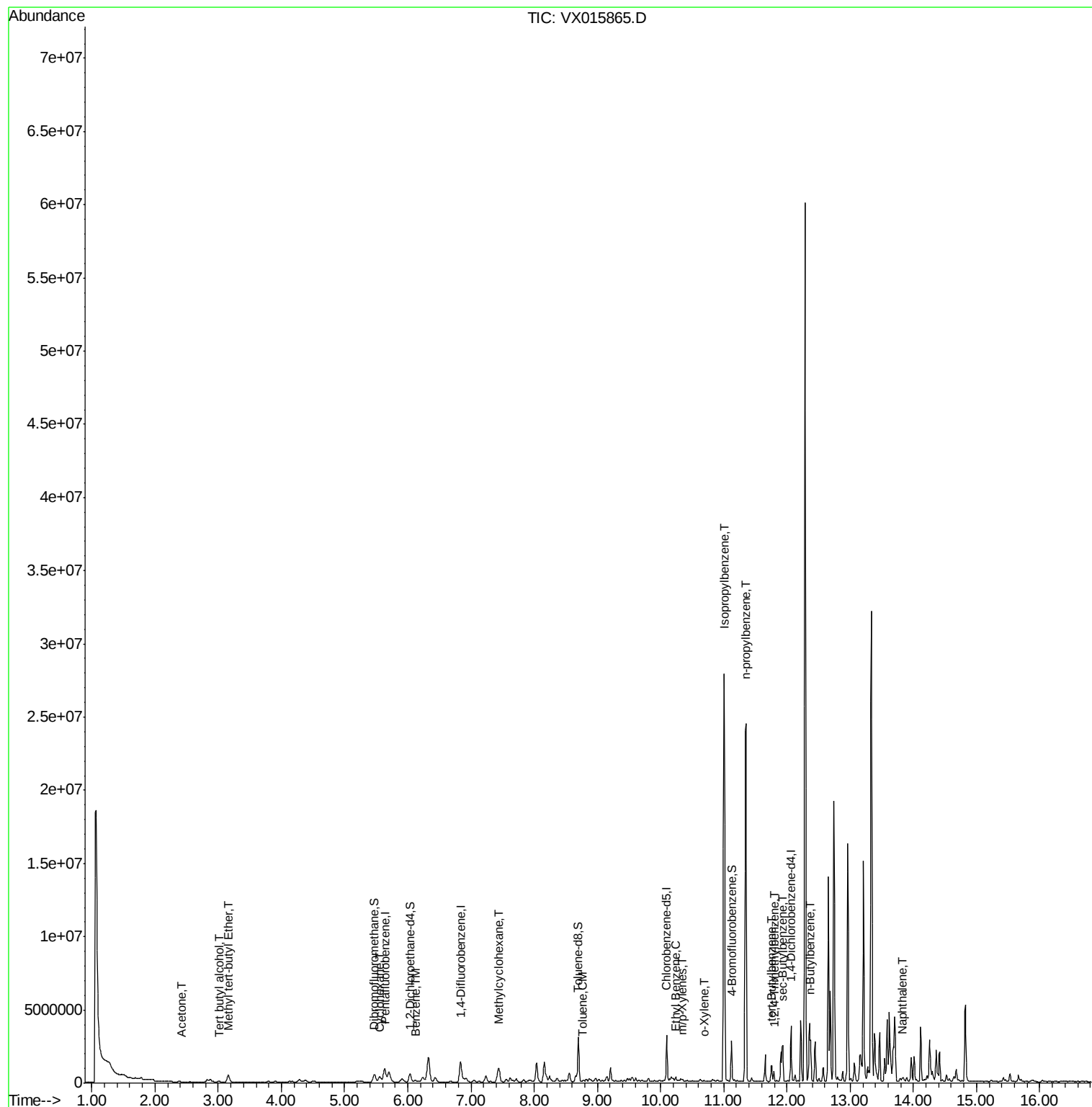
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

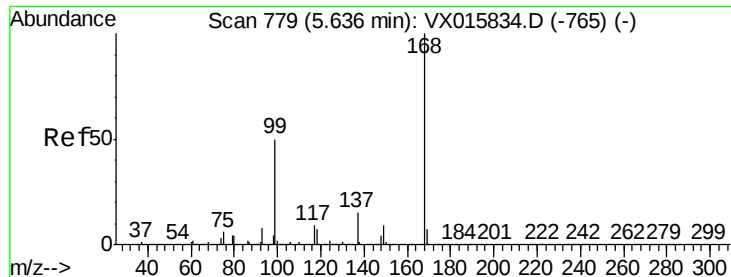
Instrument :
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ClientSampleId :
KY001MW029-200421

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Quant Time: Apr 23 12:24:41 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

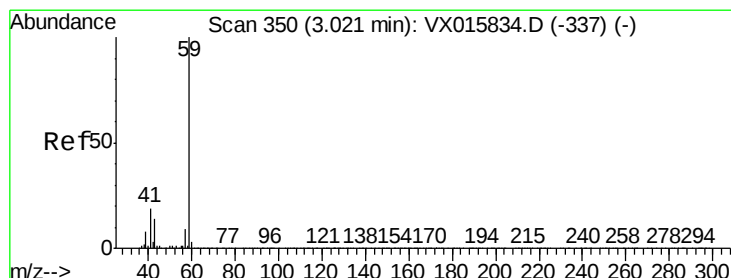
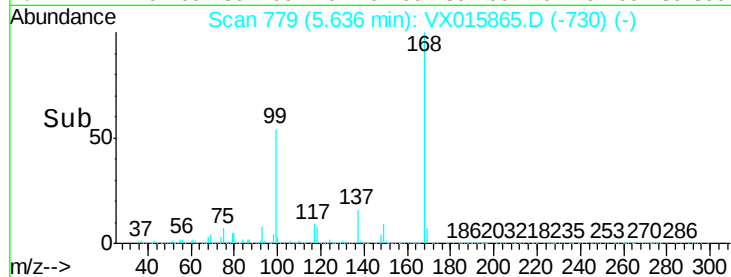
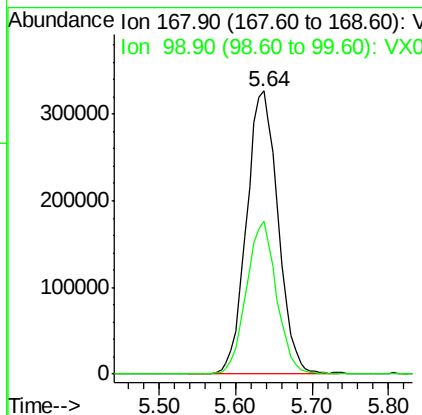
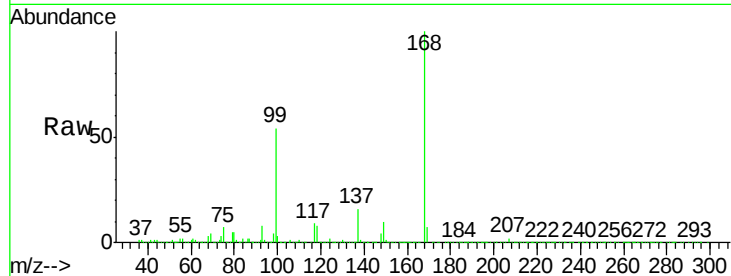
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

Tot Ion	Ratio	Resp	Lower	Upper
168	100	938351		
99	53.8	40.3	60.5	

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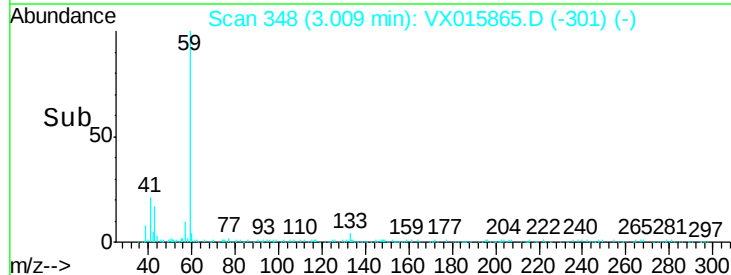
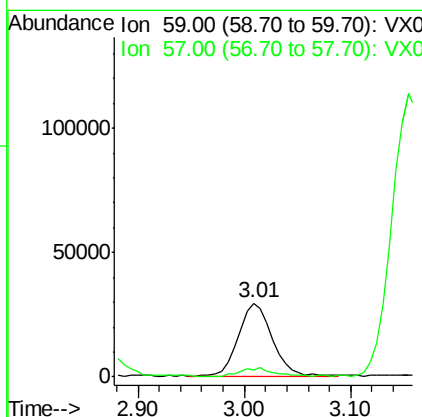
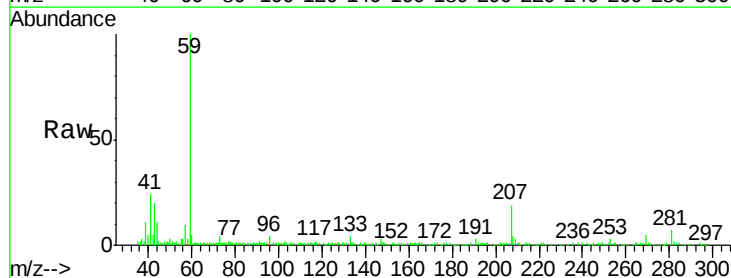
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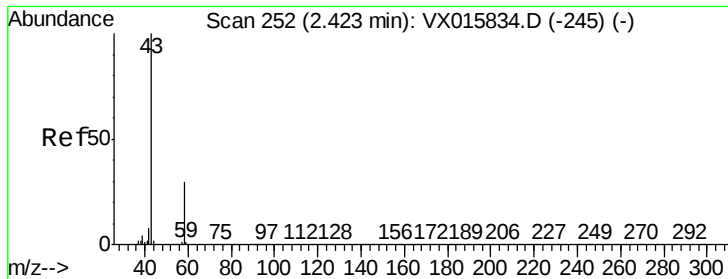


#11

Tert butyl alcohol
 Concen: 29.794 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	64967		
57	0.0	8.2	12.2	#





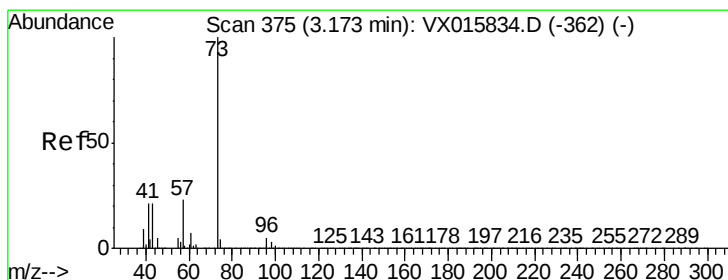
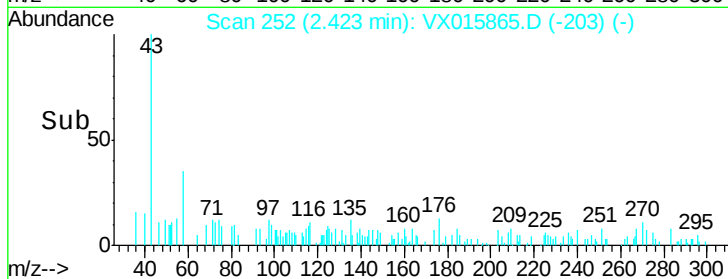
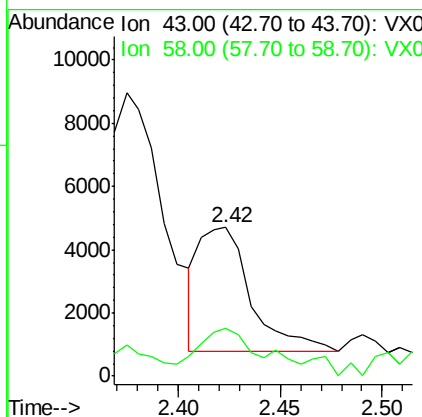
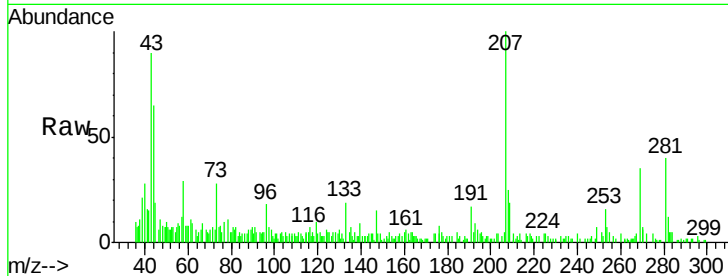
#16
Acetone
Concen: 1.501 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	24.0	36.0#

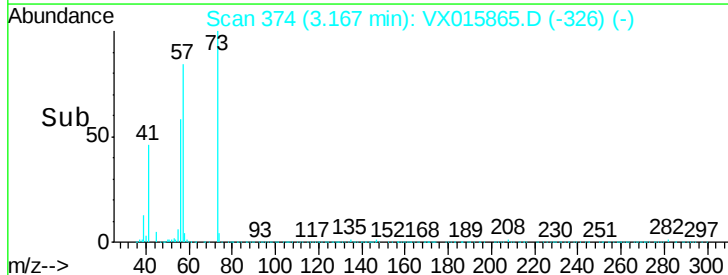
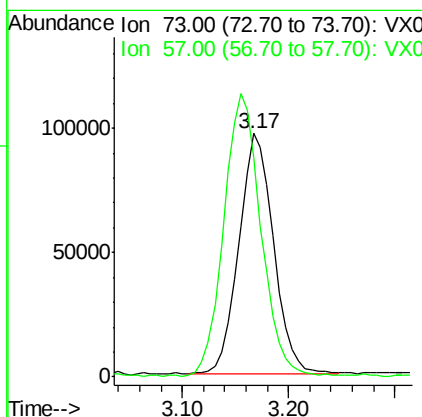
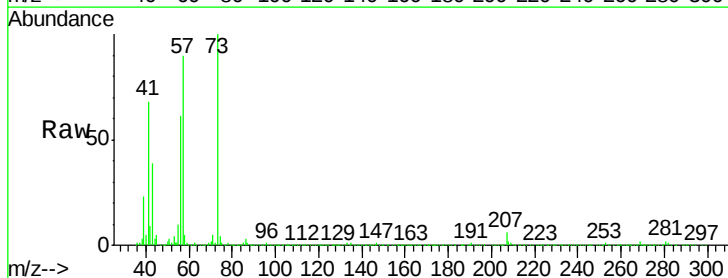
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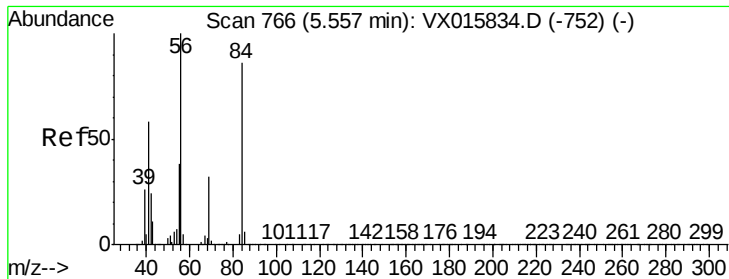
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#19
Methyl tert-butyl Ether
Concen: 7.601 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Lower	Upper
73	100		
57	90.8	18.1	27.1#





#31

Cyclohexane

Concen: 16.316 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

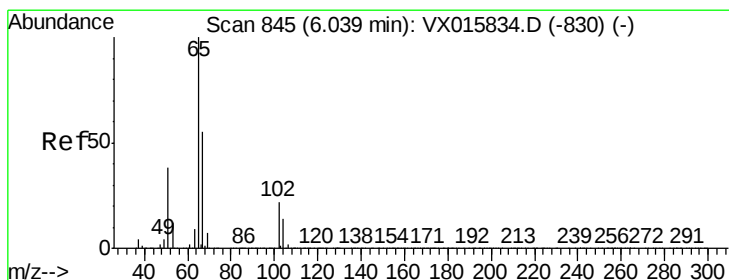
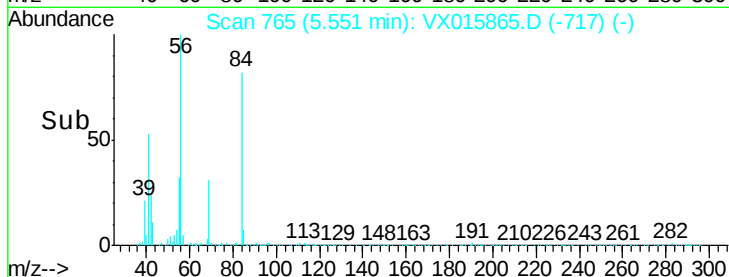
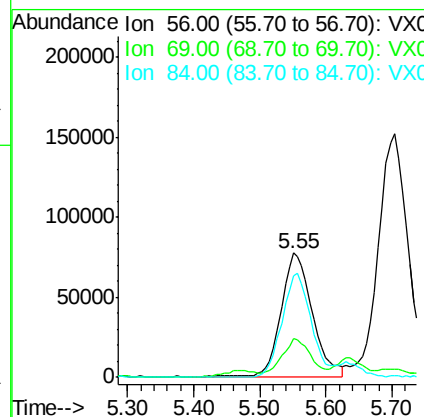
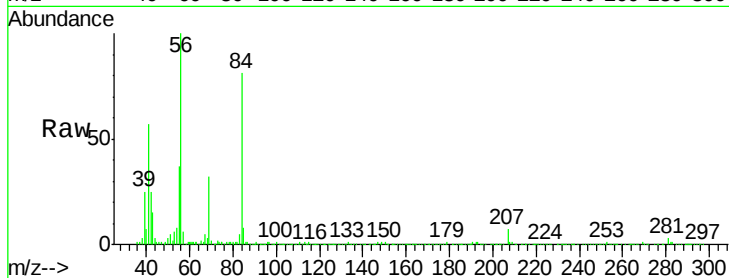
ClientSampleId :

KY001MW029-200421

Tot Ion:	56	Resp:	254411
Ion Ratio	Lower	Upper	
56	100		
69	31.2	25.3	37.9
84	81.5	69.1	103.7

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#33

1,2-Dichloroethane-d4

Concen: 49.359 ug/l

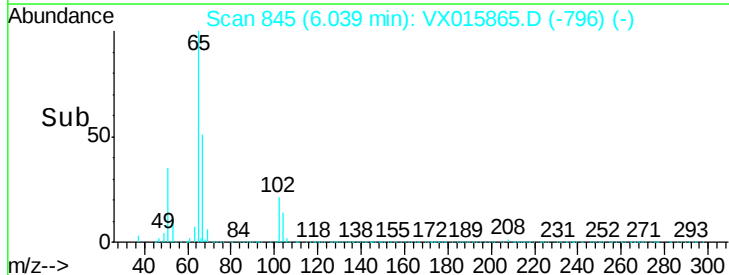
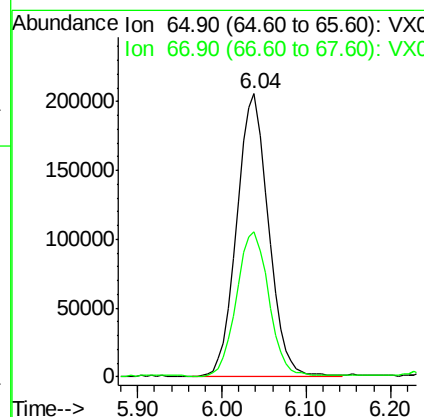
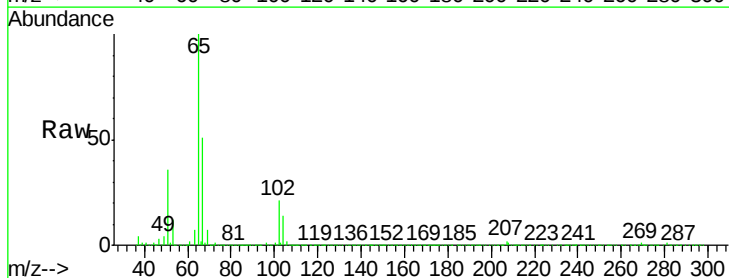
RT: 6.04 min Scan# 845

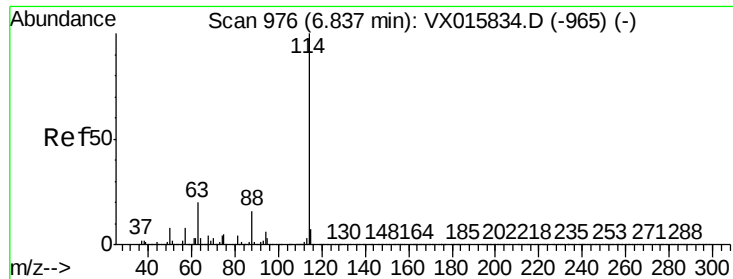
Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Tgt Ion:	65	Resp:	526784
Ion Ratio	Lower	Upper	
65	100		
67	51.7	0.0	104.2





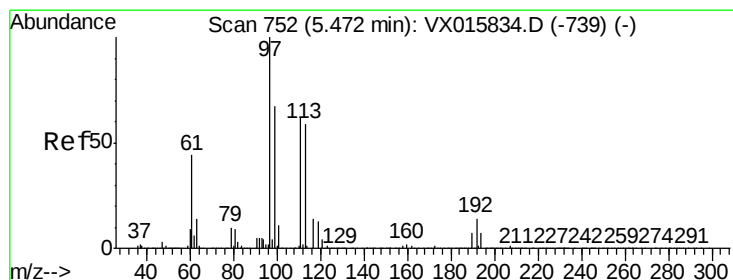
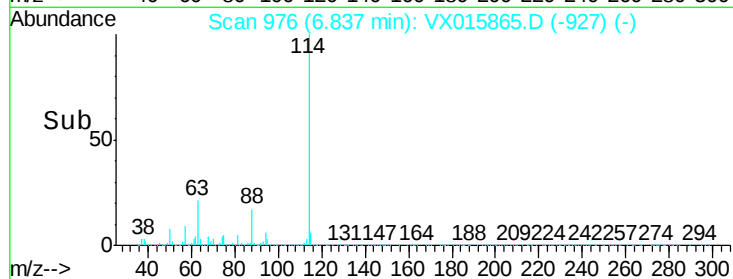
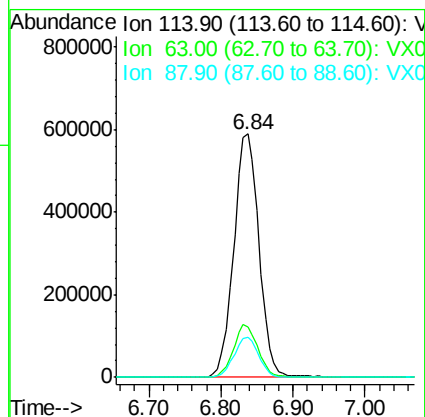
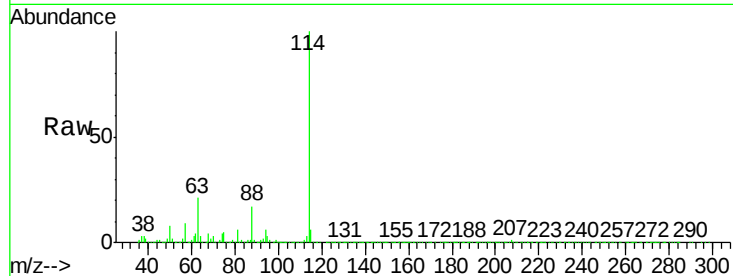
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	16.7	0.0	32.8

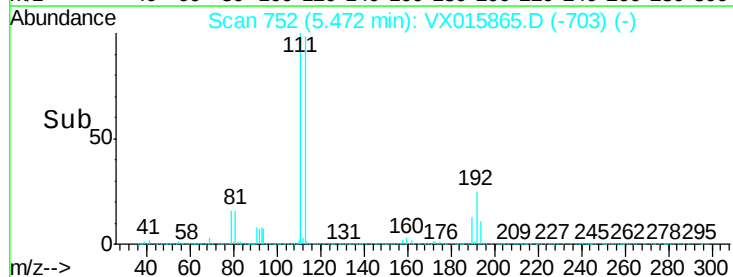
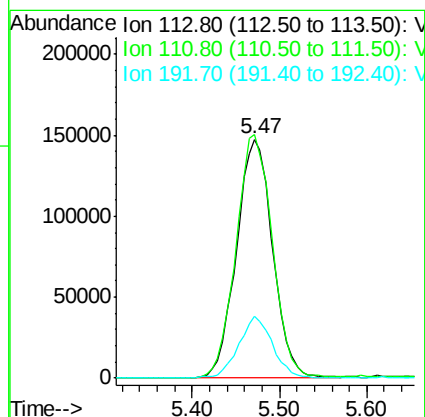
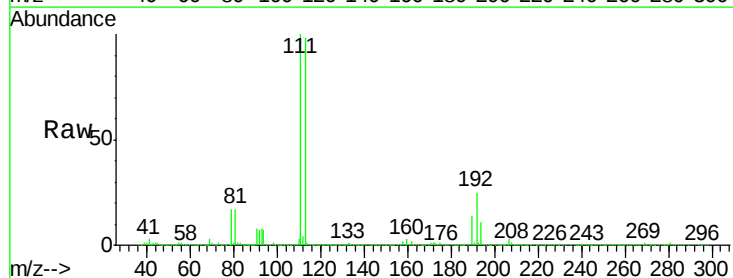
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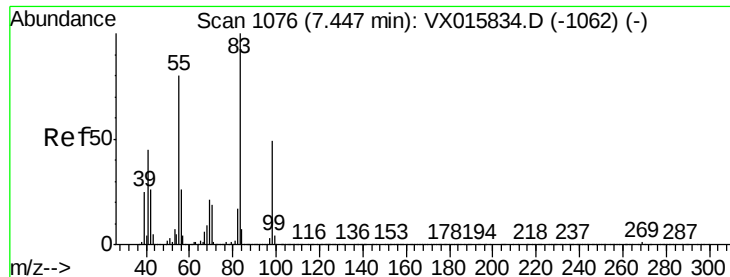
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#35
Dibromofluoromethane
Concen: 50.921 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	24.0	19.3	28.9





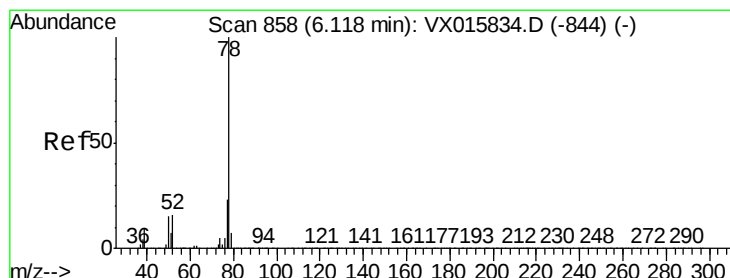
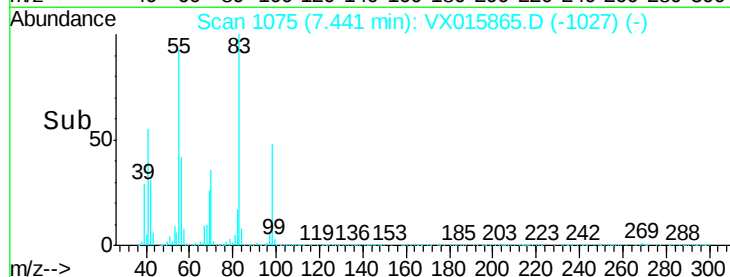
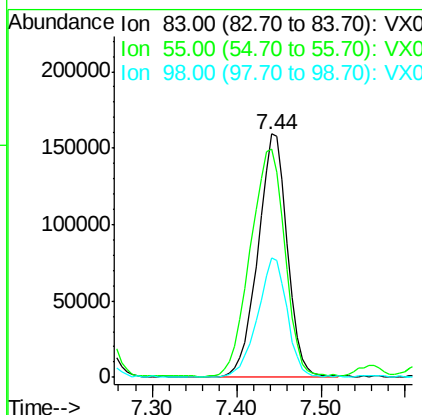
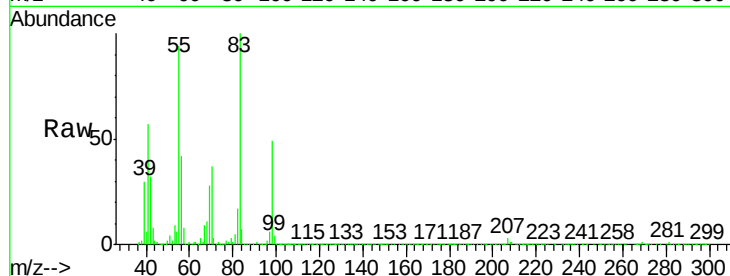
#39
Methvlcvclohexane
Concen: 23.574 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Resp	Lower	Upper
83	100	379190		
55	93.1	64.2	96.4	
98	48.7	39.3	58.9	

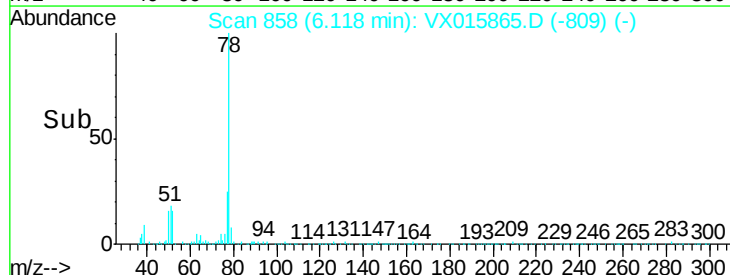
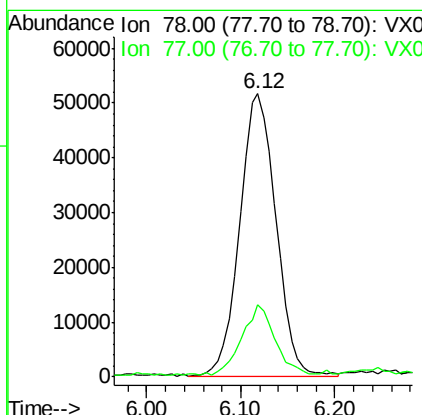
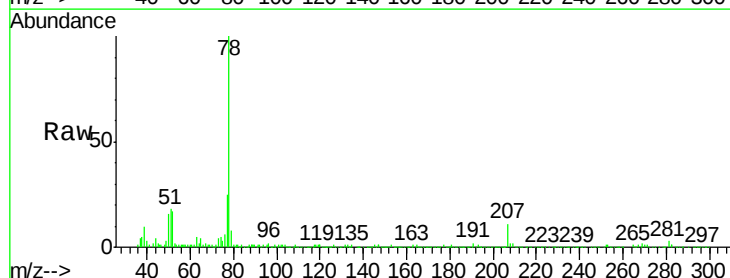
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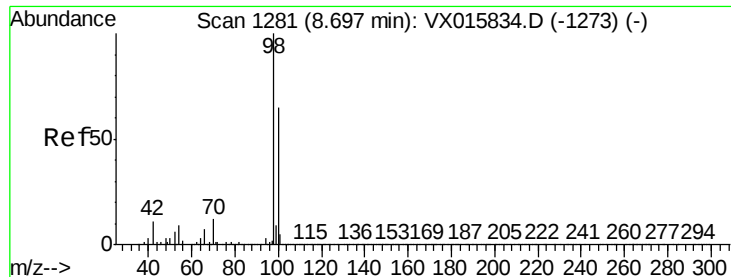
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#40
Benzene
Concen: 3.634 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	139015		
77	24.3	18.6	27.8	





#50

Toluene-d8

Concen: 52.553 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

Tot Ion: 98 Resp: 1749646

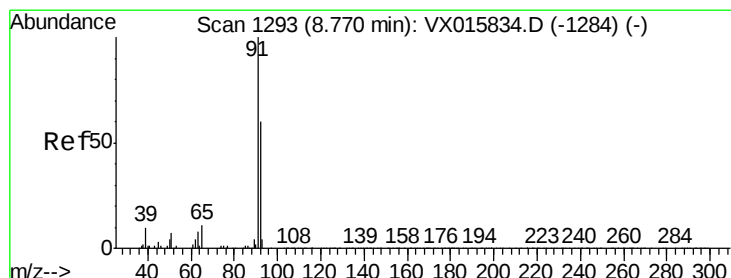
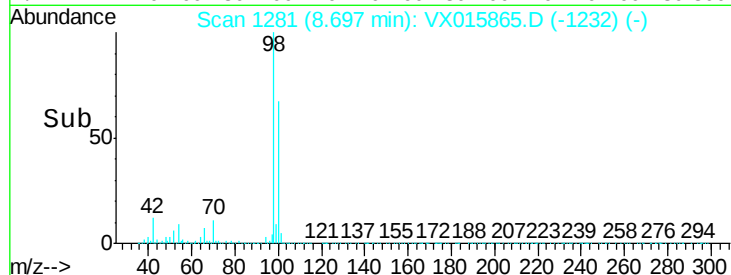
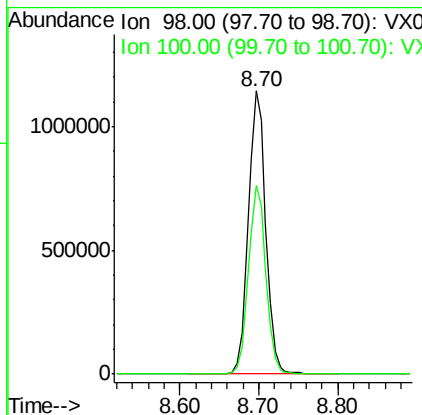
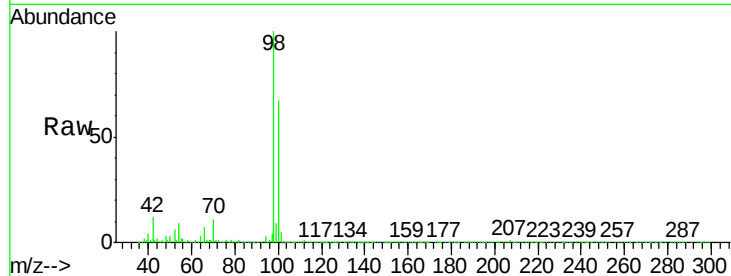
Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.6

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#52

Toluene

Concen: 0.852 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015865.D

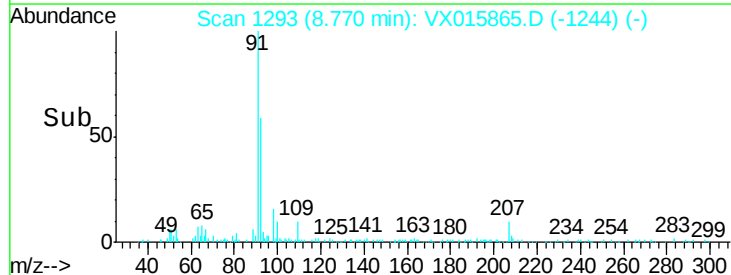
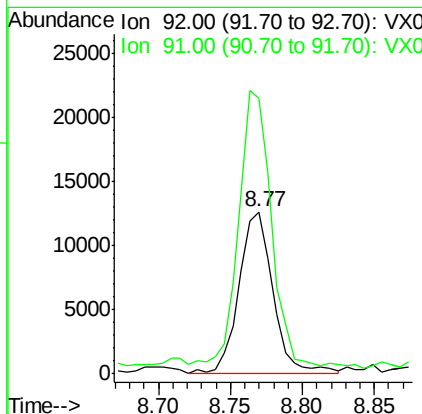
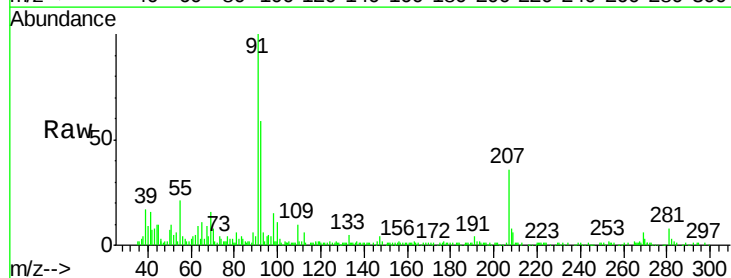
Acq: 23 Apr 2020 01:41

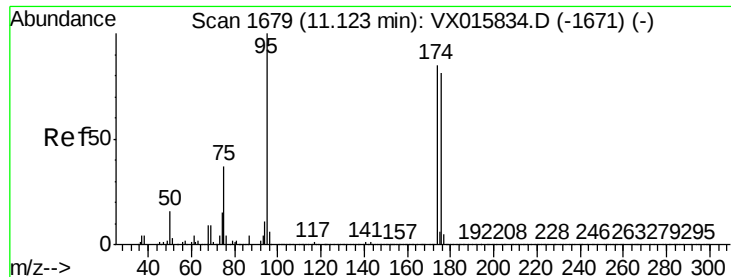
Tgt Ion: 92 Resp: 20903

Ion Ratio Lower Upper

92 100

91 158.0 133.4 200.0





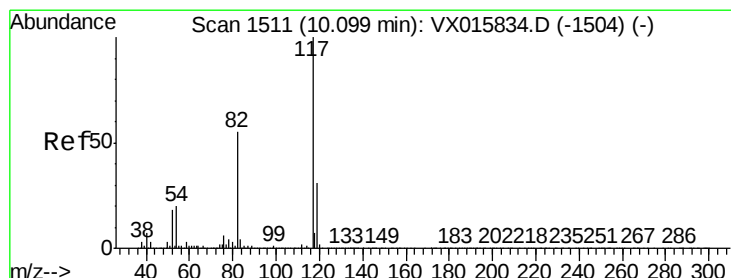
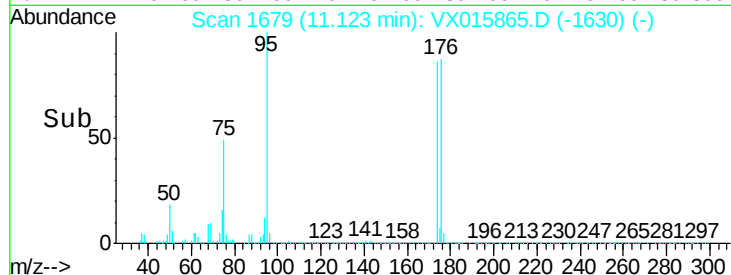
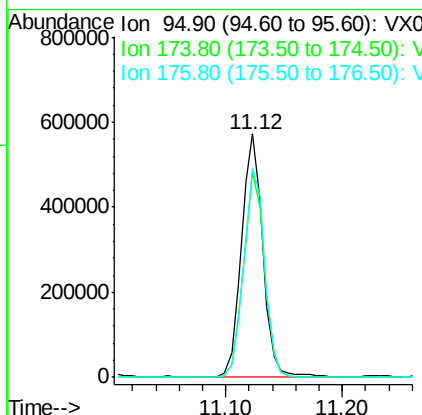
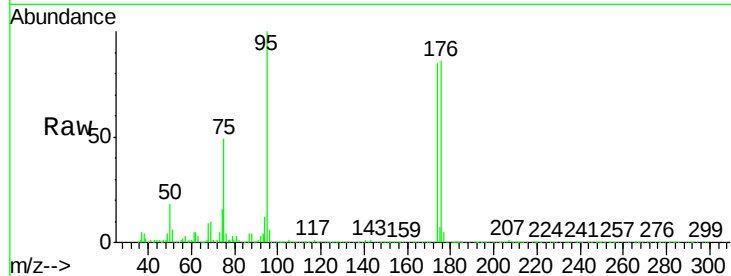
#62
4-Bromofluorobenzene
Concen: 53.252 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Resp	Lower	Upper
95	100	727308		
174	83.2	0.0	172.4	
176	85.1	0.0	167.0	

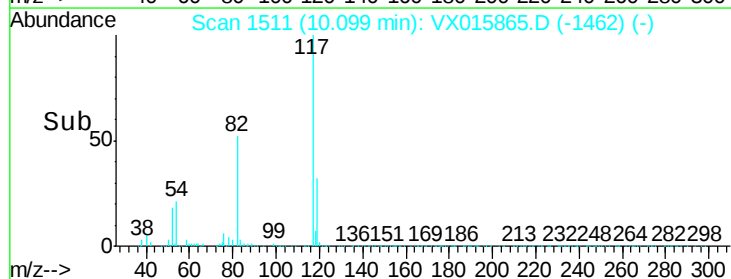
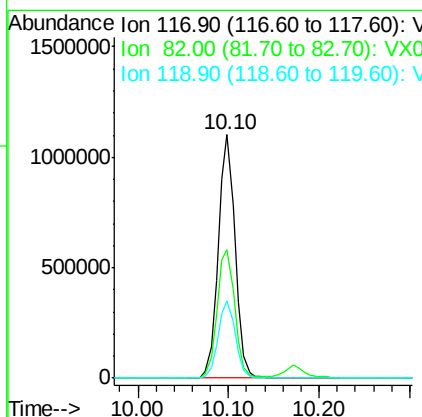
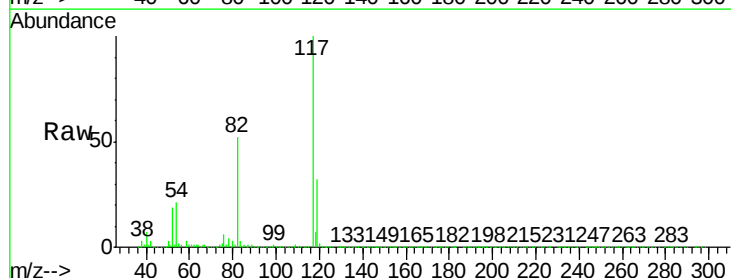
Manual Integrations
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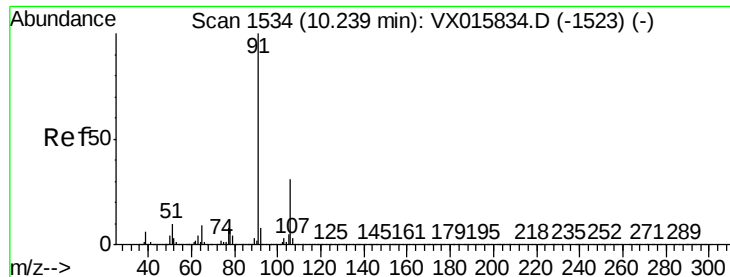
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1431457		
82	52.3	43.9	65.9	
119	31.5	25.1	37.7	





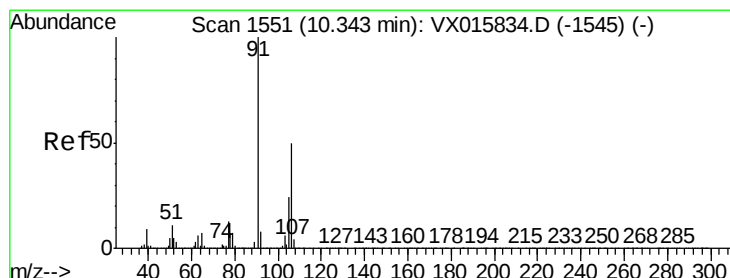
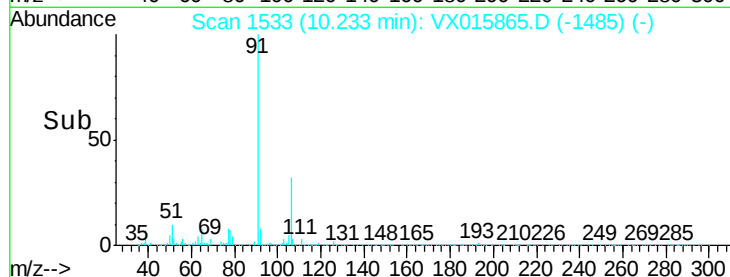
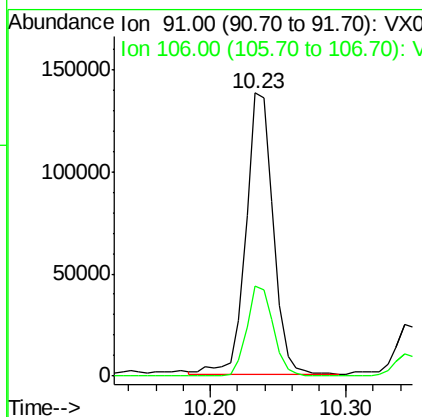
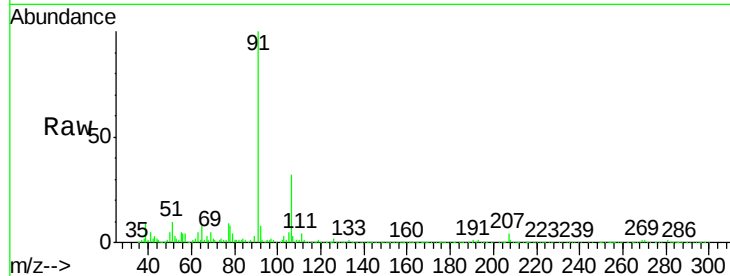
#67
Ethyl Benzene
Concen: 3.822 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion: 91 Resp: 192115
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

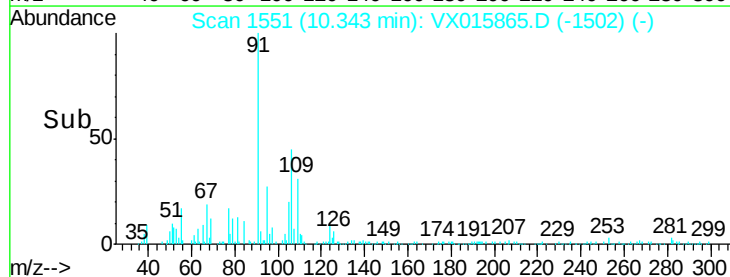
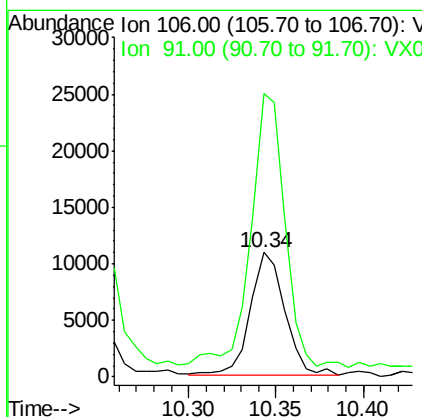
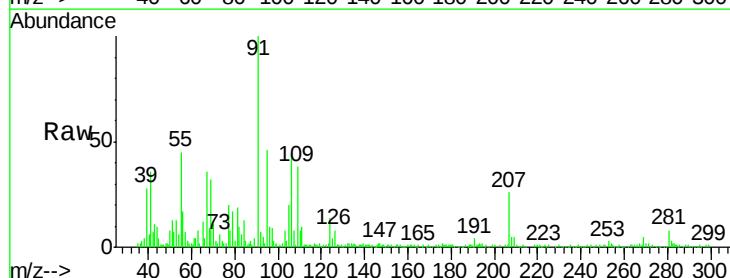
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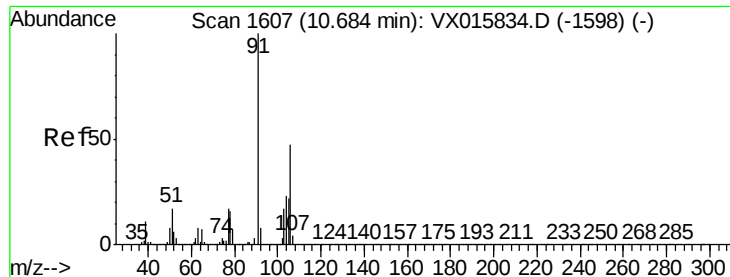
MMDadoda
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#68
m/p-Xylenes
Concen: 0.780 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 106 Resp: 14712
Ion Ratio Lower Upper
106 100
91 224.2 161.1 241.7





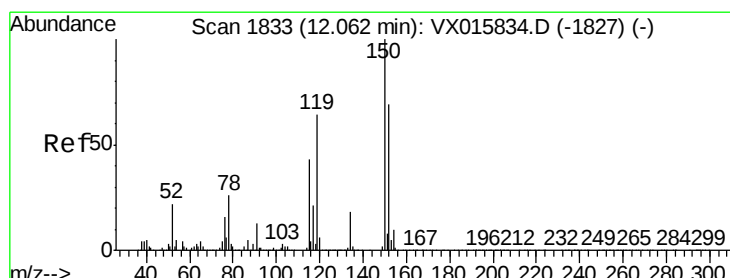
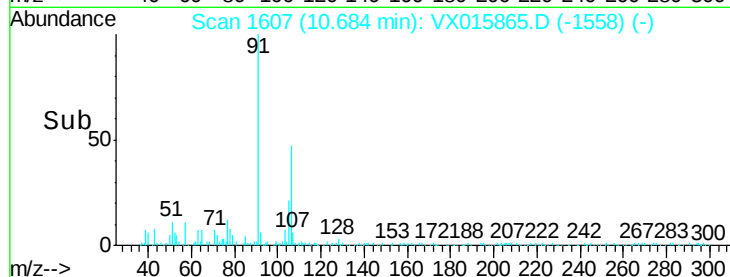
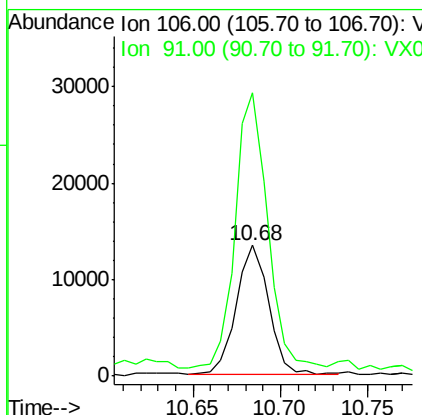
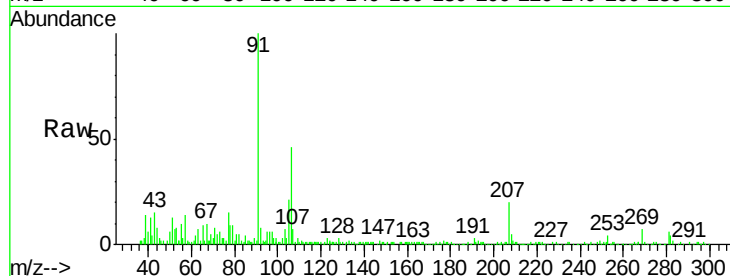
#69
o-Xylene
Concen: 0.927 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion:106 Resp: 17203
Ion Ratio Lower Upper
106 100
91 210.0 107.1 321.3

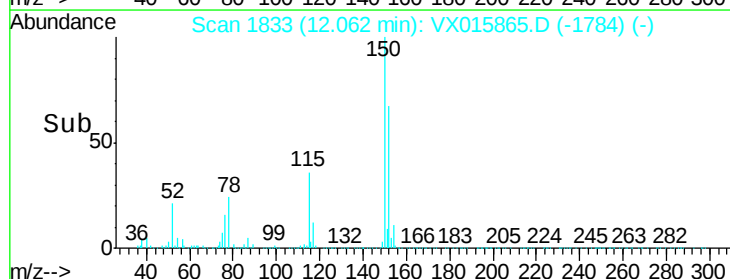
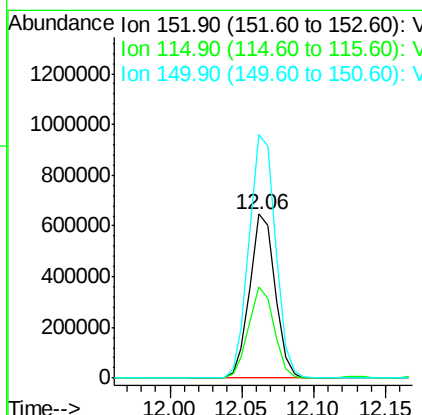
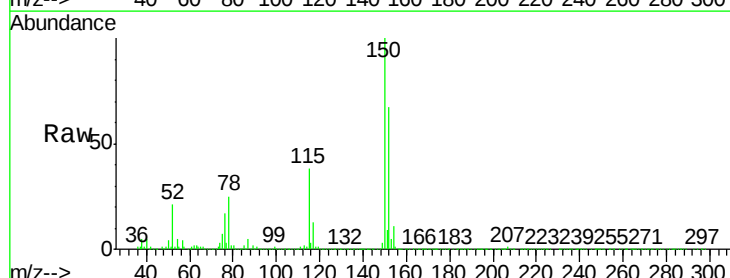
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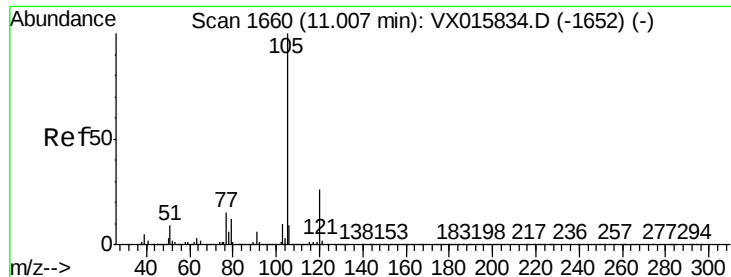
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion:152 Resp: 785448
Ion Ratio Lower Upper
152 100
115 56.8 39.0 116.9
150 154.7 0.0 336.8





#73

Isopropylbenzene

Concen: 264.276 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

Tot Ion:105 Resp:13183075

Ion Ratio Lower Upper

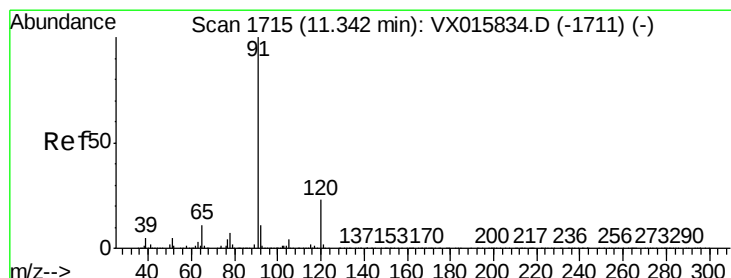
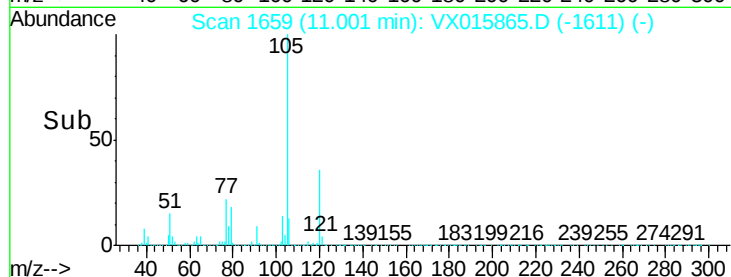
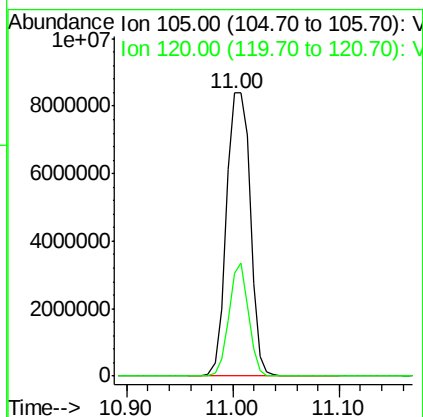
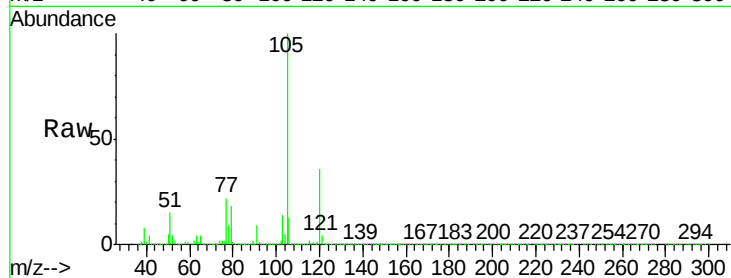
105 100

120 32.7 13.1 39.1

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#78

n-propylbenzene

Concen: 235.631 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015865.D

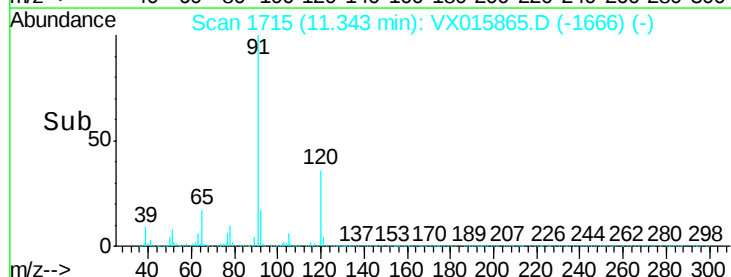
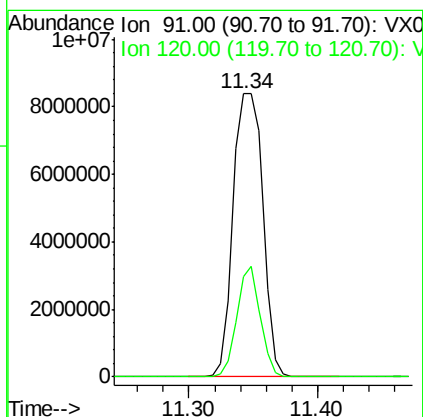
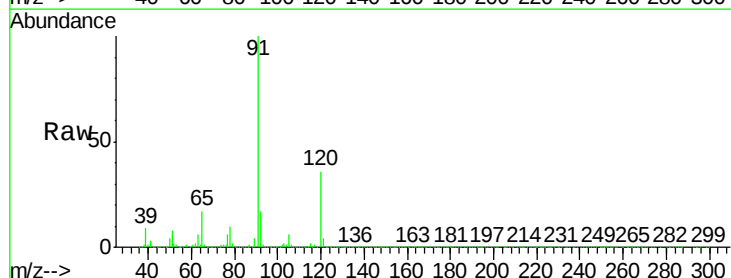
Acq: 23 Apr 2020 01:41

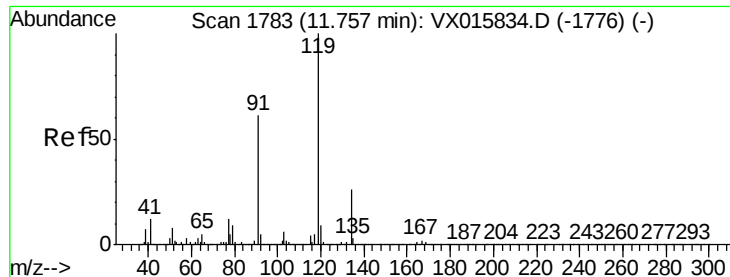
Tgt Ion: 91 Resp:13464949

Ion Ratio Lower Upper

91 100

120 30.6 11.7 35.1





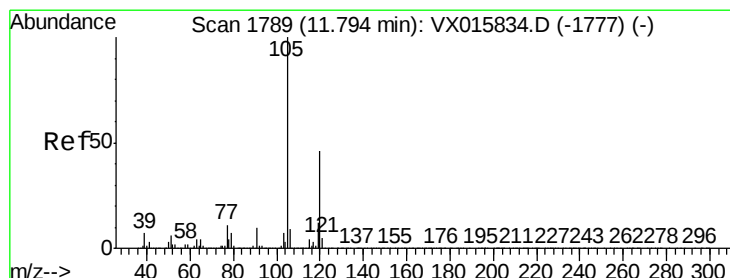
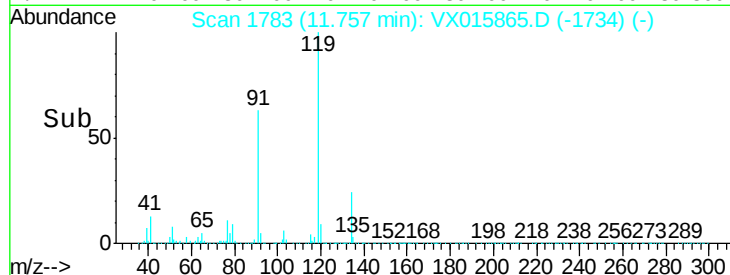
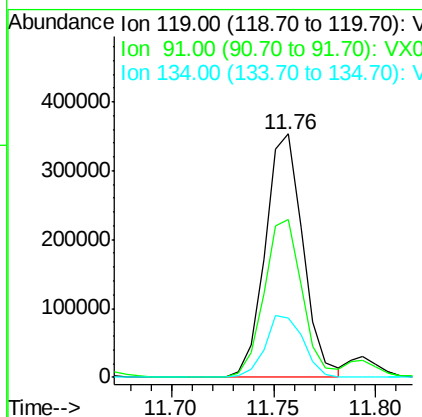
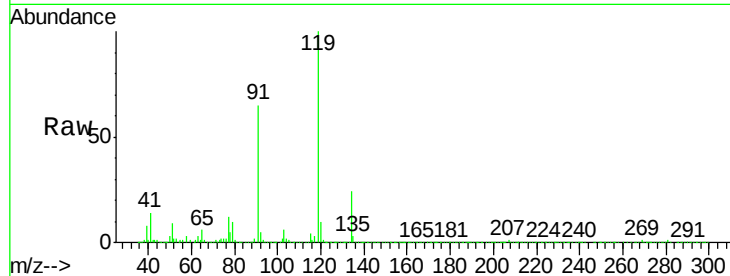
#83
tert-Butylbenzene
Concen: 12.008 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Resp	Lower	Upper
119	100	453075		
91	65.5	30.9	92.7	
134	26.1	12.4	37.2	

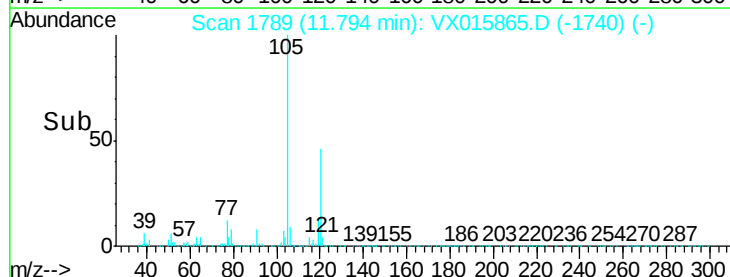
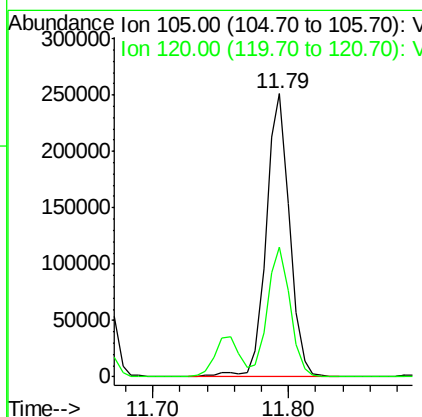
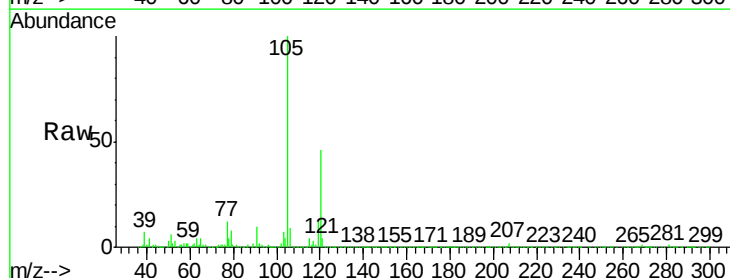
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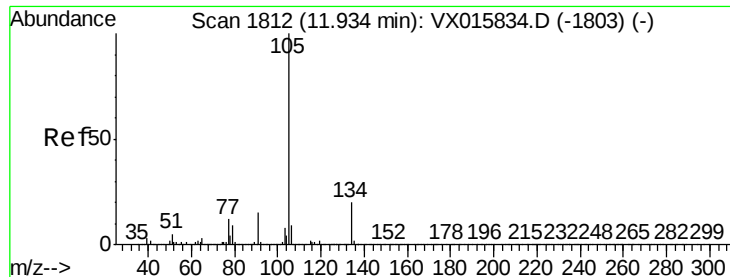
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#84
1,2,4-Trimethylbenzene
Concen: 6.781 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299445		
120	45.9	22.9	68.7	





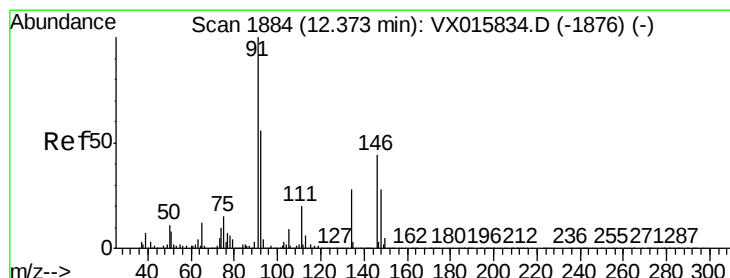
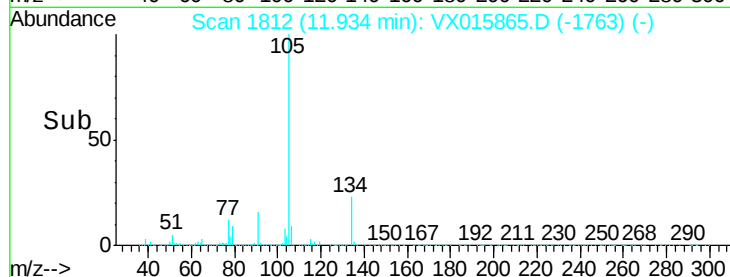
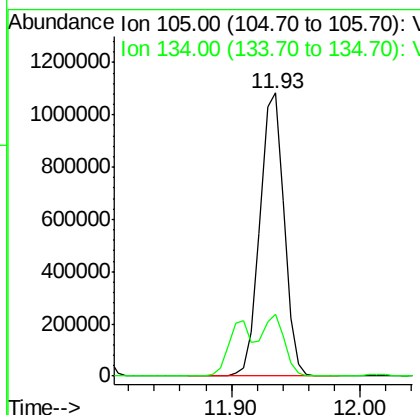
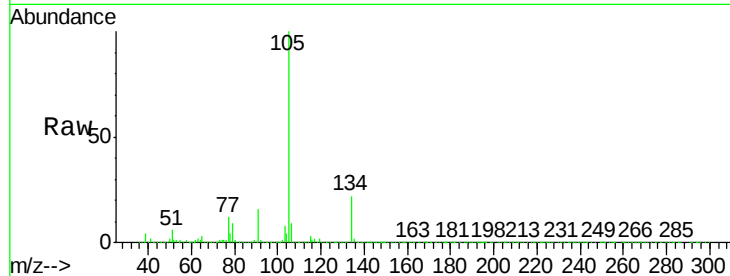
#85
 sec-Butylbenzene
 Concen: 28.080 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

Tot Ion: 105 Resp: 1396633
 Ion Ratio Lower Upper
 105 100
 134 17.2 10.3 30.8

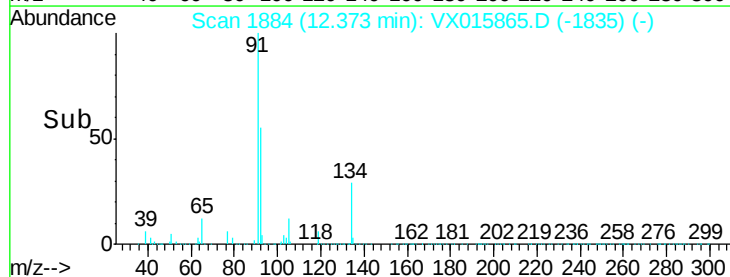
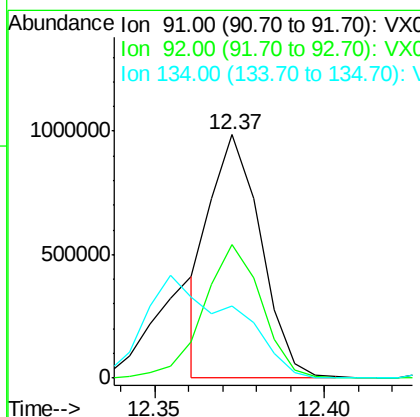
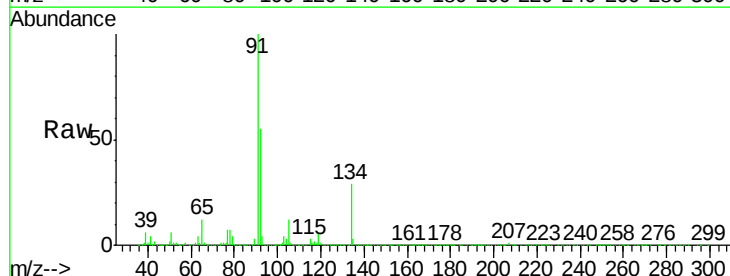
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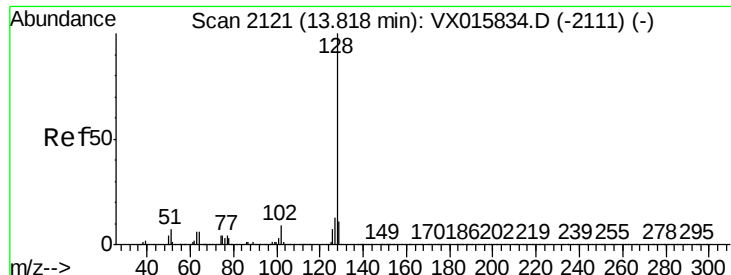
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#89
 n-Butylbenzene
 Concen: 24.573 ug/l m
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion: 91 Resp: 1021766
 Ion Ratio Lower Upper
 91 100
 92 62.4 27.7 83.1
 134 73.8 14.1 42.4#





#95
Naphthalene
Concen: 2.456 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.0	10.5	15.7
129	0.0	8.5	12.7#

Manual Integrations
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