

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017861.D
 Acq On : 12 Aug 2020 15:00
 Operator : JC/SP
 Sample : L3600-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB6

Quant Time: Aug 13 01:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	276993	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	269342	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	124401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109662	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.69	69	82057	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.34	63	158257	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.54	46	272547	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	5.14	84	190944	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	6.03	65	110544	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	6.05	84	377574	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	7.37	67	116739	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	8.70	98	330452	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	8.99	79	49835	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
48) 2-Hexanone-d5	9.43	63	221332	53.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.60%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	86822	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	131794	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

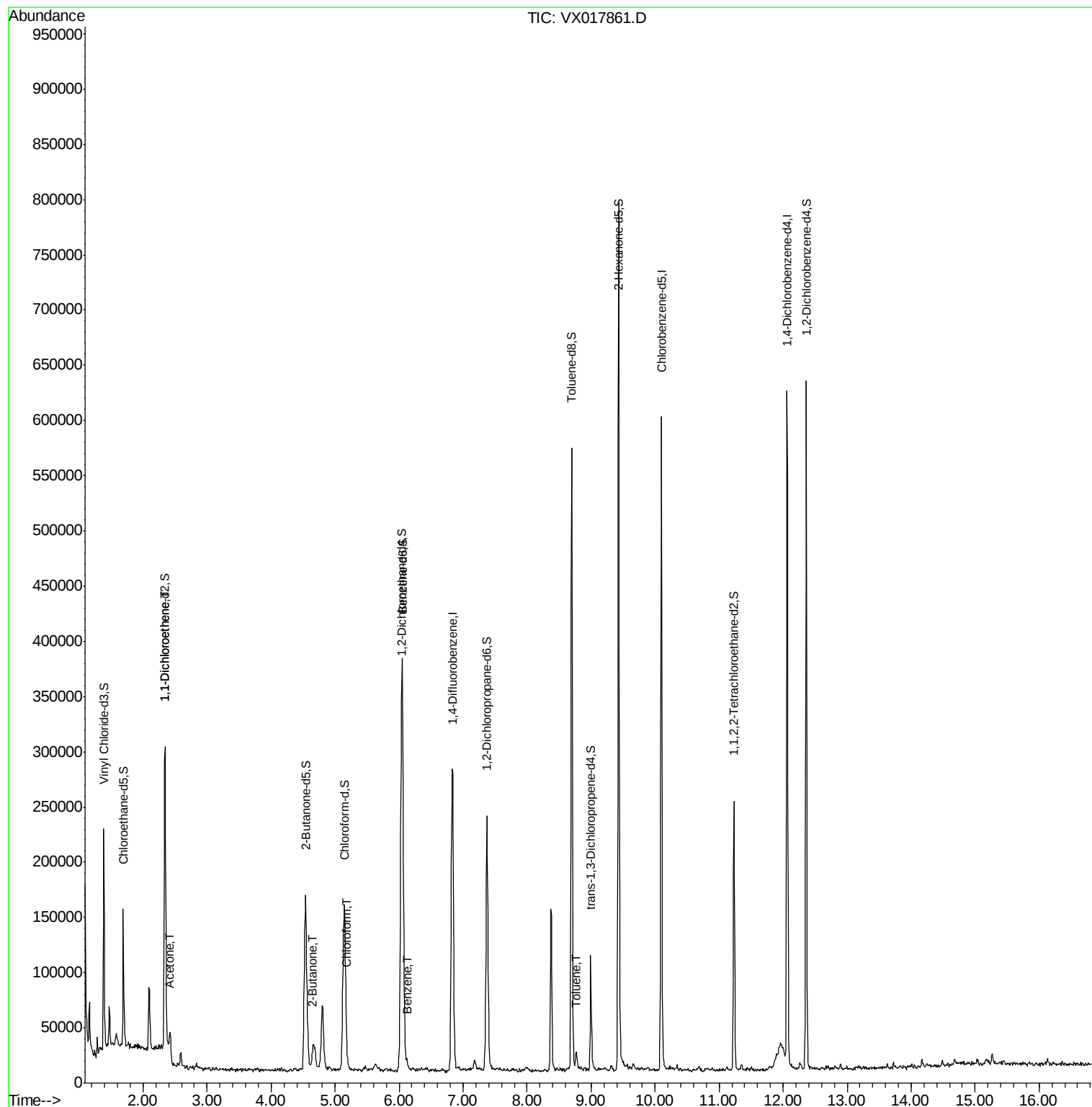
				Ovalue	
12) 1,1-Dichloroethene	2.34	96	2736	0.129 ug/L #	1
13) Acetone	2.42	43	17149	4.618 ug/L	89
21) 2-Butanone	4.64	43	6010	0.937 ug/L #	69
25) Chloroform	5.18	83	6105	0.132 ug/L	91
33) Benzene	6.12	78	9180	0.096 ug/L	100
42) Toluene	8.77	91	8889	0.086 ug/L	91

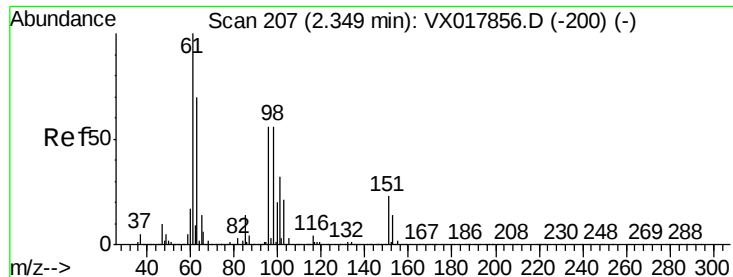
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.129 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX017861.D

Acq: 12 Aug 2020 15:00

Instrument :

MSVOA_X

ClientSampled :

GAYB6

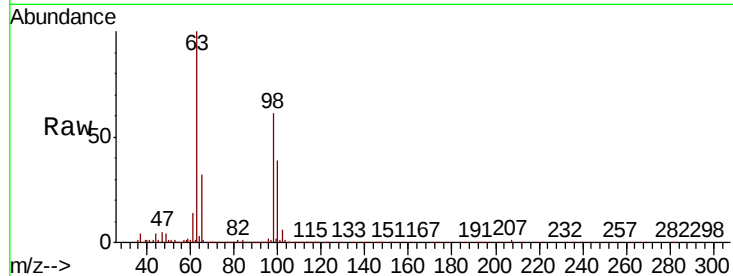
Tot Ion: 96 Resp: 2736

Ion Ratio Lower Upper

96 100

61 875.0 123.5 229.3#

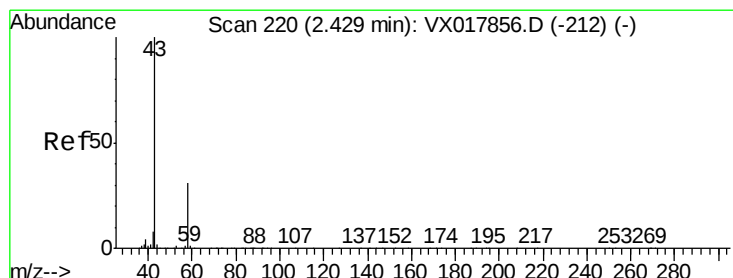
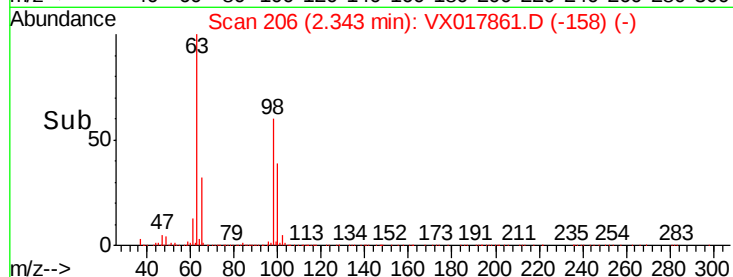
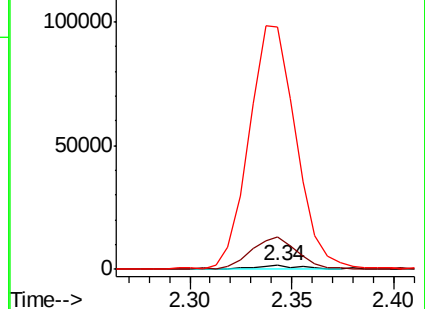
63 6431.6 67.0 124.4#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0



#13

Acetone

Concen: 4.618 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX017861.D

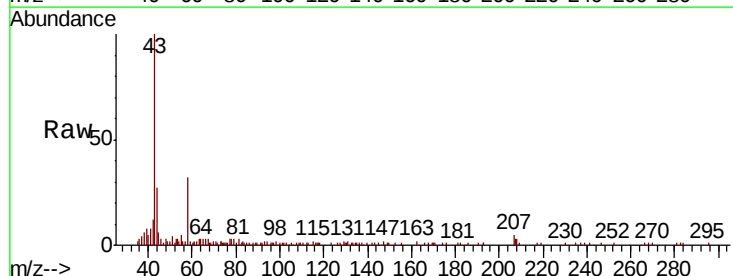
Acq: 12 Aug 2020 15:00

Tgt Ion: 43 Resp: 17149

Ion Ratio Lower Upper

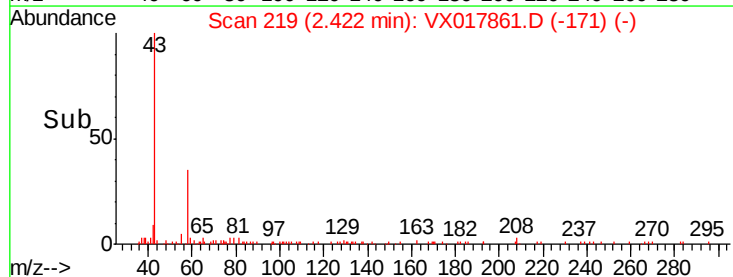
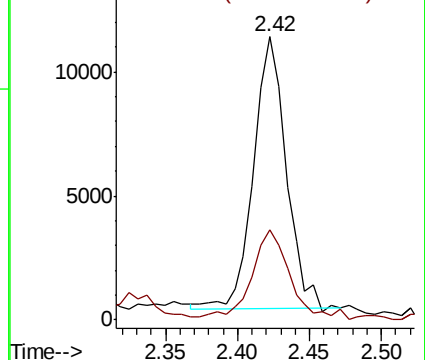
43 100

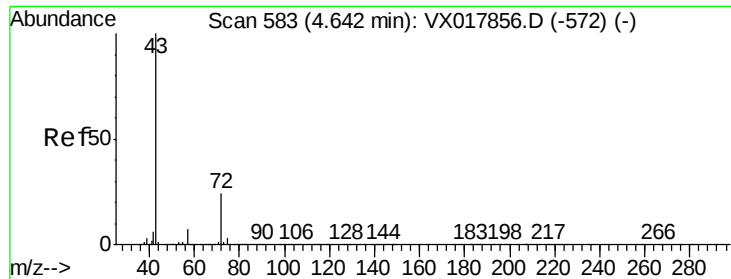
58 36.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#21

2-Butanone

Concen: 0.937 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017861.D

Acq: 12 Aug 2020 15:00

Instrument :

MSVOA_X

ClientSampleId :

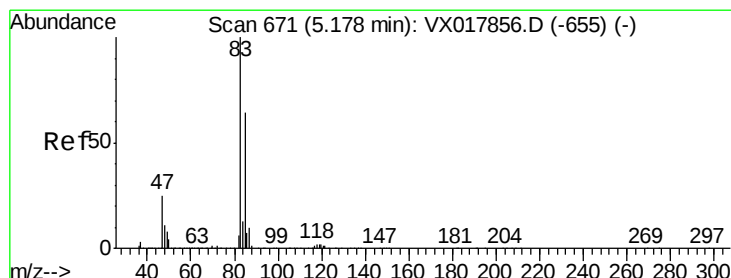
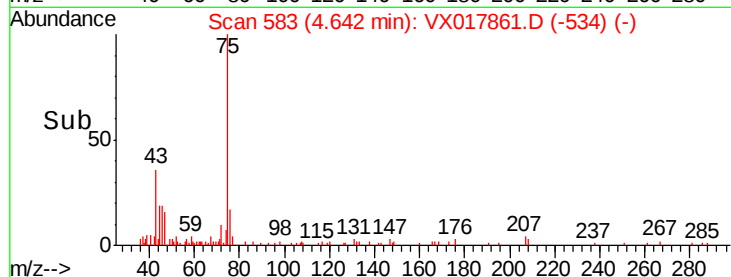
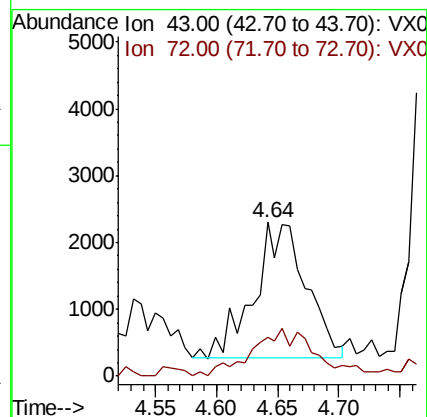
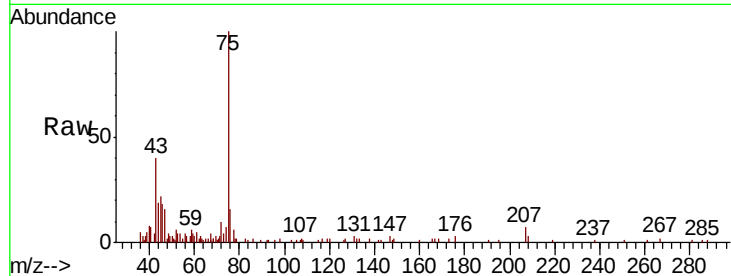
GAYB6

Tot Ion: 43 Resp: 6010

Ion Ratio Lower Upper

43 100

72 42.2 13.2 39.6#



#25

Chloroform

Concen: 0.132 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017861.D

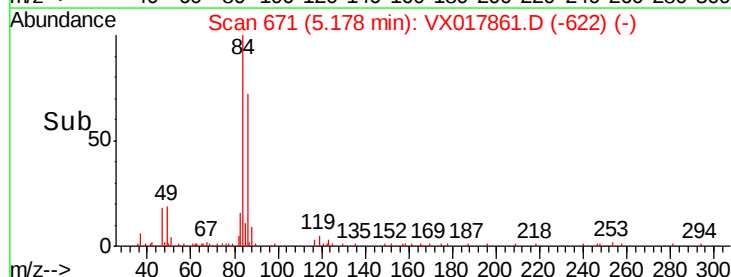
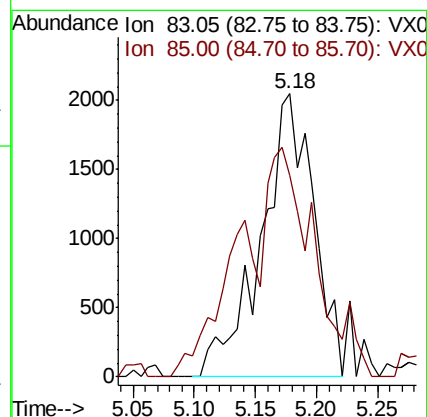
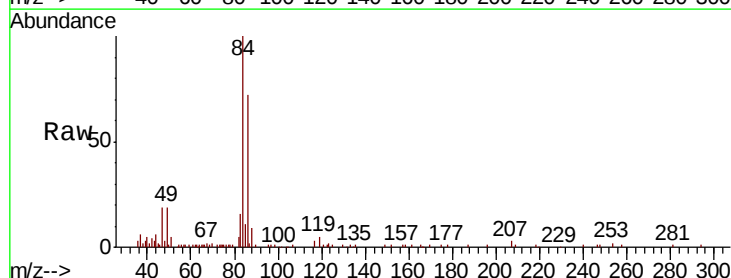
Acq: 12 Aug 2020 15:00

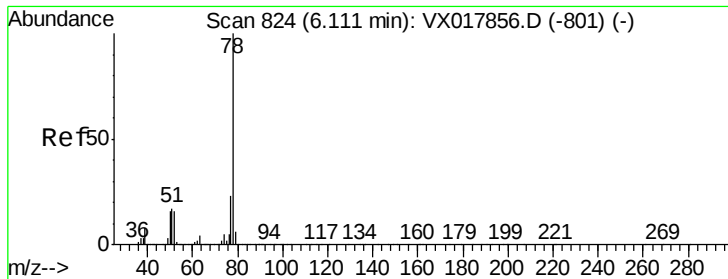
Tgt Ion: 83 Resp: 6105

Ion Ratio Lower Upper

83 100

85 71.0 44.7 83.1





#33

Benzene

Concen: 0.096 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017861.D

Acq: 12 Aug 2020 15:00

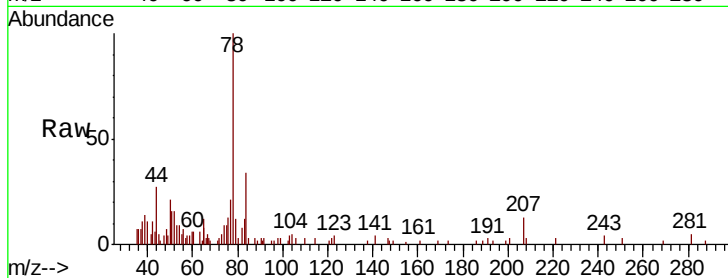
Instrument :

MSVOA_X

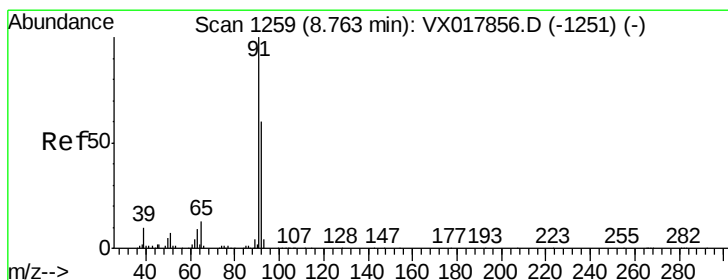
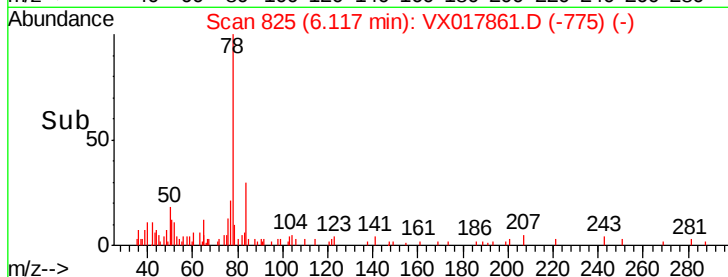
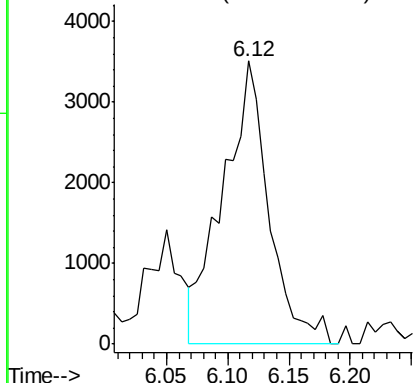
ClientSampleId :

GAYB6

Tgt Ion: 78 Resp: 9180



Abundance Ion 78.10 (77.80 to 78.80): VX0



#42

Toluene

Concen: 0.086 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017861.D

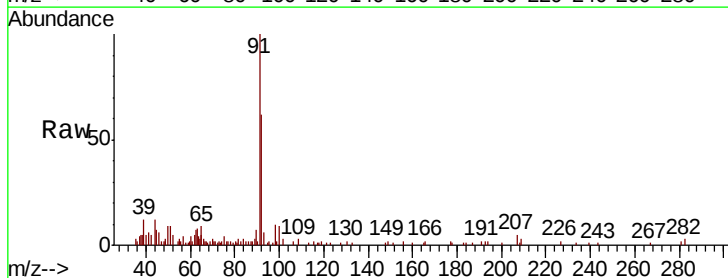
Acq: 12 Aug 2020 15:00

Tgt Ion: 91 Resp: 8889

Ion Ratio Lower Upper

91 100

92 61.8 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

