

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016114.D
 Acq On : 10 Aug 2020 21:05
 Operator : SY/VA
 Sample : L3598-10
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY66

Quant Time: Aug 11 02:28:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433862	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142064	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118098	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
7) Chloroethane-d5	2.89	69	88688	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.88%
10) 1,1-Dichloroethene-d2	4.01	63	187737	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.09	46	82630	58.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.76%
24) Chloroform-d	7.65	84	261134	22.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	8.31	65	156118	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	506739	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	151153	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	450593	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	10.58	79	66840	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.08%
39) 2-Hexanone-d5	10.93	63	69094	64.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135754	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	119139	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds

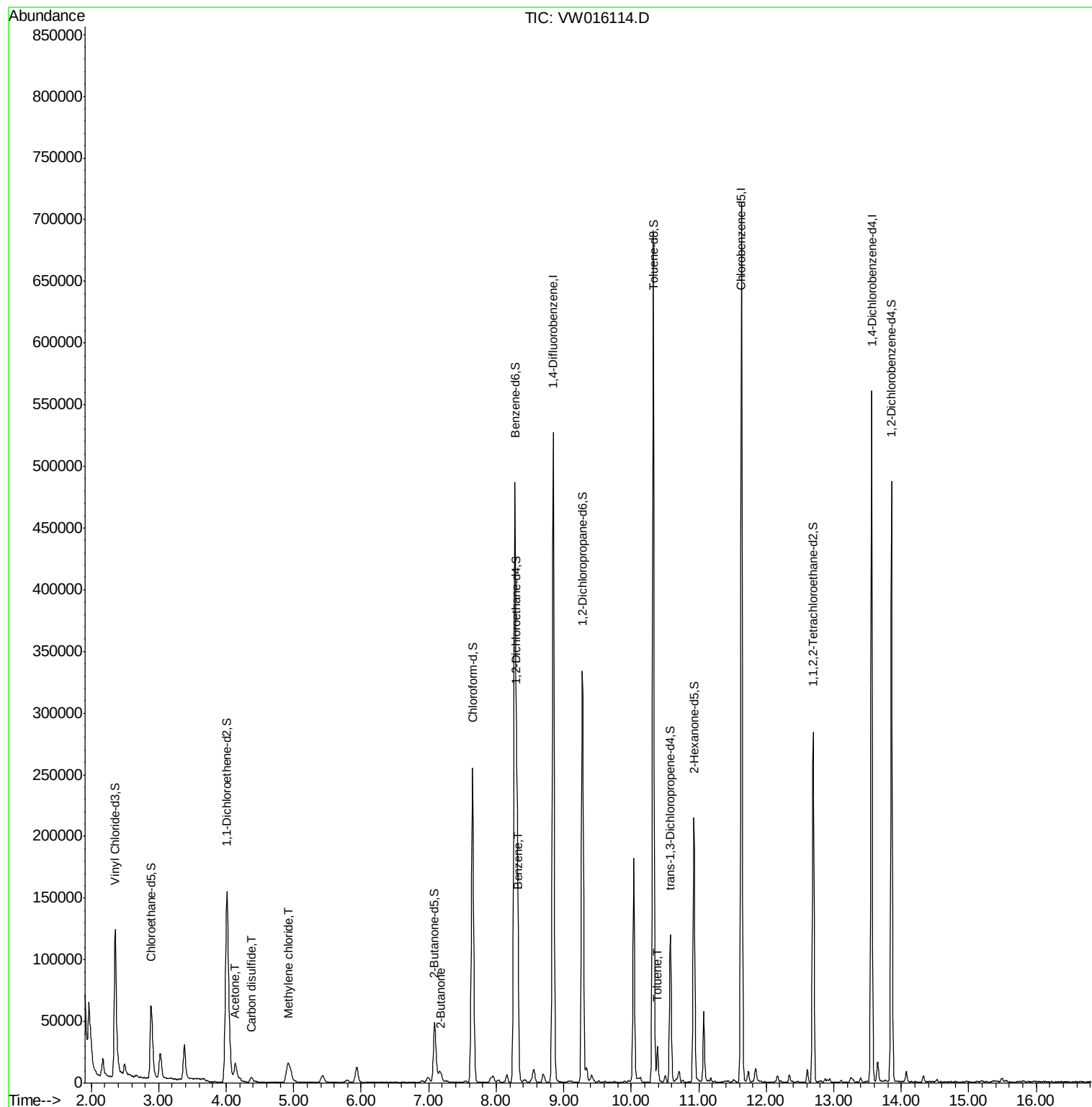
					Ovalue
13) Acetone	4.14	43	28114	26.256	ug/L 98
14) Carbon disulfide	4.37	76	10277	0.588	ug/L 100
16) Methylene chloride	4.92	84	12163	1.775	ug/L 96
21) 2-Butanone	7.18	43	6308	3.717	ug/L 89
34) Benzene	8.33	78	17872	0.792	ug/L 100
44) Toluene	10.39	91	19830	0.833	ug/L 99

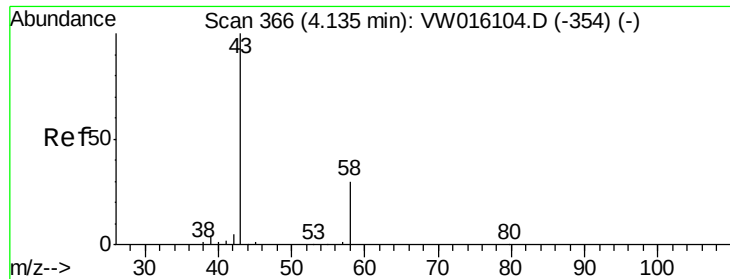
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 26.256 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016114.D

Acq: 10 Aug 2020 21:05

Instrument :

MSVOA_W

ClientSampled :

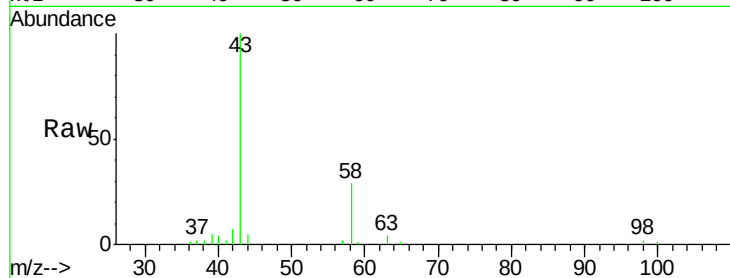
GAY66

Tot Ion: 43 Resp: 28114

Ion Ratio Lower Upper

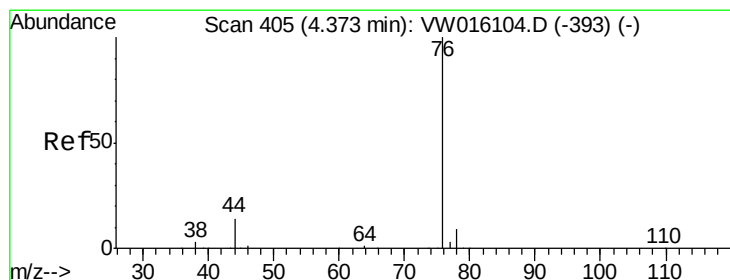
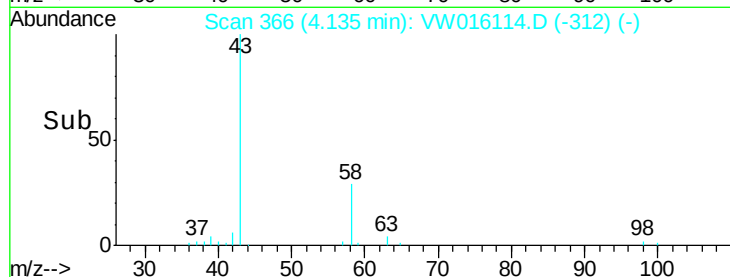
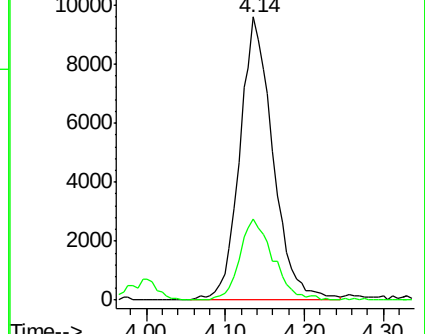
43 100

58 28.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.588 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW016114.D

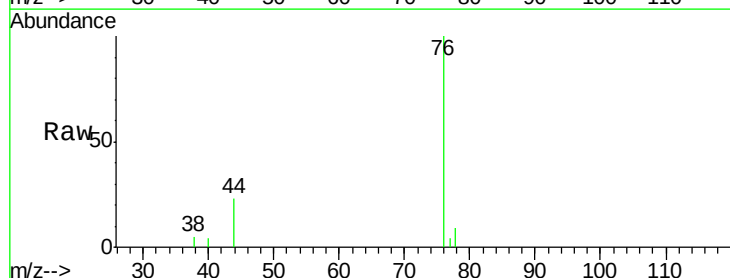
Acq: 10 Aug 2020 21:05

Tgt Ion: 76 Resp: 10277

Ion Ratio Lower Upper

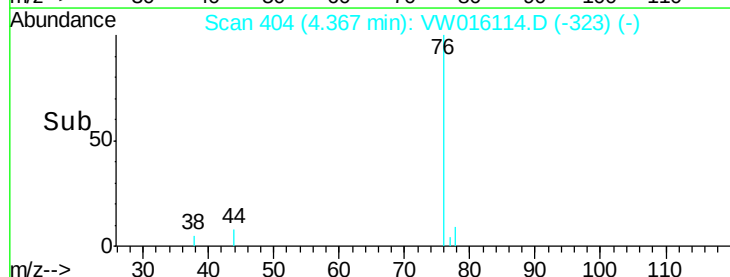
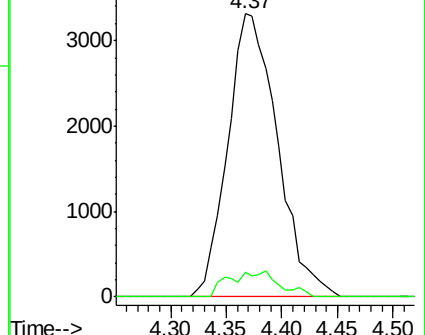
76 100

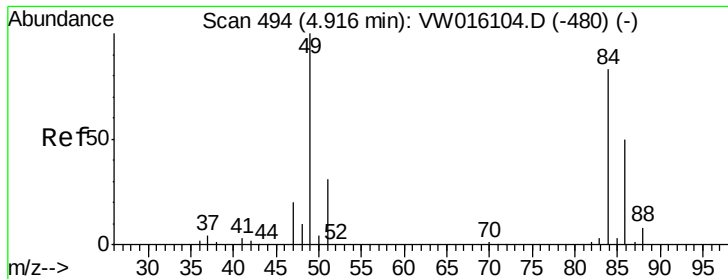
78 8.6 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

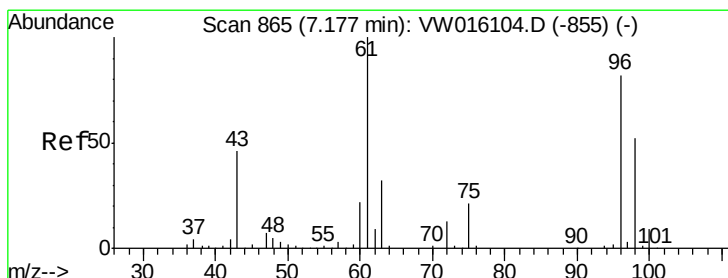
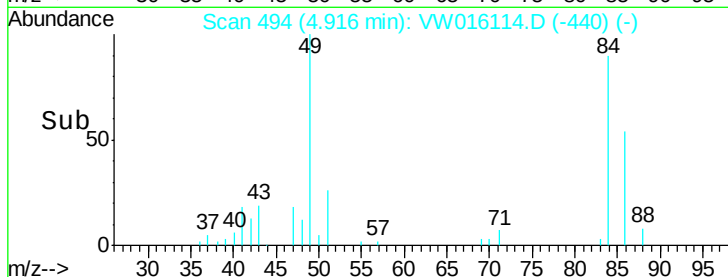
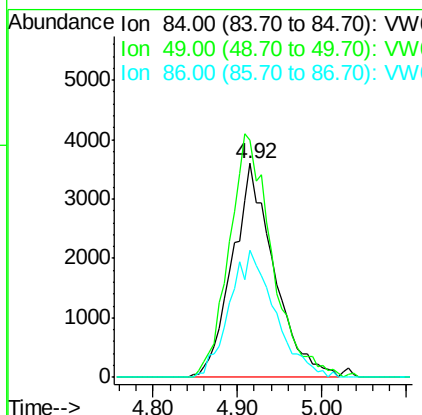
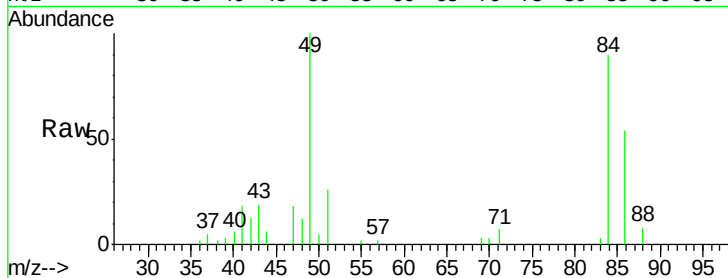




#16
Methylene chloride
Concen: 1.775 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016114.D
Acq: 10 Aug 2020 21:05

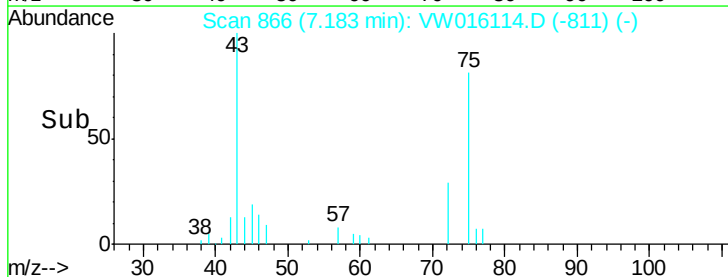
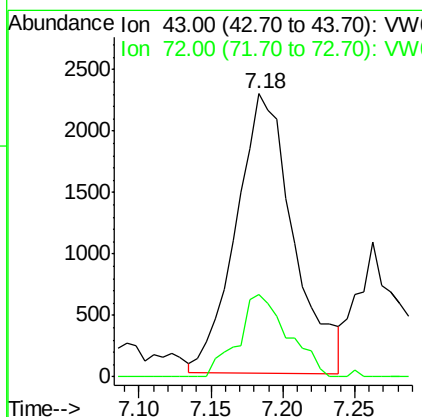
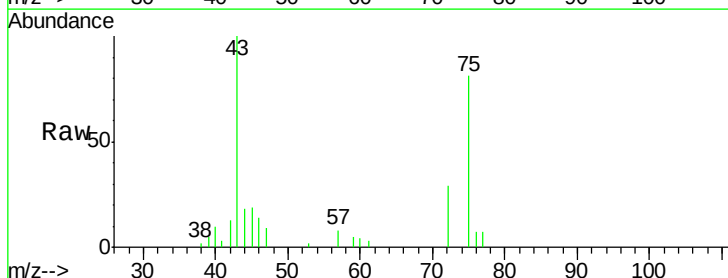
Instrument :
MSVOA_W
ClientSampleId :
GAY66

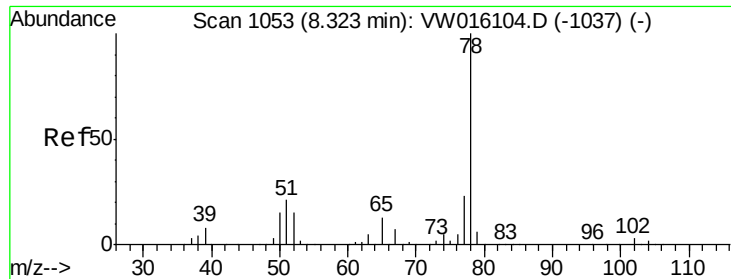
Tot Ion: 84 Resp: 12163
Ion Ratio Lower Upper
84 100
49 110.7 80.4 149.4
86 59.5 43.8 81.3



#21
2-Butanone
Concen: 3.717 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW016114.D
Acq: 10 Aug 2020 21:05

Tgt Ion: 43 Resp: 6308
Ion Ratio Lower Upper
43 100
72 21.9 13.9 41.7





#34

Benzene

Concen: 0.792 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016114.D

Acq: 10 Aug 2020 21:05

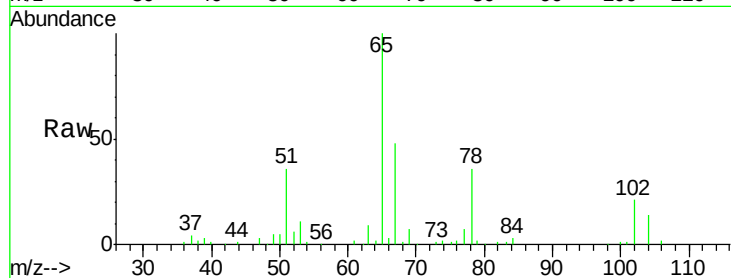
Instrument :

MSVOA_W

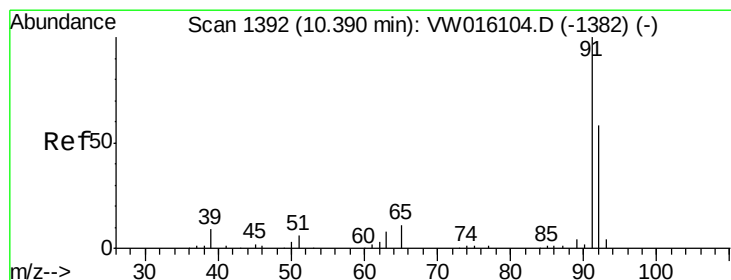
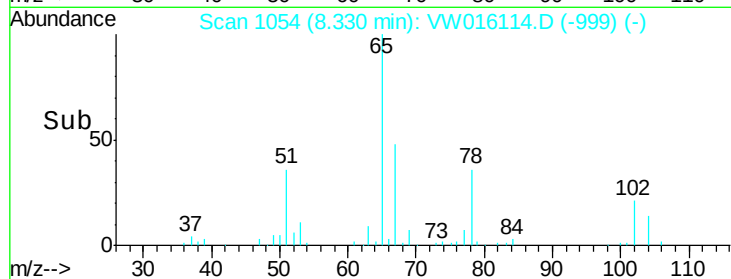
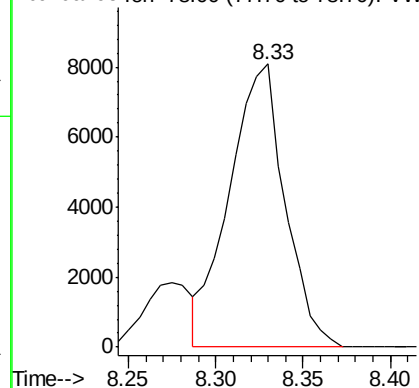
ClientSampleId :

GAY66

Tgt Ion: 78 Resp: 17872



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.833 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016114.D

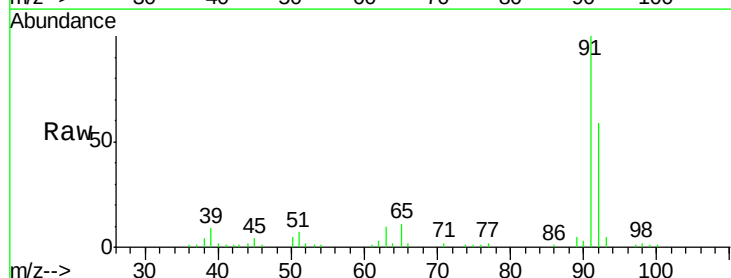
Acq: 10 Aug 2020 21:05

Tgt Ion: 91 Resp: 19830

Ion Ratio Lower Upper

91 100

92 59.0 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VW

