

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013885.D
 Acq On : 01 Nov 2019 06:55
 Operator : SY/VA
 Sample : K5596-07
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA8

Manual Integrations
 APPROVED

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 11/1/2019 12:06:09 PM

Quant Time: Nov 01 08:06:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 07:47:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	291921	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111010	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.92%
7) Chloroethane-d5	2.89	69	85305	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.02	63	158273	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	7.07	46	76391	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	7.65	84	216521	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.31	65	124387	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	8.27	84	460768	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	142324	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.56%
37) Toluene-d8	10.32	98	411766	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	10.58	79	57988	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.80%
39) 2-Hexanone-d5	10.92	63	64519	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122697	25.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	121755	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

					Qvalue
13) Acetone	4.12	43	23718	16.226 ug/L	97
15) Methyl Acetate	4.68	43	3438m	1.277 ug/L	
16) Methylene chloride	4.92	84	19237	3.371 ug/L	95
21) 2-Butanone	7.18	43	4945	2.358 ug/L	77
44) Toluene	10.38	91	8843	0.433 ug/L	93

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

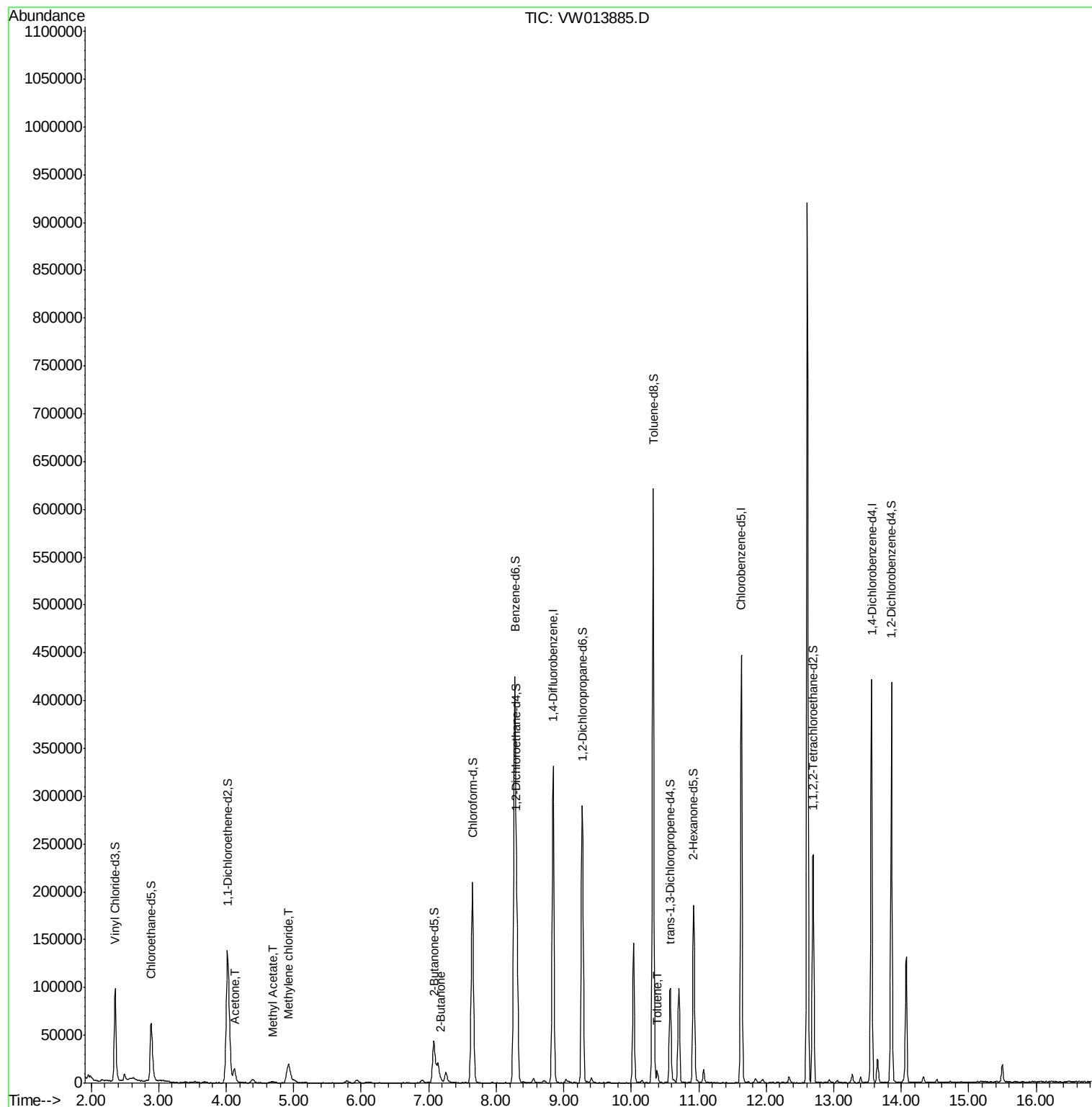
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013885.D
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ALS Vial : 1 Sample Multiplier: 1

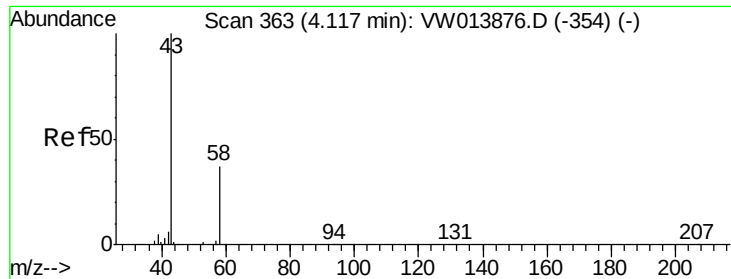
Instrument :
MSVOA_W
ClientSampleId :
GAQA8

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Quant Time: Nov 01 08:06:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 07:47:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013885.D

Acq: 01 Nov 2019 06:55

Instrument :

MSVOA_W

ClientSampled :

GAQA8

Tgt Ion: 43 Resp: 23718

Ion Ratio Lower Upper

43 100

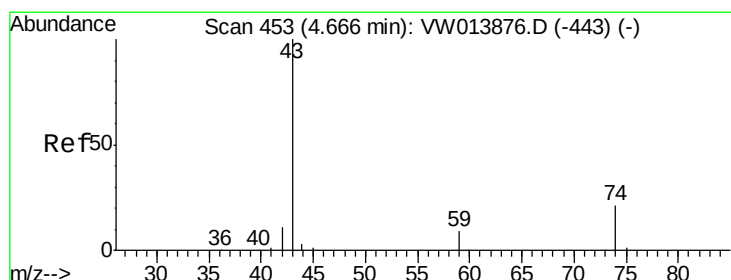
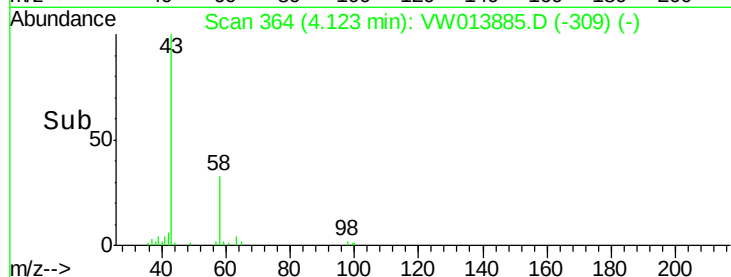
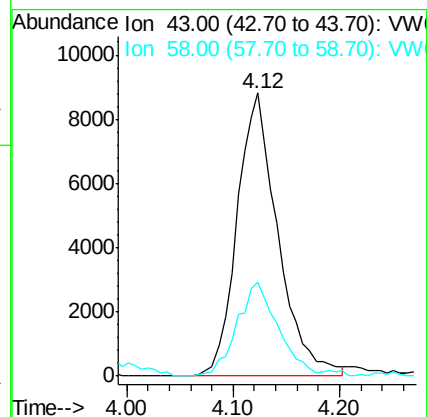
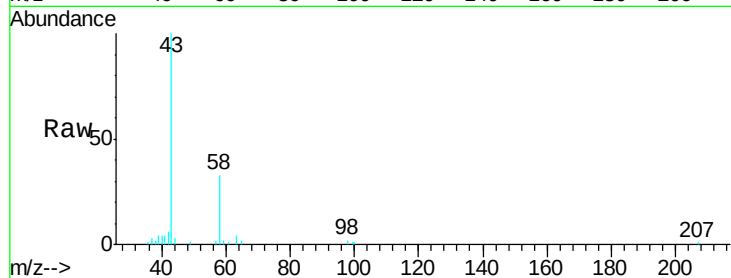
58 33.2 0.0 63.4

Manual Integrations

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#15

Methyl Acetate

Concen: 1.277 ug/L m

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW013885.D

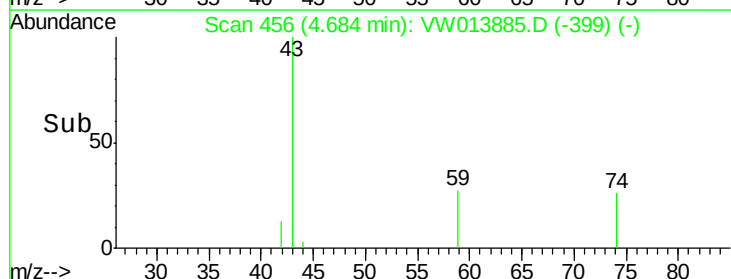
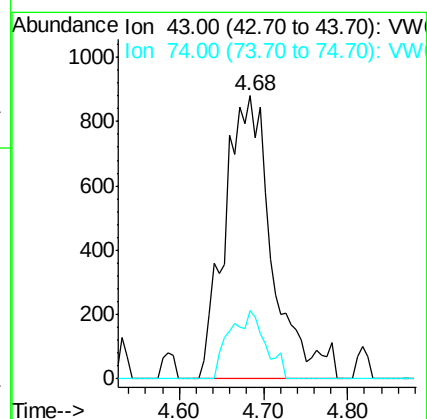
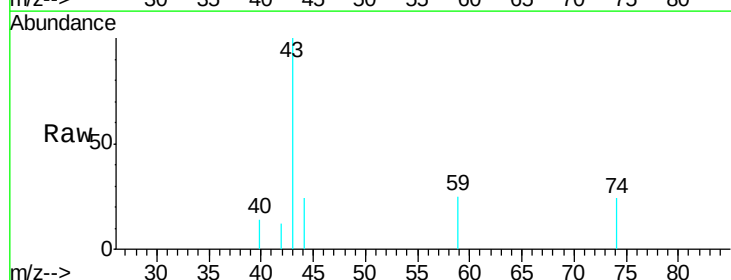
Acq: 01 Nov 2019 06:55

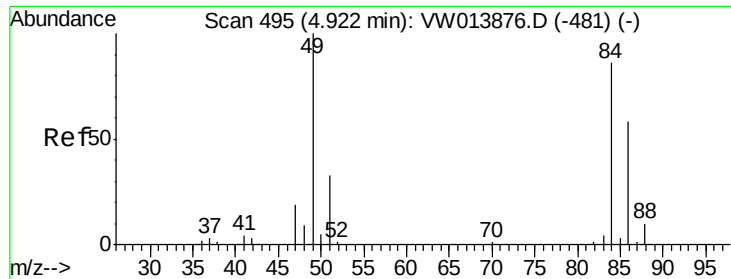
Tgt Ion: 43 Resp: 3438

Ion Ratio Lower Upper

43 100

74 9.0 19.2 28.8#





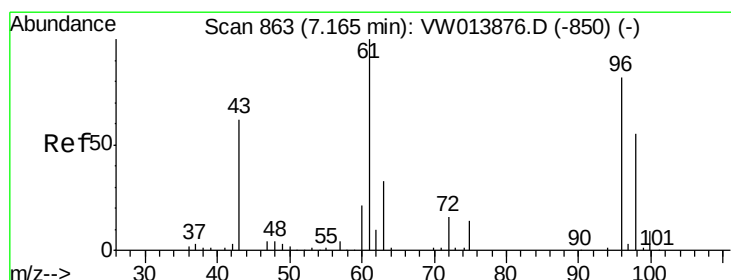
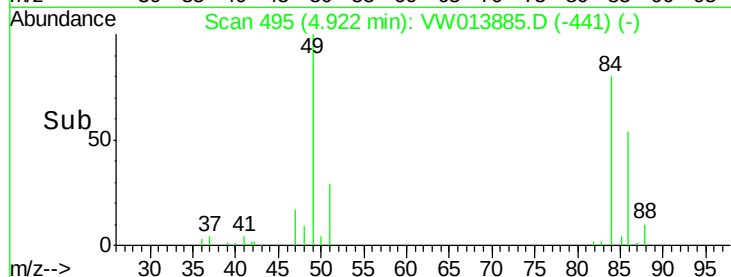
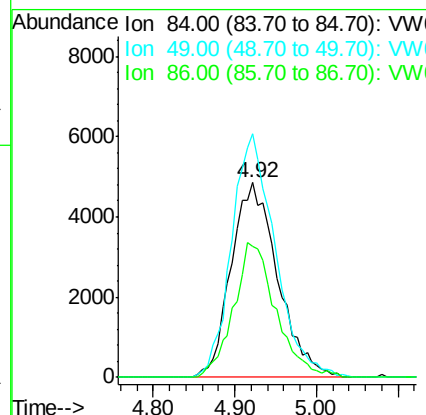
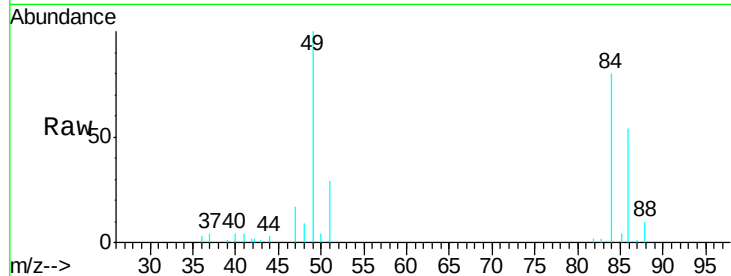
#16
Methylene chloride
Concen: 3.371 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW013885.D
Acq: 01 Nov 2019 06:55

Instrument :
MSVOA_W
ClientSampled :
GAQA8

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	82.2	152.6
86	67.1	45.6	84.8

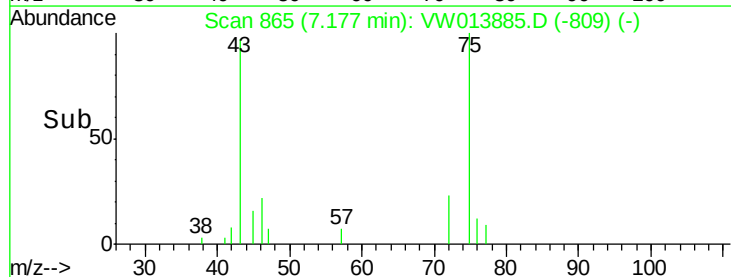
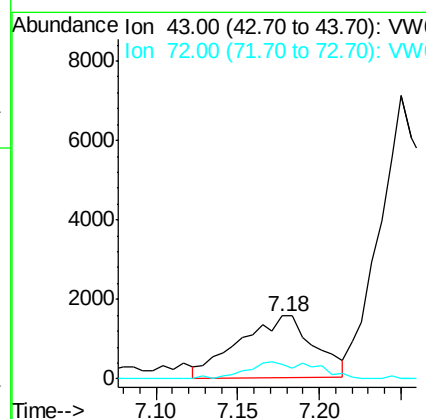
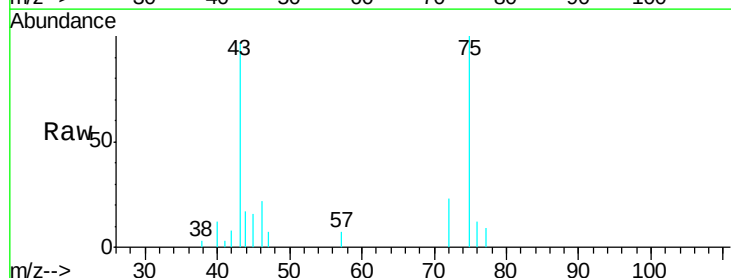
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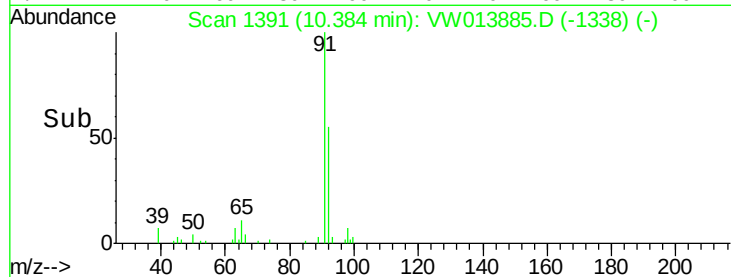
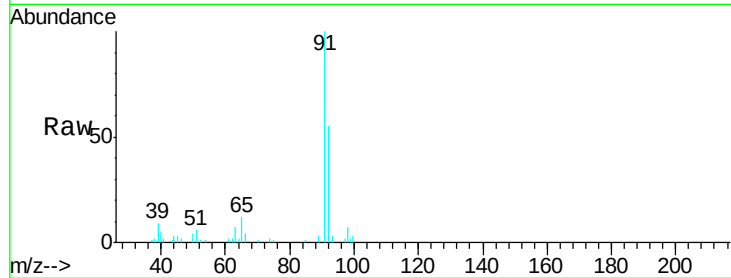
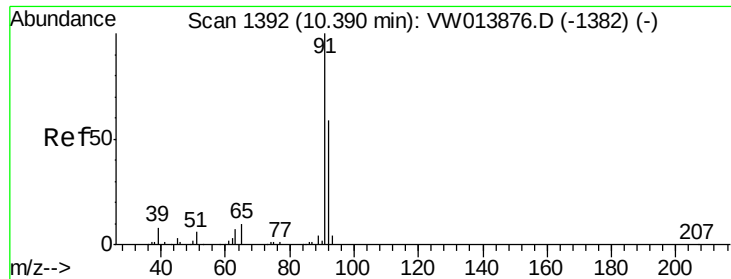
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#21
2-Butanone
Concen: 2.358 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013885.D
Acq: 01 Nov 2019 06:55

Tgt Ion	Ratio	Lower	Upper
43	100		
72	15.7	14.0	41.9





#44

Toluene

Concen: 0.433 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013885.D

Acq: 01 Nov 2019 06:55

Tgt Ion: 91 Resp: 8843

Ion Ratio Lower Upper

91 100

92 54.9 42.0 78.0

Instrument :

MSVOA_W

ClientSampleId :

GAQA8

Manual Integrations

APPROVED

MMDadoda

11/1/2019 12:06:09 PM

