

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017310.D
 Acq On : 18 Nov 2020 01:29
 Operator : SY/VA
 Sample : L4738-16
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y3

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:59 AM

Quant Time: Nov 18 05:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93793	17.22	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.88%
7) Chloroethane-d5	2.89	69	86046	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	4.02	63	138842	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.08	46	55812	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	244812	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	8.31	65	128748	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	8.27	84	462572	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	136510	27.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.96%
37) Toluene-d8	10.32	98	404233	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.52%
38) trans-1,3-Dichloropropene-	10.58	79	52702	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.16%
39) 2-Hexanone-d5	10.93	63	45720	52.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111372	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	102674	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

					Ovalue
13) Acetone	4.12	43	14448	17.719 ug/L	94
14) Carbon disulfide	4.38	76	6478	0.444 ug/L #	92
16) Methylene chloride	4.92	84	13846	2.375 ug/L	94
21) 2-Butanone	7.19	43	2720m	2.078 ug/L	
34) Benzene	8.32	78	7488	0.405 ug/L	100
44) Toluene	10.39	91	17517	0.860 ug/L	93

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

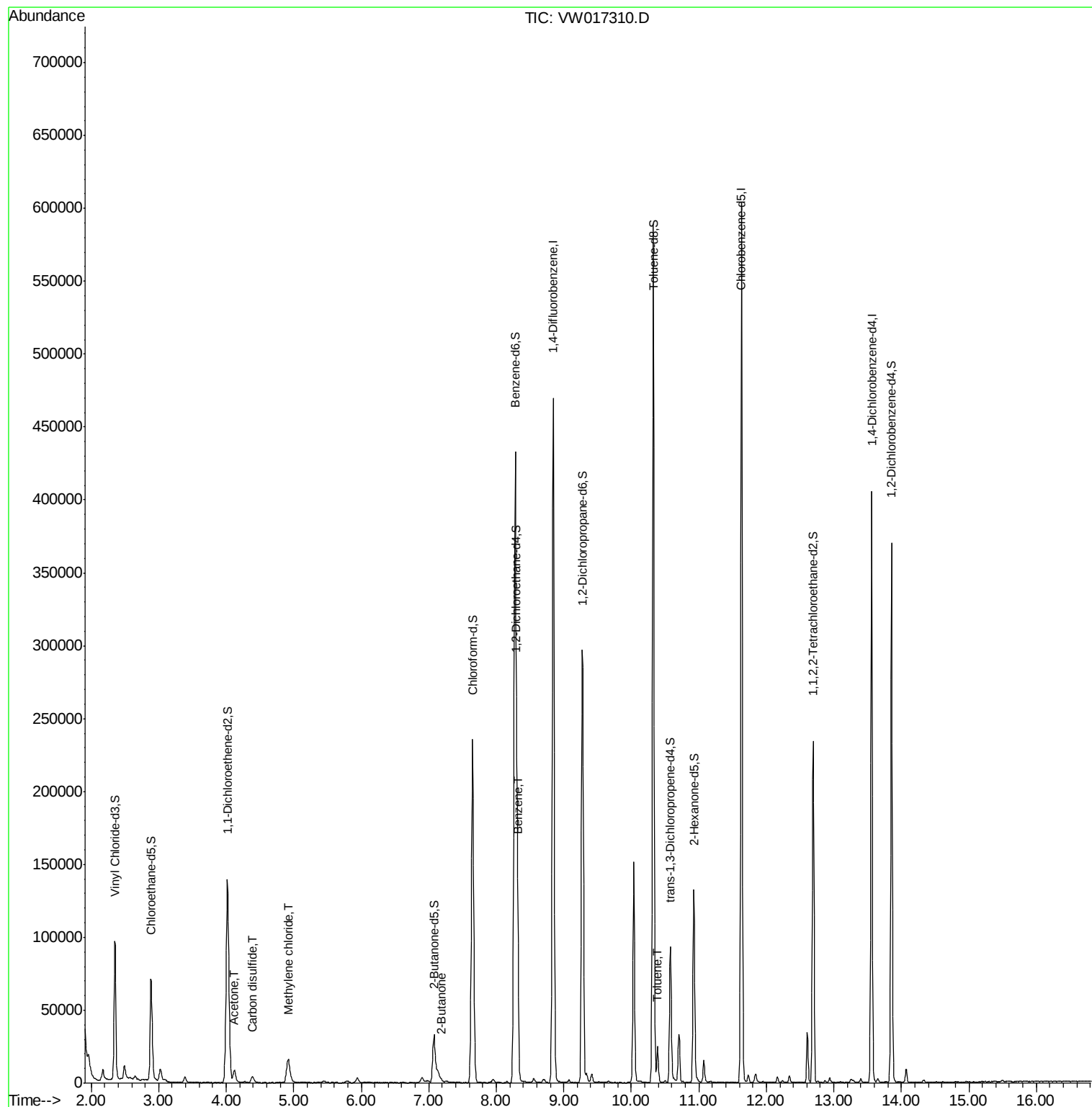
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Data File : VW017310.D
Acq On : 18 Nov 2020 01:29
Operator : SY/VA
Sample : L4738-16
Misc : 5.53G/10ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

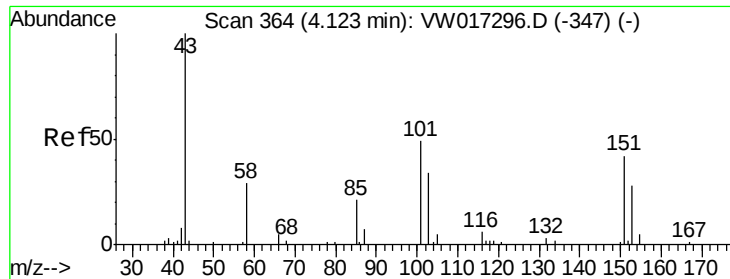
Instrument :
MSVOA_W
ClientSampleId :
GB0Y3

Manual Integrations
APPROVED

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11/19/2020 11:09:59 AM

Quant Time: Nov 18 05:51:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.719 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017310.D

Acq: 18 Nov 2020 01:29

Instrument :

MSVOA_W

ClientSampled :

GB0Y3

Tot Ion: 43 Resp: 14448

Ion Ratio Lower Upper

43 100

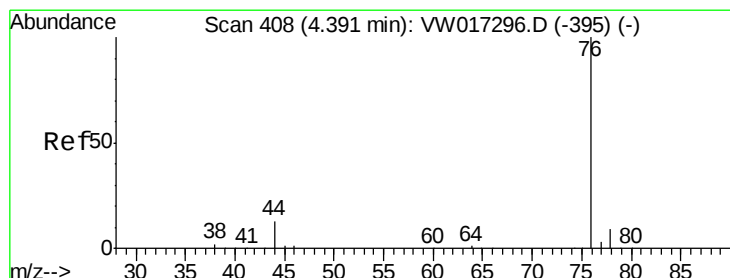
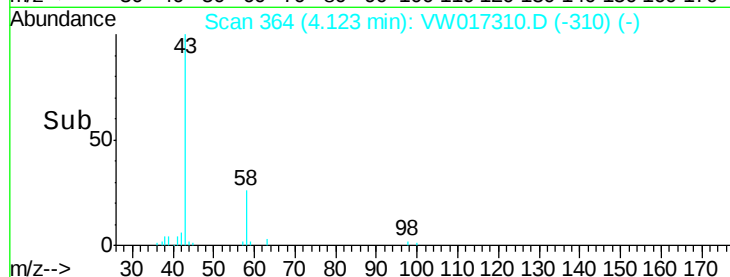
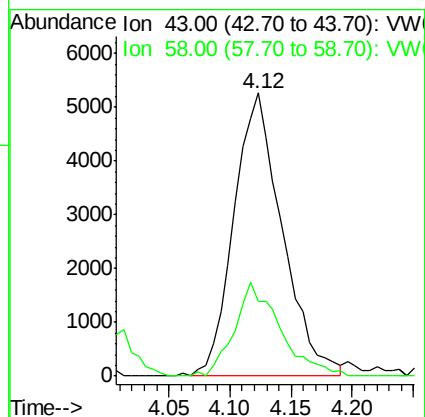
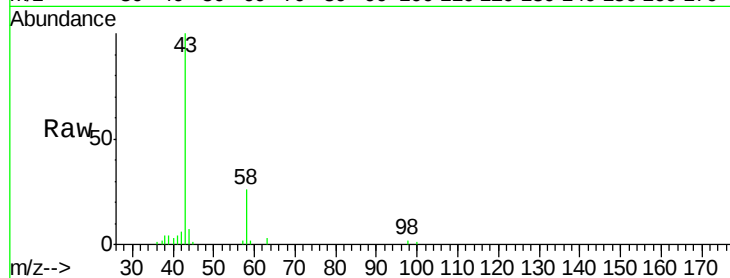
58 31.1 0.0 69.2

Manual Integrations

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#14

Carbon disulfide

Concen: 0.444 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW017310.D

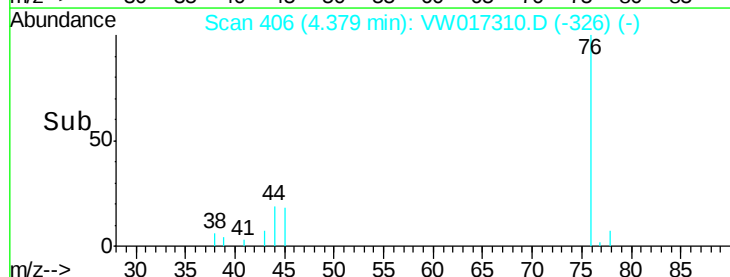
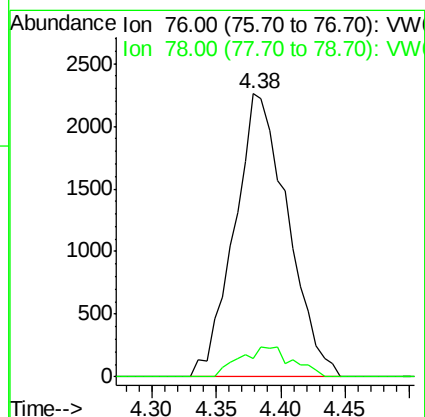
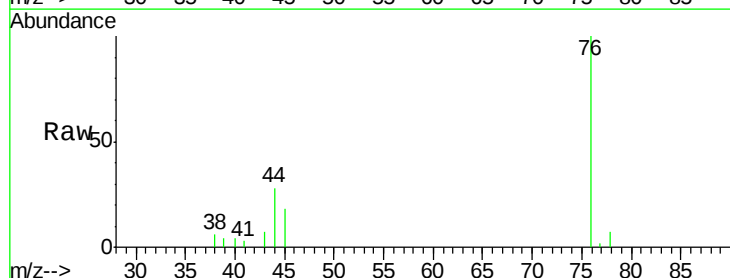
Acq: 18 Nov 2020 01:29

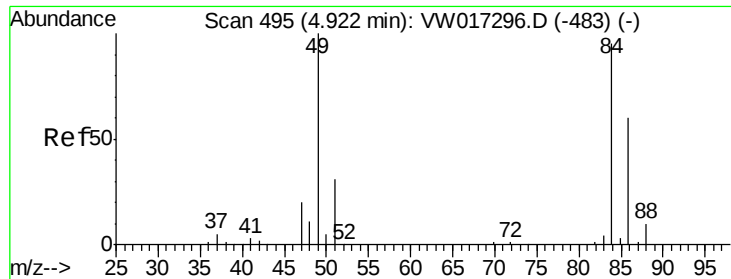
Tgt Ion: 76 Resp: 6478

Ion Ratio Lower Upper

76 100

78 6.5 7.6 11.4#





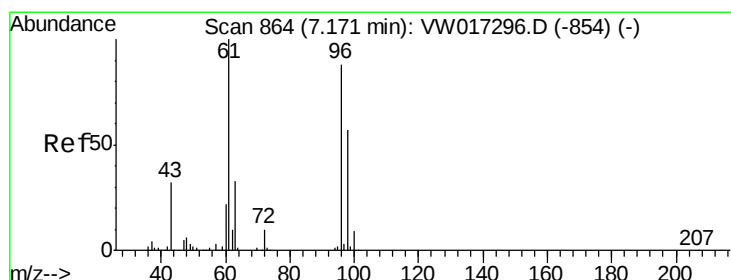
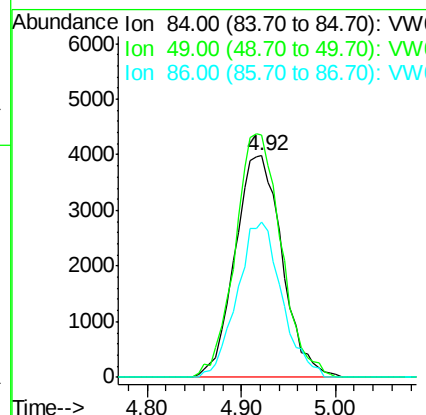
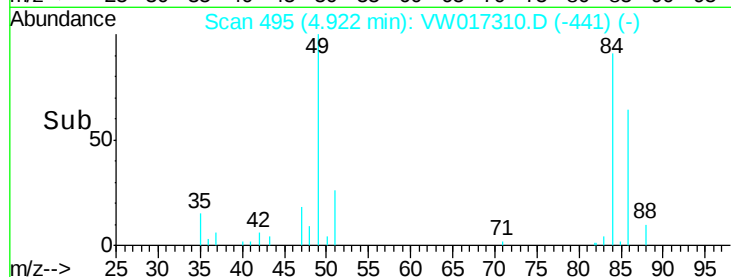
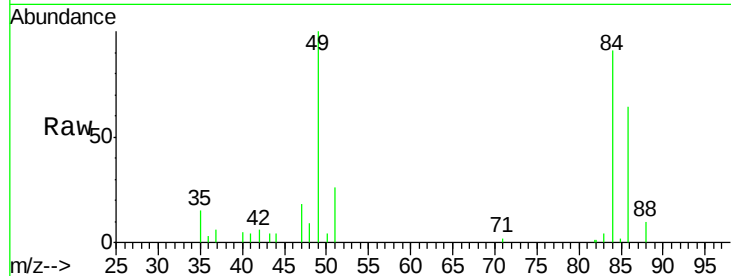
#16
Methvlene chloride
Concen: 2.375 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017310.D
Acq: 18 Nov 2020 01:29

Instrument :
MSVOA_W
ClientSampleId :
GB0Y3

Tot Ion	Ratio	Lower	Upper
84	100		
49	109.5	72.3	134.3
86	69.9	45.1	83.7

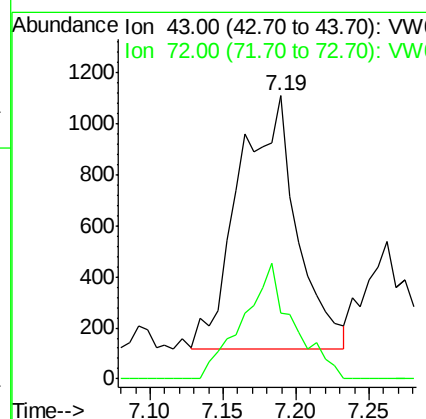
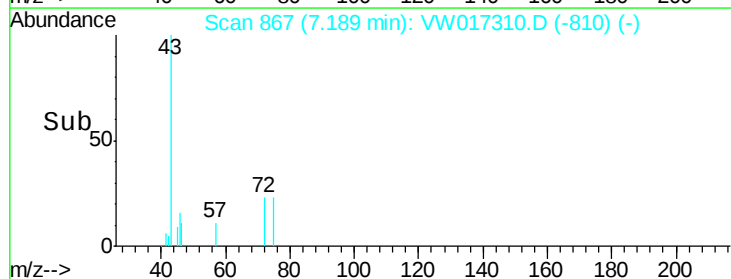
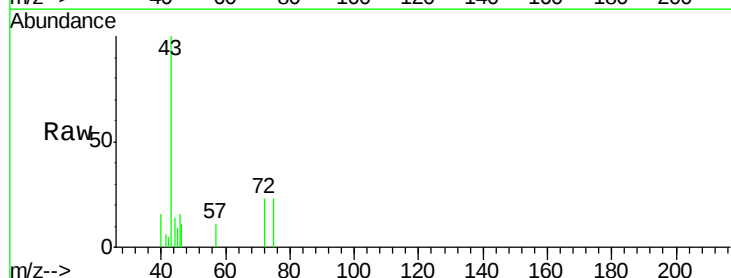
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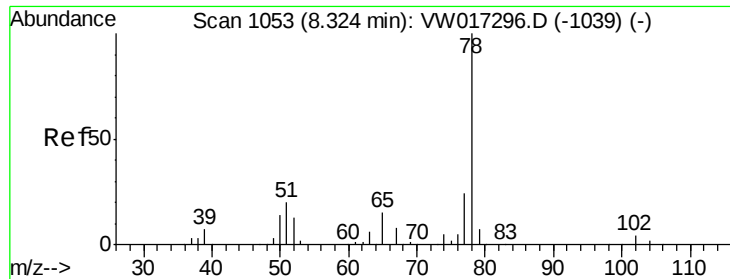
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#21
2-Butanone
Concen: 2.078 ug/L m
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW017310.D
Acq: 18 Nov 2020 01:29

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	48.3#





#34

Benzene

Concen: 0.405 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW017310.D

Acq: 18 Nov 2020 01:29

Instrument :

MSVOA_W

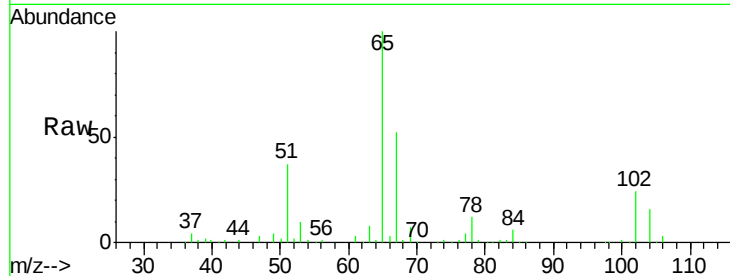
ClientSampleId :

GB0Y3

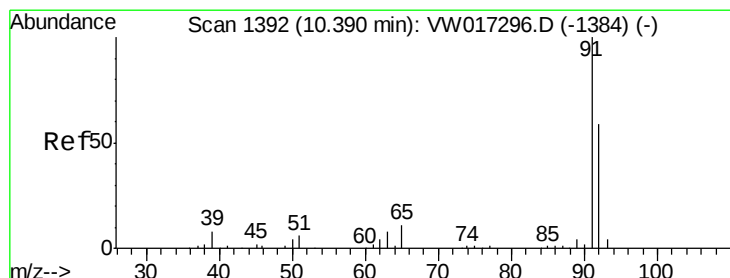
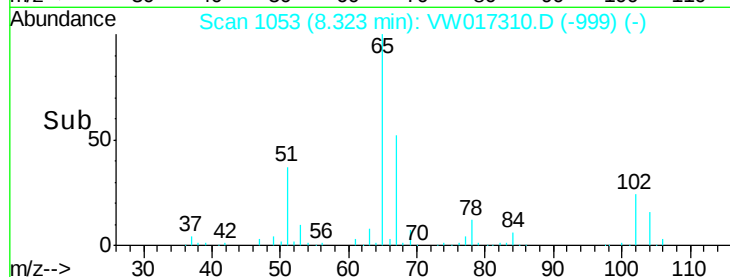
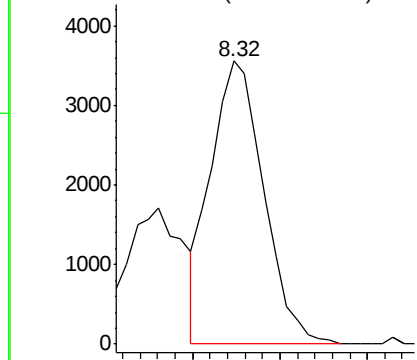
Tgt Ion: 78 Resp: 7488

Manual Integrations
APPROVED

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11/19/2020 11:09:59 AM



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.860 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017310.D

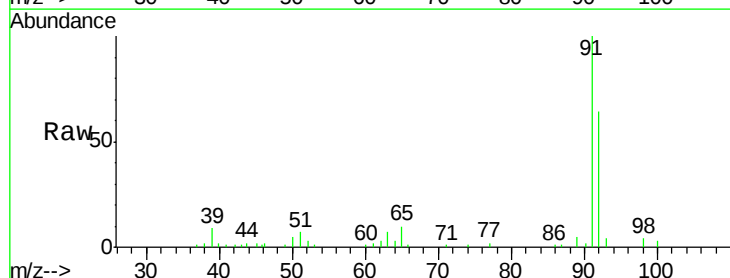
Acq: 18 Nov 2020 01:29

Tgt Ion: 91 Resp: 17517

Ion Ratio Lower Upper

91 100

92 64.3 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

