

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013754.D
 Acq On : 25 Oct 2019 17:50
 Operator : SY/VA
 Sample : K5549-11
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ64

Manual Integrations
 APPROVED

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 10/28/2019 9:41:35 AM

Quant Time: Oct 26 05:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	289793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264217	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	125525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104238	29.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.28%
7) Chloroethane-d5	2.89	69	82714	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.02	63	156462	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.68%
20) 2-Butanone-d5	7.08	46	89311	70.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.46%#
24) Chloroform-d	7.65	84	209880	25.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.52%
26) 1,2-Dichloroethane-d4	8.31	65	122409	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.48%
29) Benzene-d6	8.27	84	442615	27.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.52%
33) 1,2-Dichloropropane-d6	9.27	67	136073	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	10.32	98	395447	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.04%
38) trans-1,3-Dichloropropene-	10.58	79	58076	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.60%
39) 2-Hexanone-d5	10.93	63	70943	78.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126028	32.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	115894	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds					Ovalue
13) Acetone	4.13	43	25049	17.748 ug/L	96
15) Methyl Acetate	4.68	43	6998m	3.034 ug/L	
44) Toluene	10.38	91	11184	0.549 ug/L	90

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

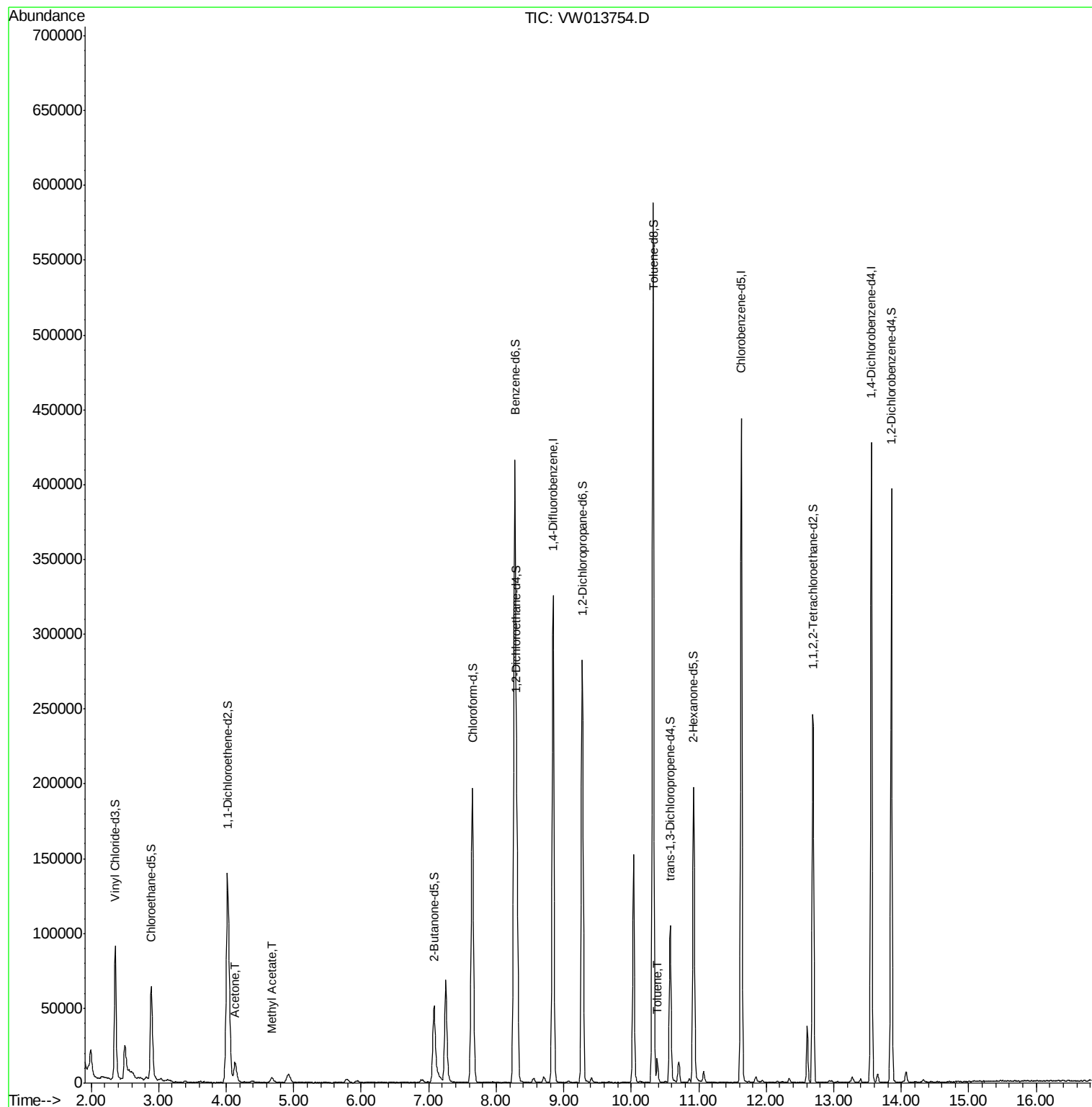
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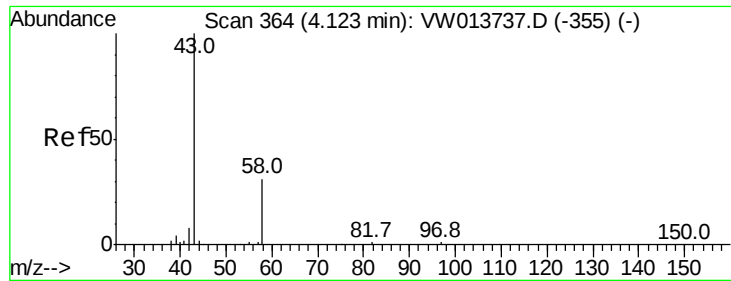
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#13

Acetone

Concen: 17.748 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013754.D

Acq: 25 Oct 2019 17:50

Instrument :

MSVOA_W

ClientSampleId :

GAQ64

Tot Ion: 43 Resp: 25049

Ion Ratio Lower Upper

43 100

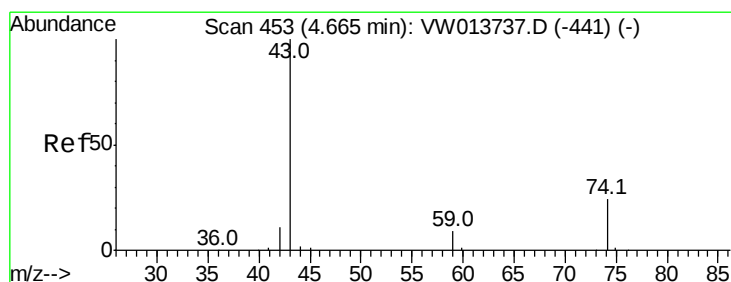
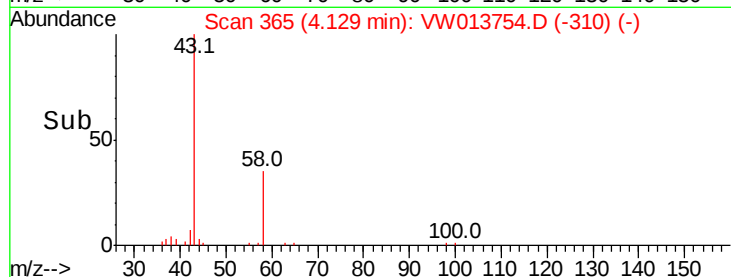
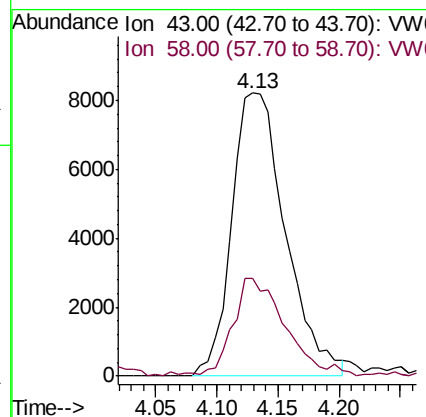
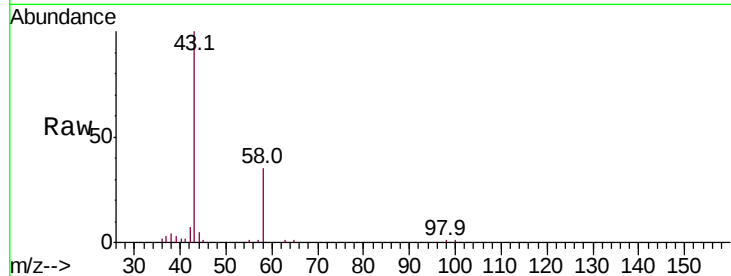
58 32.7 0.0 70.4

Manual Integrations

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#15

Methyl Acetate

Concen: 3.034 ug/L m

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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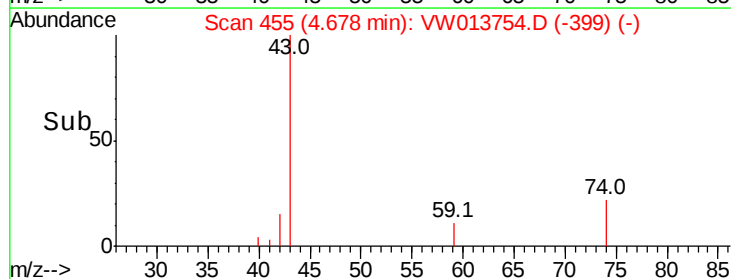
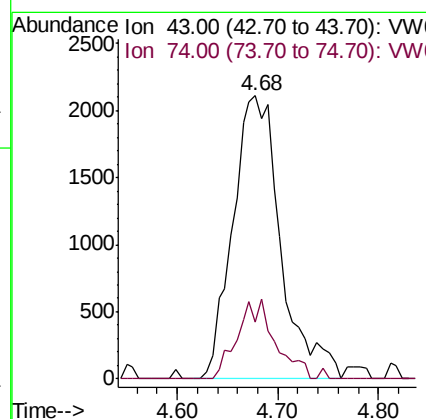
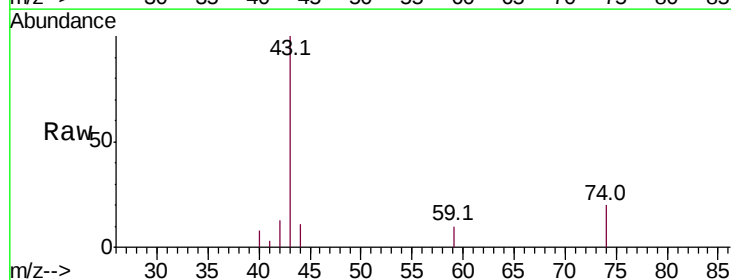
Acq: 25 Oct 2019 17:50

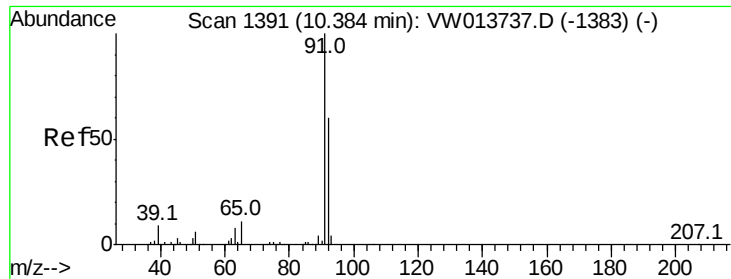
Tgt Ion: 43 Resp: 6998

Ion Ratio Lower Upper

43 100

74 11.6 19.2 28.8#





#44
Toluene
Concen: 0.549 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013754.D
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MSVOA_W
ClientSampleId :
GAQ64

Tot Ion	Ratio	Lower	Upper
91	100		
92	67.2	42.0	78.0

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