

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009819.D
 Acq On : 09 Apr 2019 00:02
 Operator : SY/VA
 Sample : K2217-13RE
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF603RE

Manual Integrations
 APPROVED

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 4/11/2019 2:03:10 PM

Quant Time: Apr 09 05:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95578m	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	89615	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.01	63	167010	17.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.28%
20) 2-Butanone-d5	7.07	46	118883	84.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.02%#
24) Chloroform-d	7.64	84	252065	27.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	8.31	65	180190	32.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.20%
29) Benzene-d6	8.27	84	445022	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	9.27	67	149934	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	10.32	98	375978	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.57	79	61584	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.72%
39) 2-Hexanone-d5	10.93	63	67255	69.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161443	33.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	119946	29.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.56%

Target Compounds					Ovalue
13) Acetone	4.13	43	6983	4.606 ug/L	91
16) Methylene chloride	4.92	84	22609m	3.849 ug/L	
44) Toluene	10.39	91	9750	0.484 ug/L	91

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

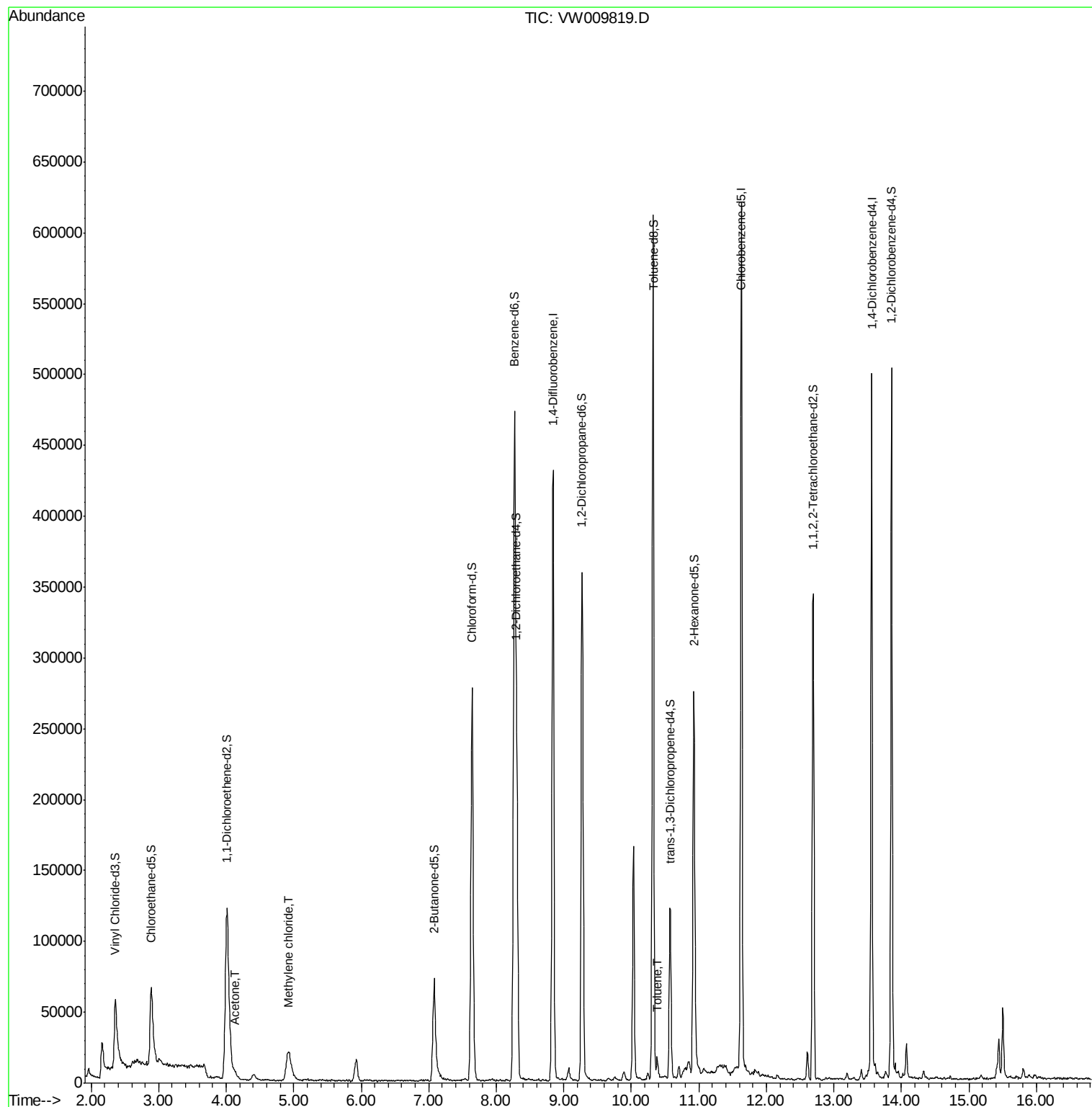
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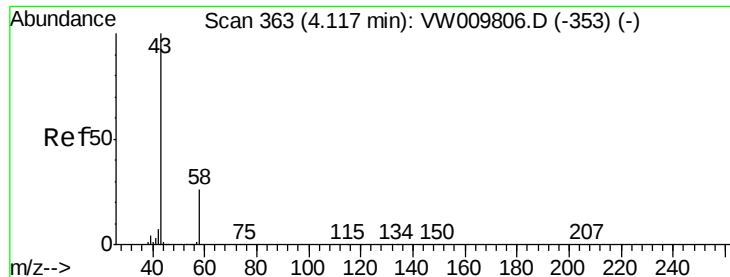
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#13

Acetone

Concen: 4.606 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009819.D

Acq: 09 Apr 2019 00:02

Tot Ion: 43 Resp: 6983

Ion Ratio Lower Upper

43 100

58 22.1 0.0 53.0

Instrument :

MSVOA_W

ClientSampleId :

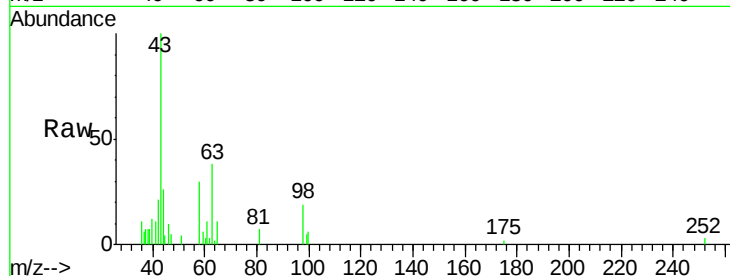
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Manual Integrations

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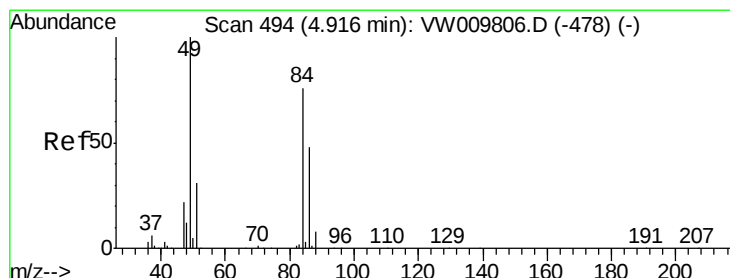
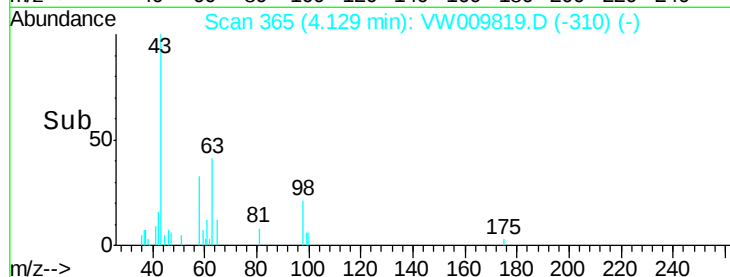
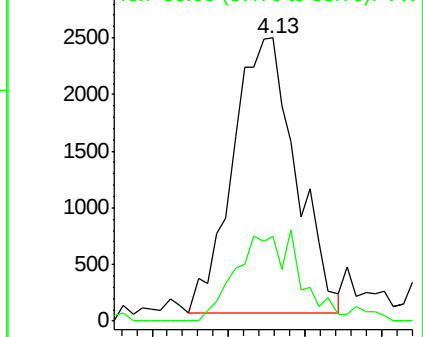
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.849 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009819.D

Acq: 09 Apr 2019 00:02

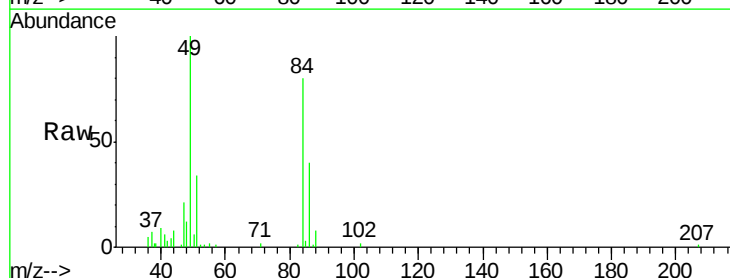
Tgt Ion: 84 Resp: 22609

Ion Ratio Lower Upper

84 100

49 125.3 98.3 182.5

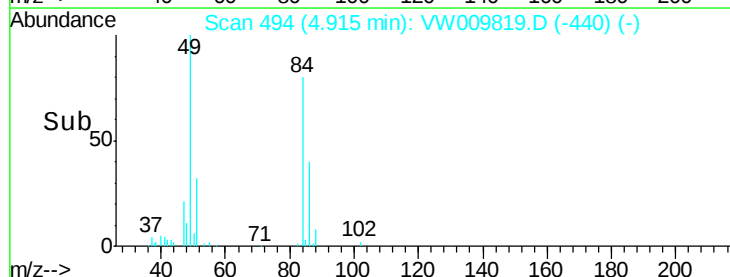
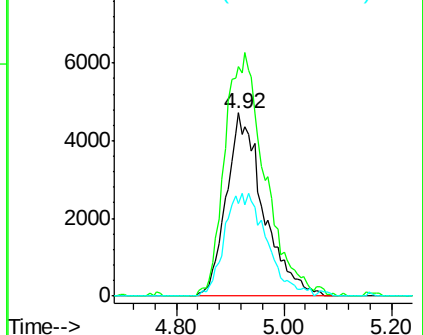
86 50.3 46.4 86.2

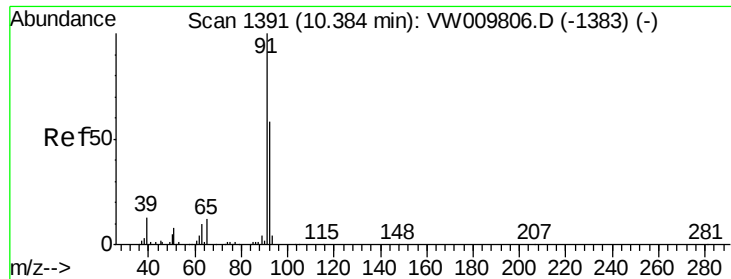


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.484 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

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Tot Ion: 91 Resp: 9750

Ion Ratio Lower Upper

91 100

92 50.8 40.5 75.1

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