

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014180.D
 Acq On : 29 Nov 2019 14:40
 Operator : SY/VA
 Sample : K6089-09
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BQ7

Manual Integrations
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Quant Time: Nov 30 05:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	265901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129968	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69661	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
7) Chloroethane-d5	2.89	69	73137	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	125808	14.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.80%
20) 2-Butanone-d5	7.07	46	81007	65.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.46%
24) Chloroform-d	7.65	84	215859	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.30	65	119983	29.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.76%
29) Benzene-d6	8.27	84	425923	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	138936	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	381356	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	10.58	79	53518	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.92	63	60989	59.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125713	30.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	137027	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	3135m	2.500 ug/L	
16) Methylene chloride	4.92	84	8193	1.600 ug/L	93
21) 2-Butanone	7.17	43	3424	2.125 ug/L	91

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

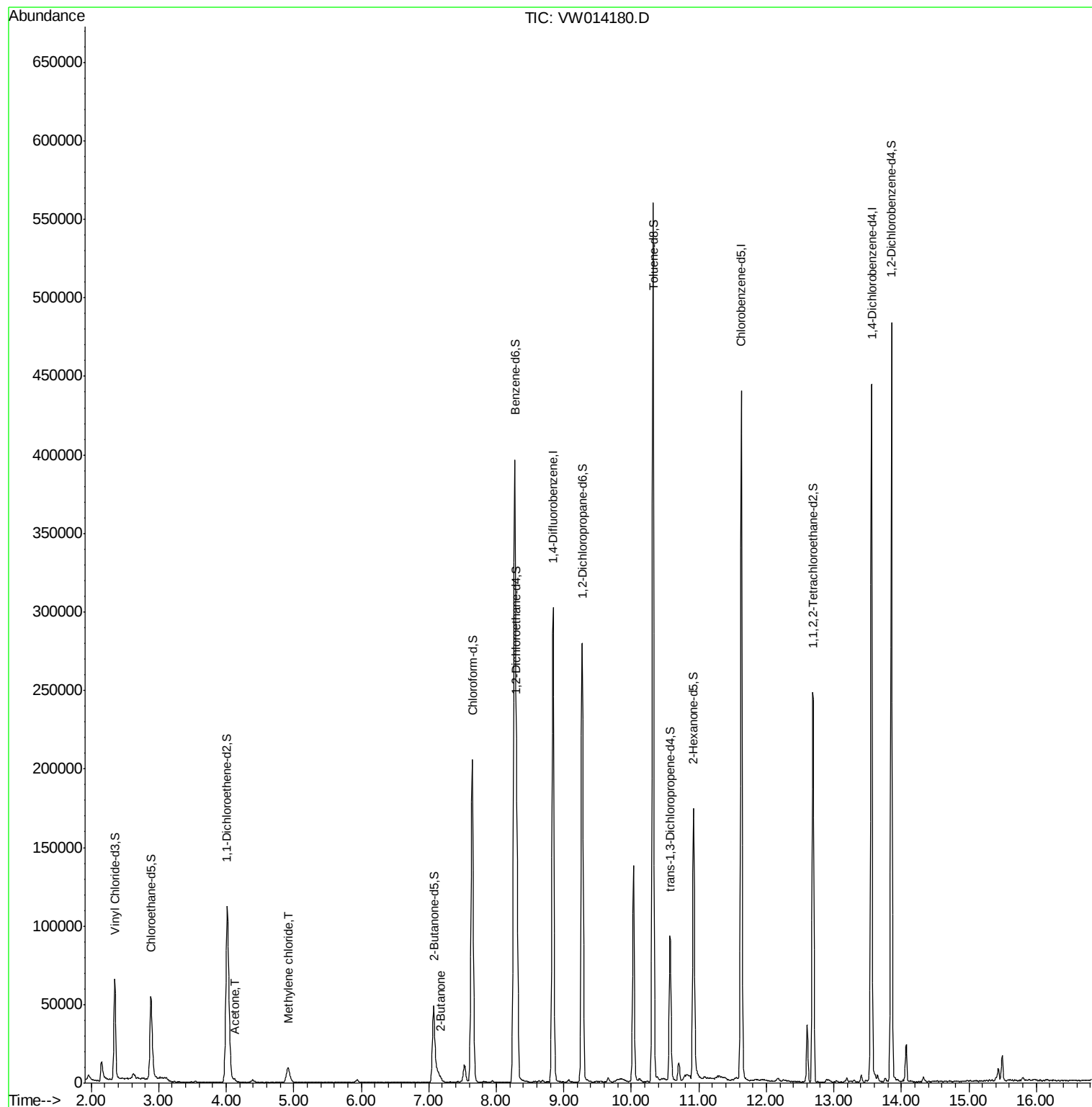
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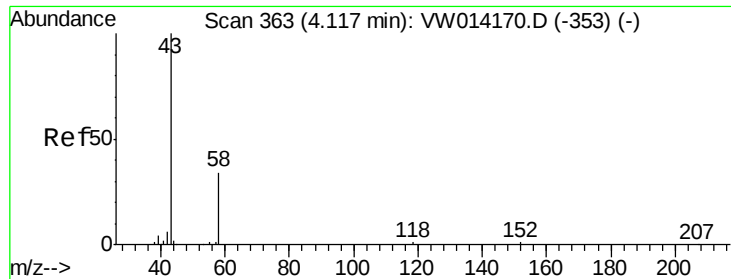
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Response via : Initial Calibration





#13

Acetone

Concen: 2.500 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014180.D

Acq: 29 Nov 2019 14:40

Tot Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 19.5 0.0 65.4

Instrument :

MSVOA_W

ClientSampled :

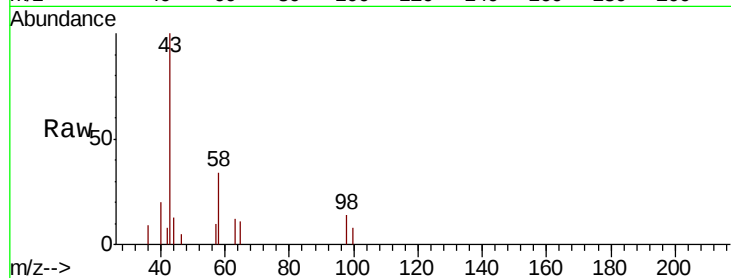
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Manual Integrations

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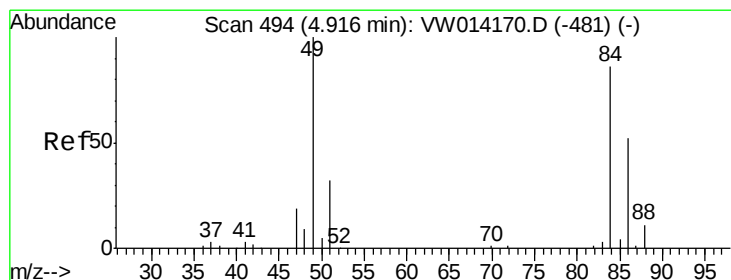
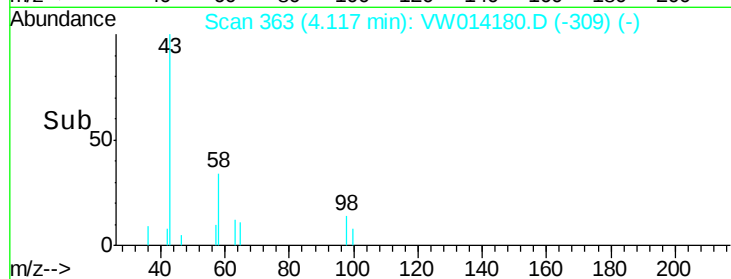
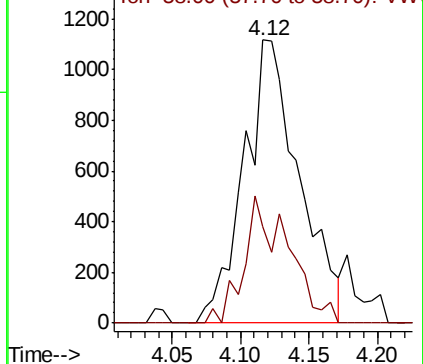
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.600 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW014180.D

Acq: 29 Nov 2019 14:40

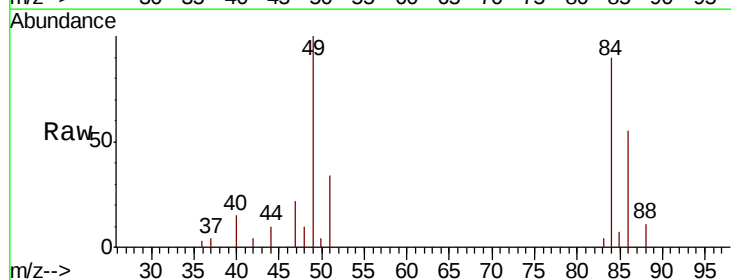
Tgt Ion: 84 Resp: 8193

Ion Ratio Lower Upper

84 100

49 110.6 84.2 156.4

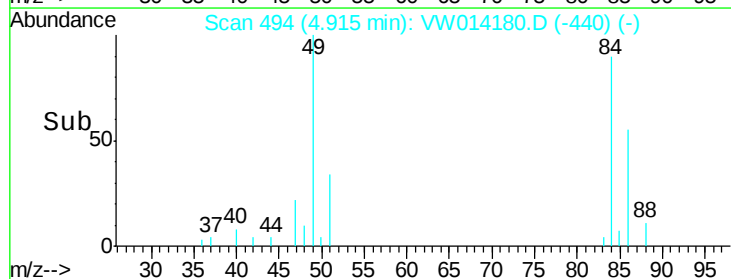
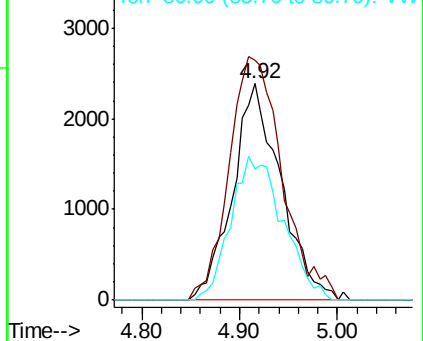
86 60.5 43.7 81.1

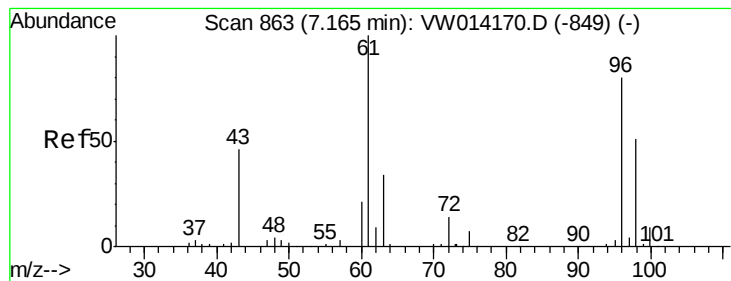


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21
 2-Butanone
 Concen: 2.125 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW014180.D
 Acq: 29 Nov 2019 14:40

Instrument :
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 C0BQ7

Tot Ion: 43 Resp: 3424
 Ion Ratio Lower Upper
 43 100
 72 33.0 14.1 42.2

Manual Integrations
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