

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009461.D
 Acq On : 26 Mar 2019 12:40
 Operator : SY/VA
 Sample : K2065-08
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K2

Manual Integrations
 APPROVED

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 3/30/2019 12:36:18 PM

Quant Time: Mar 27 06:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381323	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86579	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
7) Chloroethane-d5	2.89	69	94348	16.34	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
10) 1,1-Dichloroethene-d2	4.02	63	147976	13.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.52%
20) 2-Butanone-d5	7.08	46	67933	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
24) Chloroform-d	7.65	84	230214	20.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	8.30	65	132949	19.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.36%
29) Benzene-d6	8.27	84	405807	19.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.20%
33) 1,2-Dichloropropane-d6	9.27	67	131822	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.48%
37) Toluene-d8	10.32	98	350578	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.12%
38) trans-1,3-Dichloropropene-	10.57	79	51842	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.36%
39) 2-Hexanone-d5	10.93	63	45686	29.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111260	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	128126	20.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.04%

Target Compounds					Ovalue
13) Acetone	4.12	43	23362m	13.962	ug/L
16) Methylene chloride	4.92	84	13733	2.281	ug/L
21) 2-Butanone	7.18	43	5603	2.425	ug/L

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

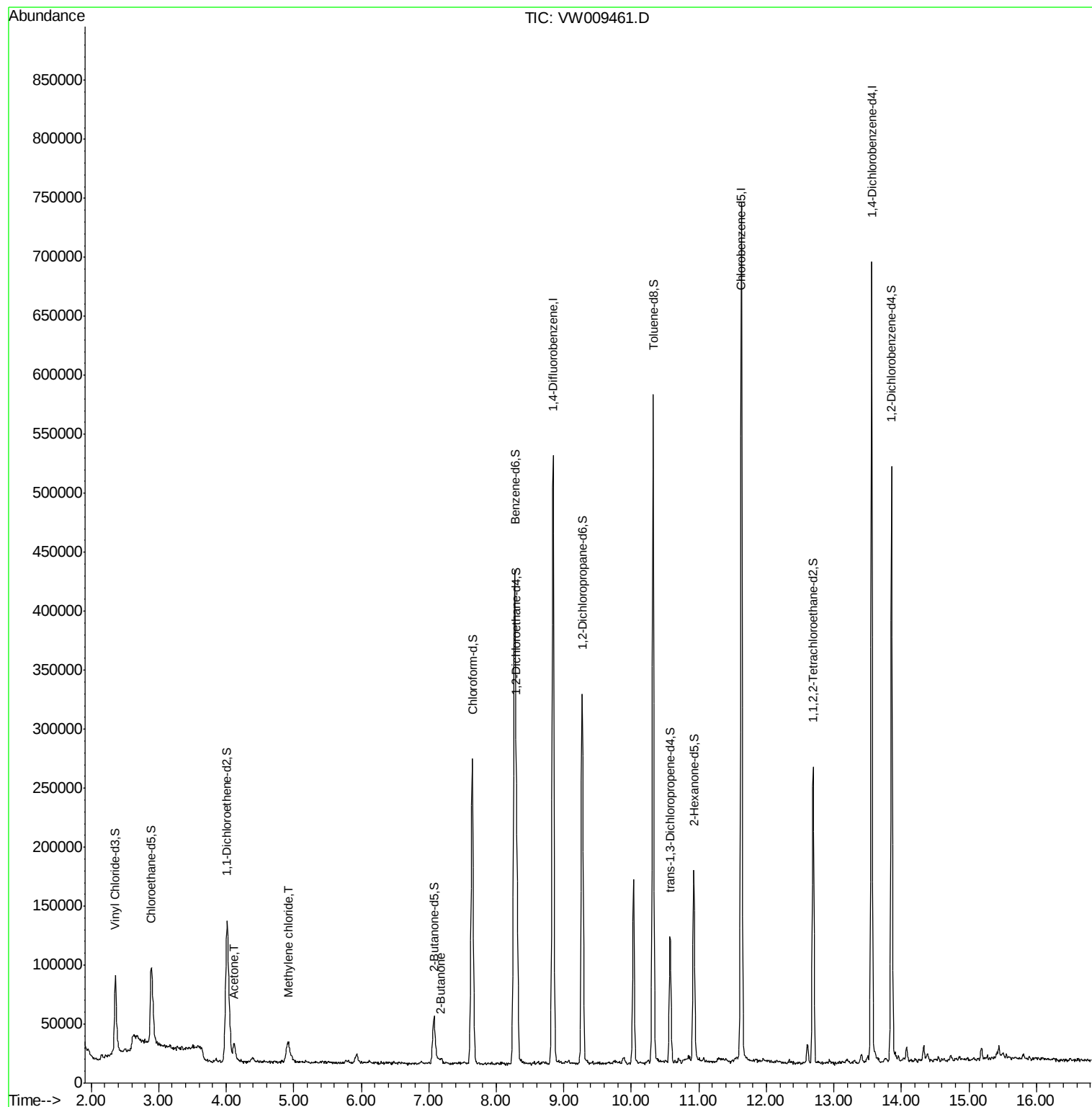
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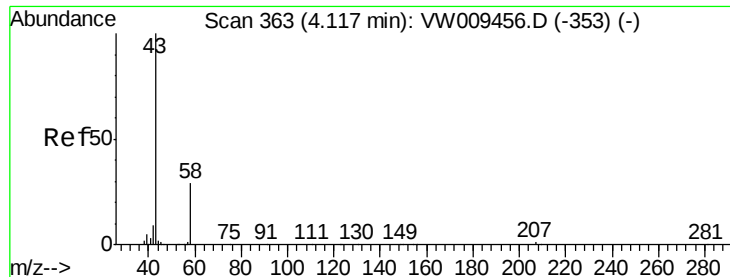
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Response via : Initial Calibration





#13

Acetone

Concen: 13.962 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009461.D

Acq: 26 Mar 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

BF5K2

Tot Ion: 43 Resp: 23362

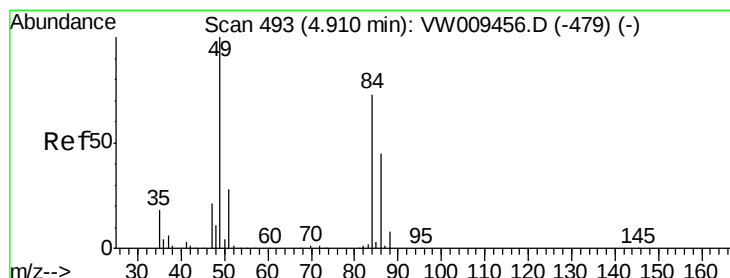
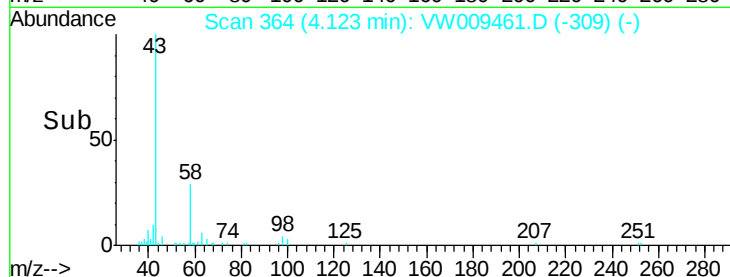
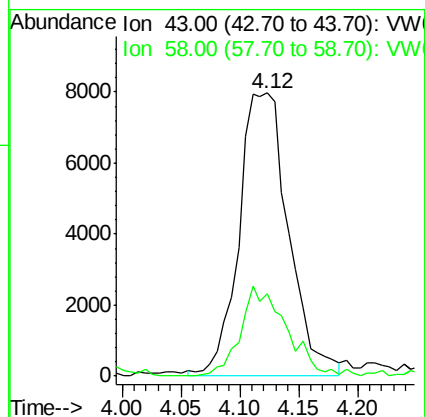
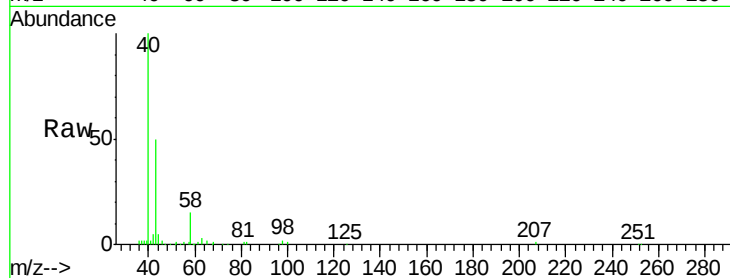
Ion Ratio Lower Upper

43 100

58 0.5 0.0 56.2

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#16

Methylene chloride

Concen: 2.281 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009461.D

Acq: 26 Mar 2019 12:40

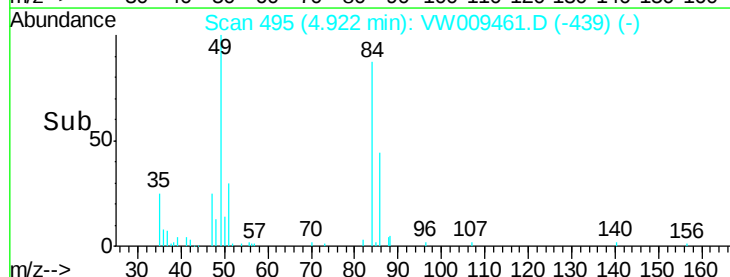
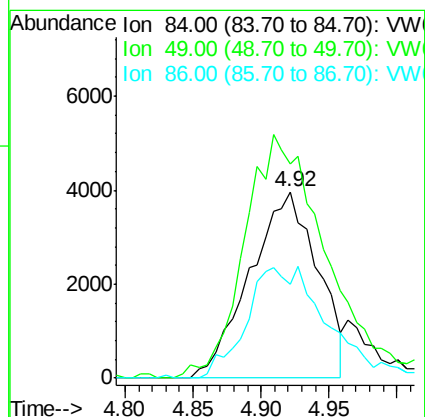
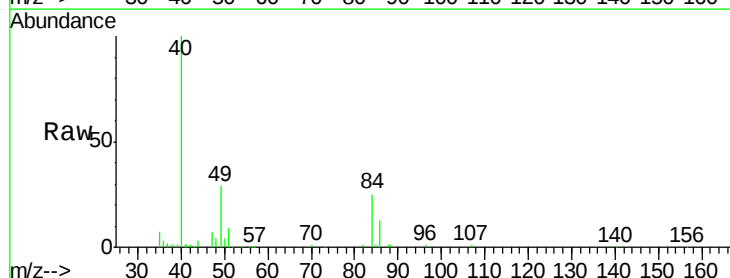
Tgt Ion: 84 Resp: 13733

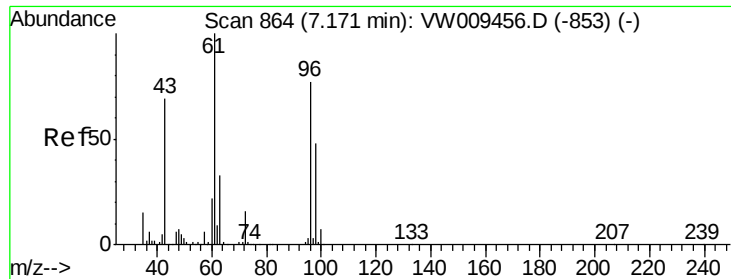
Ion Ratio Lower Upper

84 100

49 115.1 96.0 178.2

86 50.6 44.4 82.5





#21
 2-Butanone
 Concen: 2.425 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
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Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	14.3	13.1	39.1

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