

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009521.D
 Acq On : 28 Mar 2019 01:27
 Operator : SY/VA
 Sample : K2068-17
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L1

Manual Integrations
 APPROVED

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 3/28/2019 2:48:12 PM

Quant Time: Mar 28 08:26:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118052	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68547	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	2.89	69	86588	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	129794	14.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	7.08	46	74006	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
24) Chloroform-d	7.64	84	217169	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	8.31	65	137473m	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.27	84	364949	20.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.56%
33) 1,2-Dichloropropane-d6	9.27	67	123951	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.32	98	298205	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.96%
38) trans-1,3-Dichloropropene-	10.58	79	45934	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.88%
39) 2-Hexanone-d5	10.93	63	47384	36.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123707	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	99257	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds					Ovalue
13) Acetone	4.12	43	23748	16.984 ug/L	97
16) Methylene chloride	4.90	84	22874m	4.546 ug/L	
21) 2-Butanone	7.17	43	7936m	4.111 ug/L	

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

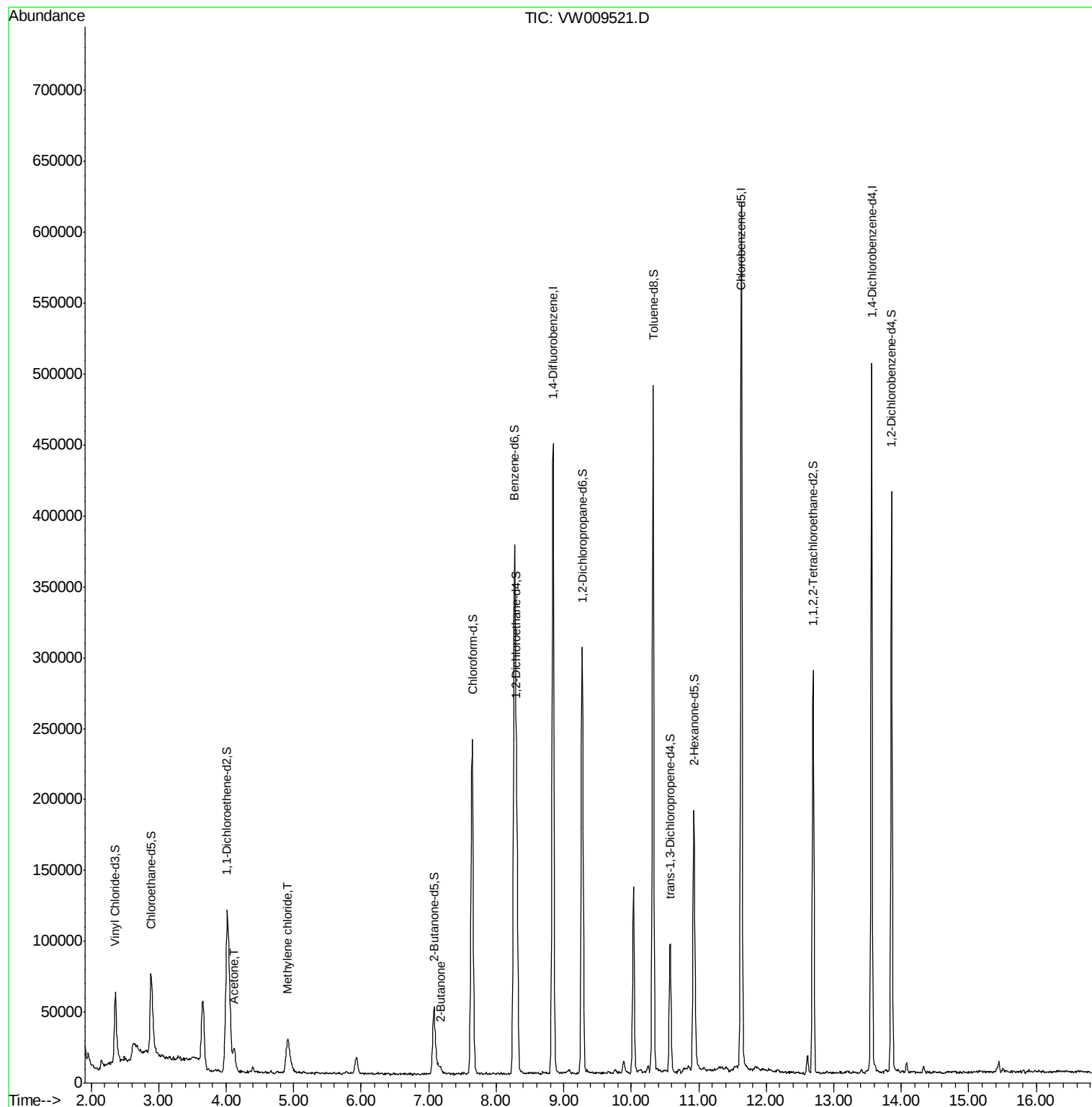
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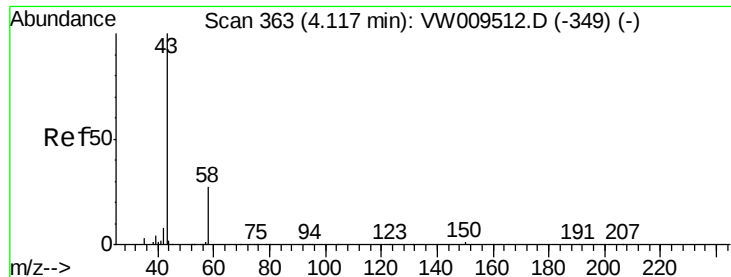
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#13

Acetone

Concen: 16.984 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009521.D

Acq: 28 Mar 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

BF5L1

Tot Ion: 43 Resp: 23748

Ion Ratio Lower Upper

43 100

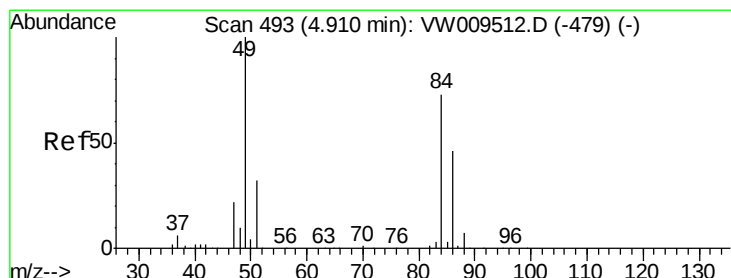
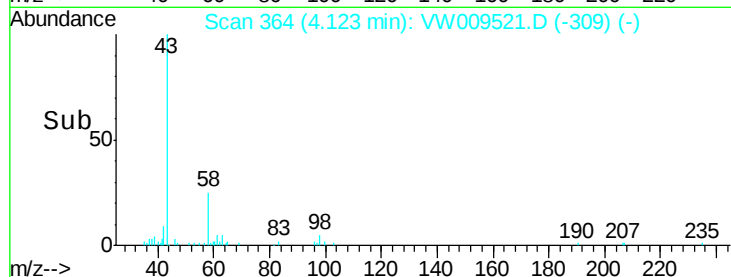
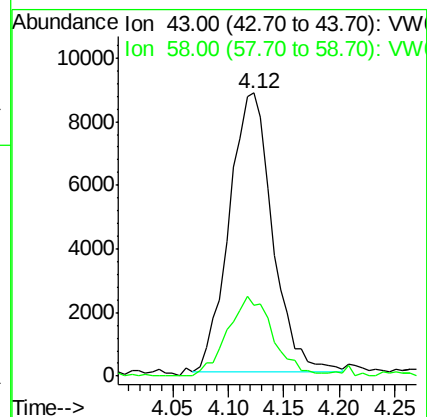
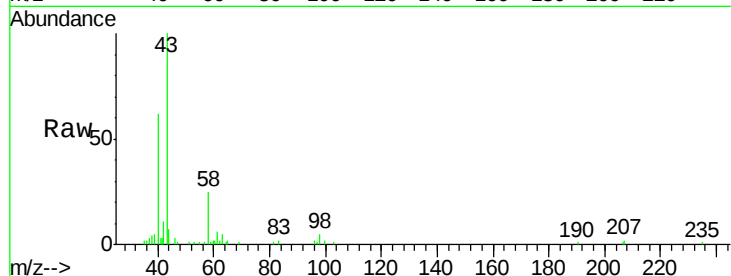
58 29.7 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 4.546 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009521.D

Acq: 28 Mar 2019 01:27

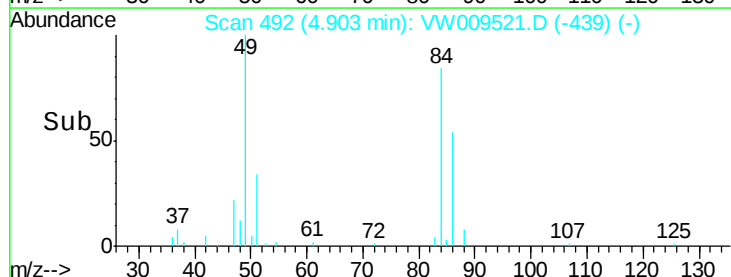
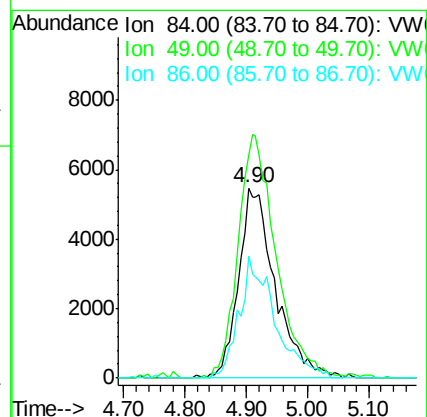
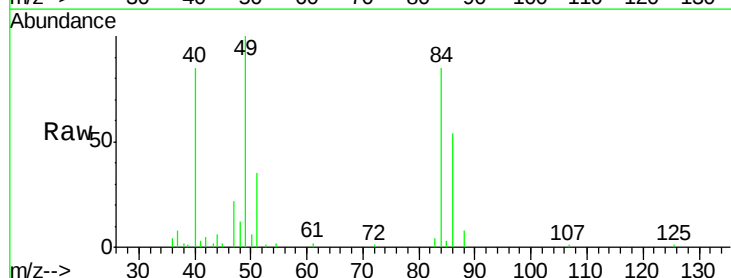
Tgt Ion: 84 Resp: 22874

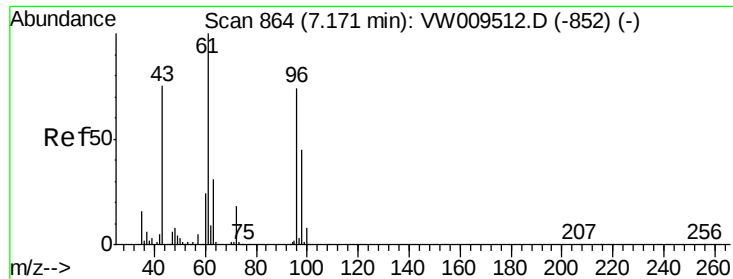
Ion Ratio Lower Upper

84 100

49 117.6 96.0 178.2

86 64.0 44.4 82.5





#21
 2-Butanone
 Concen: 4.111 ug/L m
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW009521.D
 Acq: 28 Mar 2019 01:27

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 MSVOA_W
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Tot Ion	Ratio	Lower	Upper
43	100		
72	0.5	13.1	39.1#

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