

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009535.D
 Acq On : 28 Mar 2019 13:52
 Operator : SY/VA
 Sample : K2084-03
 Misc : 4.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF7T3

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:05 AM

Quant Time: Mar 29 09:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	445005	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432127	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194089	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	166850	31.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.52%
7) Chloroethane-d5	2.89	69	151105	24.28	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.01	63	250042	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.00%
20) 2-Butanone-d5	7.07	46	71303	32.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.84%
24) Chloroform-d	7.64	84	301822	24.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	8.30	65	174908	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.27	84	583638	24.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.96%
33) 1,2-Dichloropropane-d6	9.27	67	171928	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.32	98	530233	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.58	79	73215	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	47882	27.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130841	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	182950	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds					Qvalue
13) Acetone	4.12	43	4945m	2.742	ug/L
16) Methylene chloride	4.92	84	46511m	7.167	ug/L

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

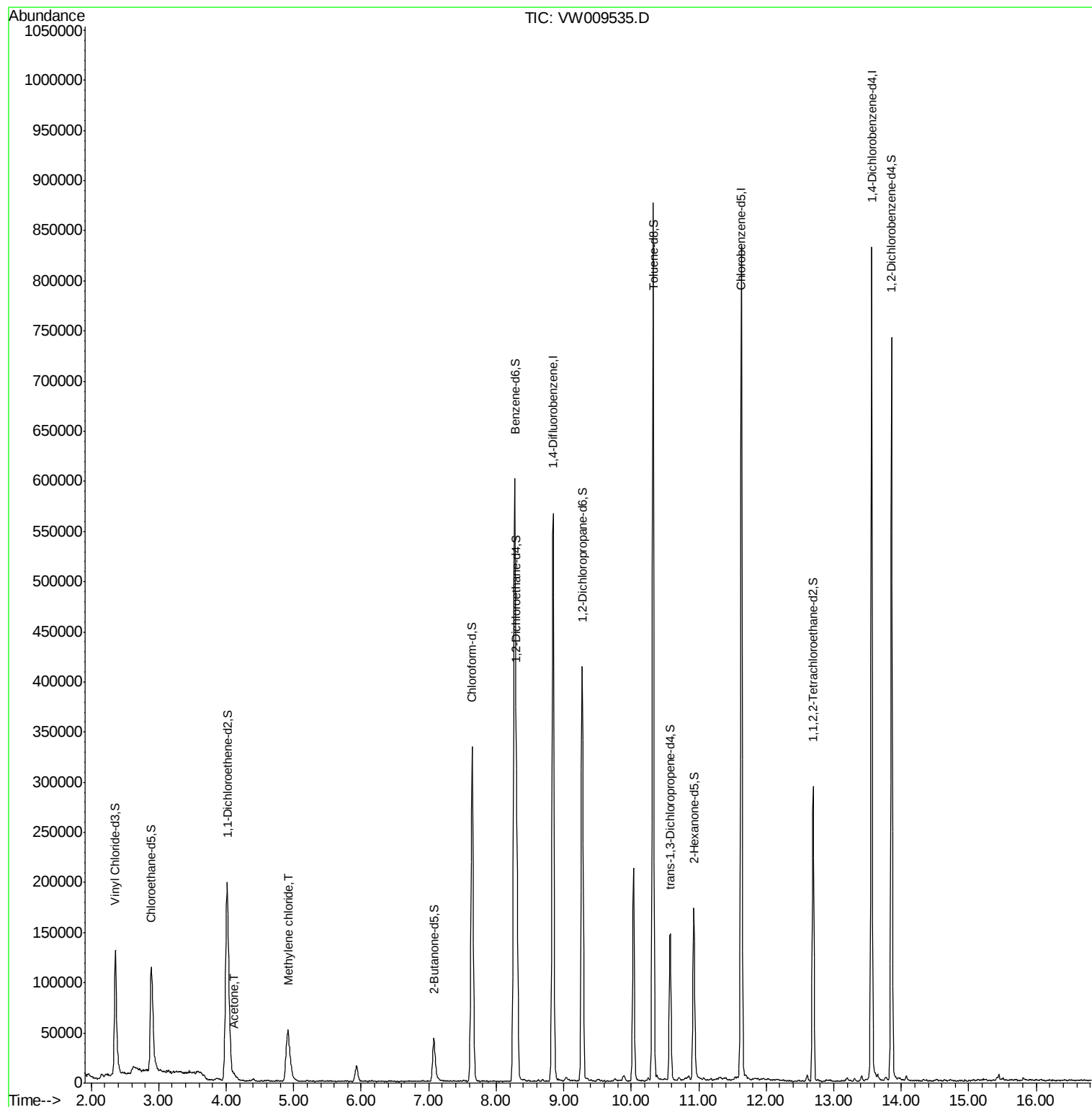
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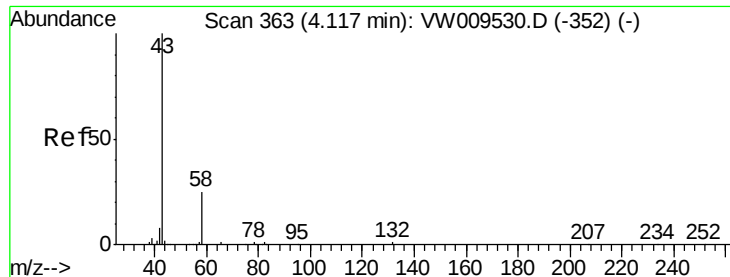
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#13

Acetone

Concen: 2.742 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009535.D

Acq: 28 Mar 2019 13:52

Instrument :

MSVOA_W

ClientSampled :

BF7T3

Tgt Ion: 43 Resp: 4945

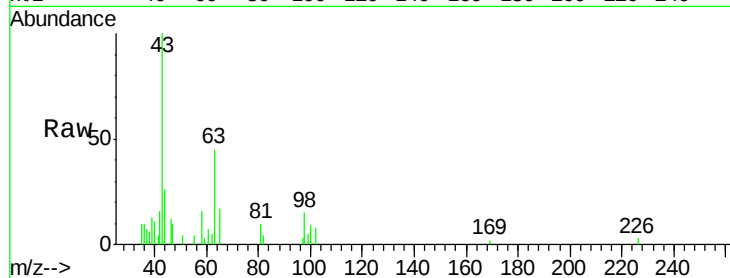
Ion Ratio Lower Upper

43 100

58 25.0 0.0 56.2

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

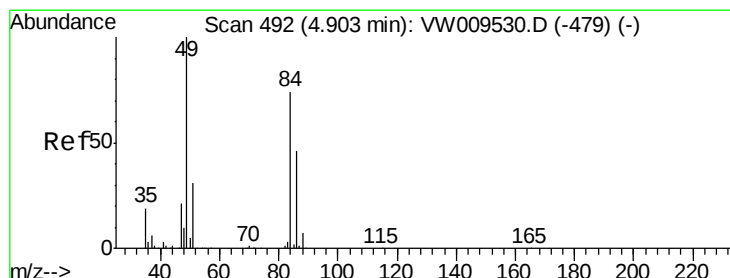
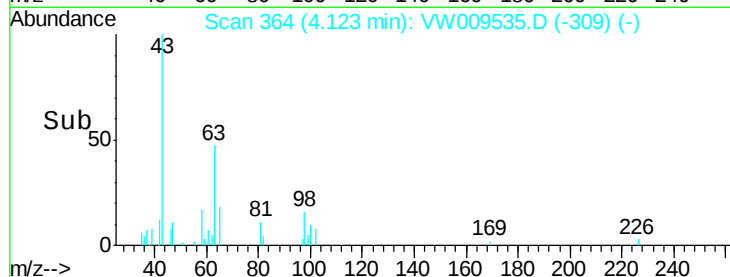
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 7.167 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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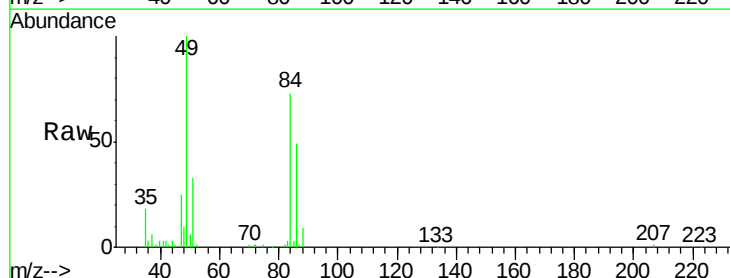
Tgt Ion: 84 Resp: 46511

Ion Ratio Lower Upper

84 100

49 136.8 96.0 178.2

86 67.6 44.4 82.5



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

20000

15000

10000

5000

0

Time-->

4.80 4.90 5.00 5.10

