

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009459.D
 Acq On : 26 Mar 2019 11:45
 Operator : SY/VA
 Sample : K2065-18
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L7

Quant Time: Mar 27 06:42:49 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	427937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410588	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77912	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.96%
7) Chloroethane-d5	2.89	69	88641	14.81	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.24%
10) 1,1-Dichloroethene-d2	4.01	63	132378	11.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.92%
20) 2-Butanone-d5	7.07	46	81548	38.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.12%
24) Chloroform-d	7.65	84	201843	17.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.12%
26) 1,2-Dichloroethane-d4	8.31	65	126994	18.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.20%
29) Benzene-d6	8.27	84	359458	15.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.48%
33) 1,2-Dichloropropane-d6	9.27	67	116866	17.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.72%#
37) Toluene-d8	10.32	98	312389	14.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.68%
38) trans-1,3-Dichloropropene-	10.58	79	50860	14.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.56%
39) 2-Hexanone-d5	10.93	63	56136	34.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121411	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	130804	17.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.76%#

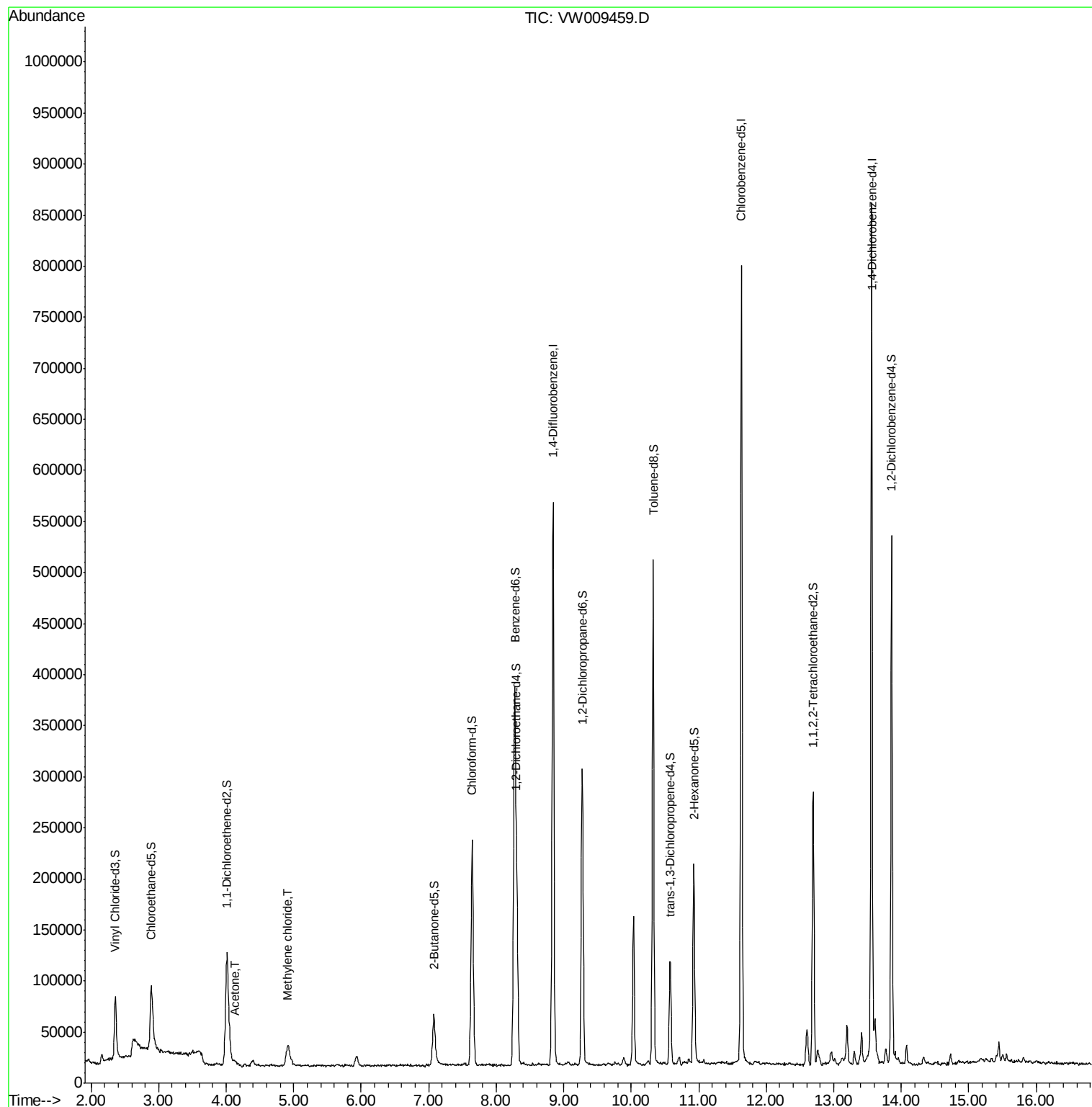
Target Compounds					Ovalue
13) Acetone	4.12	43	5038	2.905 ug/L	81
16) Methylene chloride	4.92	84	18085	2.898 ug/L	90

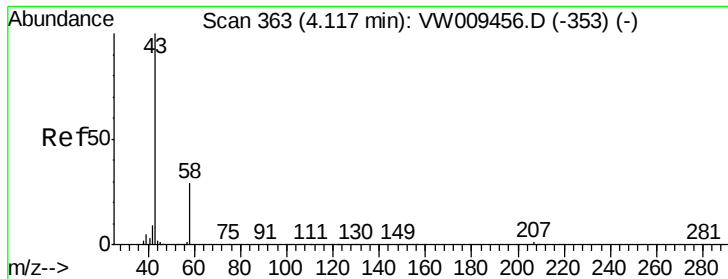
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.905 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

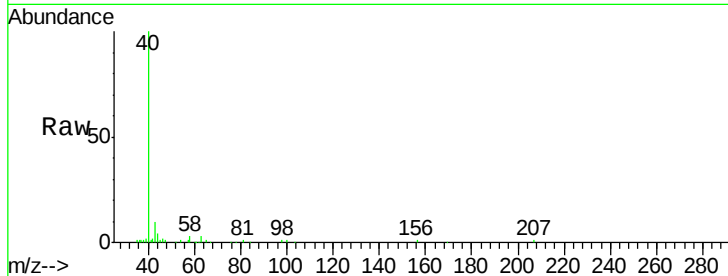
BF5L7

Tot Ion: 43 Resp: 5038

Ion Ratio Lower Upper

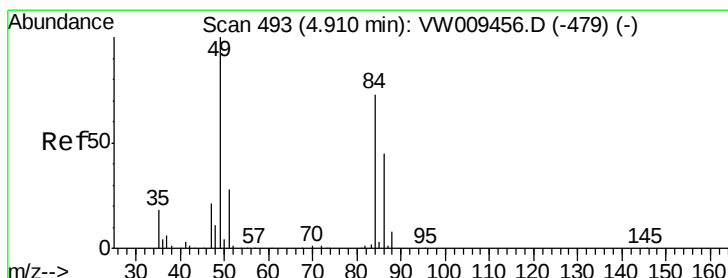
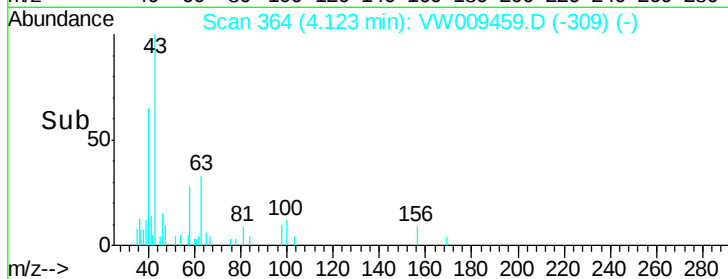
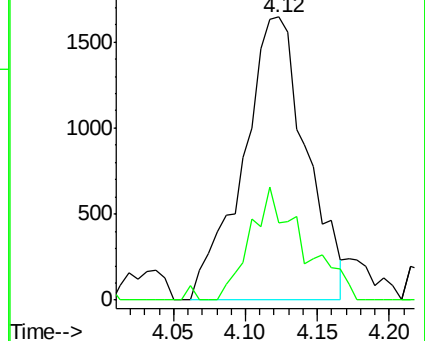
43 100

58 17.9 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.898 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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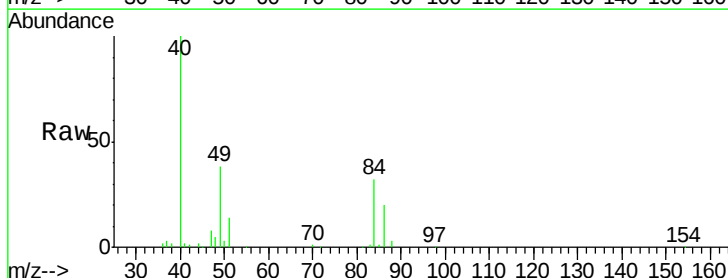
Tgt Ion: 84 Resp: 18085

Ion Ratio Lower Upper

84 100

49 120.8 96.0 178.2

86 62.0 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

