

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009656.D
 Acq On : 02 Apr 2019 16:40
 Operator : SY/VA
 Sample : K2168-05
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF646

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 5:12:45 PM

Quant Time: Apr 03 04:50:17 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 03 04:08:07 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	432403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416070	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176606	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101862	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.89	69	99155	16.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.60%
10) 1,1-Dichloroethene-d2	4.01	63	167342	14.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.92%
20) 2-Butanone-d5	7.07	46	68310	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
24) Chloroform-d	7.64	84	243143	20.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	8.30	65	142960	20.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.44%
29) Benzene-d6	8.27	84	426159	18.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.28%
33) 1,2-Dichloropropane-d6	9.27	67	135570	19.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.68%
37) Toluene-d8	10.32	98	369594	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.68%
38) trans-1,3-Dichloropropene-	10.58	79	55146	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.72%
39) 2-Hexanone-d5	10.93	63	40981	24.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118043	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	137102	20.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.00%

Target Compounds					Qvalue
13) Acetone	4.13	43	8377m	4.780 ug/L	
16) Methylene chloride	4.92	84	55176	8.750 ug/L	94

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

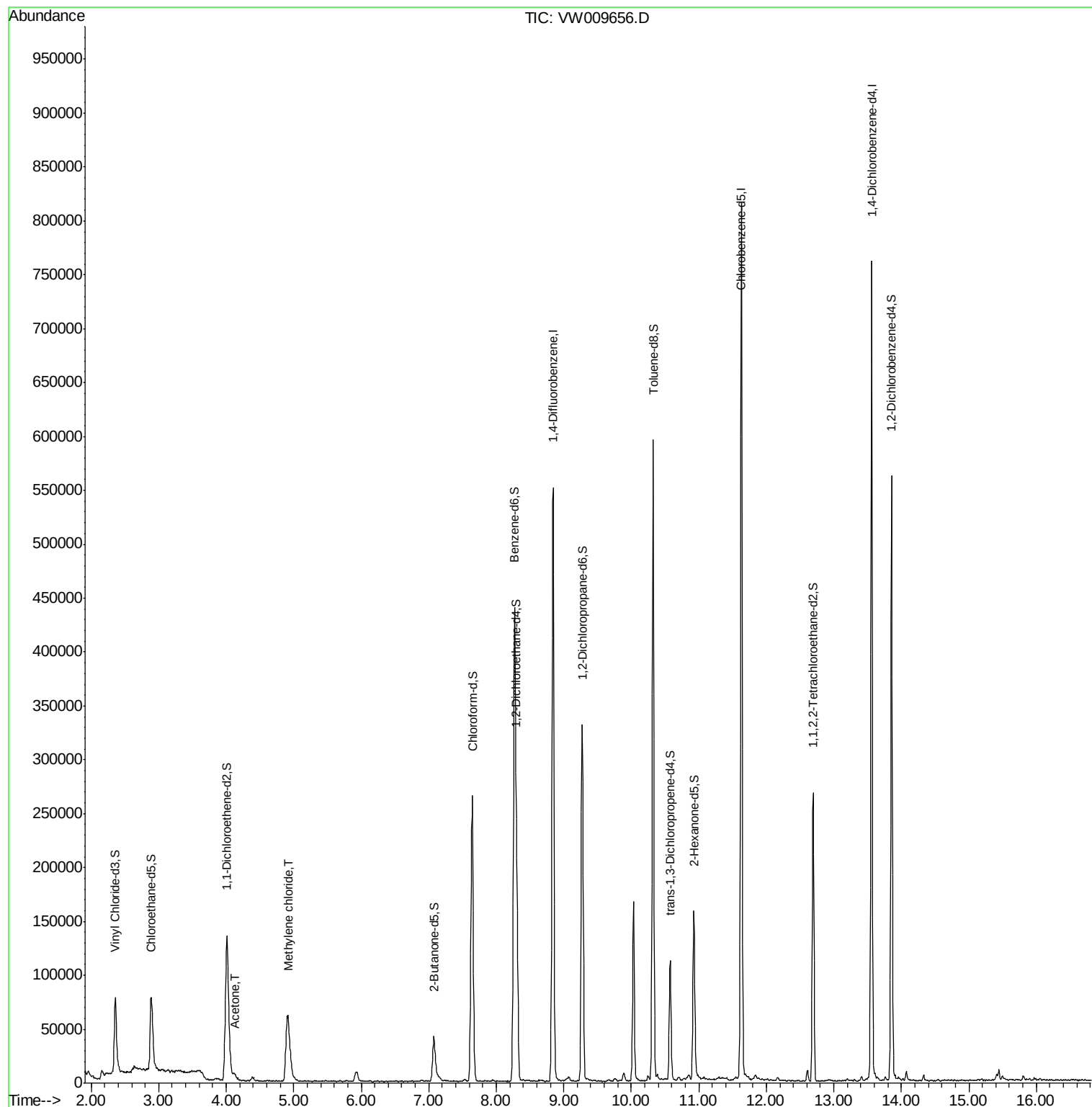
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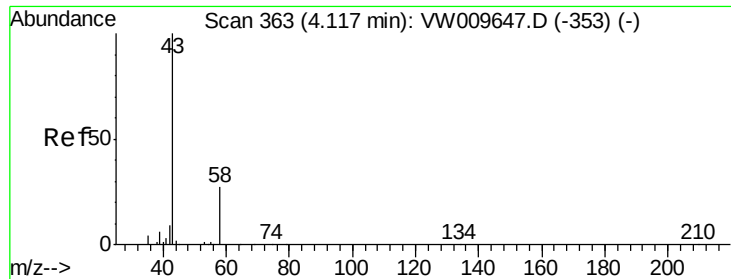
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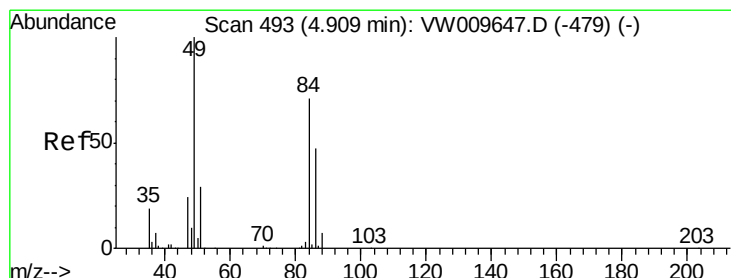
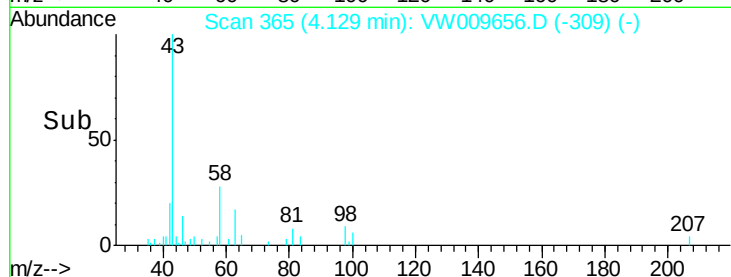
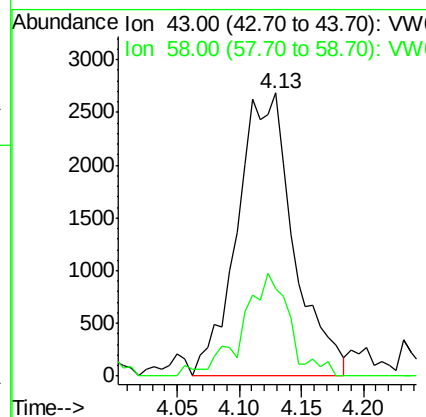
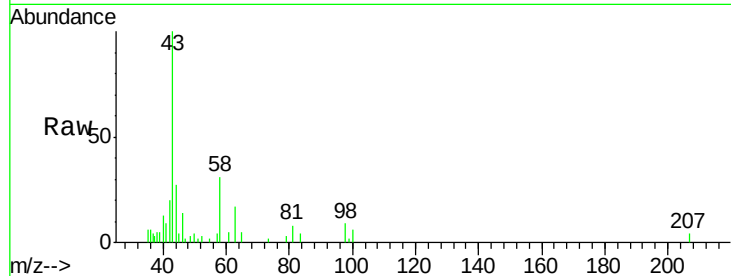
#13
Acetone
Concen: 4.780 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009656.D
Acq: 02 Apr 2019 16:40

Instrument :
MSVOA_W
ClientSampleId :
BF646

Tgt Ion: 43 Resp: 8377
Ion Ratio Lower Upper
43 100
58 23.2 0.0 56.2

Manual Integrations
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#16
Methylene chloride
Concen: 8.750 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009656.D
Acq: 02 Apr 2019 16:40

Tgt Ion: 84 Resp: 55176
Ion Ratio Lower Upper
84 100
49 146.6 96.0 178.2
86 61.1 44.4 82.5

