

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009468.D
 Acq On : 26 Mar 2019 15:51
 Operator : SY/VA
 Sample : K2044-05
 Misc : 3.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T5

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:36:49 PM

Quant Time: Mar 27 07:39:33 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	379727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149870	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90257	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	99295	18.70	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.01	63	146723m	14.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.84%
20) 2-Butanone-d5	7.07	46	72362	38.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.12%
24) Chloroform-d	7.65	84	236265	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.30	65	137574	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.27	84	412886	20.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.76%
33) 1,2-Dichloropropane-d6	9.27	67	131722	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.96%
37) Toluene-d8	10.32	98	356255	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.16%
38) trans-1,3-Dichloropropene-	10.58	79	51322	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.93	63	49812	34.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116317	19.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	130030	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds					Ovalue
13) Acetone	4.12	43	15116	9.822 ug/L	80
16) Methylene chloride	4.91	84	29962	5.411 ug/L	88

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

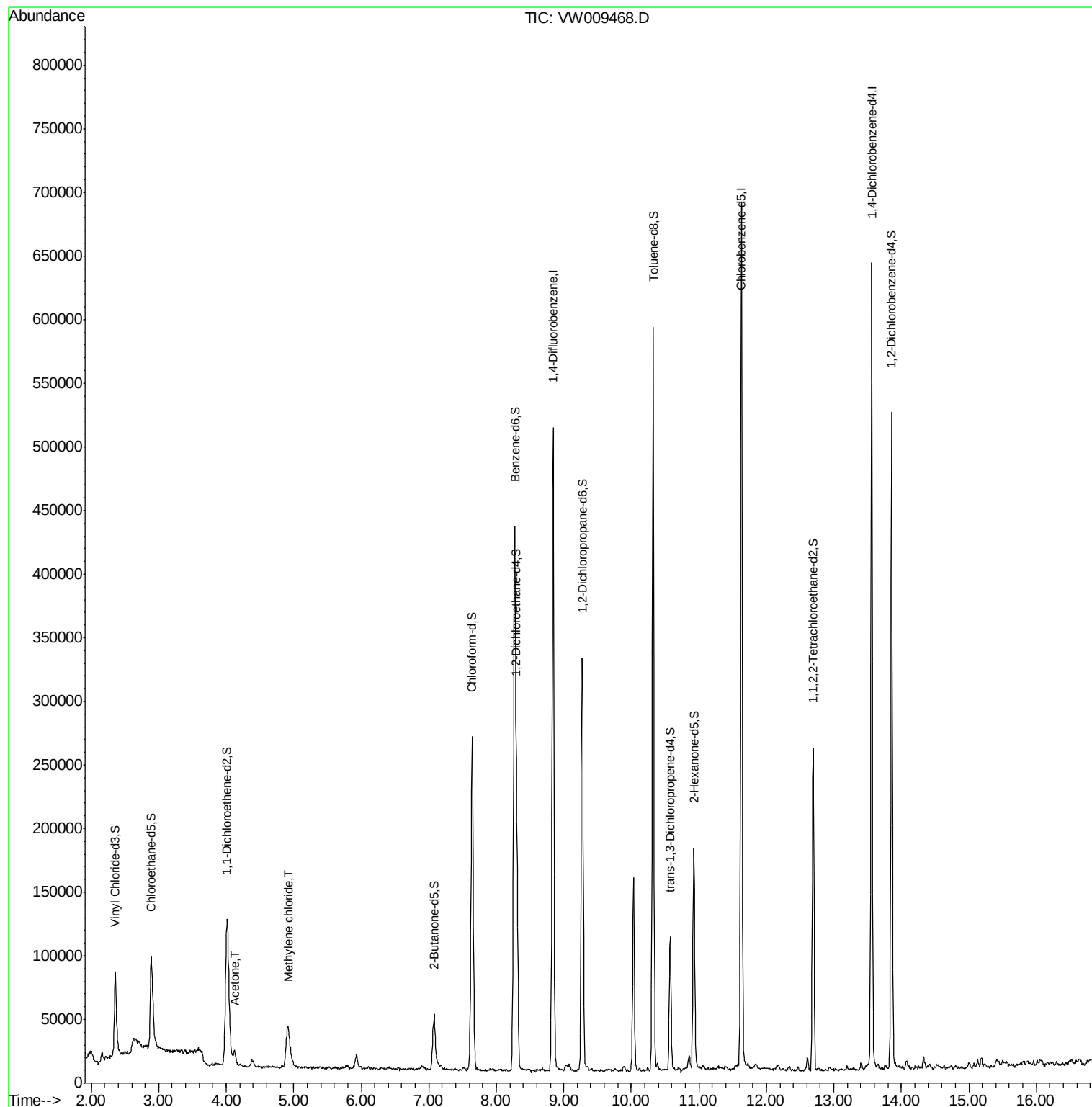
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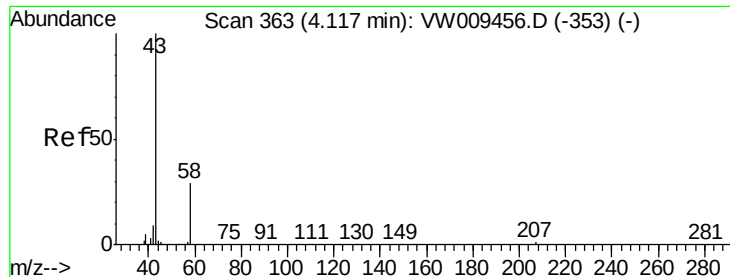
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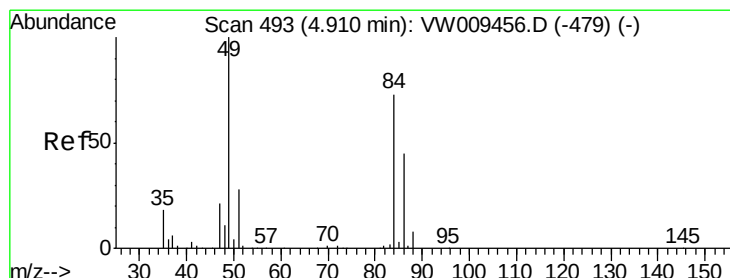
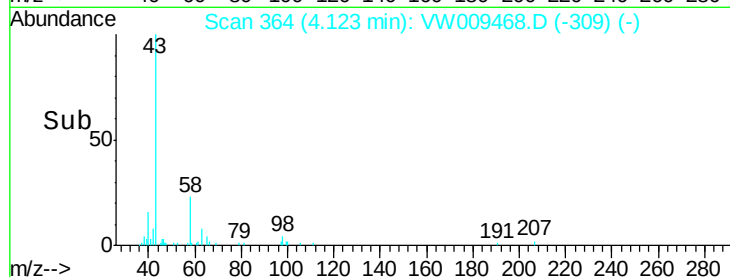
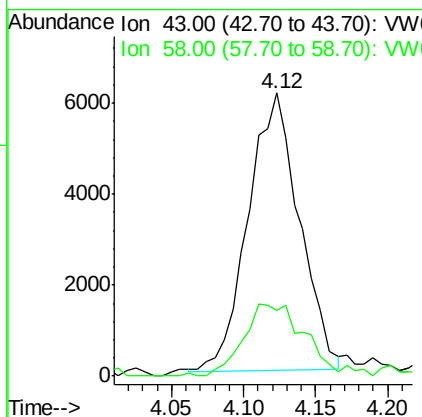
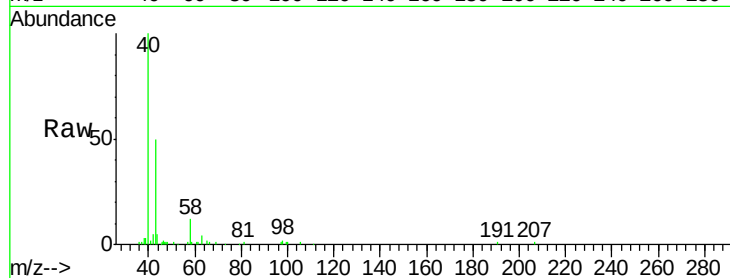
#13
Acetone
Concen: 9.822 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009468.D
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Instrument :
MSVOA_W
ClientSampleId :
BF5T5

Tot Ion	43	Resp	15116
Ion Ratio	43	100	
	58	17.5	0.0 56.2

Manual Integrations
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#16
Methylene chloride
Concen: 5.411 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
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Tgt Ion	84	Resp	29962
Ion Ratio	84	100	
	49	118.4	96.0 178.2
	86	60.1	44.4 82.5

