

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009435.D
 Acq On : 25 Mar 2019 18:56
 Operator : SY/VA
 Sample : K2044-01
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T1

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:30 PM

Quant Time: Mar 26 09:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	55260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	51846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	15230	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
7) Chloroethane-d5	2.90	69	16928	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.01	63	25562	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	7.09	46	15939m	58.36	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.72%
24) Chloroform-d	7.65	84	40779	27.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.16%
26) 1,2-Dichloroethane-d4	8.31	65	26794	29.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.96%
29) Benzene-d6	8.27	84	65956	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	23088	26.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.52%
37) Toluene-d8	10.32	98	50872	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.96%
38) trans-1,3-Dichloropropene-	10.58	79	9025	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	10.93	63	9497	45.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24701	29.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	18629	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	10320	46.081 ug/L	84
16) Methylene chloride	4.91	84	4221m	5.238 ug/L	

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

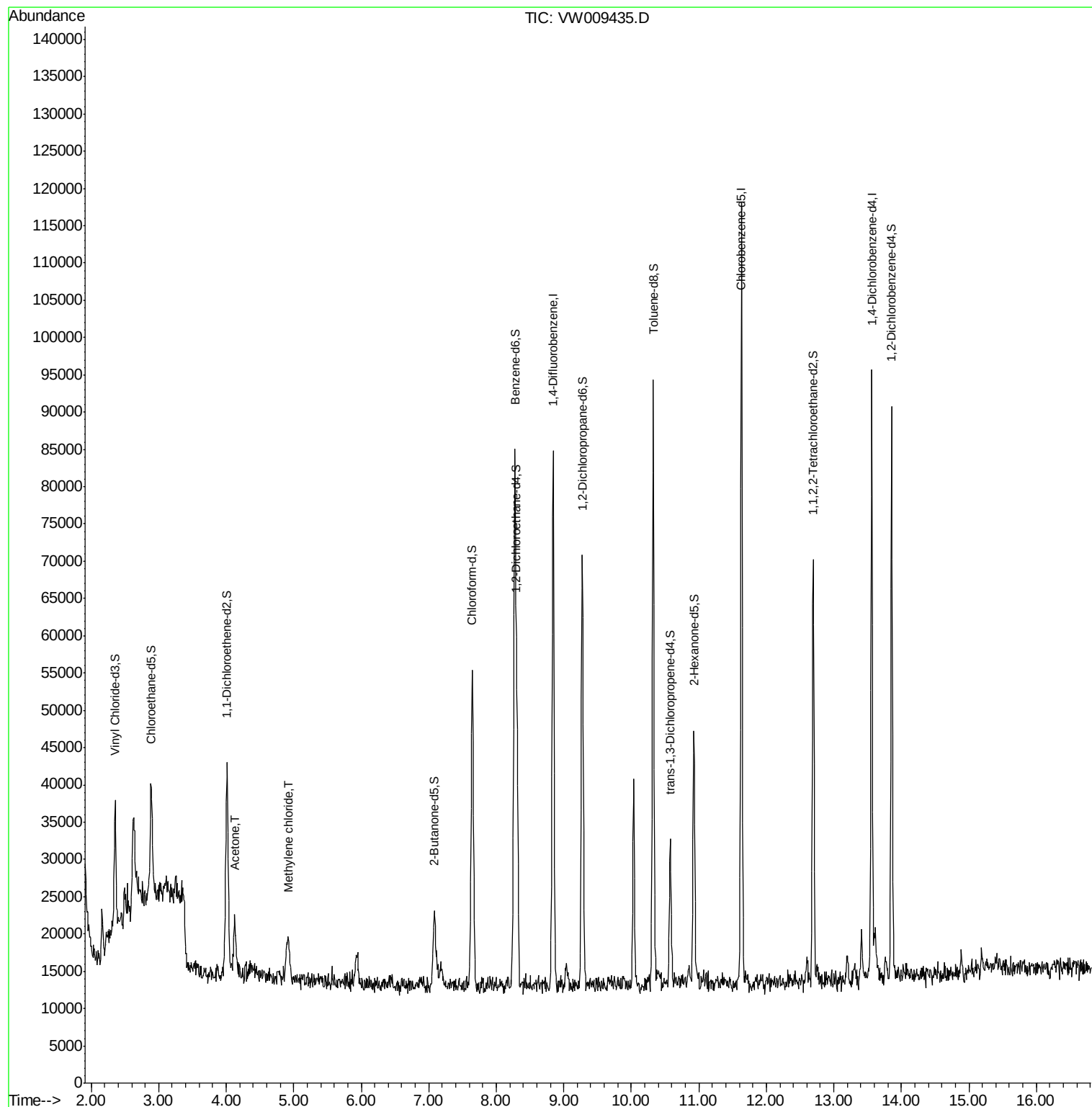
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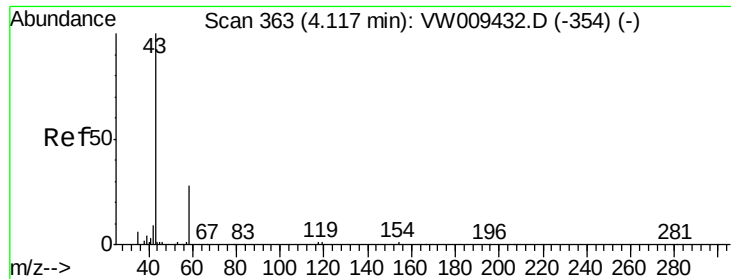
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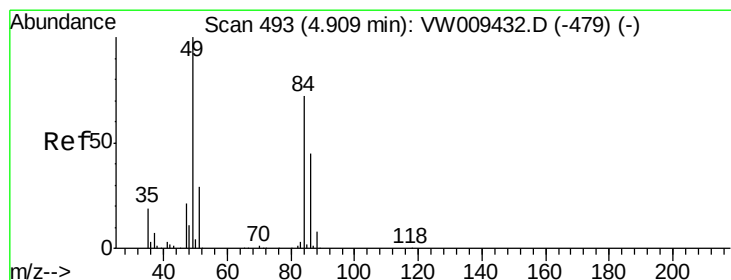
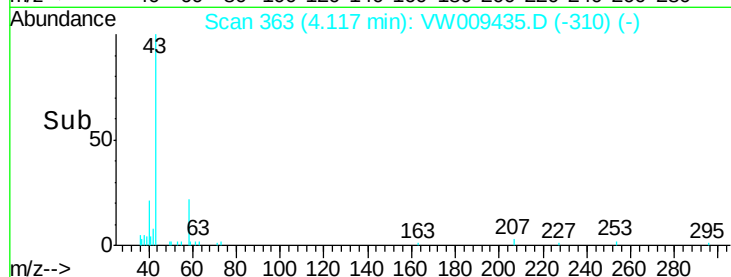
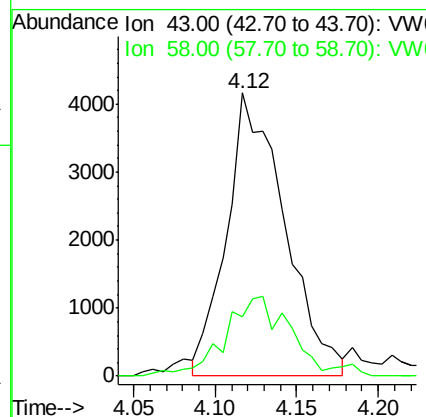
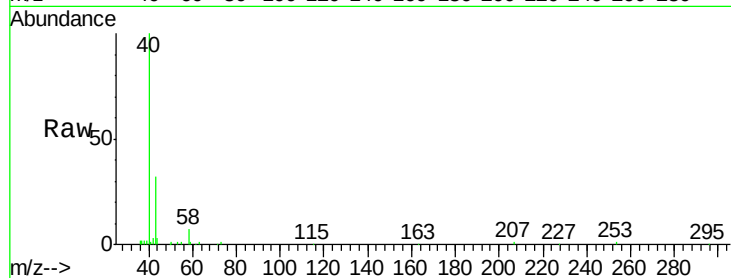
#13
Acetone
Concen: 46.081 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009435.D
Acq: 25 Mar 2019 18:56

Instrument :
MSVOA_W
ClientSampleId :
BF5T1

Tot Ion	Ratio	Lower	Upper
43	100		
58	19.5	0.0	56.2

Manual Integrations
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#16
Methylene chloride
Concen: 5.238 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009435.D
Acq: 25 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	96.0	178.2
86	56.1	44.4	82.5

