

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009470.D
 Acq On : 26 Mar 2019 16:46
 Operator : SY/VA
 Sample : K2044-07RE
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T7RE

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:36:54 PM

Quant Time: Mar 27 07:58:03 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	70390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	66040	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17459	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
7) Chloroethane-d5	2.89	69	18572	18.87	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
10) 1,1-Dichloroethene-d2	4.00	63	28292	15.56	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	7.09	46	11367	32.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.36%
24) Chloroform-d	7.65	84	44939	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	8.31	65	28708	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.27	84	74615	20.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.96%
33) 1,2-Dichloropropane-d6	9.27	67	24888	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	10.32	98	59201	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.32%
38) trans-1,3-Dichloropropene-	10.58	79	10019	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.96%
39) 2-Hexanone-d5	10.93	63	8157	30.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25404	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	22266	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds					Ovalue
13) Acetone	4.13	43	2989m	10.478 ug/L	
16) Methylene chloride	4.91	84	5332	5.194 ug/L	77

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

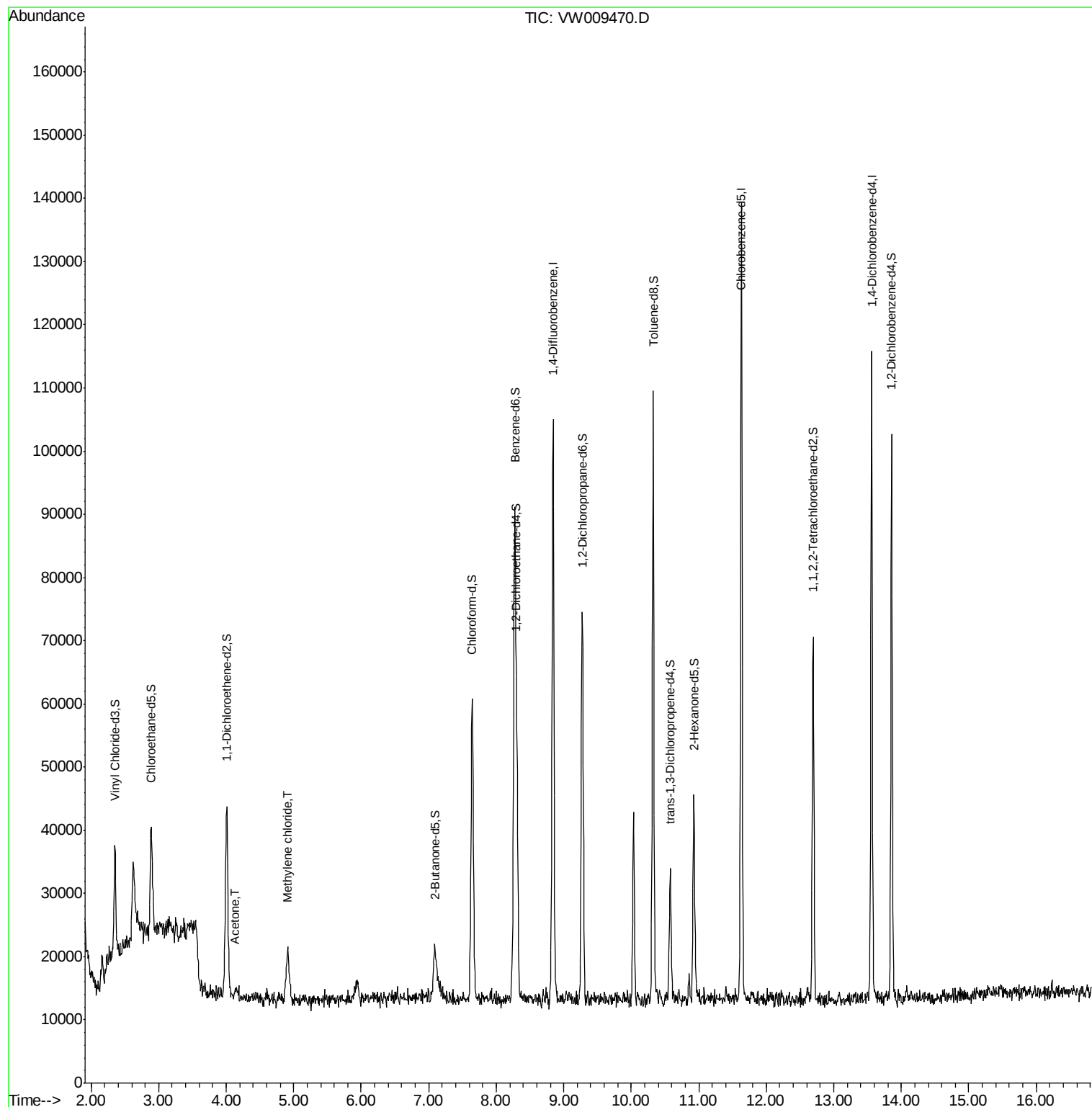
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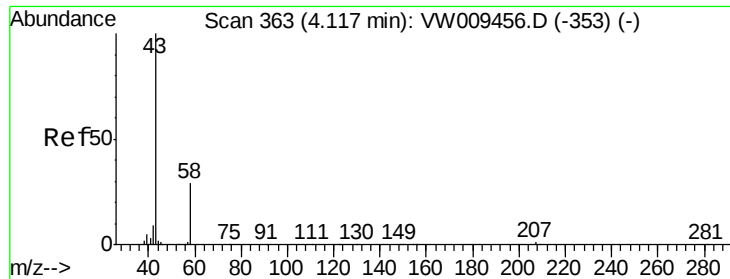
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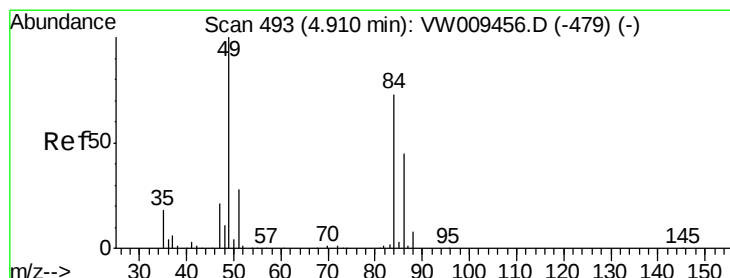
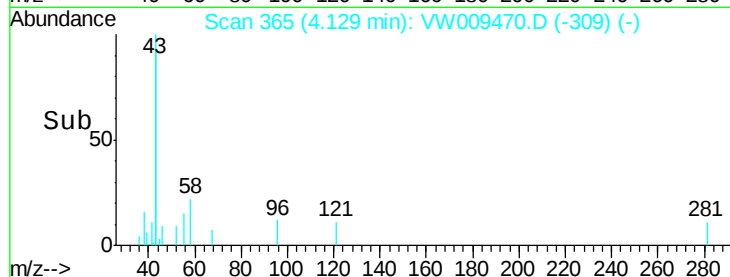
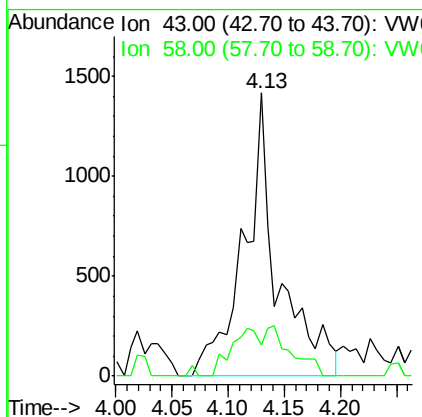
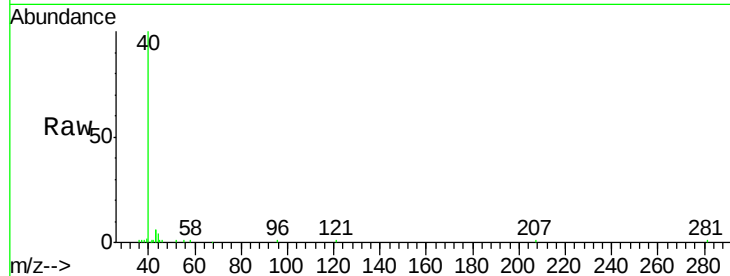
#13
Acetone
Concen: 10.478 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009470.D
Acq: 26 Mar 2019 16:46

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
43	100		
58	14.4	0.0	56.2

Manual Integrations
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#16
Methylene chloride
Concen: 5.194 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009470.D
Acq: 26 Mar 2019 16:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.8	96.0	178.2
86	50.7	44.4	82.5

