

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009483.D
 Acq On : 27 Mar 2019 00:32
 Operator : SY/VA
 Sample : K2065-19
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L8

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:37:28 PM

Quant Time: Mar 27 09:01:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	318395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64724	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	75065	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.44%
10) 1,1-Dichloroethene-d2	4.01	63	110997	13.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.00%
20) 2-Butanone-d5	7.08	46	67627	42.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.96%
24) Chloroform-d	7.64	84	197647	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.31	65	121708m	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.27	84	328209	19.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.20%
33) 1,2-Dichloropropane-d6	9.27	67	112976	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.44%
37) Toluene-d8	10.32	98	275950	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.20%
38) trans-1,3-Dichloropropene-	10.57	79	44915	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	10.93	63	43065	34.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106658	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	106830	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	17826	13.815 ug/L	99
16) Methylene chloride	4.92	84	14919m	3.213 ug/L	

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

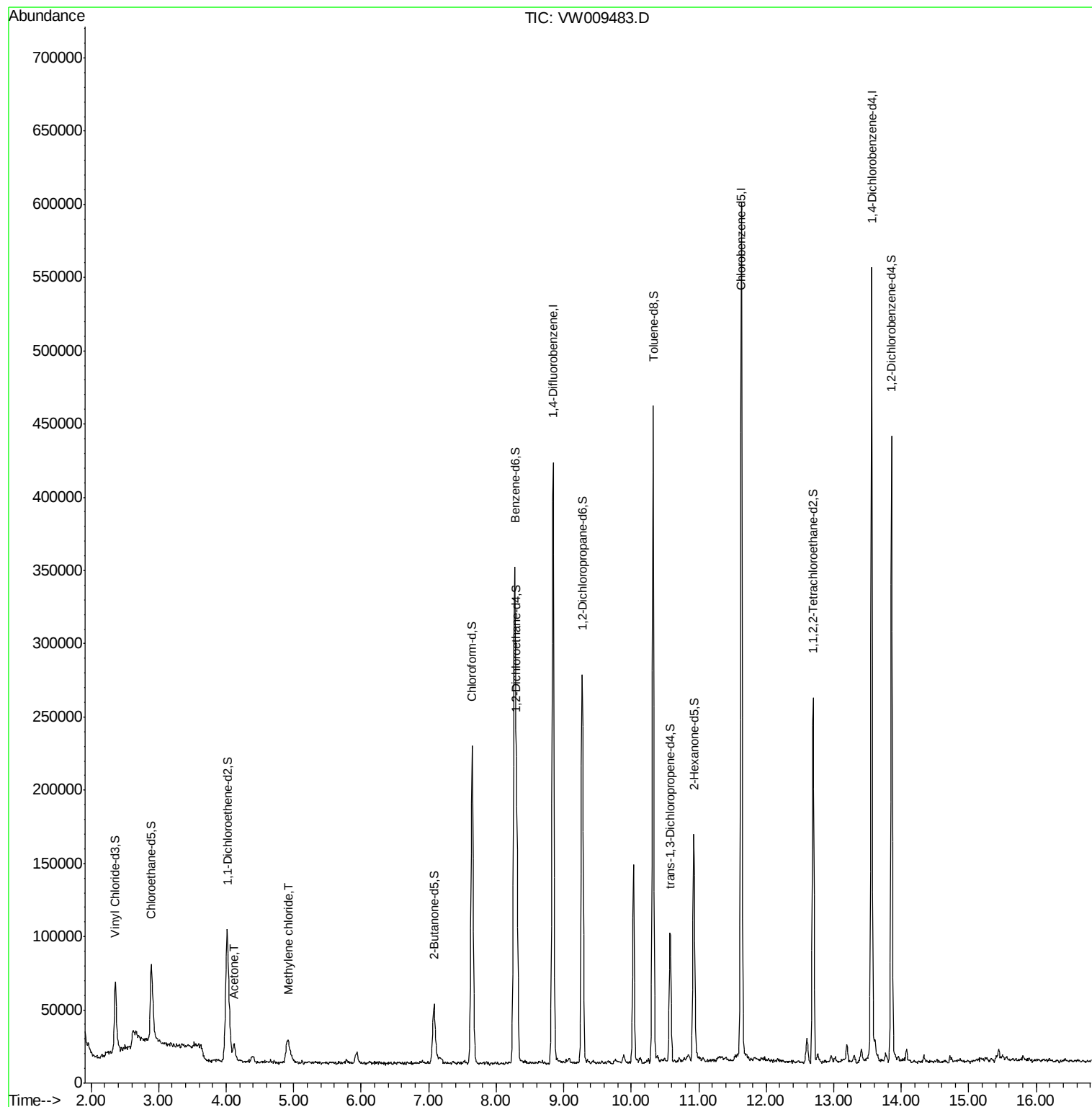
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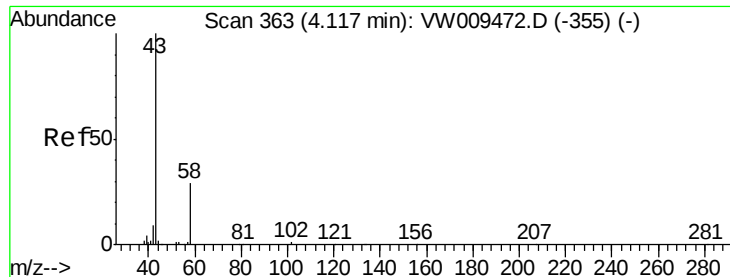
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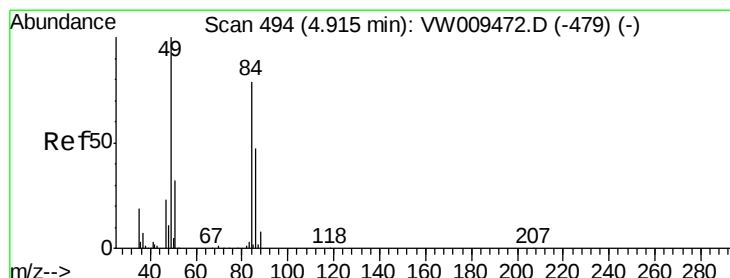
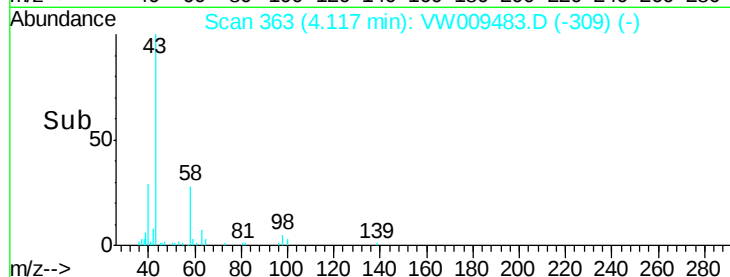
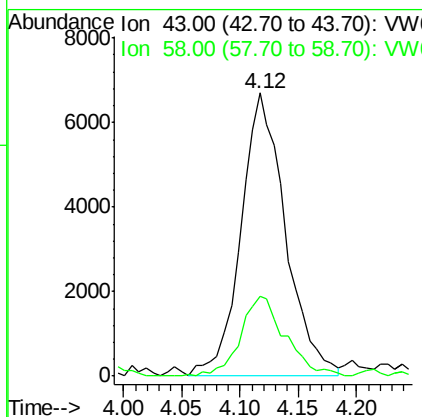
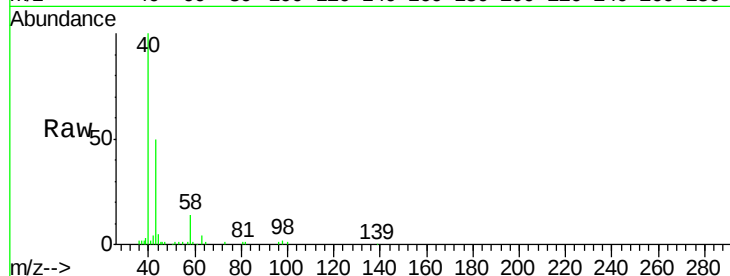
#13
Acetone
Concen: 13.815 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009483.D
Acq: 27 Mar 2019 00:32

Instrument :
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Tot Ion: 43 Resp: 17826
Ion Ratio Lower Upper
43 100
58 27.5 0.0 56.2

Manual Integrations
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#16
Methylene chloride
Concen: 3.213 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009483.D
Acq: 27 Mar 2019 00:32

Tgt Ion: 84 Resp: 14919
Ion Ratio Lower Upper
84 100
49 112.6 96.0 178.2
86 58.1 44.4 82.5

