

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081419\
 Data File : VW011912.D
 Acq On : 14 Aug 2019 11:36
 Operator : SY/VA
 Sample : K4215-22
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC6

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 9:00:59 AM

Quant Time: Aug 16 05:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 05:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284627	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75998	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.52%
7) Chloroethane-d5	2.89	69	63579	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
10) 1,1-Dichloroethene-d2	4.02	63	140221	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	7.08	46	58544	26.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.48%
24) Chloroform-d	7.65	84	181010	19.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.36%
26) 1,2-Dichloroethane-d4	8.30	65	103019m	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	353466	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.27	67	119016	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.32	98	294202	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.08%
38) trans-1,3-Dichloropropene-	10.58	79	41461	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.48%
39) 2-Hexanone-d5	10.93	63	36503	27.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75328	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	79265	18.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.32%

Target Compounds					Ovalue
13) Acetone	4.13	43	4900	2.090 ug/L	94
16) Methylene chloride	4.92	84	13413	2.489 ug/L	88

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

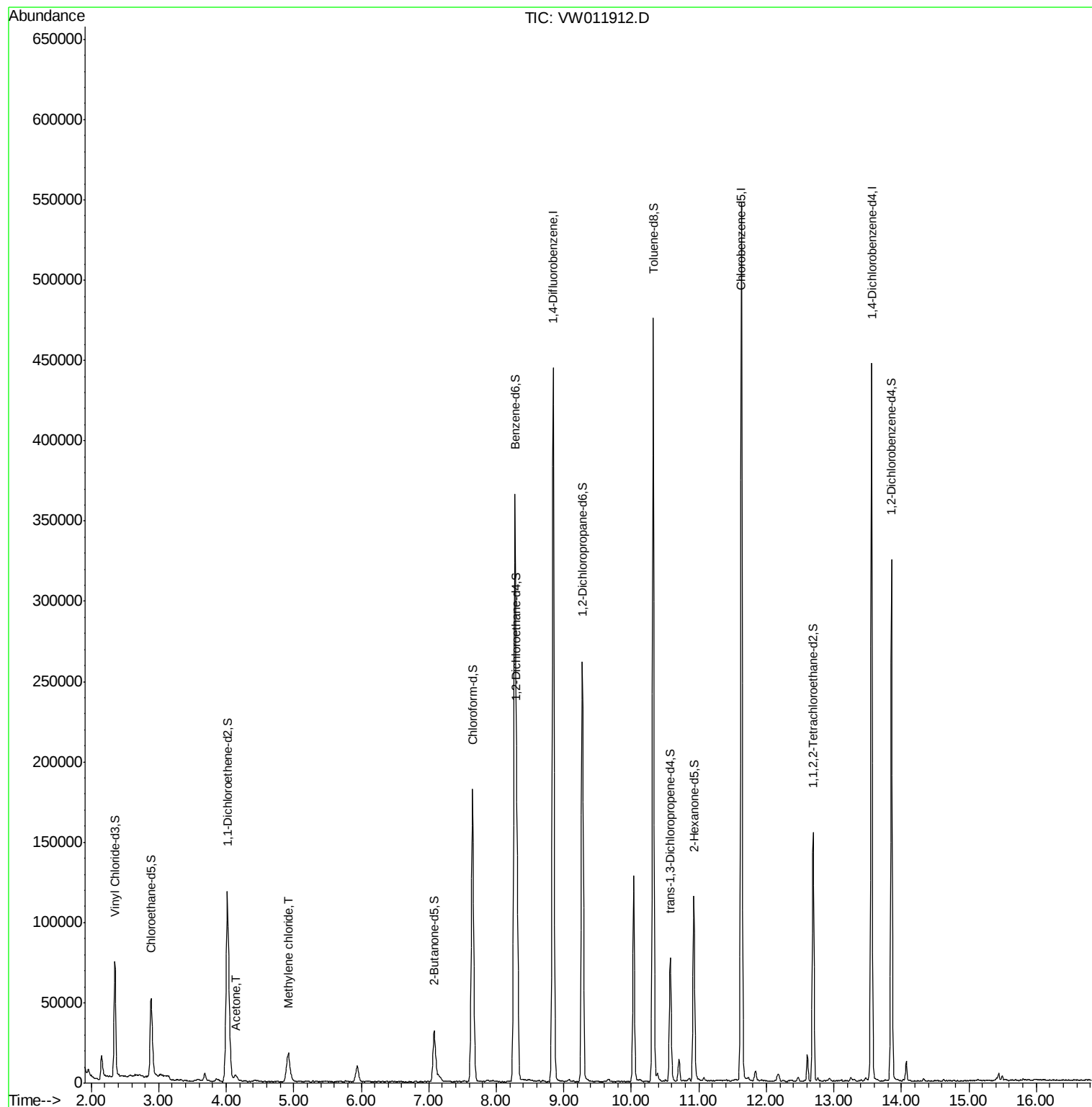
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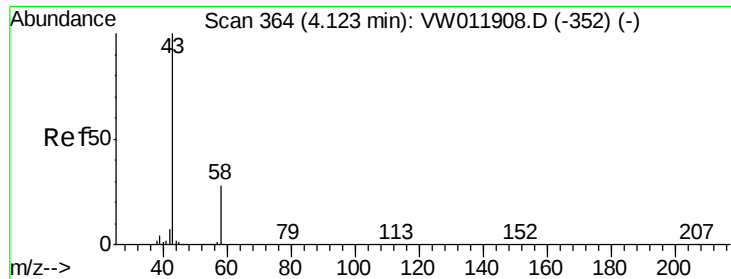
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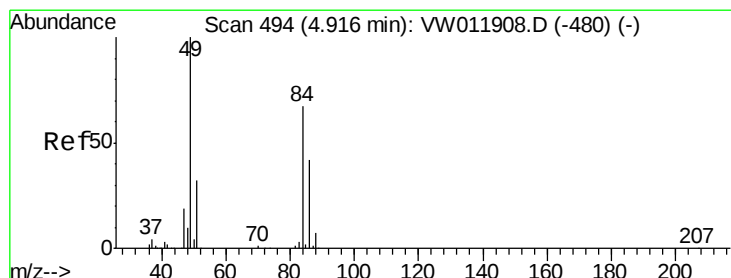
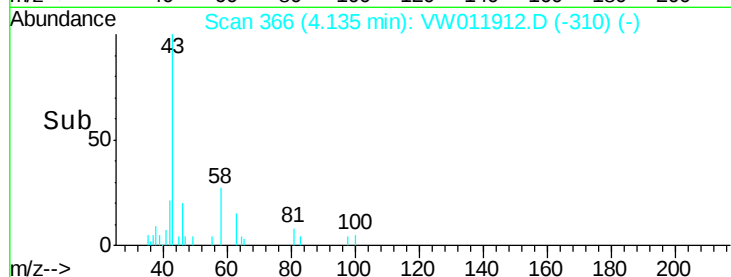
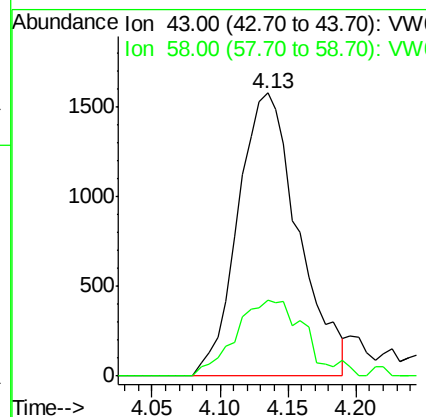
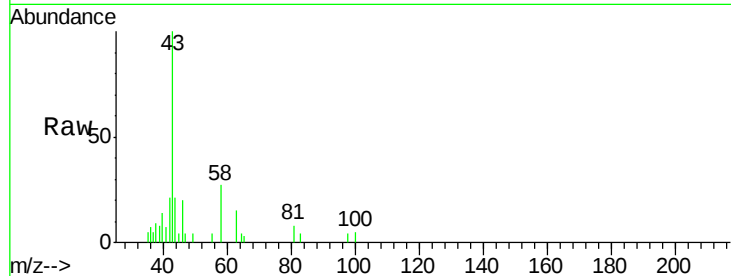
#13
Acetone
Concen: 2.090 ug/L
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW011912.D
Acq: 14 Aug 2019 11:36

Instrument :
MSVOA_W
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Tot Ion: 43 Resp: 4900
Ion Ratio Lower Upper
43 100
58 23.9 0.0 53.4

Manual Integrations
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#16
Methylene chloride
Concen: 2.489 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011912.D
Acq: 14 Aug 2019 11:36

Tgt Ion: 84 Resp: 13413
Ion Ratio Lower Upper
84 100
49 135.4 106.8 198.4
86 54.5 42.8 79.4

