

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014301.D
 Acq On : 11 Dec 2019 14:09
 Operator : SY/VA
 Sample : K6236-01
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFET8

Manual Integrations
 APPROVED

apatel
 12/12/2019 4:21:04 PM

Quant Time: Dec 12 05:48:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1081051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	991189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	423248	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	372617	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
7) Chloroethane-d5	2.89	69	292727	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
10) 1,1-Dichloroethene-d2	4.01	63	507101	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.07	46	191462	44.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.64	84	656834	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.30	65	358229m	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	1379122	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	430705	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.32	98	1222149	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	168344	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.92	63	149207	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	332690	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	393048	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds					Ovalue
13) Acetone	4.12	43	20404	4.961 ug/L	69
16) Methylene chloride	4.92	84	26450	1.596 ug/L	97

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

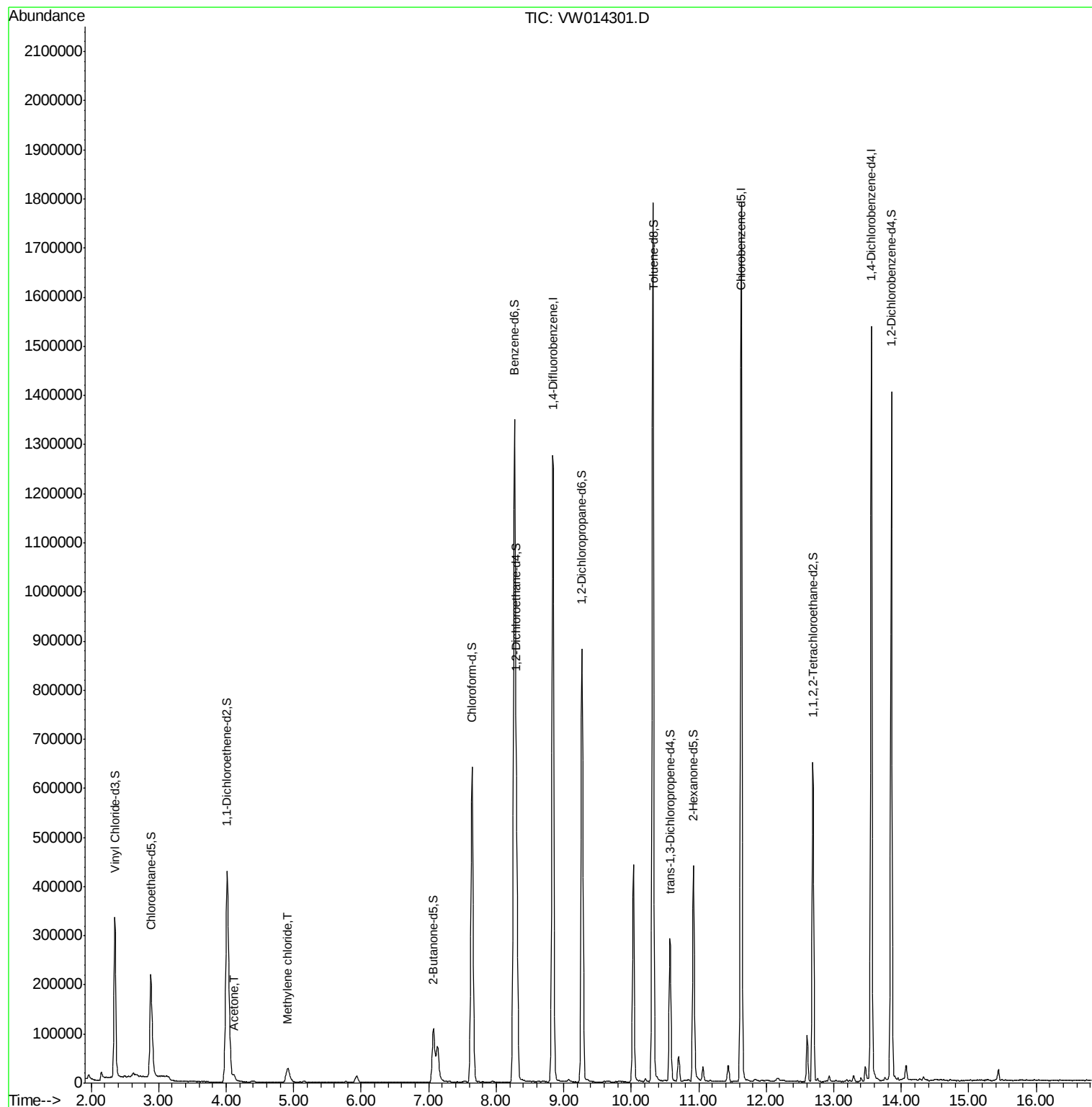
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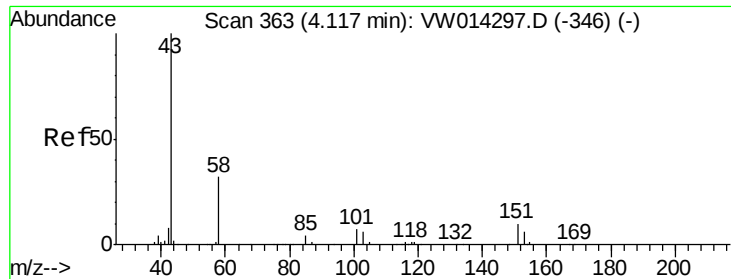
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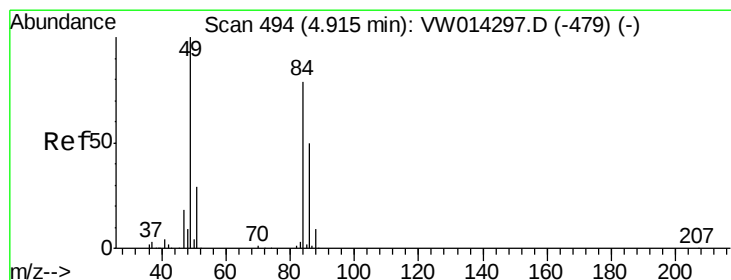
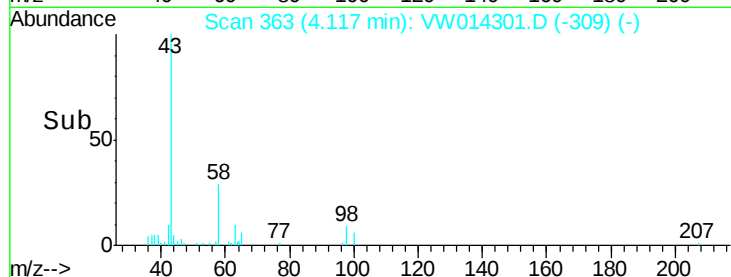
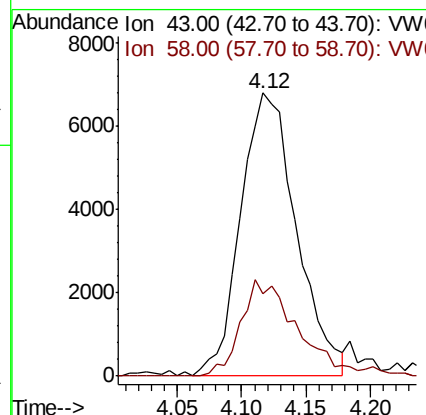
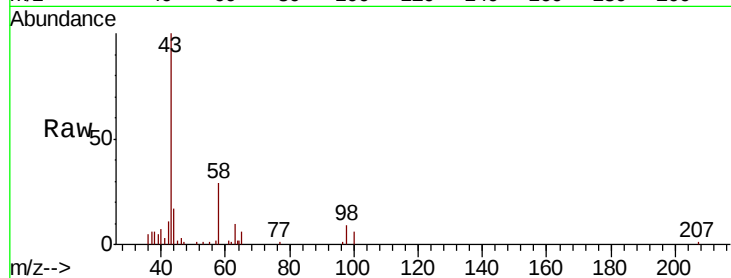
#13
Acetone
Concen: 4.961 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014301.D
Acq: 11 Dec 2019 14:09

Instrument :
MSVOA_W
ClientSampled :
BFET8

Tot Ion	43	Resp	20404
Ion Ratio	Lower	Upper	
43	100		
58	15.1	0.0	65.4

Manual Integrations
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#16
Methylene chloride
Concen: 1.596 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014301.D
Acq: 11 Dec 2019 14:09

Tgt Ion	84	Resp	26450
Ion Ratio	Lower	Upper	
84	100		
49	124.0	84.2	156.4
86	60.7	43.7	81.1

