

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014428.D
 Acq On : 18 Dec 2019 13:14
 Operator : SY/VA
 Sample : K6257-09
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFF00

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 2:01:17 PM

Quant Time: Dec 19 01:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1180657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1086602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	450305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	329522	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
7) Chloroethane-d5	2.88	69	285942	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.01	63	494993	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.07	46	190547	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
24) Chloroform-d	7.65	84	721531	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.30	65	376167	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	1458619	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.27	67	459442	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
37) Toluene-d8	10.32	98	1283831	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	10.58	79	169959	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.92	63	146148	37.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	335555	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	435255	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds					Ovalue
13) Acetone	4.12	43	17368	3.867 ug/L	99
16) Methylene chloride	4.92	84	29360m	1.622 ug/L	

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

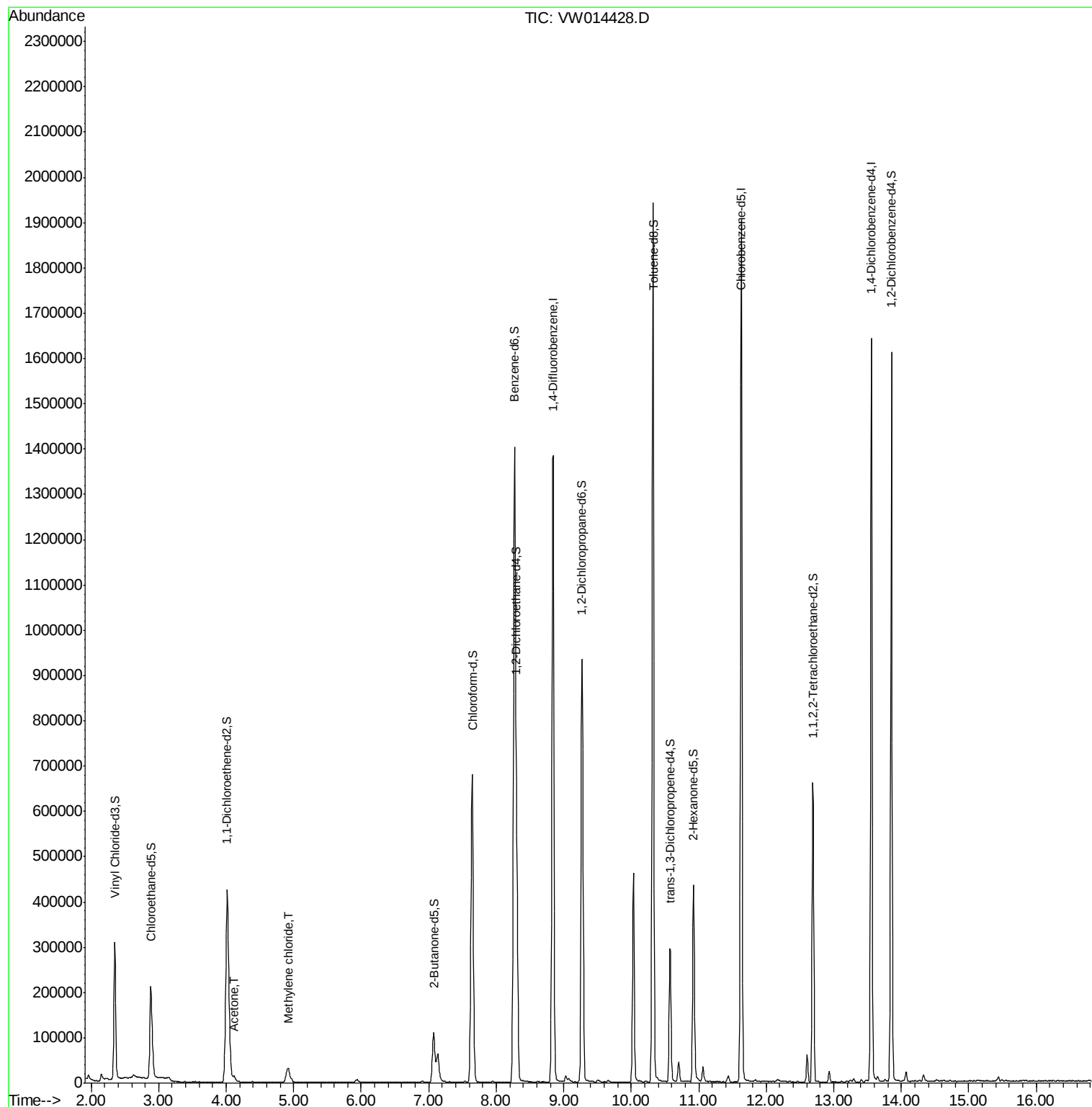
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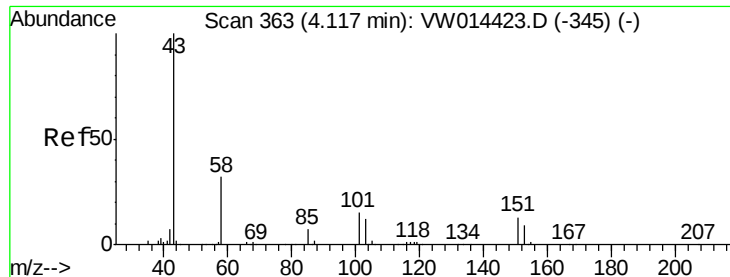
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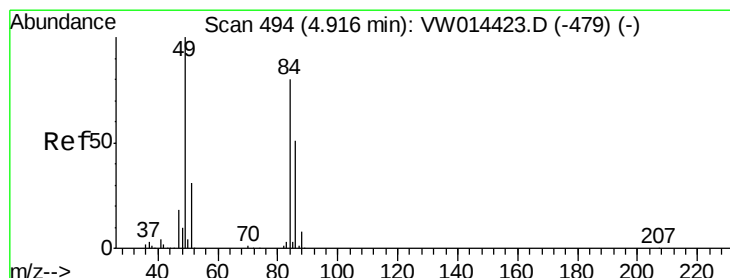
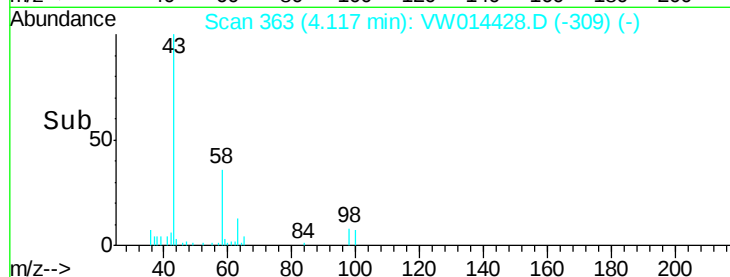
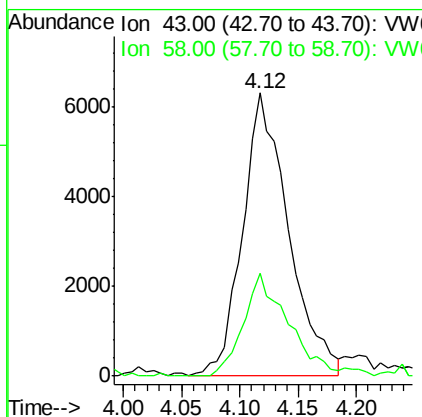
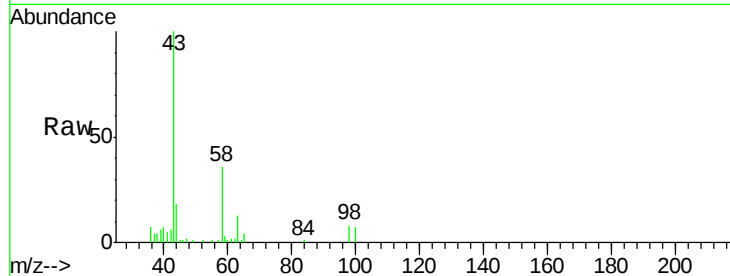
#13
Acetone
Concen: 3.867 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014428.D
Acq: 18 Dec 2019 13:14

Instrument :
MSVOA_W
ClientSampled :
BFF00

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	65.4

Manual Integrations
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12/19/2019 2:01:17 PM



#16
Methylene chloride
Concen: 1.622 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014428.D
Acq: 18 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	84.2	156.4
86	60.6	43.7	81.1

