

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014278.D
 Acq On : 10 Dec 2019 13:38
 Operator : SY/VA
 Sample : K6171-13
 Misc : 4.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BX0

Manual Integrations
 APPROVED

MMDadoda
 12/11/2019 12:55:17 PM

Quant Time: Dec 11 04:28:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1102529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	894769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	290174	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	347896	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	276883	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.02	63	464201	15.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	7.07	46	186139	42.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.56%
24) Chloroform-d	7.64	84	641905	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.30	65	338654m	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.27	84	1330714	25.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.52%
33) 1,2-Dichloropropane-d6	9.27	67	431152	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	1113691	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	10.57	79	138964	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.92	63	136470	42.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	295080	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	274549	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds					Ovalue
13) Acetone	4.12	43	62944	15.006 ug/L	100
21) 2-Butanone	7.18	43	22880	4.063 ug/L	74

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

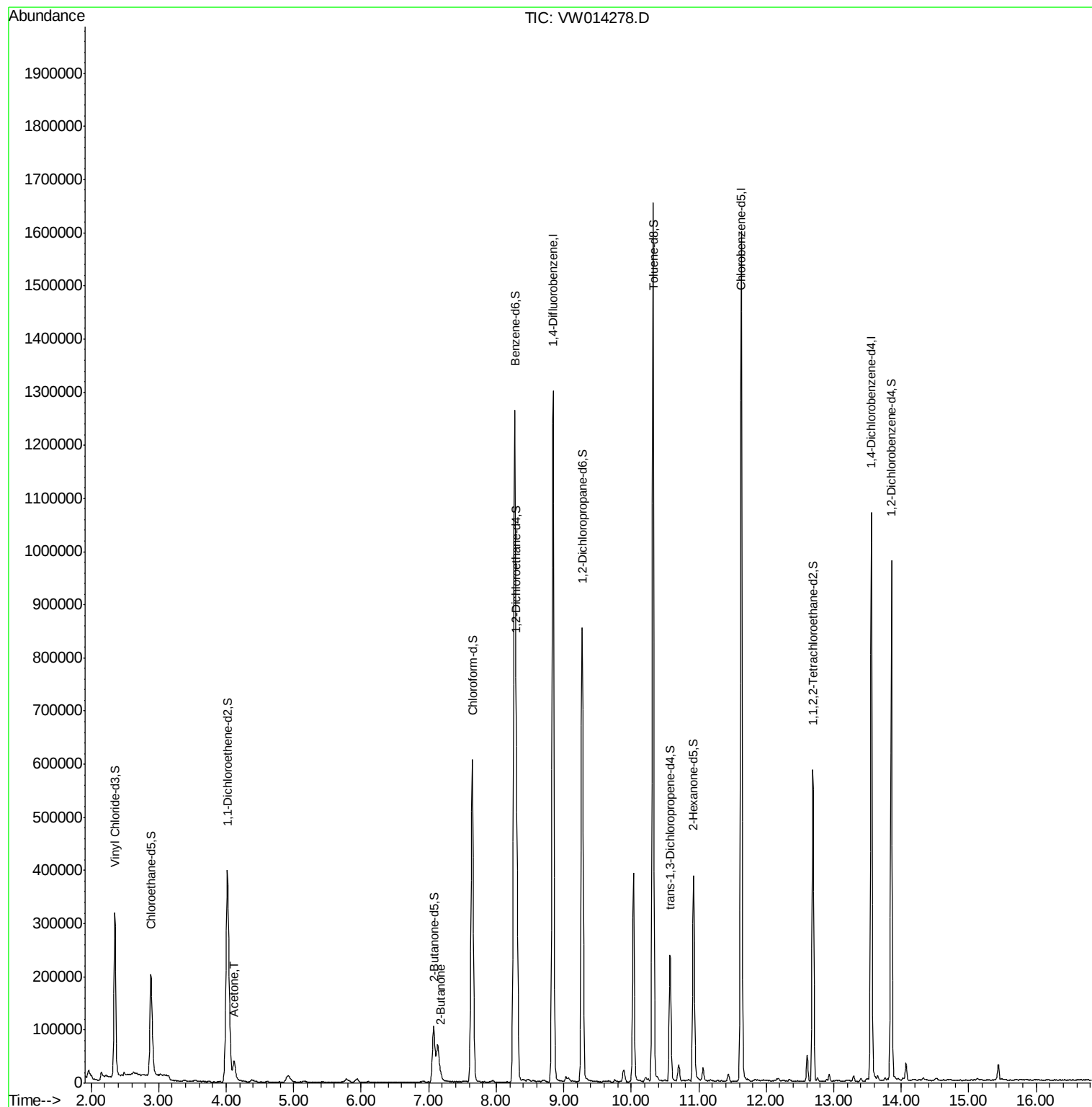
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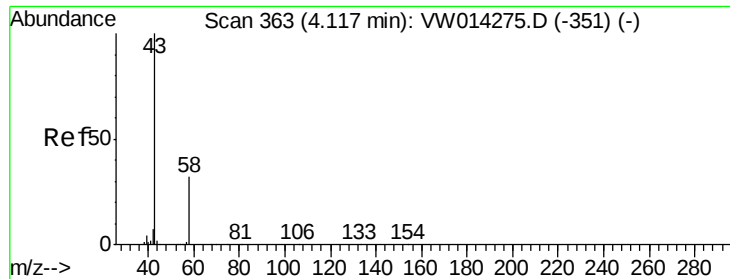
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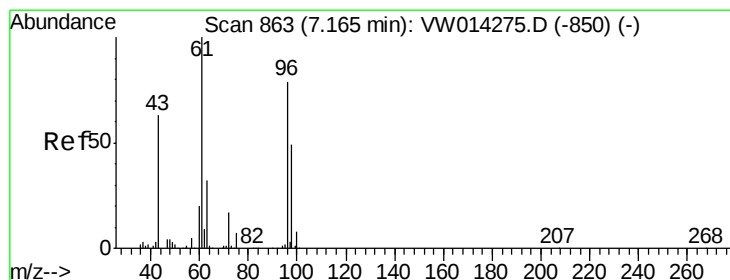
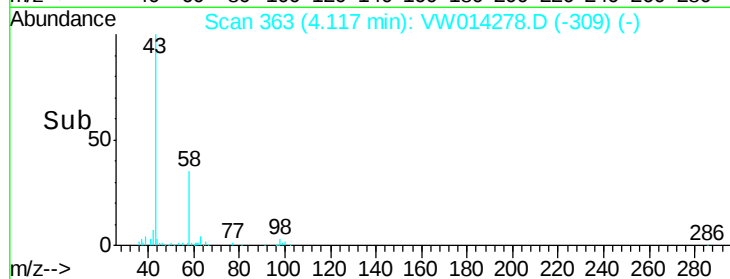
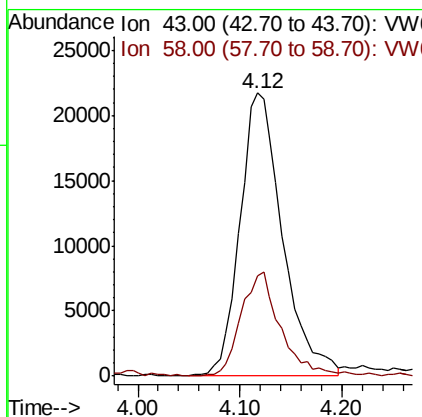
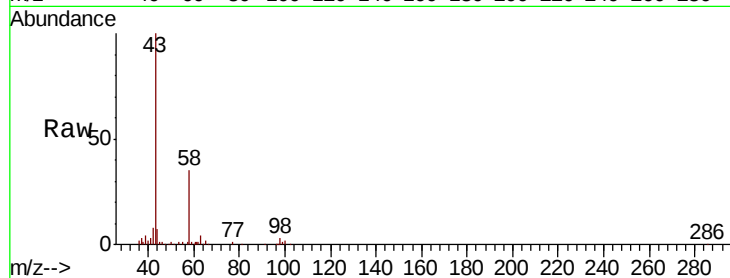
#13
Acetone
Concen: 15.006 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014278.D
Acq: 10 Dec 2019 13:38

Instrument :
MSVOA_W
ClientSampled :
C0BX0

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	65.4

Manual Integrations
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#21
2-Butanone
Concen: 4.063 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW014278.D
Acq: 10 Dec 2019 13:38

Tgt Ion	Ratio	Lower	Upper
43	100		
72	14.6	14.1	42.2

