

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014418.D
 Acq On : 18 Dec 2019 03:05
 Operator : SY/VA
 Sample : K6257-06
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW6

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:39:47 PM

Quant Time: Dec 18 05:36:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	861931	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	763011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	266353	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	259289	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	224400	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
10) 1,1-Dichloroethene-d2	4.02	63	370498	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.07	46	133771	39.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.66%
24) Chloroform-d	7.65	84	564364	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.30	65	298857m	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.27	84	1099376	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.27	67	362212	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.32%
37) Toluene-d8	10.32	98	922862	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.57	79	120142	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	10.92	63	94074	34.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	256030	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	255011	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	16910	5.157 ug/L	68
16) Methylene chloride	4.92	84	29136	2.205 ug/L	97

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

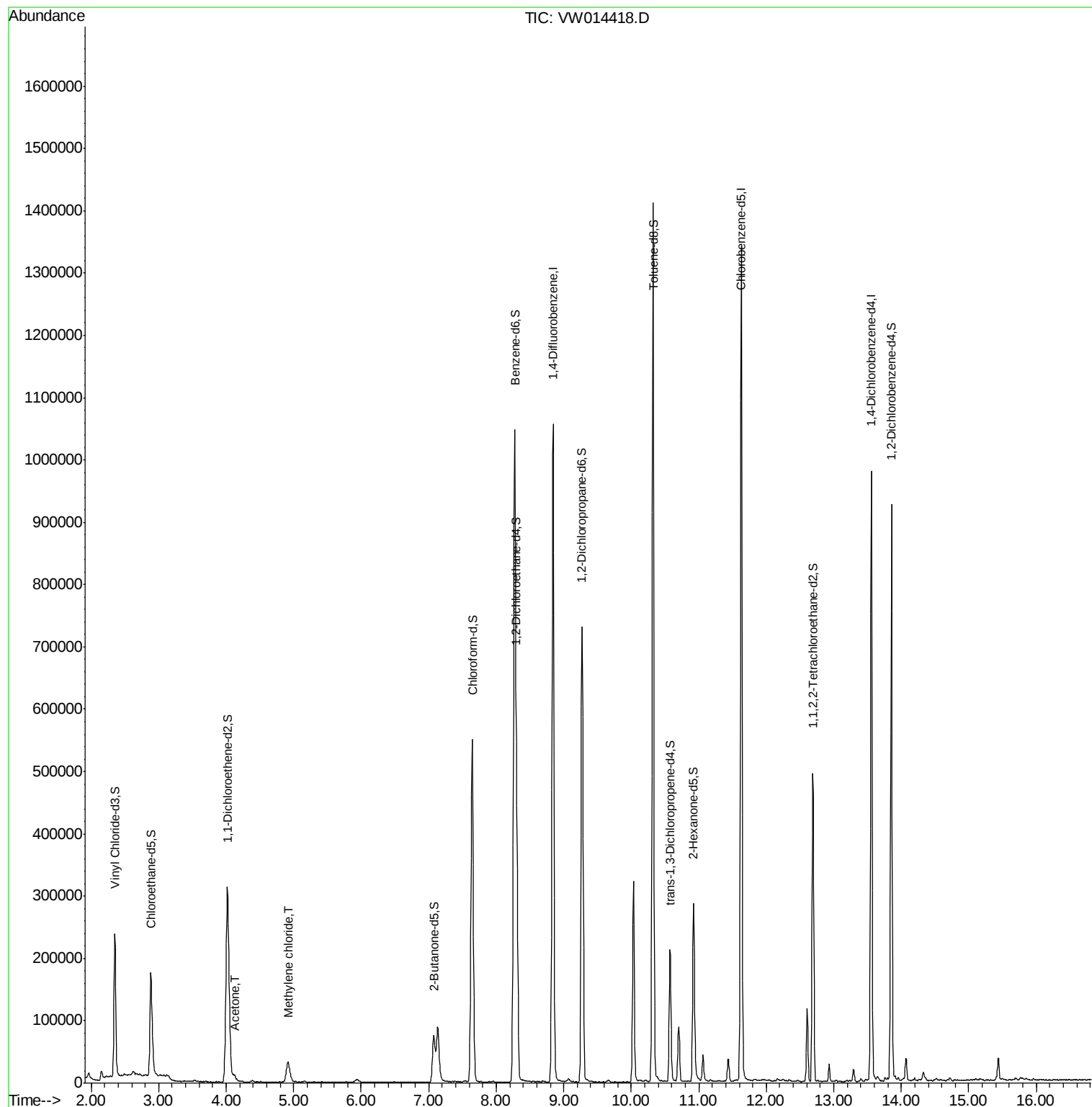
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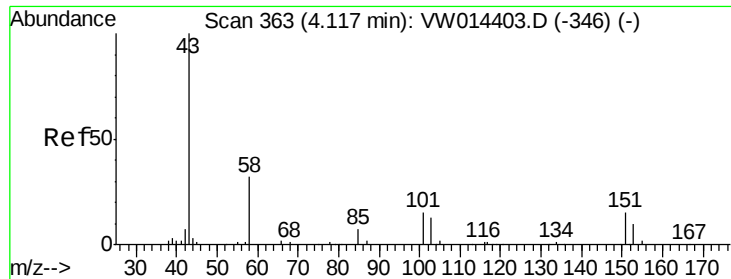
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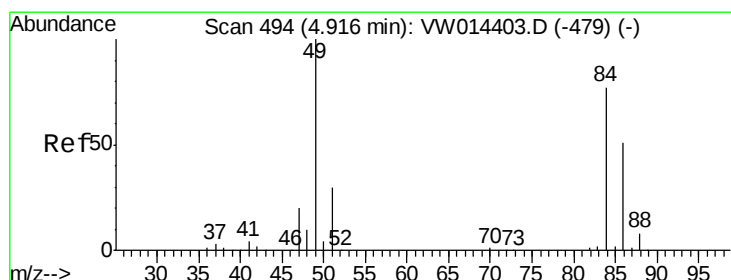
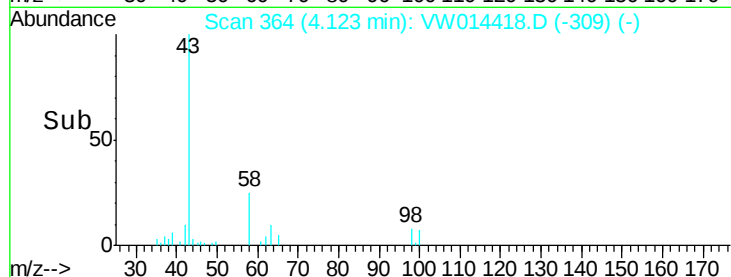
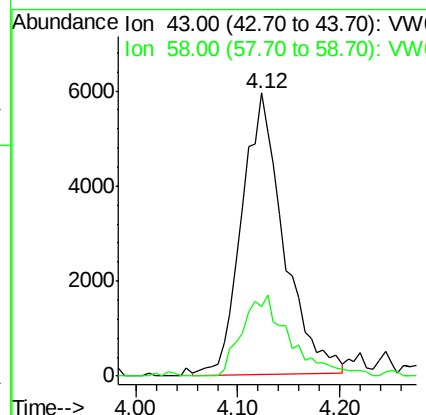
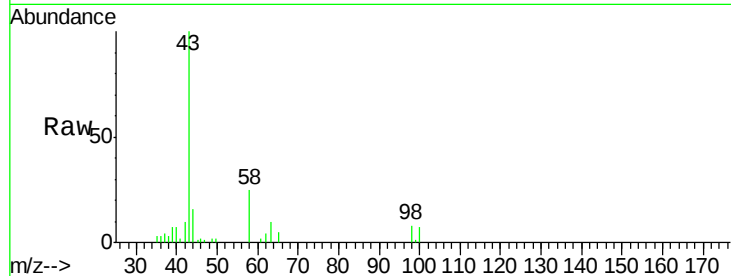
#13
Acetone
Concen: 5.157 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014418.D
Acq: 18 Dec 2019 03:05

Instrument :
MSVOA_W
ClientSampled :
BFEW6

Tot Ion: 43 Resp: 16910
Ion Ratio Lower Upper
43 100
58 14.5 0.0 65.4

Manual Integrations
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#16
Methylene chloride
Concen: 2.205 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014418.D
Acq: 18 Dec 2019 03:05

Tgt Ion: 84 Resp: 29136
Ion Ratio Lower Upper
84 100
49 118.6 84.2 156.4
86 57.3 43.7 81.1

