

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014309.D
 Acq On : 11 Dec 2019 17:40
 Operator : SY/VA
 Sample : K6172-14RE
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C06RE

Manual Integrations
 APPROVED

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 12/12/2019 4:21:24 PM

Quant Time: Dec 12 06:20:32 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	1089165	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	797433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	179969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	373461	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	2.89	69	298008	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
10) 1,1-Dichloroethene-d2	4.02	63	494547m	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.07	46	175106	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
24) Chloroform-d	7.65	84	698726	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.30	65	340380	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	1431987	30.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.56%
33) 1,2-Dichloropropane-d6	9.27	67	463965	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.08%#
37) Toluene-d8	10.32	98	1122289	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.24%
38) trans-1,3-Dichloropropene-	10.57	79	107141	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.92	63	123097	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	304517	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	238373	34.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.64%#

Target Compounds					Ovalue
13) Acetone	4.12	43	26777	6.462 ug/L	96
16) Methylene chloride	4.91	84	28014	1.678 ug/L	87

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

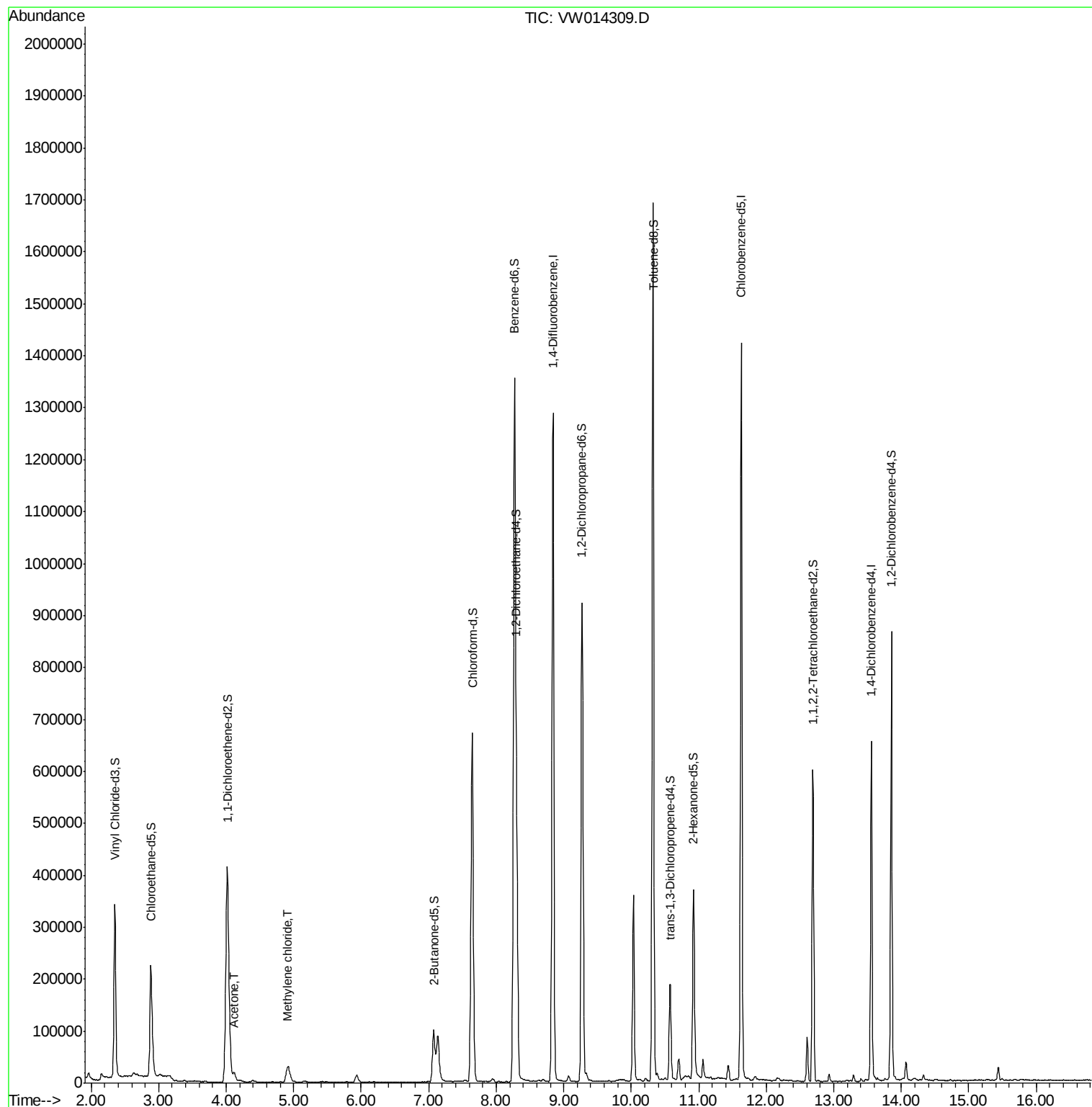
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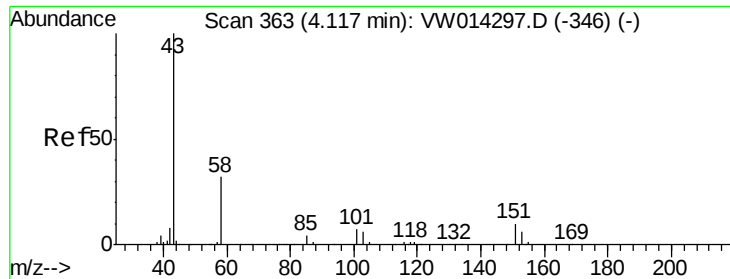
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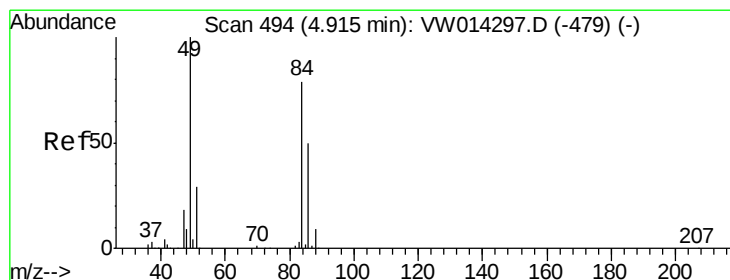
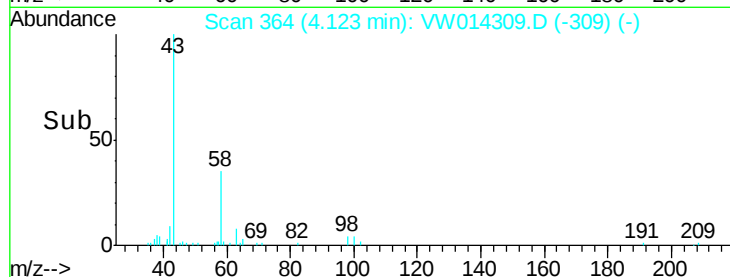
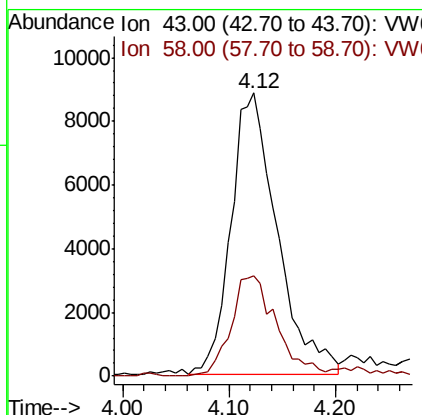
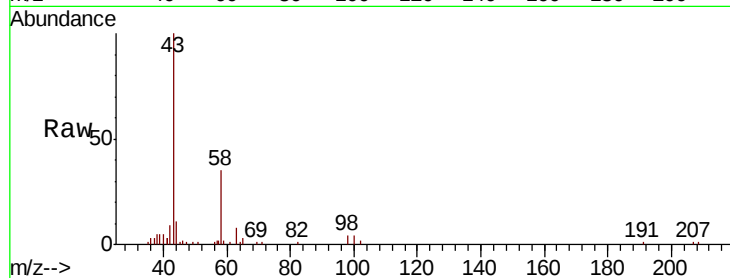
#13
Acetone
Concen: 6.462 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014309.D
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Instrument :
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Tot Ion: 43 Resp: 26777
Ion Ratio Lower Upper
43 100
58 35.0 0.0 65.4

Manual Integrations
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#16
Methylene chloride
Concen: 1.678 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014309.D
Acq: 11 Dec 2019 17:40

Tgt Ion: 84 Resp: 28014
Ion Ratio Lower Upper
84 100
49 139.3 84.2 156.4
86 57.4 43.7 81.1

