

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014945.D
 Acq On : 10 Feb 2020 16:19
 Operator : SY/VA
 Sample : L1416-02
 Misc : 4.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S30

Manual Integrations
 APPROVED

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 2/11/2020 6:10:25 PM

Quant Time: Feb 11 01:29:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	762436	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	725796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	231406	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	2.89	69	229213	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
10) 1,1-Dichloroethene-d2	4.02	63	367403	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	7.07	46	174324	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
24) Chloroform-d	7.65	84	563877	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	8.30	65	327443m	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.32%
29) Benzene-d6	8.27	84	1065386	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	387514	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.92%
37) Toluene-d8	10.32	98	892534	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.58	79	122310	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.44%
39) 2-Hexanone-d5	10.92	63	120423	43.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	274579	23.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	267655	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	21181	5.793 ug/L	99
16) Methylene chloride	4.92	84	22036	1.586 ug/L	98

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

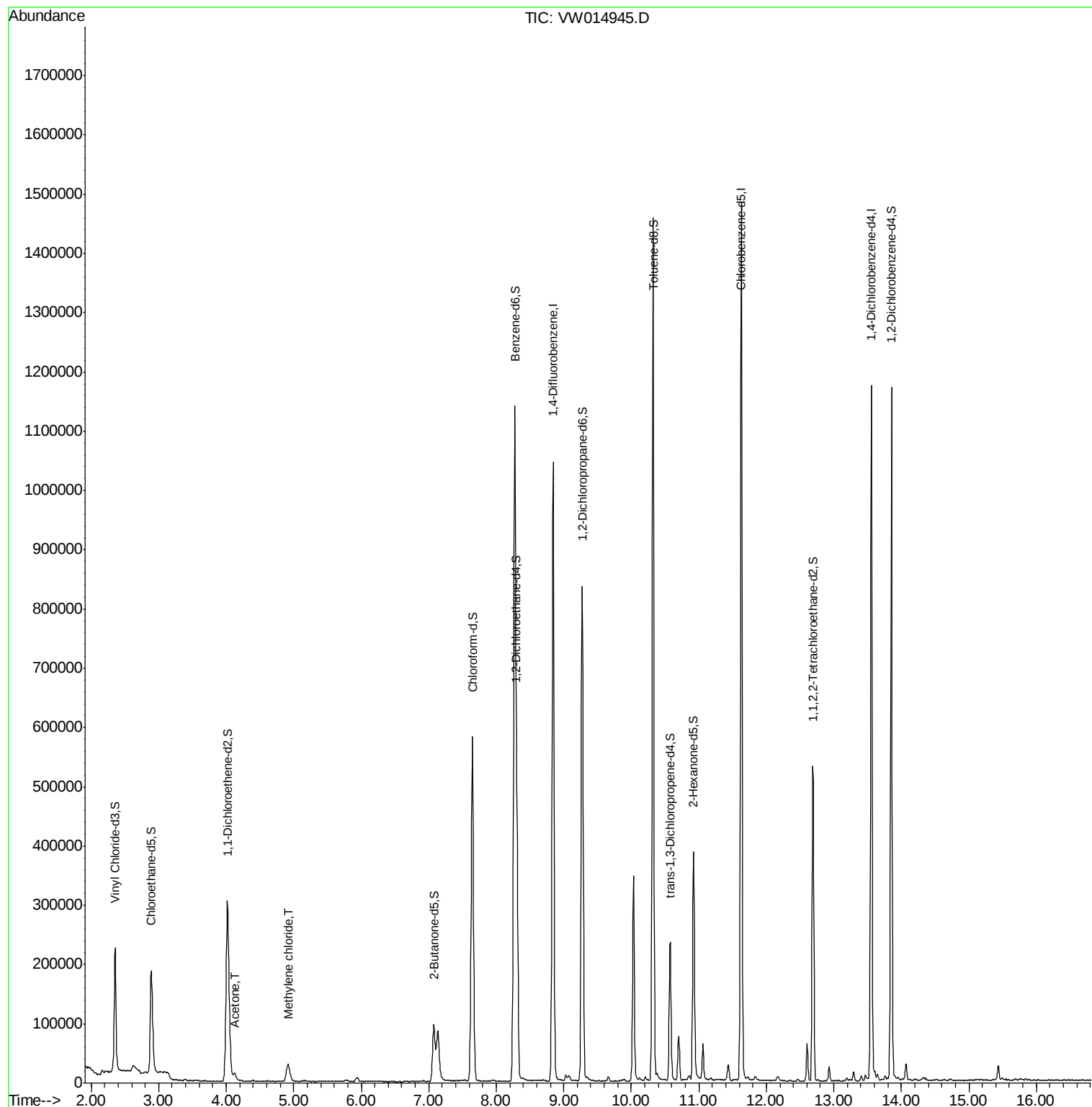
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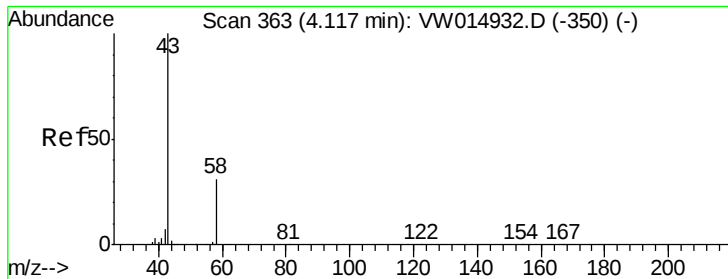
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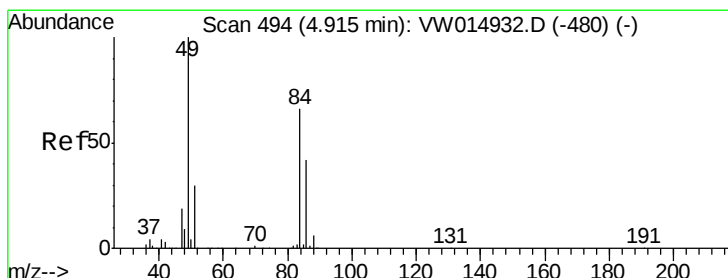
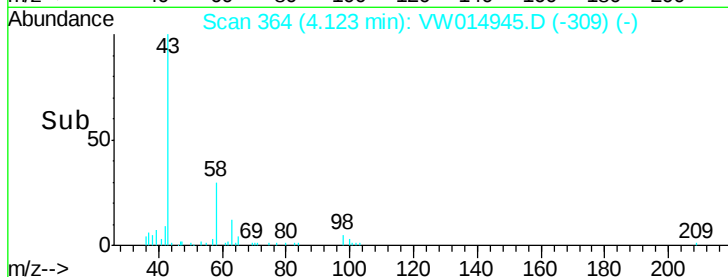
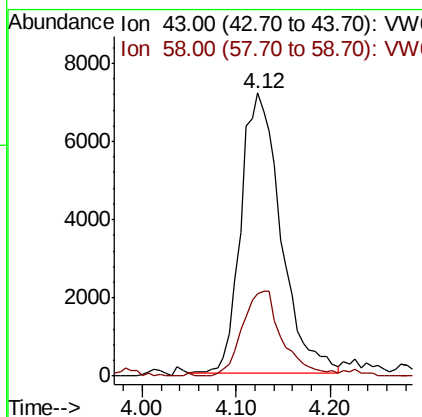
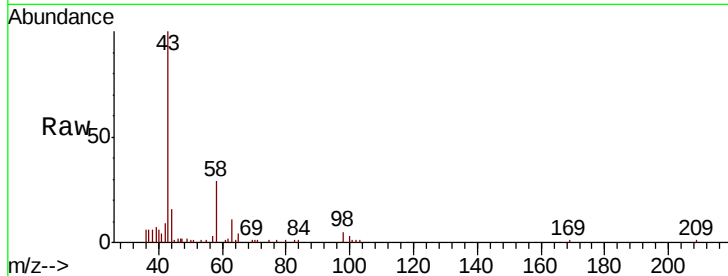
#13
Acetone
Concen: 5.793 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014945.D
Acq: 10 Feb 2020 16:19

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	60.4

Manual Integrations
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#16
Methylene chloride
Concen: 1.586 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014945.D
Acq: 10 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.4	95.8	177.8
86	61.5	44.2	82.2

