

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009505.D
 Acq On : 27 Mar 2019 16:12
 Operator : SY/VA
 Sample : K2068-08
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC98

Manual Integrations
 APPROVED

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 3/28/2019 2:47:47 PM

Quant Time: Mar 28 07:04:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337728	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78954	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
7) Chloroethane-d5	2.89	69	88774	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
10) 1,1-Dichloroethene-d2	4.01	63	130544	14.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.44%
20) 2-Butanone-d5	7.07	46	68536	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
24) Chloroform-d	7.64	84	220216	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.31	65	127956	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	8.27	84	373211	20.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.16%
33) 1,2-Dichloropropane-d6	9.27	67	123072	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.00%
37) Toluene-d8	10.32	98	316362	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.48%
38) trans-1,3-Dichloropropene-	10.58	79	50231	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.92	63	44236	32.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113504	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	122461	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	14565	10.212 ug/L	94
16) Methylene chloride	4.91	84	31788m	6.194 ug/L	
21) 2-Butanone	7.18	43	4083m	2.073 ug/L	

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

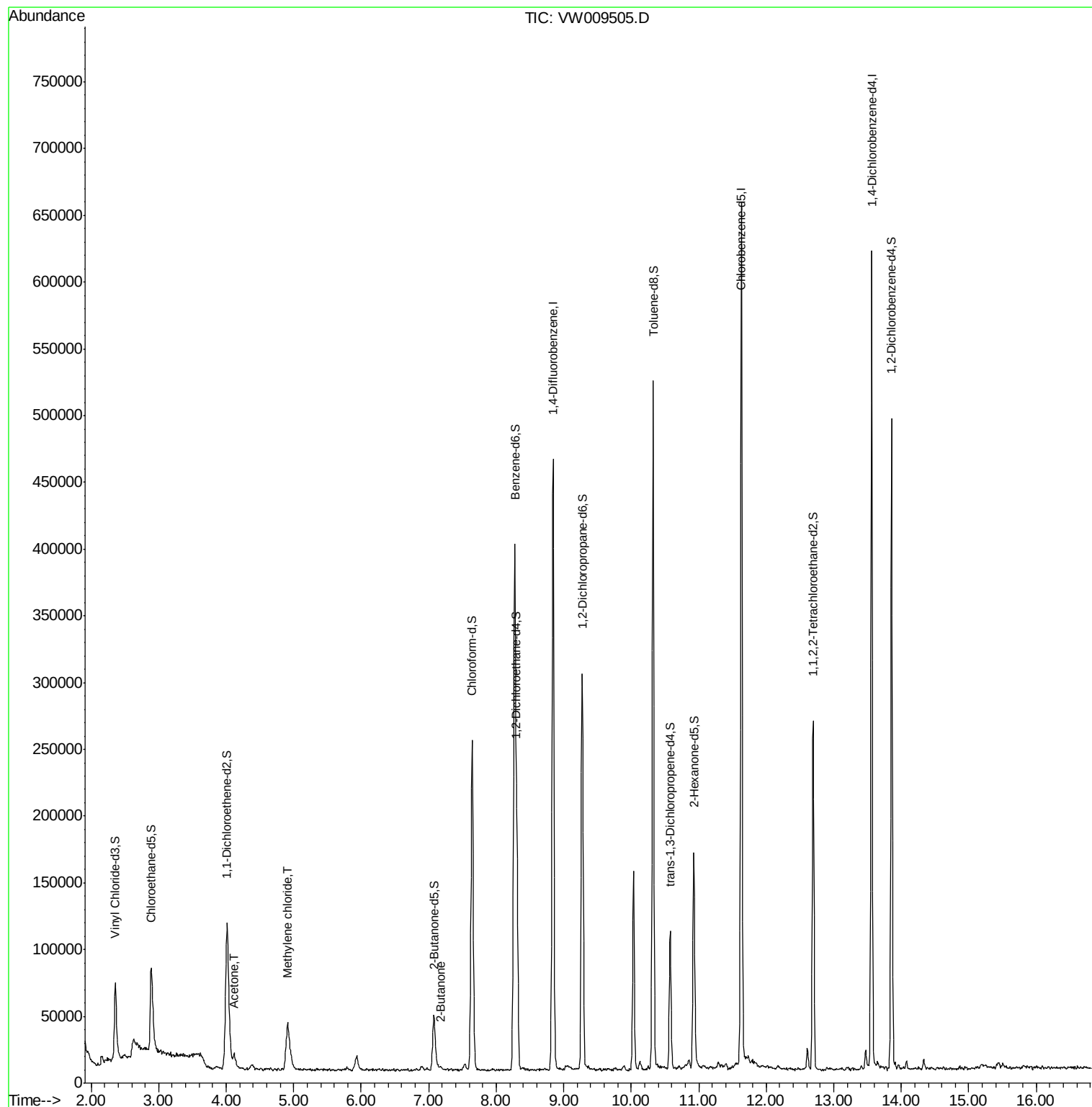
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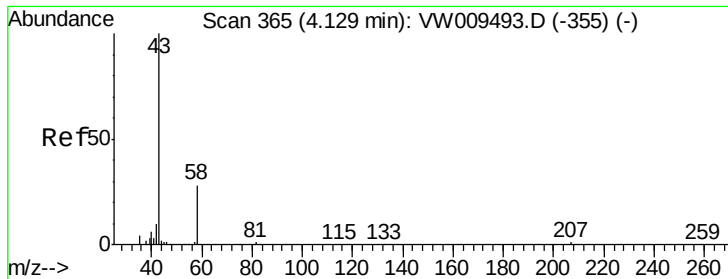
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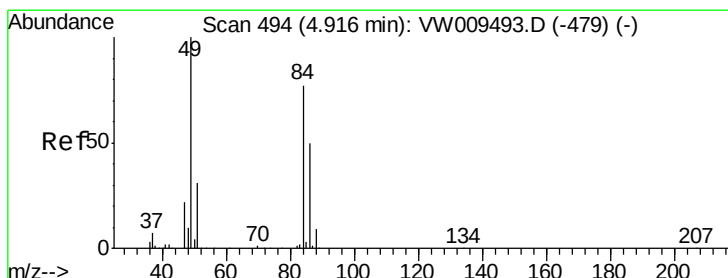
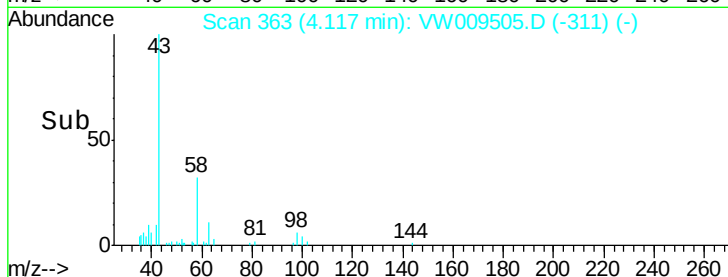
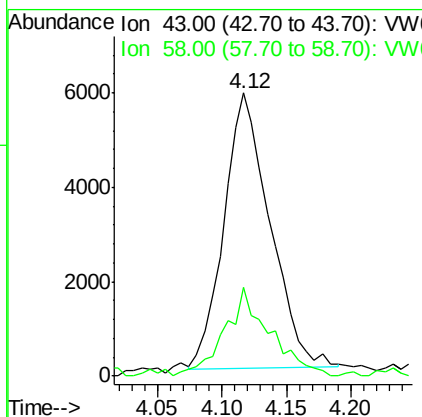
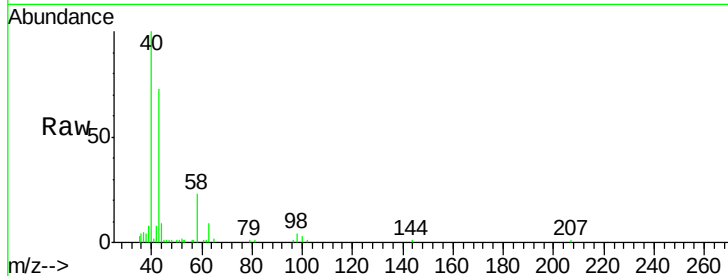
#13
Acetone
Concen: 10.212 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009505.D
Acq: 27 Mar 2019 16:12

Instrument :
MSVOA_W
ClientSampleId :
BFC98

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	56.2

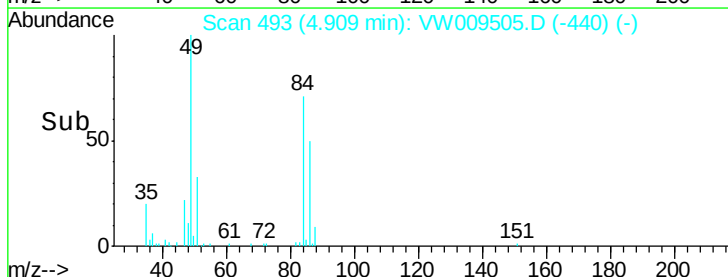
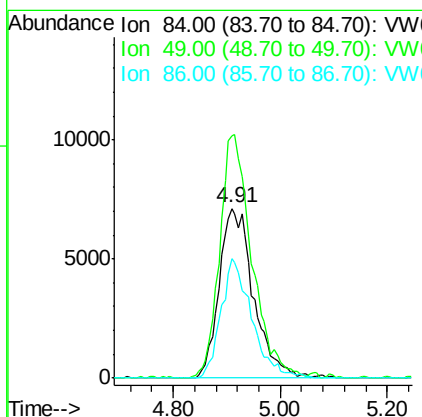
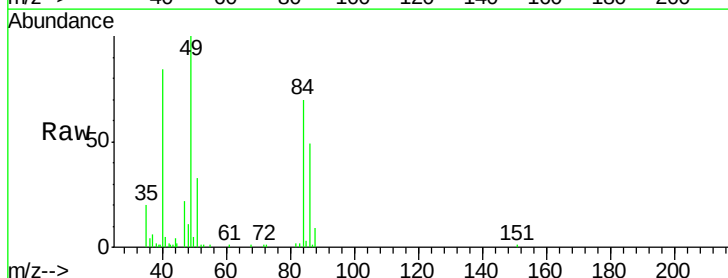
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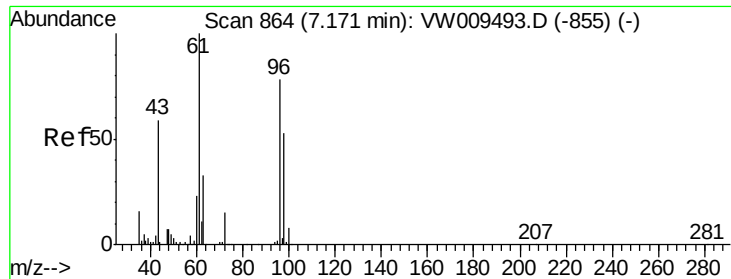
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#16
Methylene chloride
Concen: 6.194 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009505.D
Acq: 27 Mar 2019 16:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.6	96.0	178.2
86	70.2	44.4	82.5





#21
 2-Butanone
 Concen: 2.073 ug/L m
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW009505.D
 Acq: 27 Mar 2019 16:12

Instrument :
 MSVOA_W
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Tot Ion: 43 Resp: 4083
 Ion Ratio Lower Upper
 43 100
 72 6.1 13.1 39.1#

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