

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009504.D
 Acq On : 27 Mar 2019 15:45
 Operator : SY/VA
 Sample : K2068-05
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M7

Manual Integrations
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 4/12/2019 8:31:13 AM

Quant Time: Mar 28 06:56:12 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	342663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72561	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	2.89	69	90954	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	4.01	63	122741	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	7.08	46	50313	29.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.42%
24) Chloroform-d	7.65	84	200324	21.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	8.31	65	120423	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.52%
29) Benzene-d6	8.27	84	343032	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.27	67	114325	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	281490	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.36%
38) trans-1,3-Dichloropropene-	10.58	79	39351	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.72%
39) 2-Hexanone-d5	10.93	63	34447	28.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99505	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	86366	19.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.32%

Target Compounds					Ovalue
13) Acetone	4.13	43	10845	7.809 ug/L	95
16) Methylene chloride	4.92	84	31795m	6.363 ug/L	
21) 2-Butanone	7.15	43	12718m	6.633 ug/L	

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

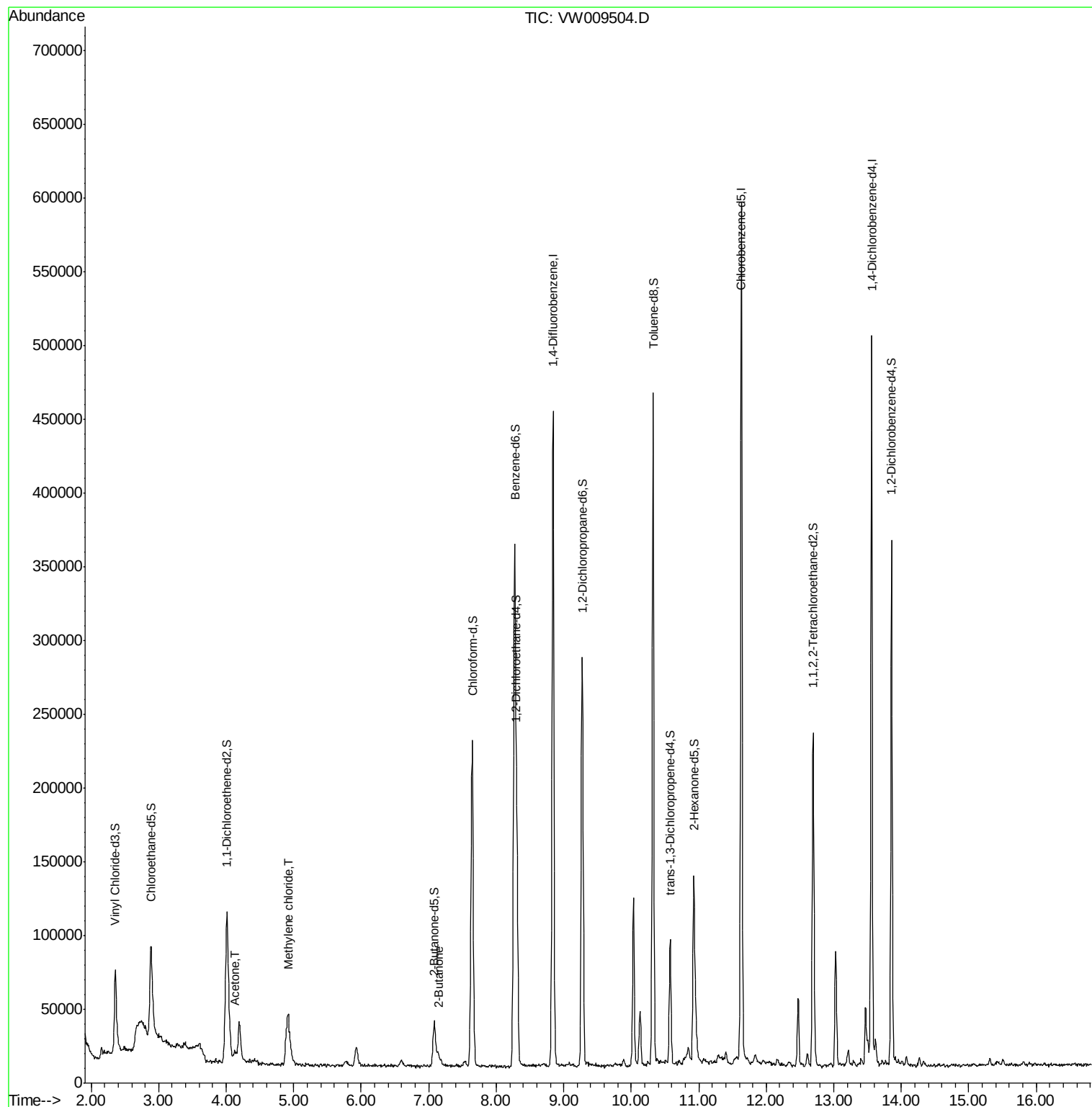
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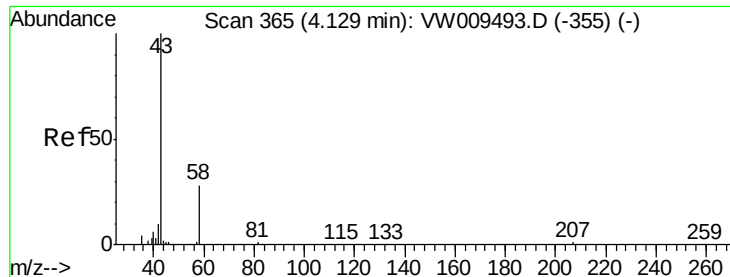
Instrument :
MSVOA_W
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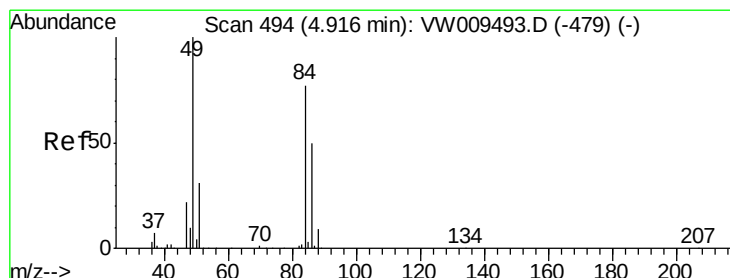
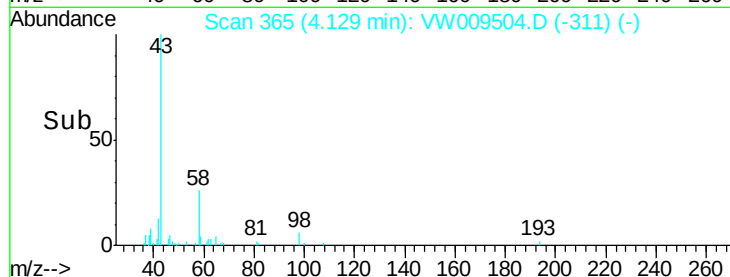
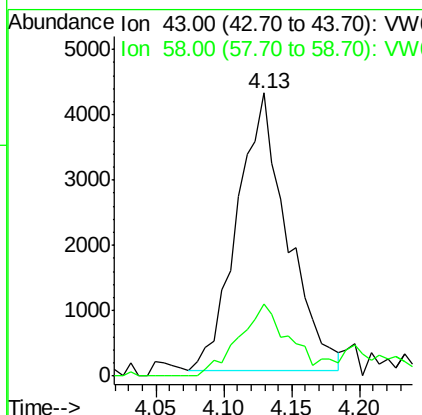
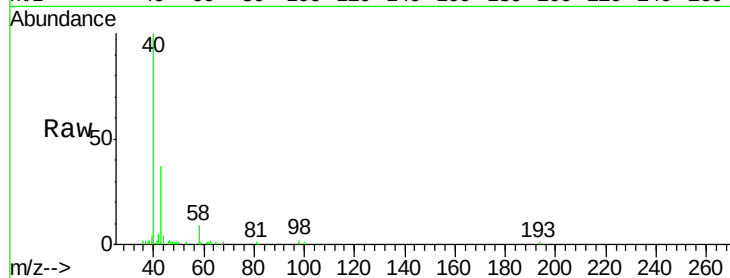
#13
Acetone
Concen: 7.809 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW009504.D
Acq: 27 Mar 2019 15:45

Instrument :
MSVOA_W
ClientSampled :
BF5M7

Tot Ion	43	Resp	10845
Ion Ratio	100	Lower	Upper
58	25.5	0.0	56.2

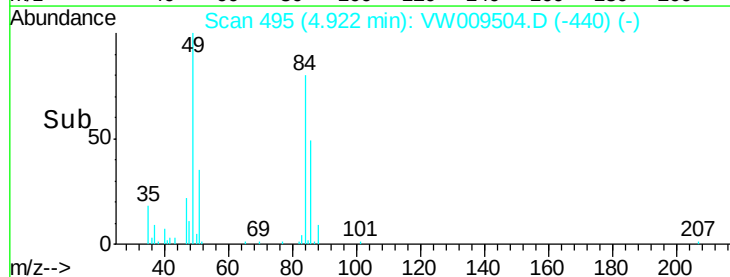
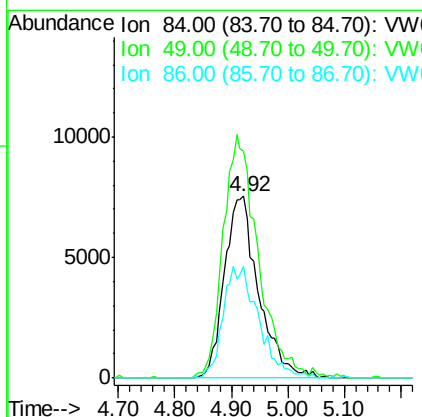
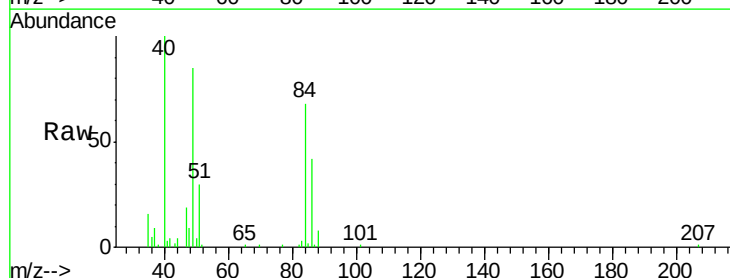
Manual Integrations
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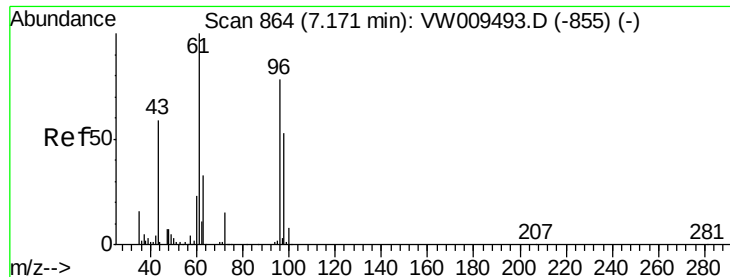
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#16
Methylene chloride
Concen: 6.363 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009504.D
Acq: 27 Mar 2019 15:45

Tgt Ion	84	Resp	31795
Ion Ratio	100	Lower	Upper
49	125.1	96.0	178.2
86	61.7	44.4	82.5





#21
 2-Butanone
 Concen: 6.633 ug/L m
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW009504.D
 Acq: 27 Mar 2019 15:45

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M7

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.4	13.1	39.1#

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