

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009517.D
 Acq On : 27 Mar 2019 23:38
 Operator : SY/VA
 Sample : K2068-11
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K7

Manual Integrations
 APPROVED

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 4/12/2019 8:31:23 AM

Quant Time: Mar 28 08:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357628	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75202	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
7) Chloroethane-d5	2.89	69	87903	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.32%
10) 1,1-Dichloroethene-d2	4.01	63	127397m	13.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.16%
20) 2-Butanone-d5	7.07	46	81518	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
24) Chloroform-d	7.64	84	233720	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.30	65	142732m	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	8.27	84	390906	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.27	67	133397	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	320338	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.64%
38) trans-1,3-Dichloropropene-	10.57	79	50238	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	52492	40.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129503	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	110053	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds					Ovalue
13) Acetone	4.12	43	35640	24.590 ug/L	95
16) Methylene chloride	4.91	84	24921m	4.779 ug/L	
21) 2-Butanone	7.18	43	11267	5.630 ug/L	90
44) Toluene	10.39	91	20162	1.041 ug/L	90

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

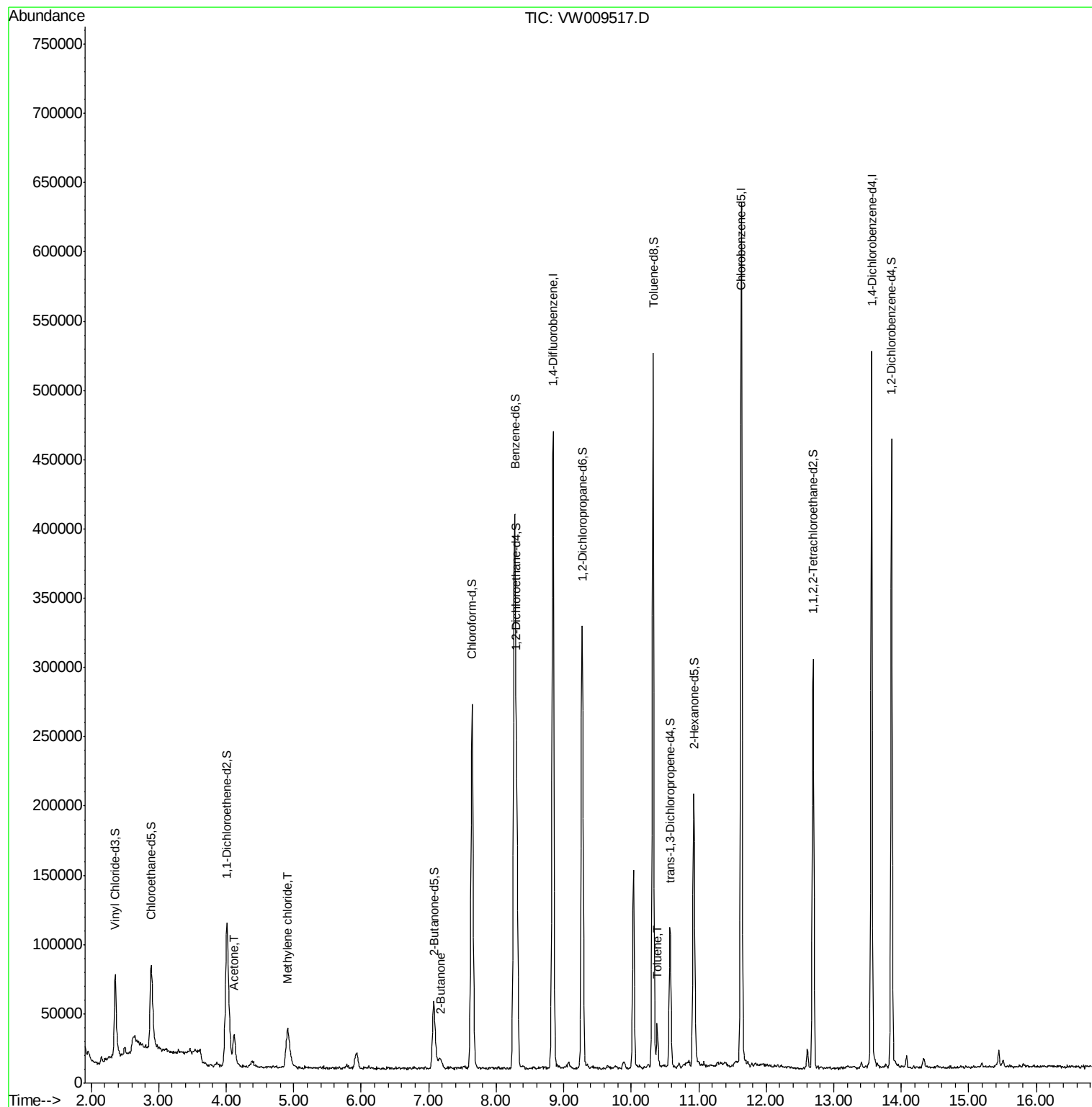
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
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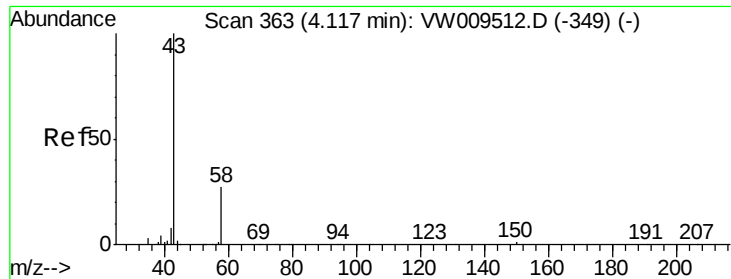
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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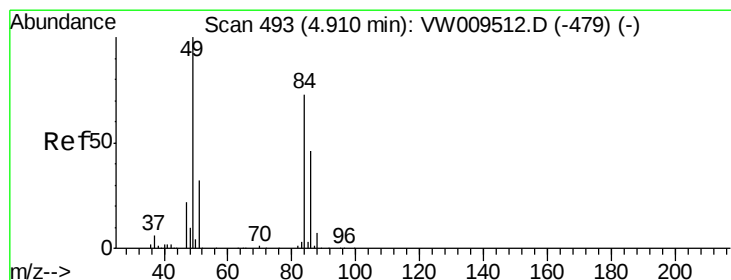
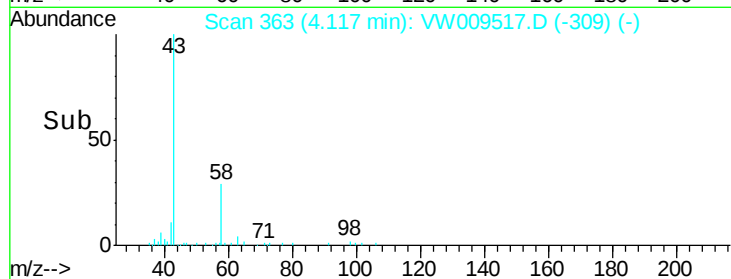
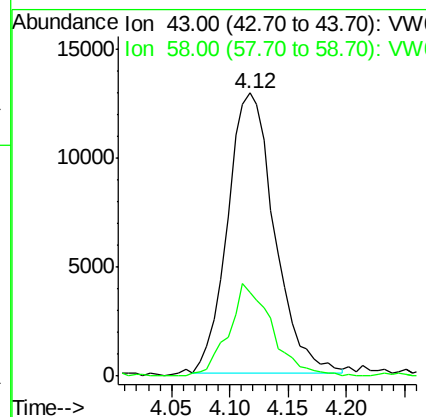
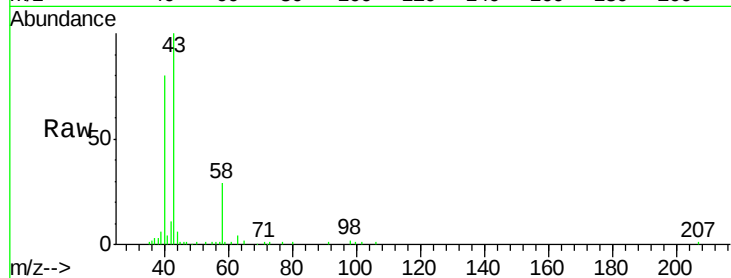
#13
Acetone
Concen: 24.590 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009517.D
Acq: 27 Mar 2019 23:38

Instrument :
MSVOA_W
ClientSampled :
BF5K7

Tot Ion	43	Resp	35640
Ion Ratio	Lower	Upper	
43	100		
58	30.7	0.0	56.2

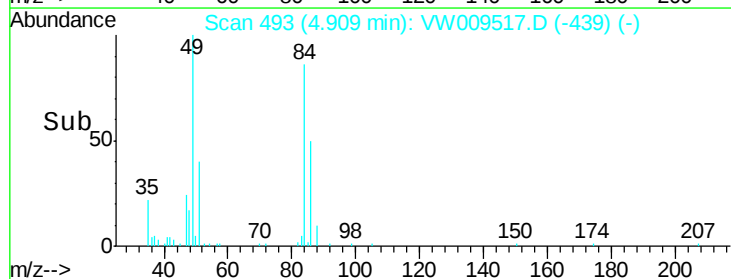
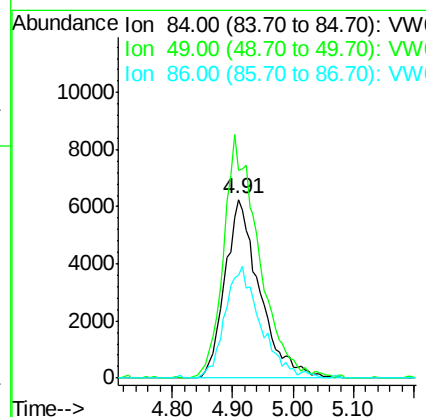
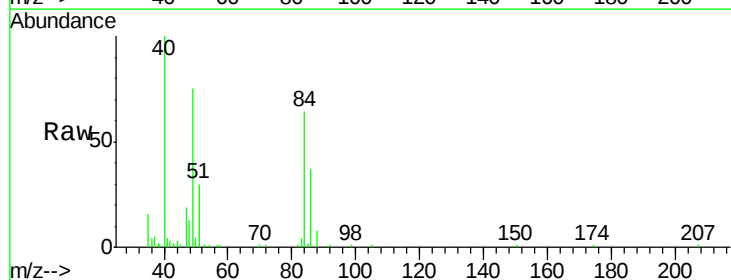
Manual Integrations
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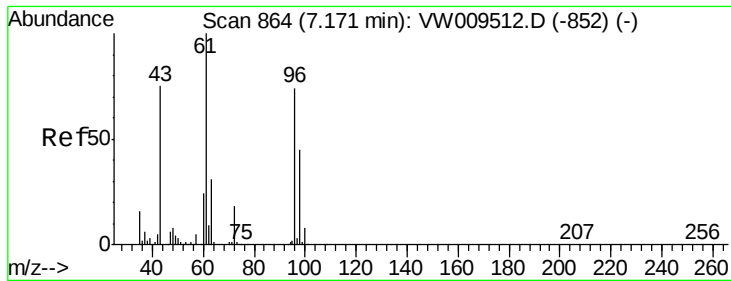
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#16
Methylene chloride
Concen: 4.779 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009517.D
Acq: 27 Mar 2019 23:38

Tgt Ion	84	Resp	24921
Ion Ratio	Lower	Upper	
84	100		
49	116.4	96.0	178.2
86	57.8	44.4	82.5





#21

2-Butanone

Concen: 5.630 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009517.D

Acq: 27 Mar 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

BF5K7

Tot Ion: 43 Resp: 11267

Ion Ratio Lower Upper

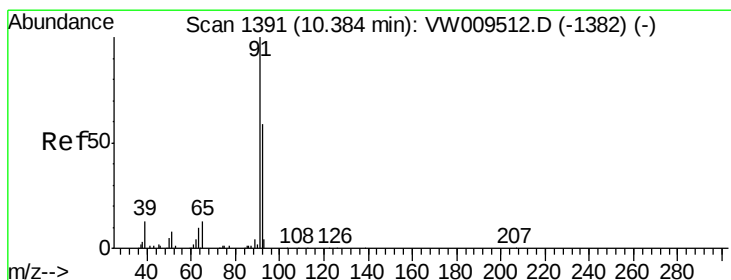
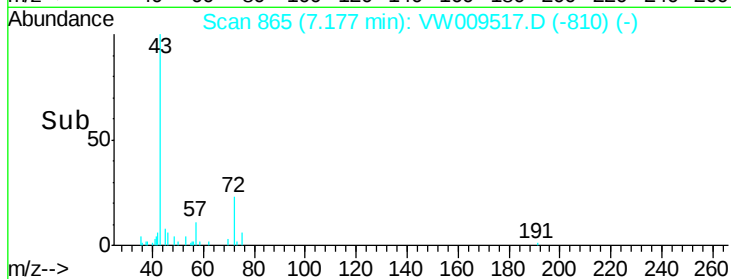
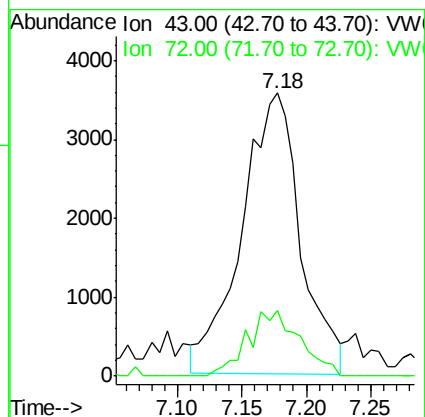
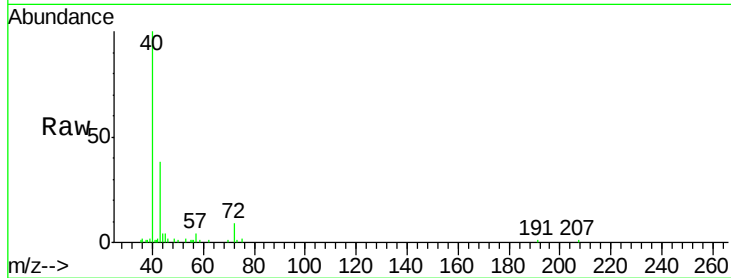
43 100

72 20.8 13.1 39.1

Manual Integrations
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#44

Toluene

Concen: 1.041 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009517.D

Acq: 27 Mar 2019 23:38

Tgt Ion: 91 Resp: 20162

Ion Ratio Lower Upper

91 100

92 49.3 39.8 73.8

