

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009408.D
 Acq On : 23 Mar 2019 23:54
 Operator : SY/VA
 Sample : K2083-02
 Misc : 4.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N0

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:42 AM

Quant Time: Mar 24 01:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356006	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80902	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.08%
7) Chloroethane-d5	2.89	69	85595	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.76%
10) 1,1-Dichloroethene-d2	4.02	63	131700	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	7.07	46	96372	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
24) Chloroform-d	7.64	84	204302	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	8.30	65	128537	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.84%
29) Benzene-d6	8.27	84	365371	19.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.80%
33) 1,2-Dichloropropane-d6	9.27	67	117320	20.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.12%
37) Toluene-d8	10.32	98	316559	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.96%
38) trans-1,3-Dichloropropene-	10.58	79	49107	17.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.44%
39) 2-Hexanone-d5	10.93	63	69020	49.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135001	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	126353	21.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.12%

Target Compounds

					Ovalue
13) Acetone	4.12	43	4151	2.877 ug/L	51
16) Methylene chloride	4.92	84	7463m	1.438 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	7451	1.492 ug/L	94
35) Trichloroethene	9.09	95	14205	2.823 ug/L	98

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

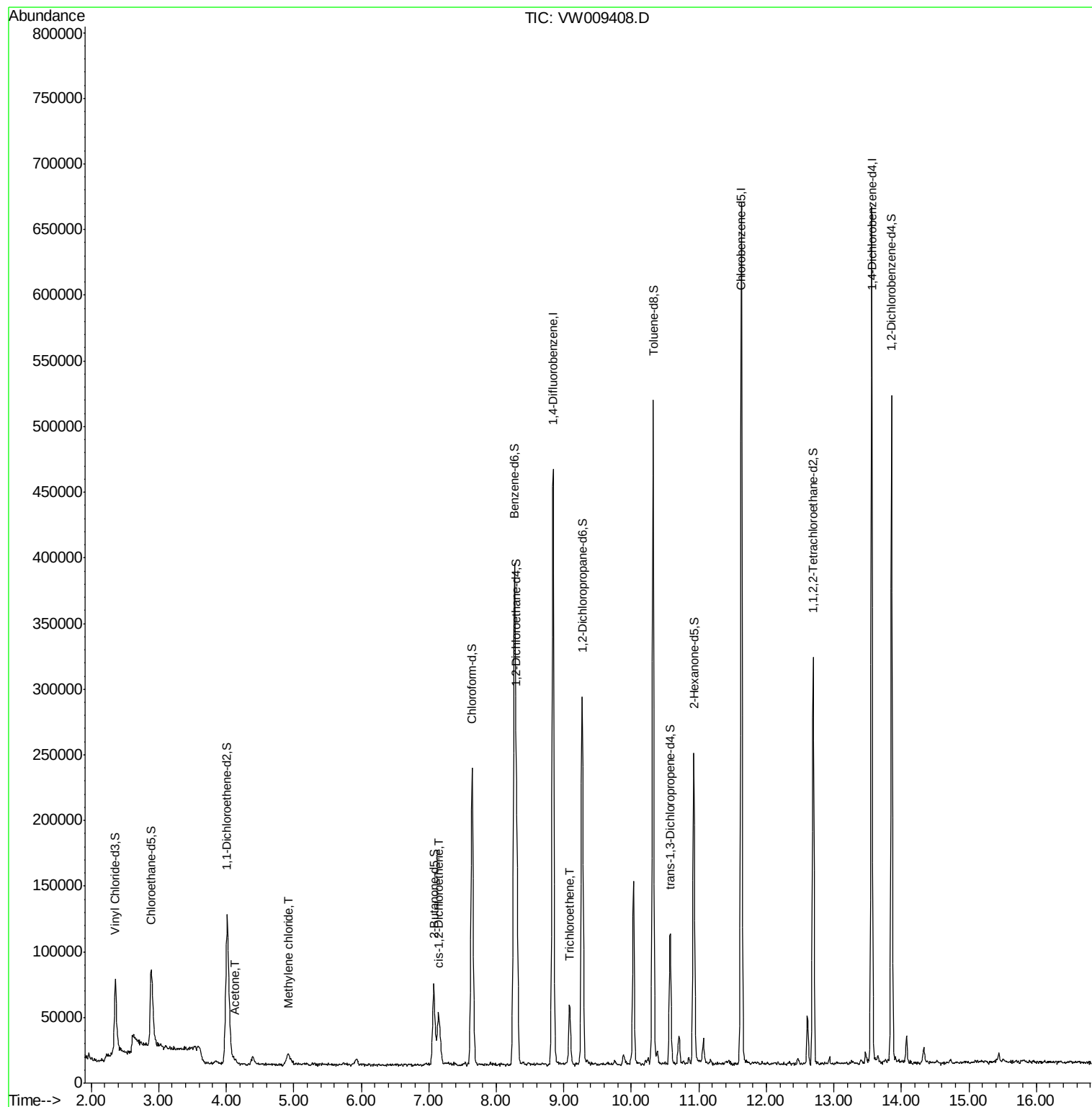
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032319\
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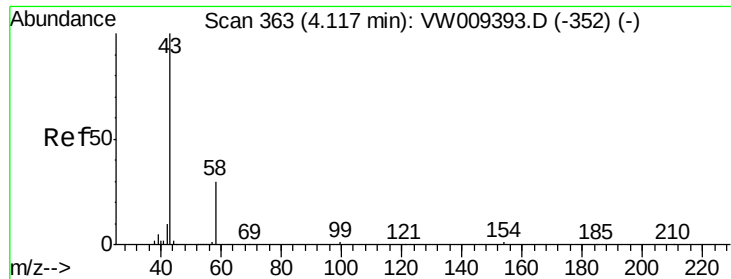
Instrument :
MSVOA_W
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Response via : Initial Calibration





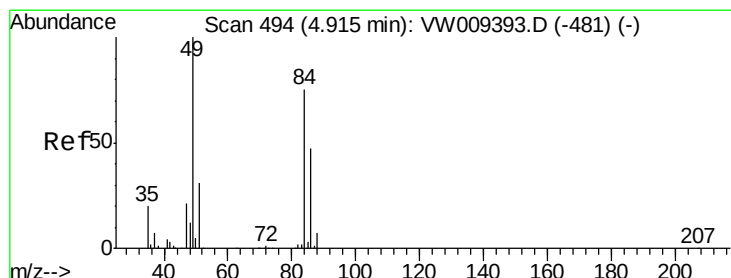
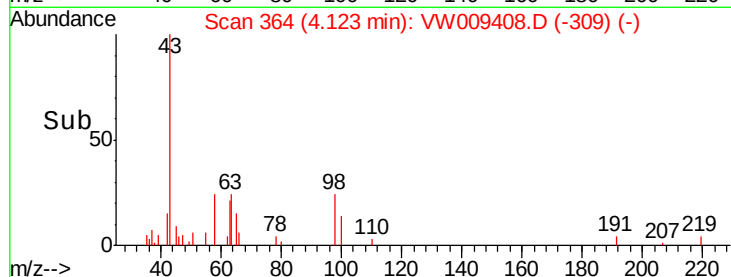
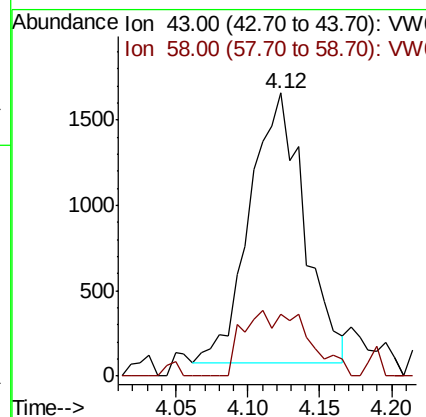
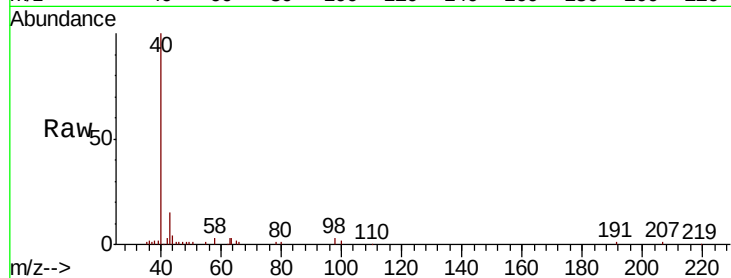
#13
Acetone
Concen: 2.877 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009408.D
Acq: 23 Mar 2019 23:54

Instrument :
MSVOA_W
ClientSampleId :
BF0N0

Tot Ion	43	Resp	4151
Ion Ratio	100	Lower	Upper
58	2.5	0.0	56.2

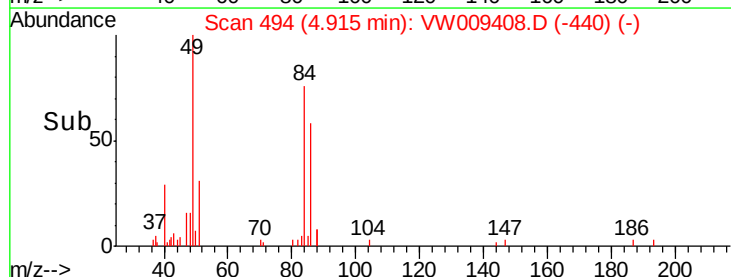
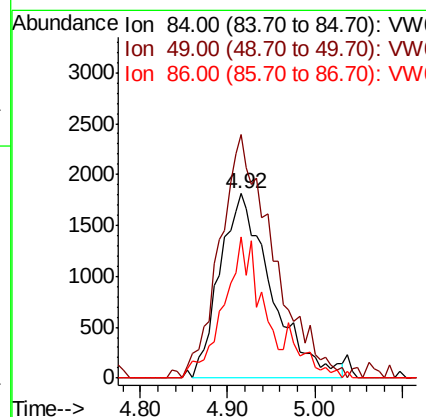
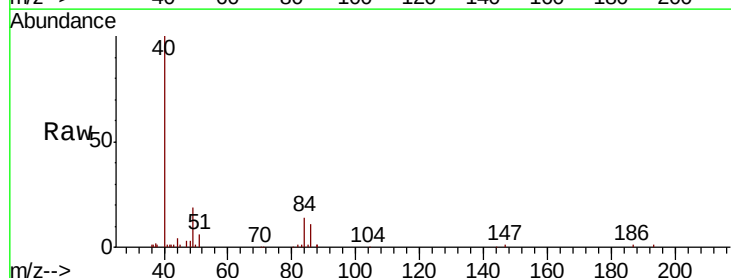
Manual Integrations
APPROVED

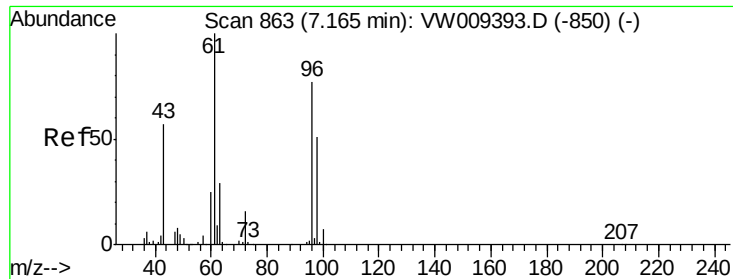
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3/25/2019 8:33:42 AM



#16
Methylene chloride
Concen: 1.438 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009408.D
Acq: 23 Mar 2019 23:54

Tgt Ion	84	Resp	7463
Ion Ratio	100	Lower	Upper
49	131.9	96.0	178.2
86	76.6	44.4	82.5





#22

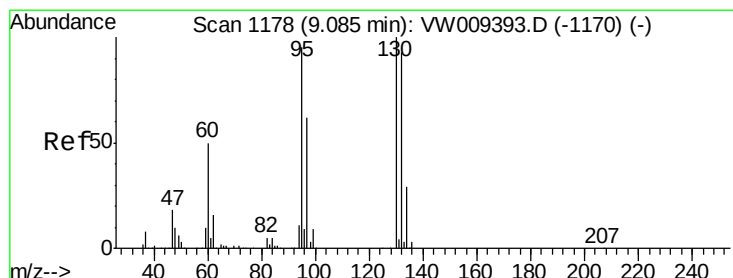
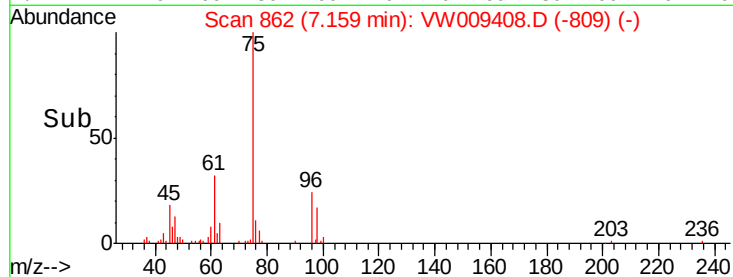
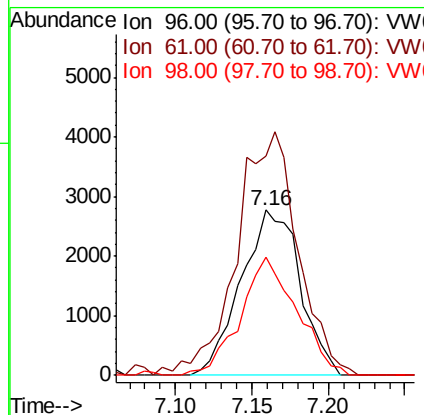
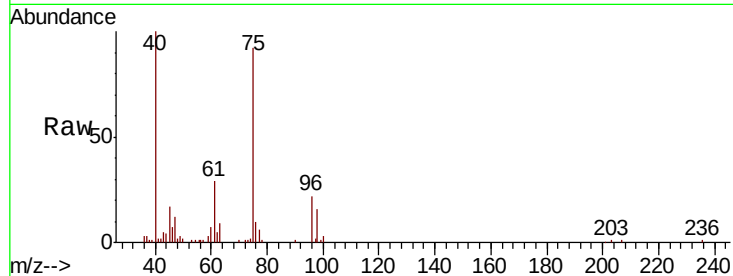
cis-1,2-Dichloroethene
Concen: 1.492 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009408.D
Acq: 23 Mar 2019 23:54

Instrument :
MSVOA_W
ClientSampled :
BF0N0

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	90.6	168.3
98	71.6	44.0	81.8

Manual Integrations
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#35

Trichloroethene
Concen: 2.823 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW009408.D
Acq: 23 Mar 2019 23:54

Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.5	44.7	82.9
132	96.1	69.0	128.2
130	103.3	72.7	134.9

