

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\
 Data File : VW006894.D
 Acq On : 15 Nov 2018 12:56
 Operator : SY/AP
 Sample : J5944-08
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETH0

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 12:30:47 PM

Quant Time: Nov 16 05:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:49:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	193054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	184963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88202	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42224	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.52%
7) Chloroethane-d5	2.89	69	31151	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
10) 1,1-Dichloroethene-d2	4.02	63	81403	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	22230	23.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.06%
24) Chloroform-d	7.65	84	98240	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	53462	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.28	84	211930	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	9.28	67	62694	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.72%
37) Toluene-d8	10.33	98	222229	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.76%
38) trans-1,3-Dichloropropene-	10.58	79	24845	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	17585	23.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41284	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	73298	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

					Ovalue	
13) Acetone	4.15	43	2377m	3.906	ug/L	
16) Methylene chloride	4.92	84	7756	2.298	ug/L	90
22) cis-1,2-Dichloroethene	7.18	96	4152m	1.615	ug/L	
35) Trichloroethene	9.09	95	8060	2.861	ug/L	98

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

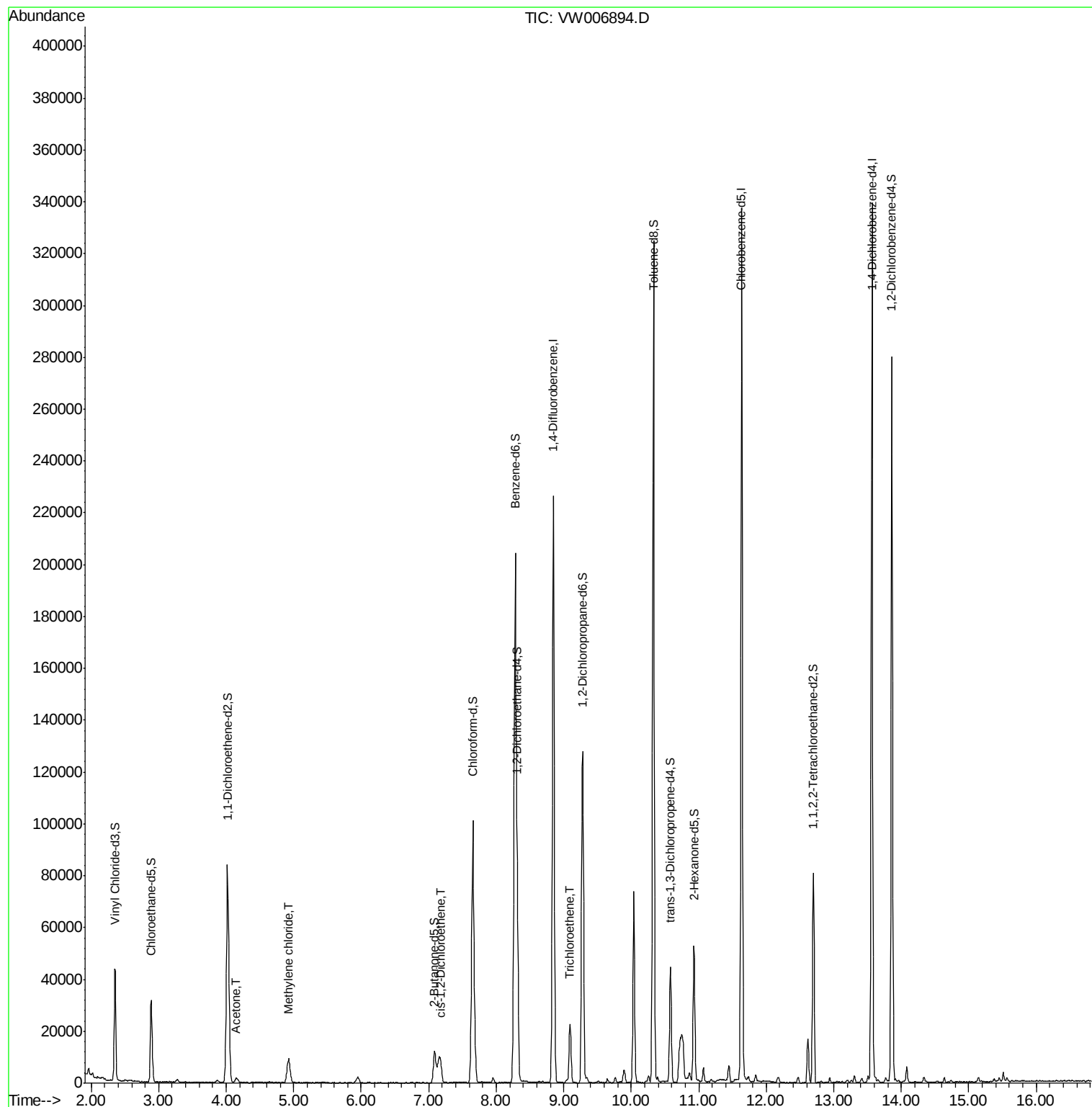
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111518\
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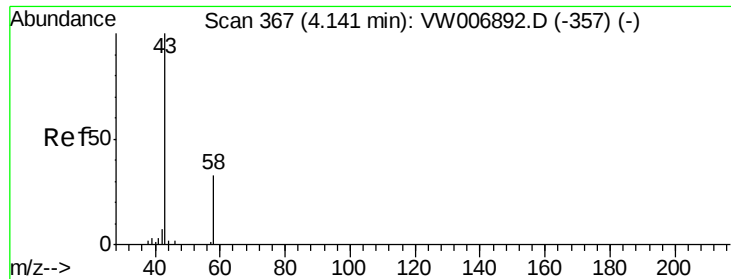
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Quant Title : VOC Analysis
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Response via : Initial Calibration





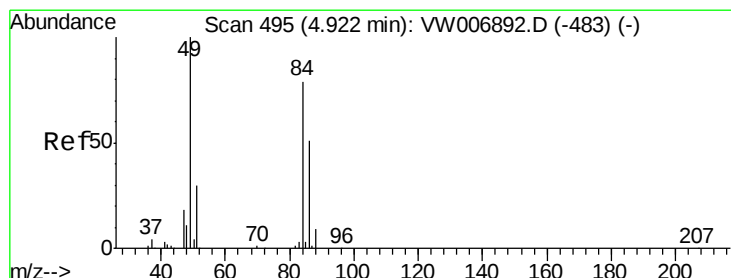
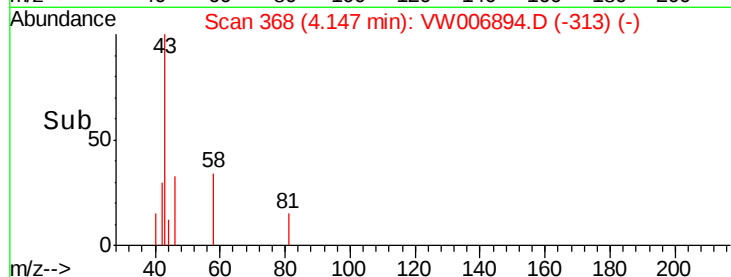
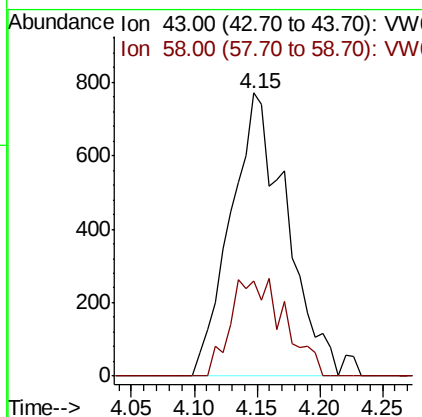
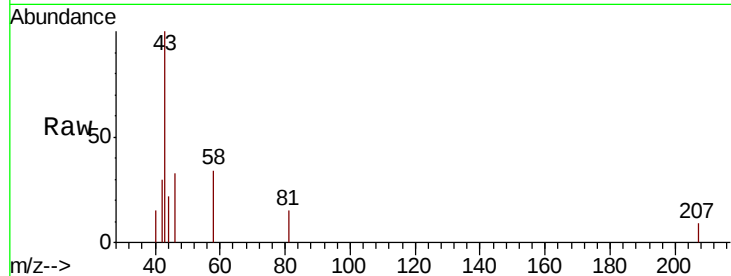
#13
Acetone
Concen: 3.906 ug/L m
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006894.D
Acq: 15 Nov 2018 12:56

Instrument :
MSVOA_W
ClientSampleId :
ETH0

Tot Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
58 19.3 0.0 65.6

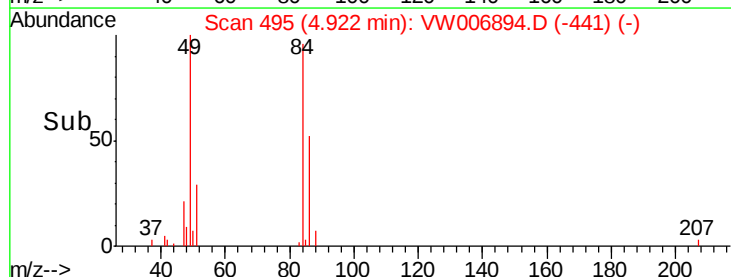
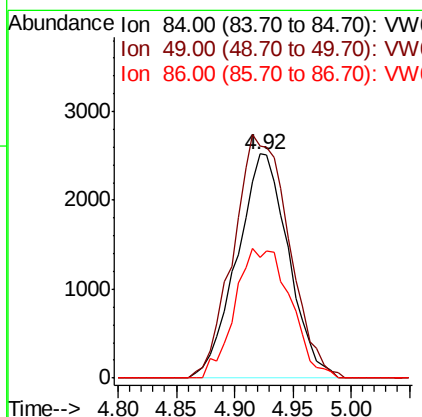
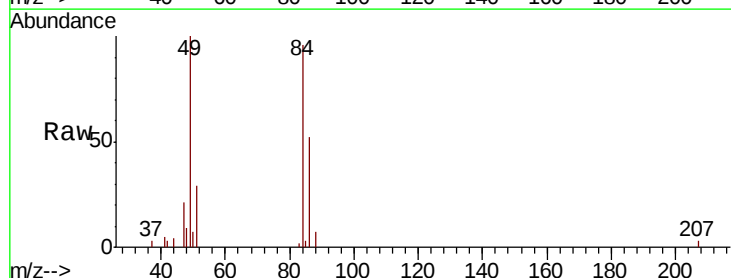
Manual Integrations
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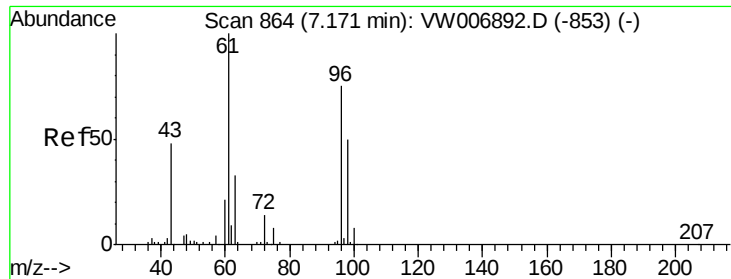
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#16
Methylene chloride
Concen: 2.298 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006894.D
Acq: 15 Nov 2018 12:56

Tgt Ion: 84 Resp: 7756
Ion Ratio Lower Upper
84 100
49 103.7 79.3 147.3
86 53.9 43.5 80.9





#22

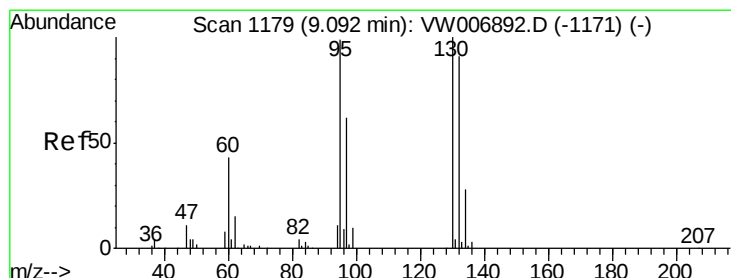
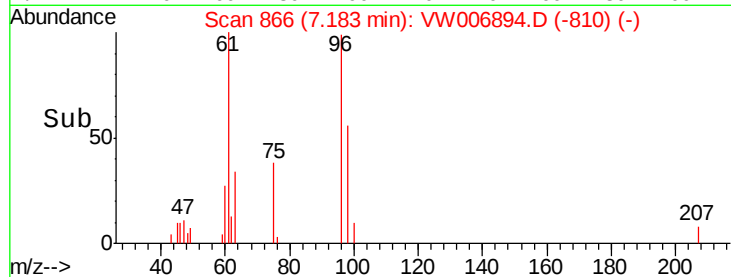
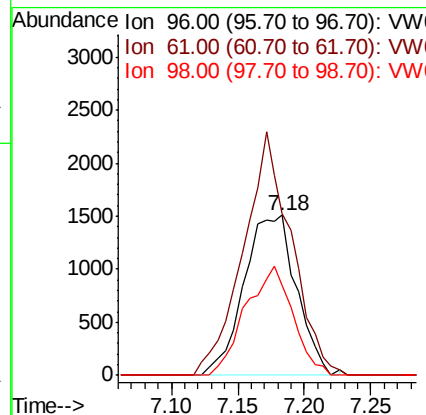
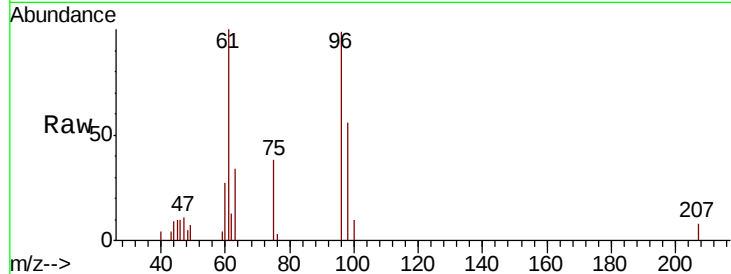
cis-1,2-Dichloroethene
Concen: 1.615 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW006894.D
Acq: 15 Nov 2018 12:56

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Tot Ion	Ratio	Lower	Upper
96	100		
61	101.0	88.1	163.7
98	56.4	43.1	80.1

Manual Integrations
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#35

Trichloroethene
Concen: 2.861 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006894.D
Acq: 15 Nov 2018 12:56

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.1	83.9
132	91.3	65.7	121.9
130	97.4	68.7	127.7

