

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009410.D
 Acq On : 24 Mar 2019 00:49
 Operator : SY/VA
 Sample : K2083-04
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1J0

Manual Integrations
 APPROVED

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 3/25/2019 8:33:42 AM

Quant Time: Mar 24 04:23:18 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	325817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315246	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85003	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
7) Chloroethane-d5	2.89	69	88948	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.01	63	140219	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.07	46	88065	54.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.38%
24) Chloroform-d	7.64	84	209244	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.31	65	130516	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	378879	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	9.27	67	120212	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	10.32	98	330212	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.16%
38) trans-1,3-Dichloropropene-	10.58	79	53068	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.96%
39) 2-Hexanone-d5	10.92	63	66170	52.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132987	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	133374	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	8165m	1.718 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	6832	1.495 ug/L	76
35) Trichloroethene	9.09	95	5937	1.291 ug/L	93

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

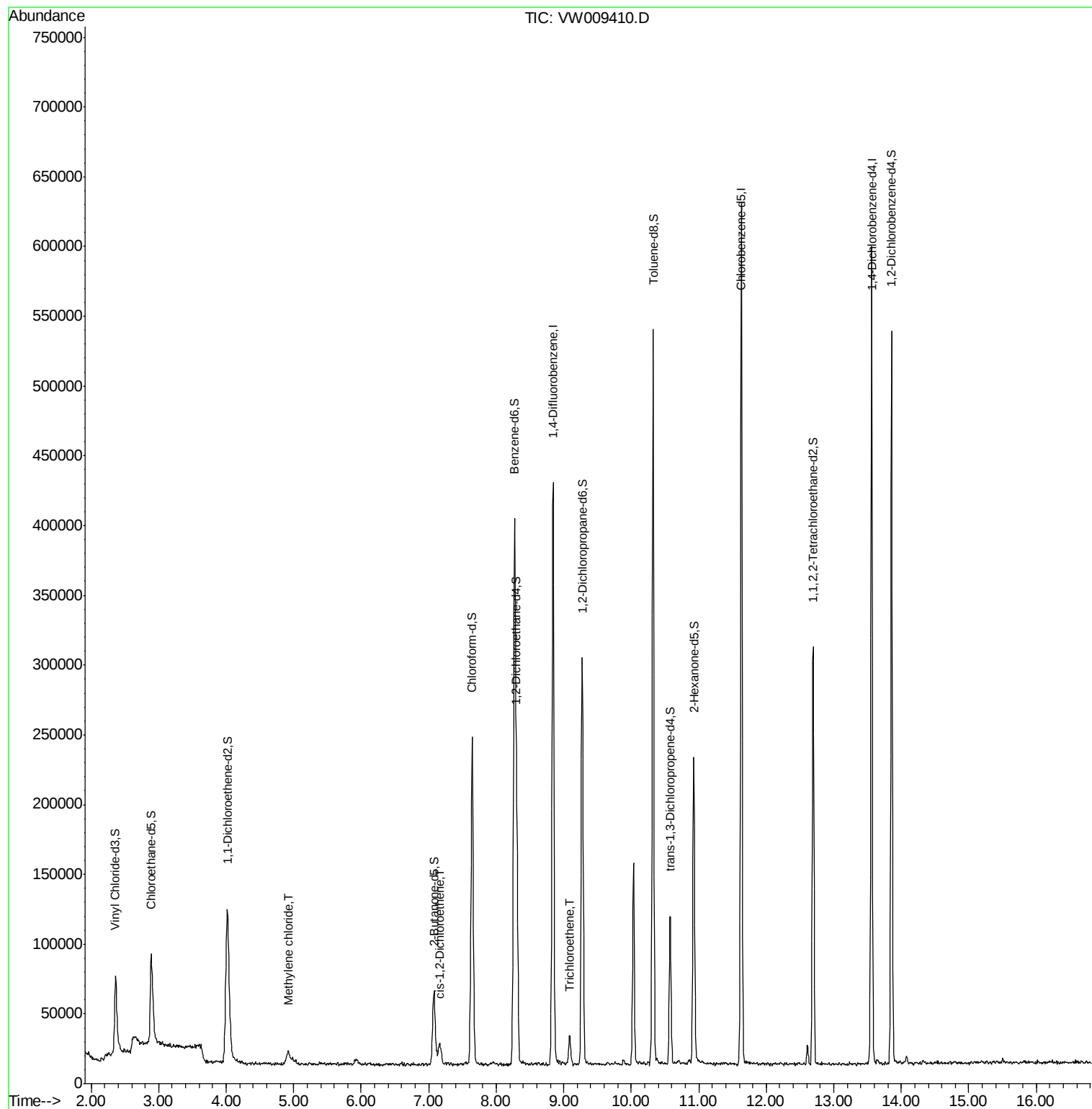
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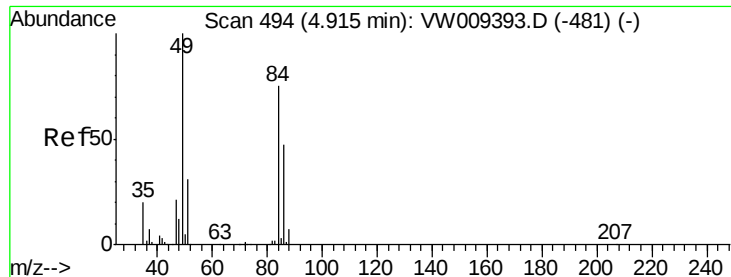
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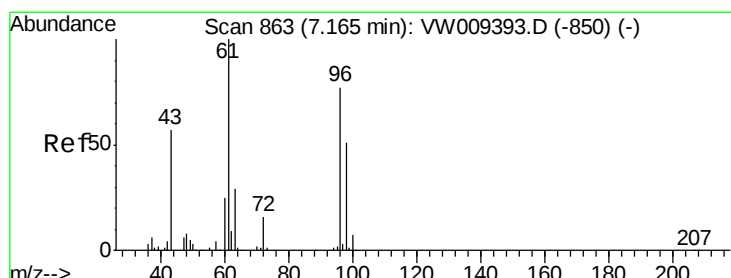
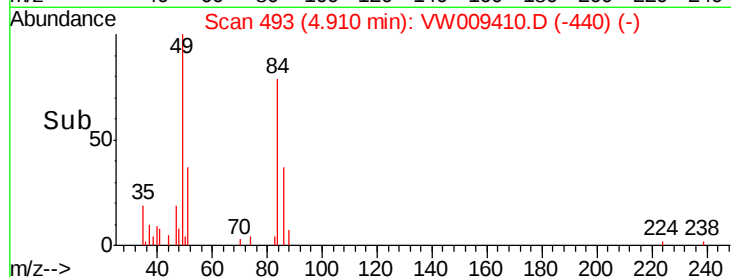
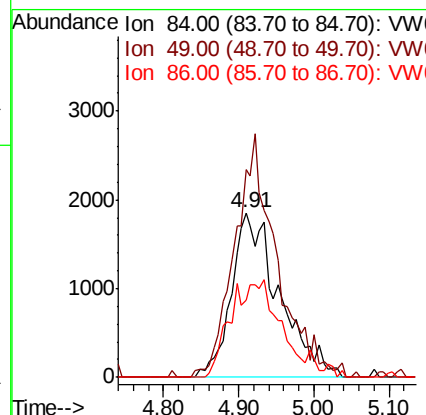
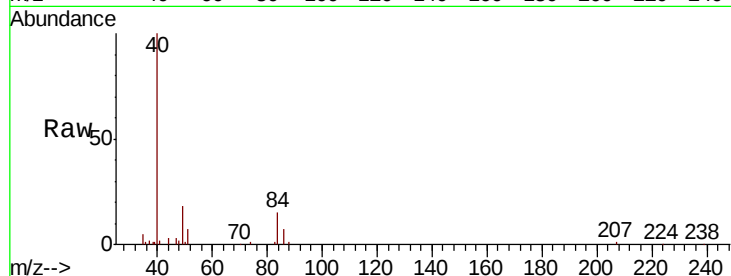
#16
Methvlene chloride
Concen: 1.718 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009410.D
Acq: 24 Mar 2019 00:49

Instrument :
MSVOA_W
ClientSampleId :
BF1J0

Tot Ion	Ratio	Lower	Upper
84	100		
49	126.3	96.0	178.2
86	47.3	44.4	82.5

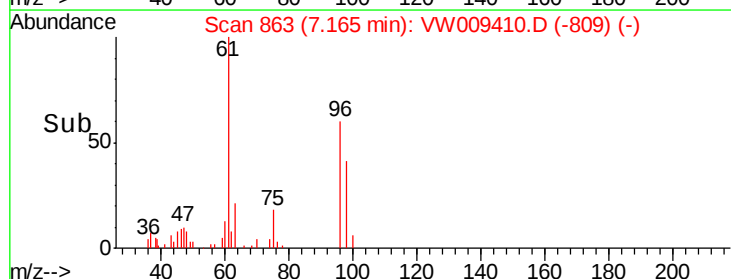
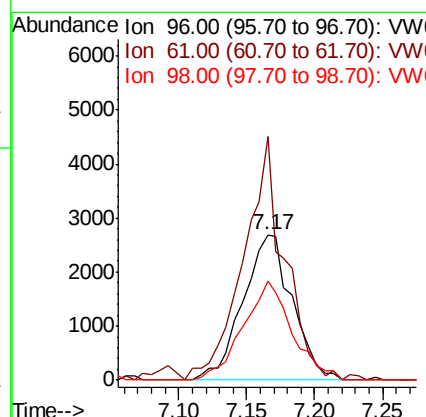
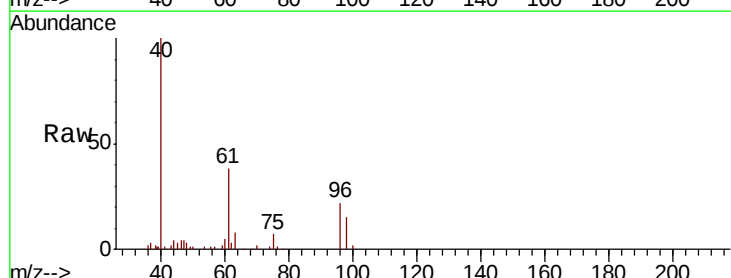
Manual Integrations
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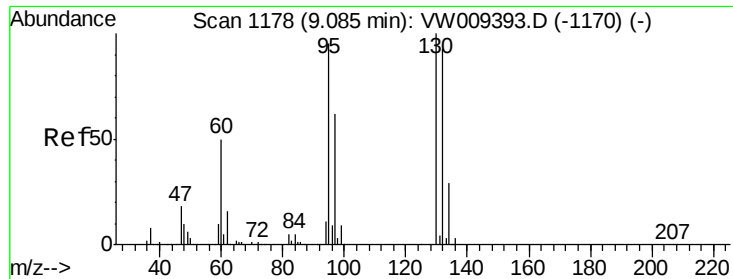
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#22
cis-1,2-Dichloroethene
Concen: 1.495 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009410.D
Acq: 24 Mar 2019 00:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	90.6	168.3
98	68.0	44.0	81.8





#35
 Trichloroethene
 Concen: 1.291 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009410.D
 Acq: 24 Mar 2019 00:49

Instrument :
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Tot Ion:	95	Resp:	5937
Ion Ratio	Lower	Upper	
95	100		
97	64.8	44.7	82.9
132	88.1	69.0	128.2
130	110.7	72.7	134.9

Manual Integrations
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