

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009328.D
 Acq On : 21 Mar 2019 16:04
 Operator : SY/VA
 Sample : K2017-04
 Misc : 6.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D7

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:44 AM

Quant Time: Mar 22 10:18:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	410232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120447	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
7) Chloroethane-d5	2.90	69	116973	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
10) 1,1-Dichloroethene-d2	4.02	63	185542	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	7.07	46	93495	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
24) Chloroform-d	7.64	84	259765	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.31	65	158890	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.27	84	481739	22.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.08%
33) 1,2-Dichloropropane-d6	9.27	67	154418	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.00%
37) Toluene-d8	10.32	98	428545	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	68534	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	70446	44.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149252	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	171319	23.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.12%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	13253m	2.215	ug/L
22) cis-1,2-Dichloroethene	7.17	96	18244	3.171	ug/L
35) Trichloroethene	9.09	95	552475	95.480	ug/L

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

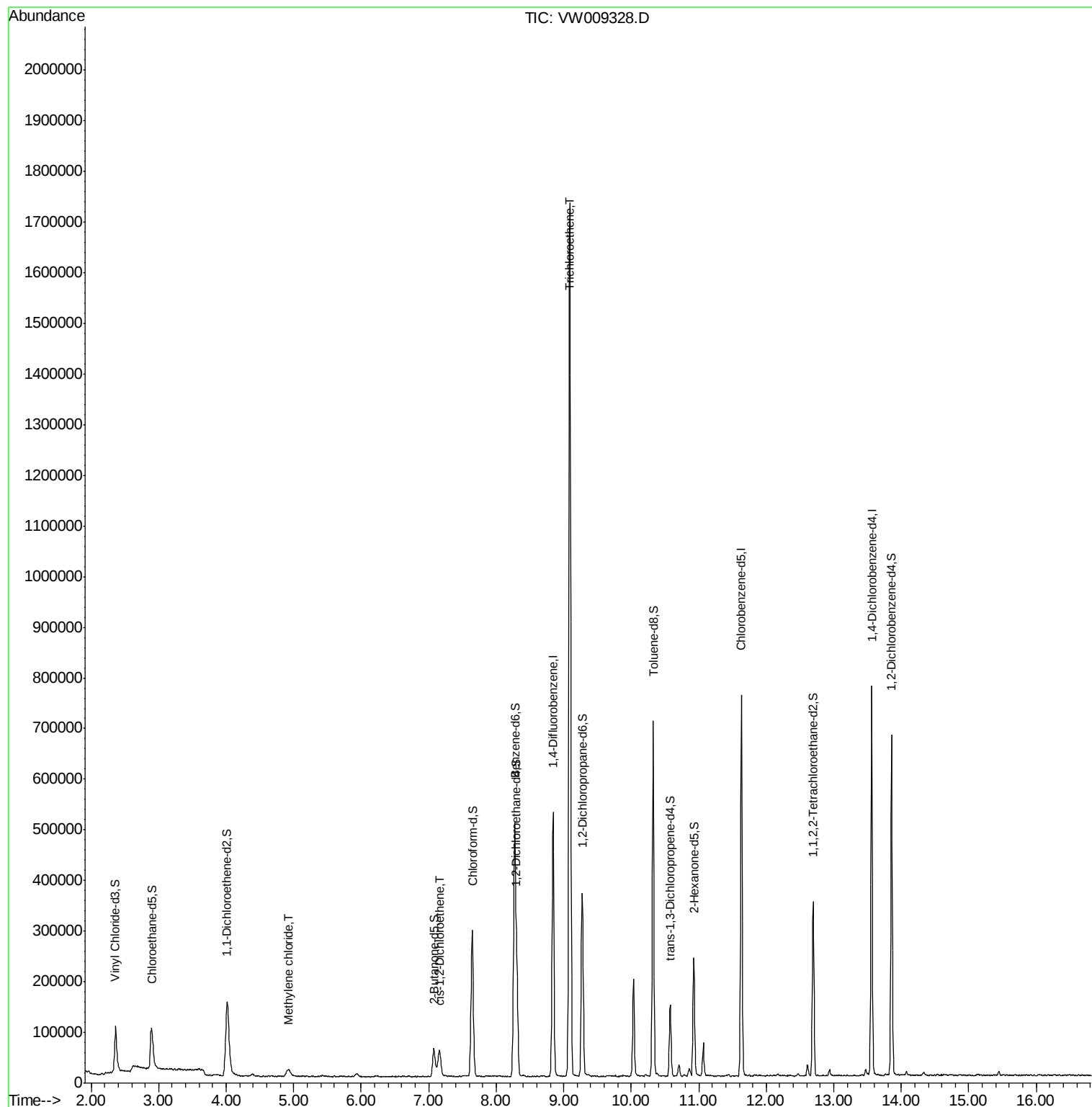
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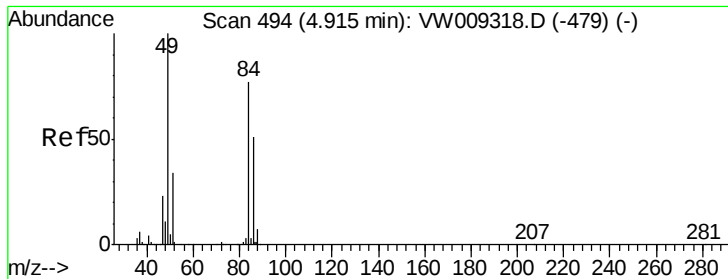
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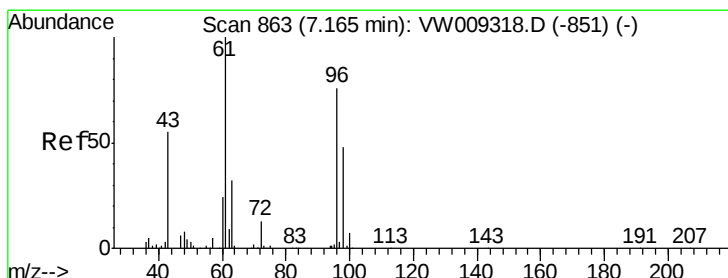
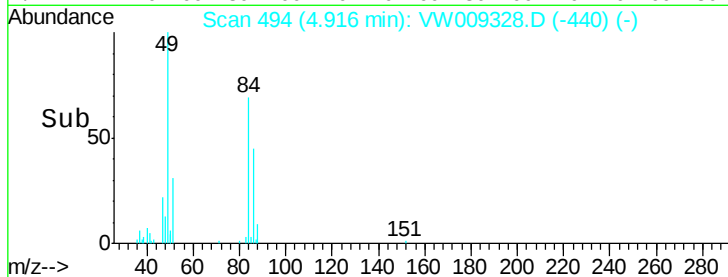
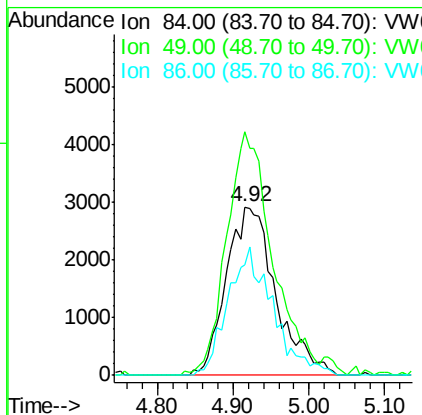
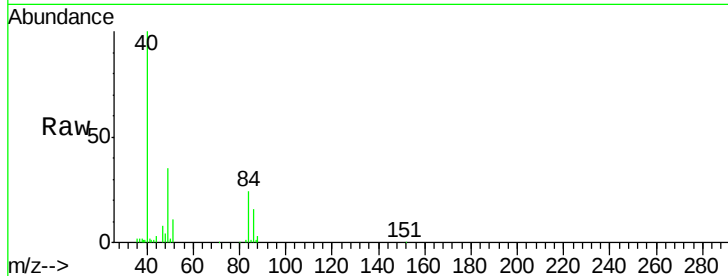
#16
Methylene chloride
Concen: 2.215 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009328.D
Acq: 21 Mar 2019 16:04

Instrument :
MSVOA_W
ClientSampled :
BF0D7

Tot Ion	84	Resp	13253
Ion	Ratio	Lower	Upper
84	100		
49	144.4	96.0	178.2
86	65.7	44.4	82.5

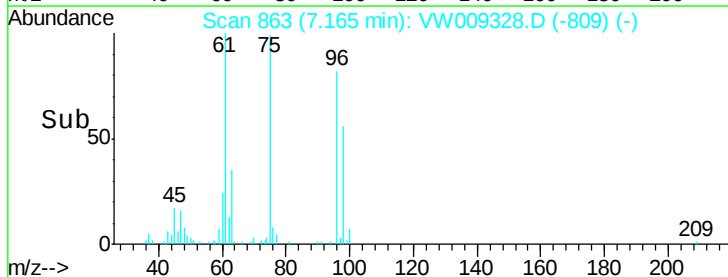
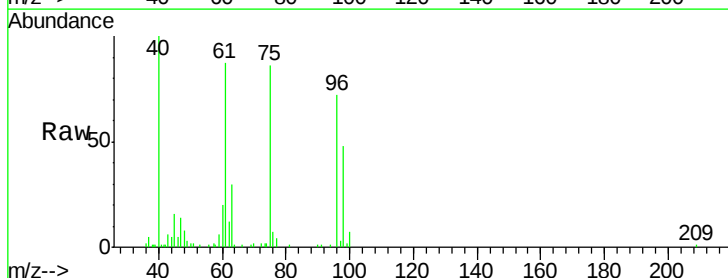
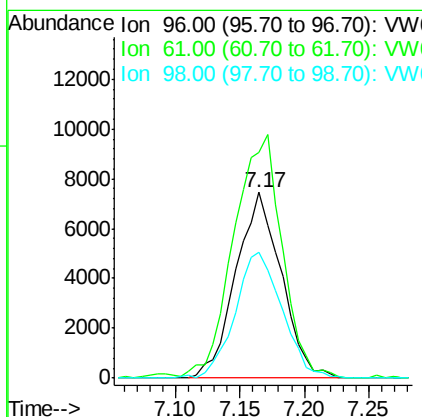
Manual Integrations
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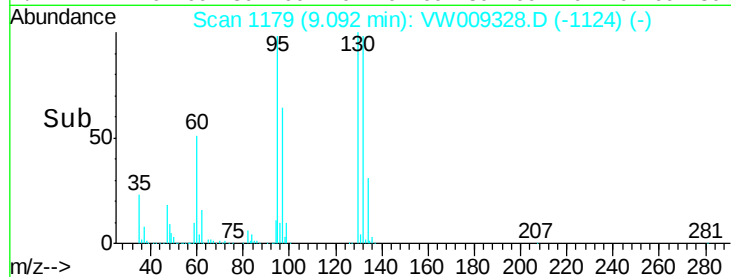
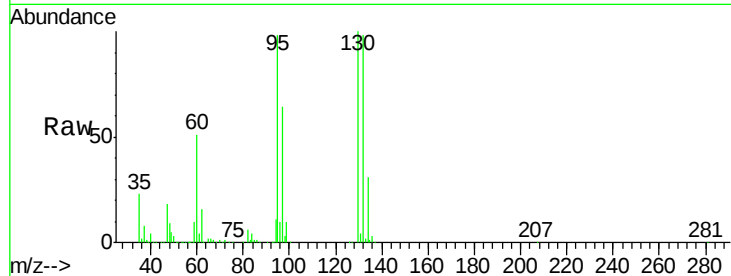
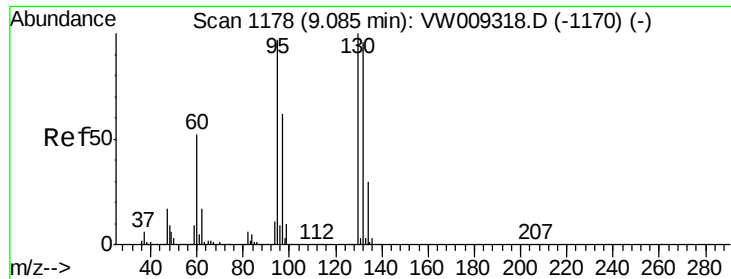
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#22
cis-1,2-Dichloroethene
Concen: 3.171 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009328.D
Acq: 21 Mar 2019 16:04

Tgt Ion	96	Resp	18244
Ion	Ratio	Lower	Upper
96	100		
61	121.7	90.6	168.3
98	67.6	44.0	81.8





#35

Trichloroethene

Concen: 95.480 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009328.D

Acq: 21 Mar 2019 16:04

Tot Ion	Ion	Ratio	Resp Lower	Upper
95	100			
97	64.4	44.7	82.9	
132	98.3	69.0	128.2	
130	102.7	72.7	134.9	

Instrument :
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ClientSampleId :
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