

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009334.D
 Acq On : 21 Mar 2019 18:56
 Operator : SY/VA
 Sample : K2048-01
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F2

Manual Integrations
 APPROVED

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 3/23/2019 3:00:56 AM

Quant Time: Mar 22 10:00:58 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	358600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111092	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
7) Chloroethane-d5	2.90	69	105123	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	4.01	63	165266	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.08	46	103527	58.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.84%
24) Chloroform-d	7.65	84	236630	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	148573m	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	439300	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.27	67	135975	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	388772	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.57	79	62849	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	76252	54.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148541	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	155189	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	11321m	2.165	ug/L
22) cis-1,2-Dichloroethene	7.17	96	4348m	0.865	ug/L
35) Trichloroethene	9.09	95	222224	43.895	ug/L

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

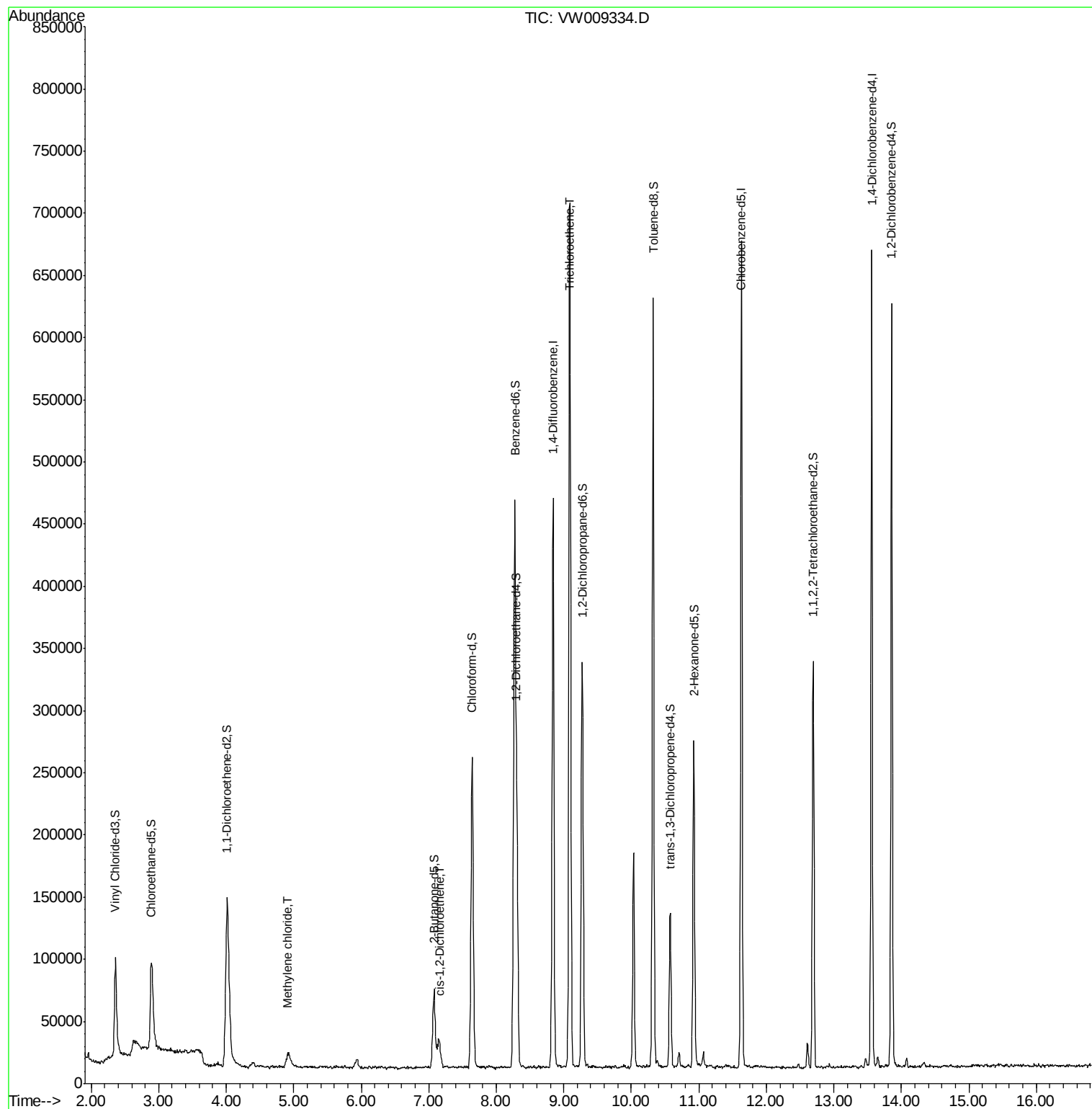
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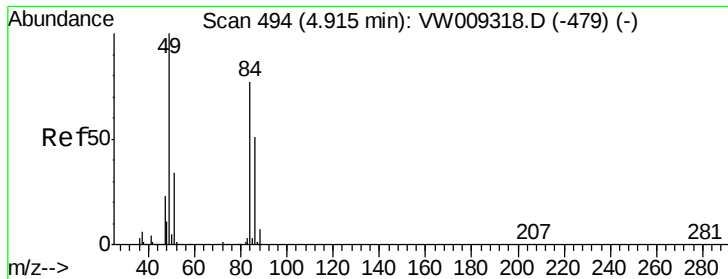
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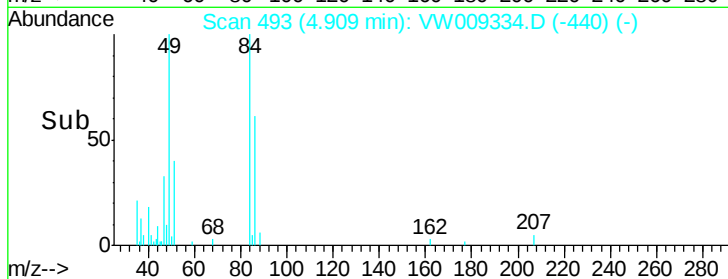
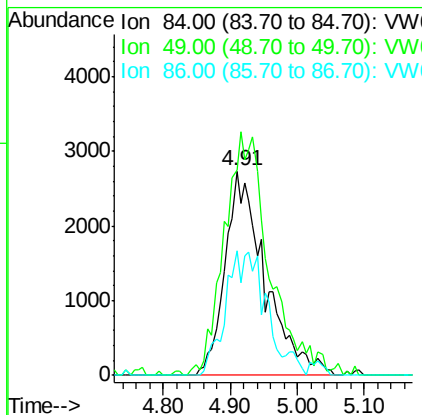
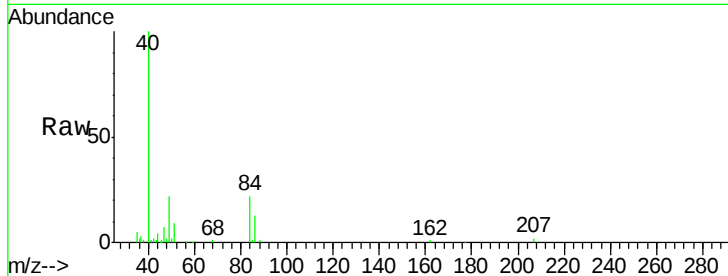
#16
Methvlene chloride
Concen: 2.165 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009334.D
Acq: 21 Mar 2019 18:56

Instrument :
MSVOA_W
ClientSampleId :
BF0F2

Tot Ion	Ratio	Lower	Upper
84	100		
49	100.2	96.0	178.2
86	60.8	44.4	82.5

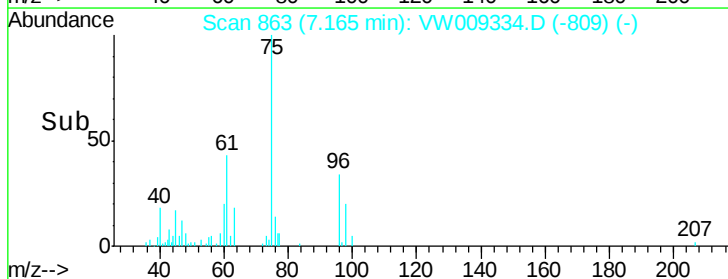
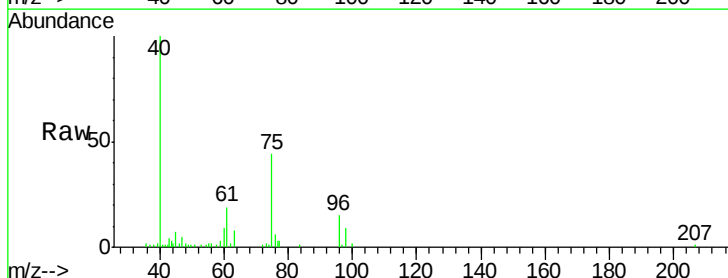
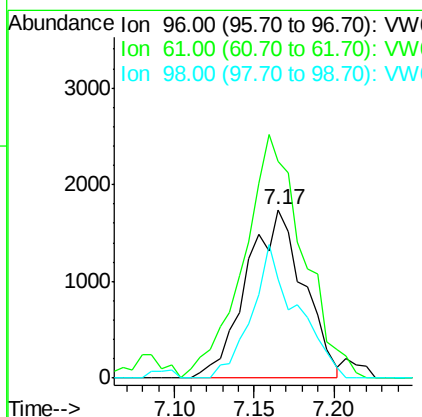
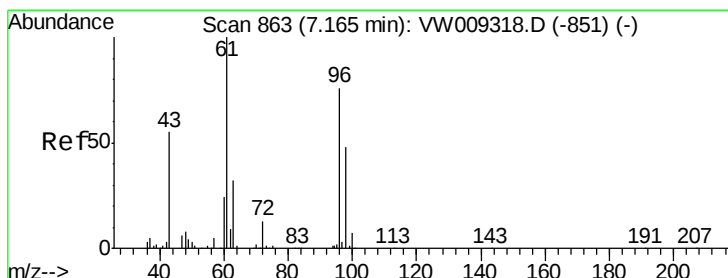
Manual Integrations
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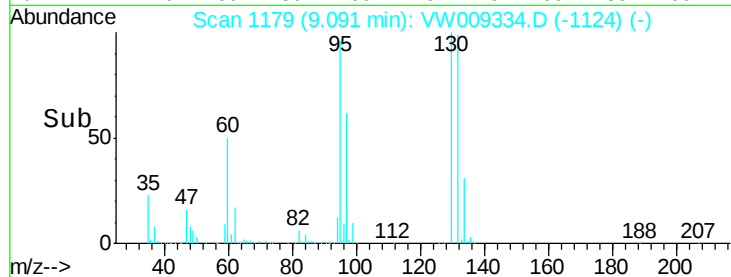
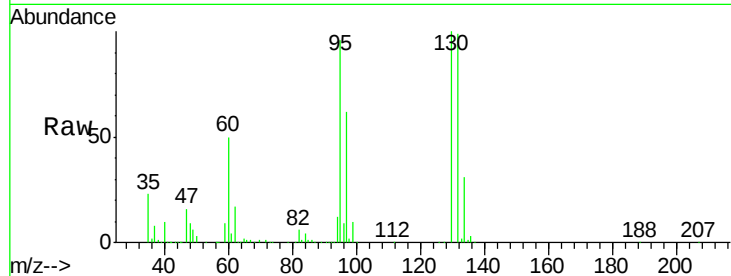
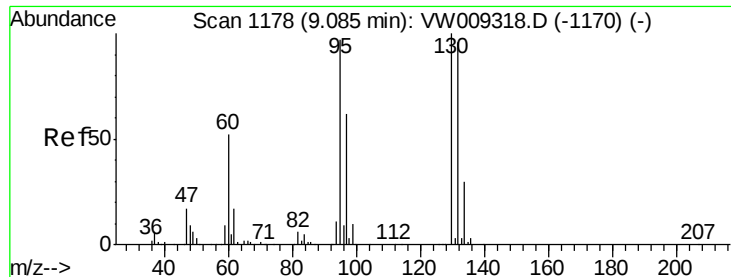
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#22
cis-1,2-Dichloroethene
Concen: 0.865 ug/L m
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009334.D
Acq: 21 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.4	90.6	168.3
98	58.5	44.0	81.8





#35

Trichloroethene

Concen: 43.895 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009334.D

Acq: 21 Mar 2019 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		222224		
97	65.2	44.7		82.9	
132	99.2	69.0		128.2	
130	103.8	72.7		134.9	

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