

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009332.D
 Acq On : 21 Mar 2019 17:53
 Operator : SY/VA
 Sample : K1988-19RE
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D1RE

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:52 AM

Quant Time: Mar 22 10:09:55 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	400489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384025	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127680	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	2.90	69	122615	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	192616	18.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.48%
20) 2-Butanone-d5	7.07	46	72435	36.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.20%
24) Chloroform-d	7.64	84	275778	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	156925	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.27	84	511647	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.27	67	154181	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	460150	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	67845	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	54352	35.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131084	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	173652	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	16160m	2.767	ug/L
22) cis-1,2-Dichloroethene	7.16	96	44986	8.009	ug/L
35) Trichloroethene	9.09	95	27426	4.897	ug/L
47) Tetrachloroethene	10.86	164	2579	0.545	ug/L #

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

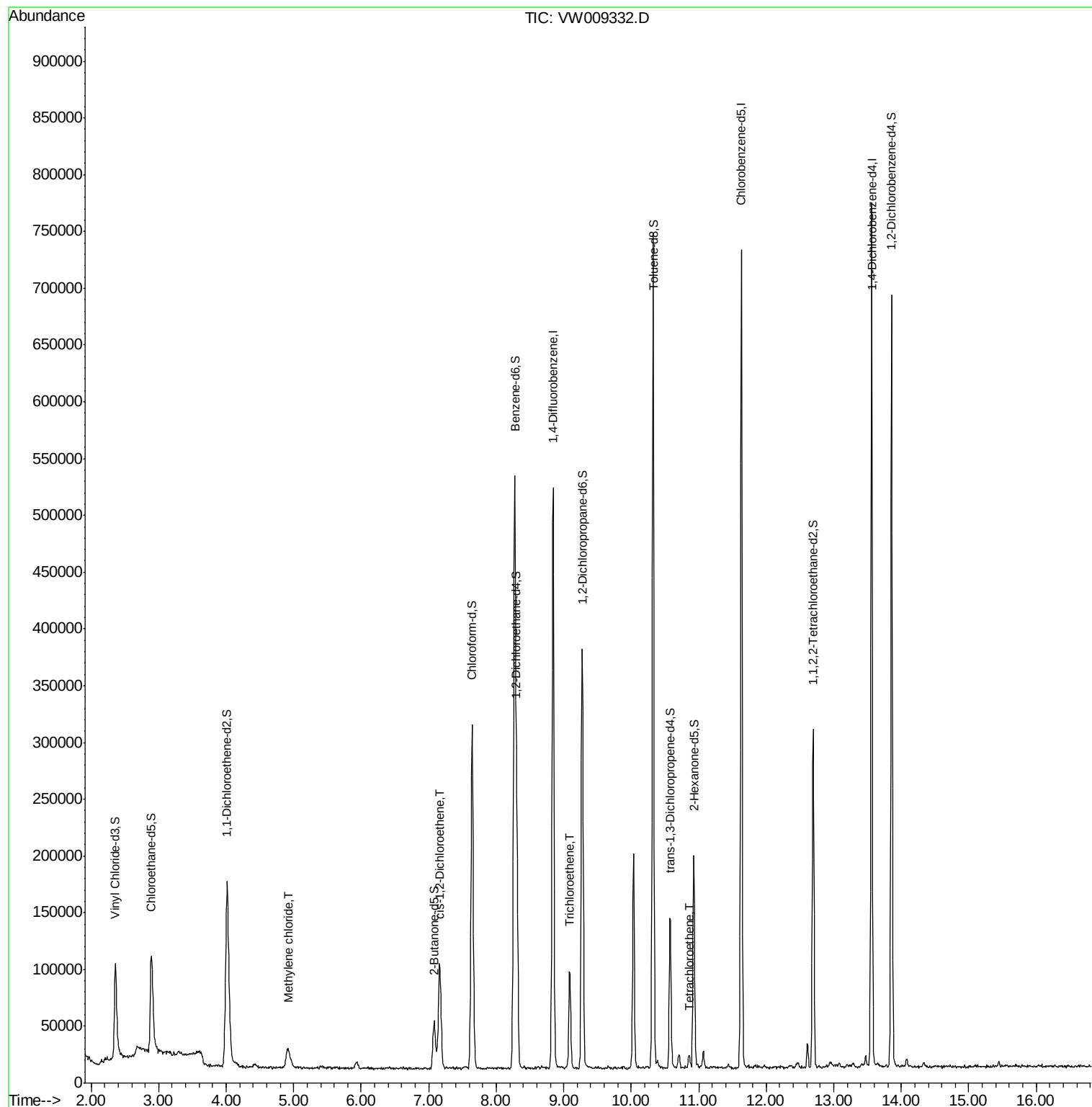
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032119\
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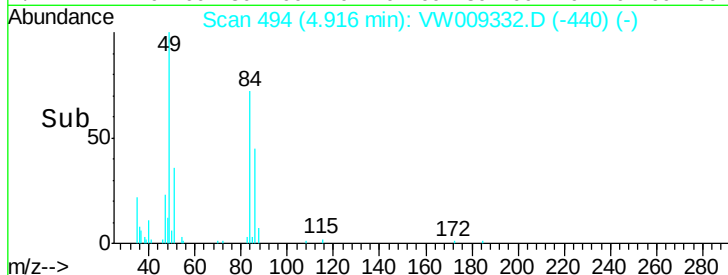
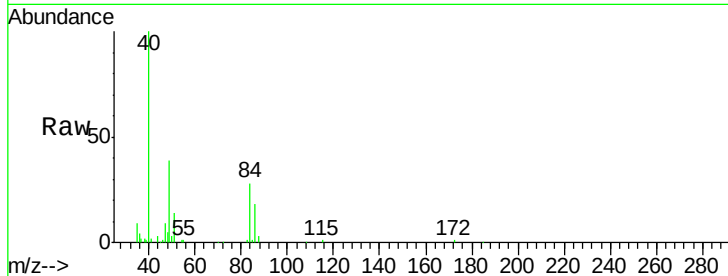
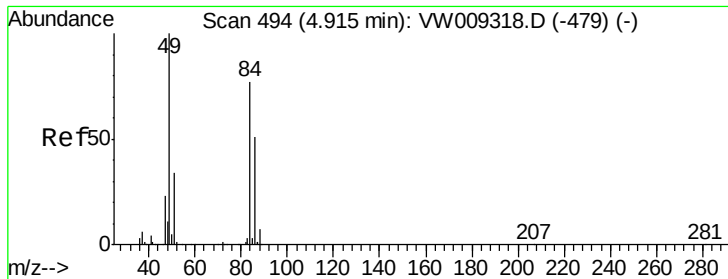
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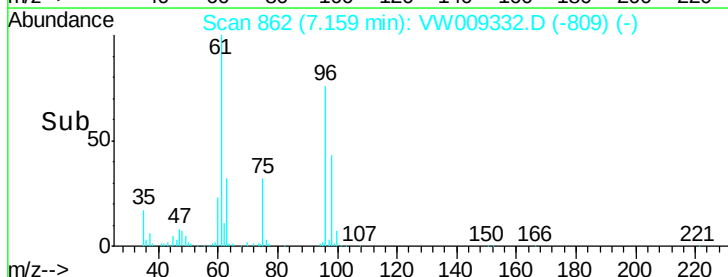
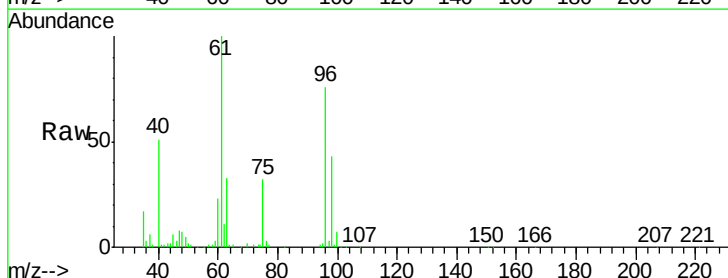
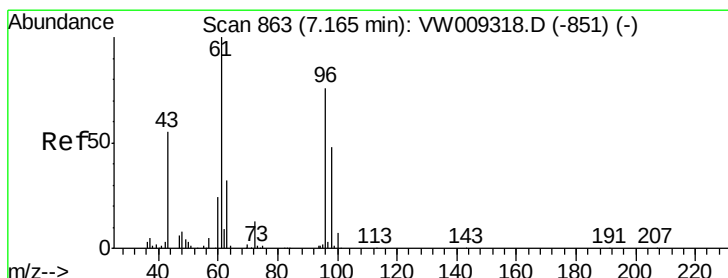
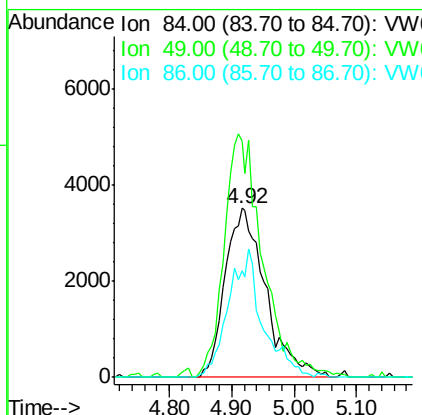
#16
Methylene chloride
Concen: 2.767 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009332.D
Acq: 21 Mar 2019 17:53

Tot Ion	Ratio	Lower	Upper
84	100		
49	139.6	96.0	178.2
86	63.1	44.4	82.5

Instrument :
MSVOA_W
ClientSampleId :
BF0D1RE

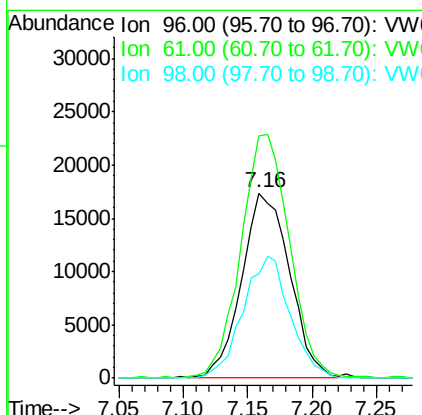
Manual Integrations
APPROVED

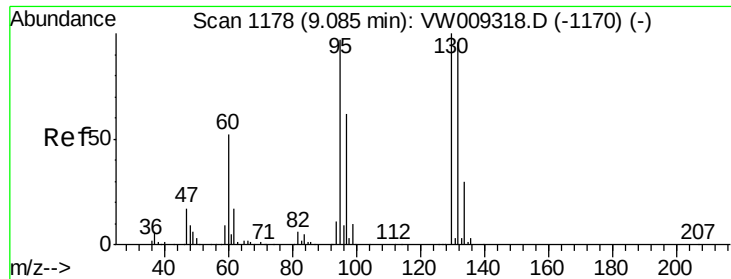
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3/23/2019 3:00:52 AM



#22
cis-1,2-Dichloroethene
Concen: 8.009 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009332.D
Acq: 21 Mar 2019 17:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.8	90.6	168.3
98	56.3	44.0	81.8





#35

Trichloroethene

Concen: 4.897 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

BF0D1RE

Tot Ion: 95 Resp: 27426

Ion Ratio Lower Upper

95 100

97 62.5 44.7 82.9

132 97.2 69.0 128.2

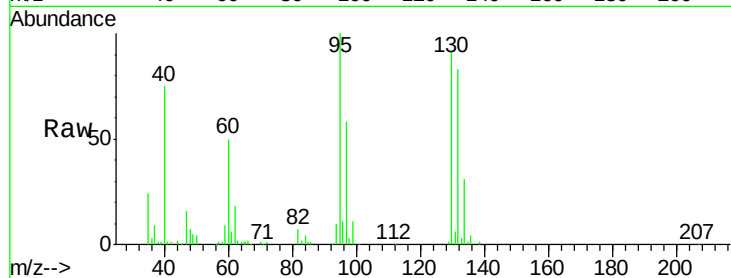
130 103.2 72.7 134.9

Manual Integrations

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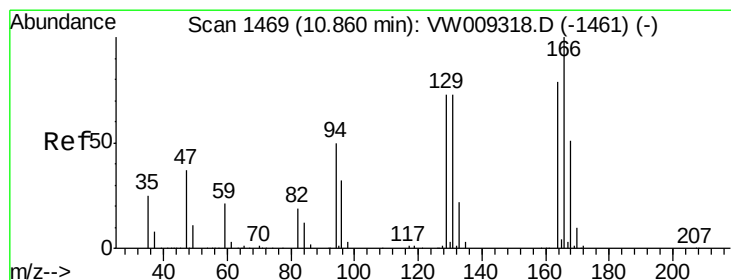
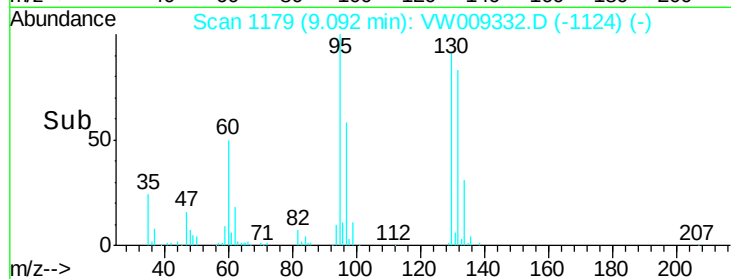
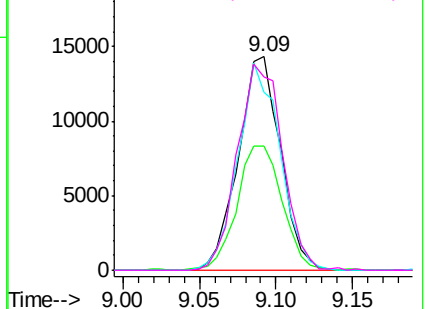


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 0.545 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Tgt Ion: 164 Resp: 2579

Ion Ratio Lower Upper

164 100

129 62.4 66.5 123.5#

131 52.8 62.6 116.3#

166 111.8 91.6 170.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

