

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009859.D
 Acq On : 10 Apr 2019 01:28
 Operator : SY/VA
 Sample : K2327-16
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF117

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:06:07 PM

Quant Time: Apr 10 06:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	437999	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	421034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121428	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
7) Chloroethane-d5	2.90	69	113480	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.02	63	231372	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.08%
20) 2-Butanone-d5	7.07	46	122929	66.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.12%
24) Chloroform-d	7.65	84	317303	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.30	65	210893m	28.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.96%
29) Benzene-d6	8.27	84	584261	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	9.27	67	187375	27.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.80%
37) Toluene-d8	10.32	98	509215	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloropropene-	10.58	79	76242	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.68%
39) 2-Hexanone-d5	10.93	63	76612	59.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	187516	29.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	187121	30.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.72%#

Target Compounds					Ovalue
13) Acetone	4.12	43	4057	2.035 ug/L	85
16) Methylene chloride	4.90	84	8200m	1.062 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	21510	3.324 ug/L	91
35) Trichloroethene	9.09	95	6585	0.993 ug/L	95

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

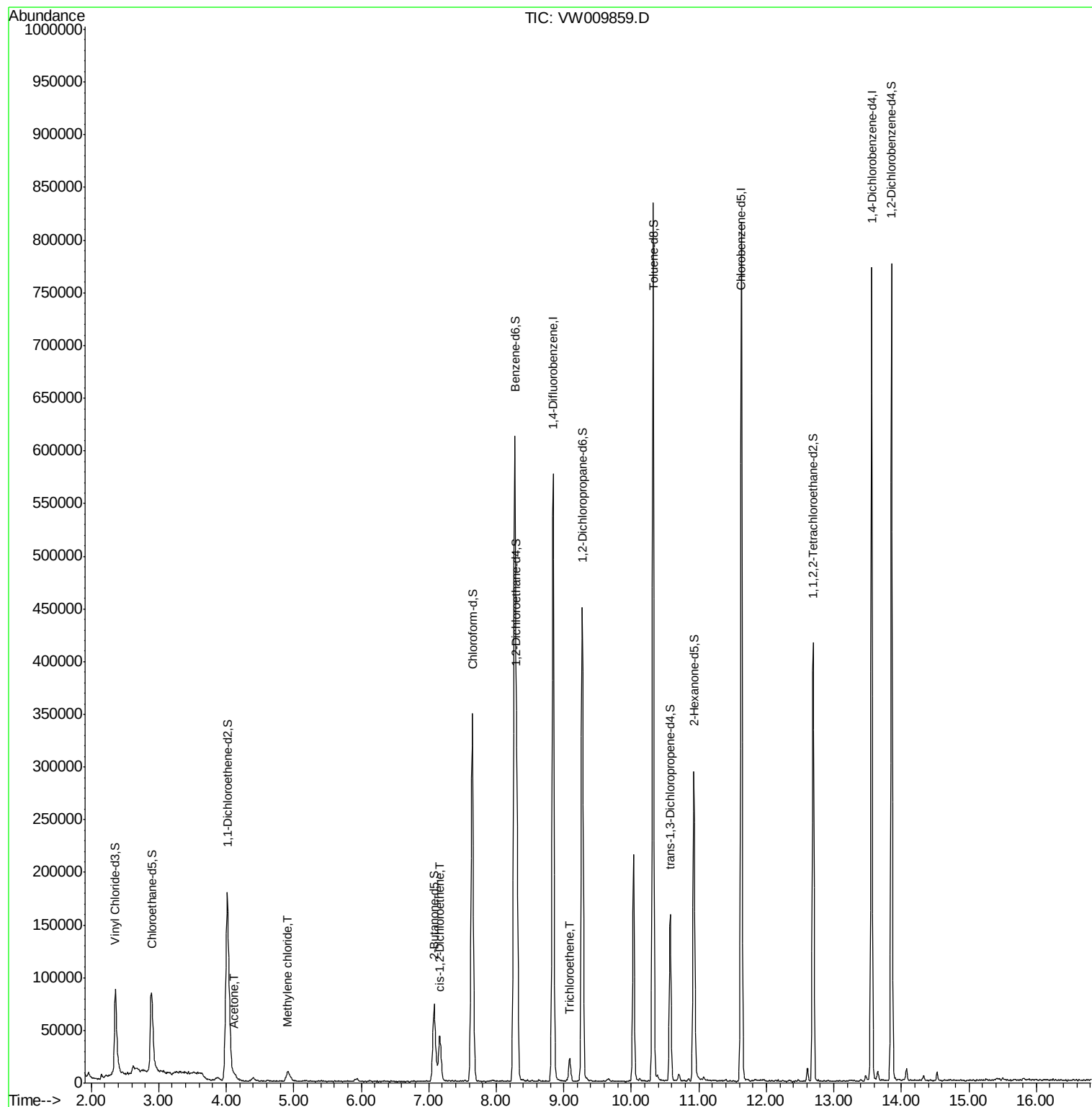
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
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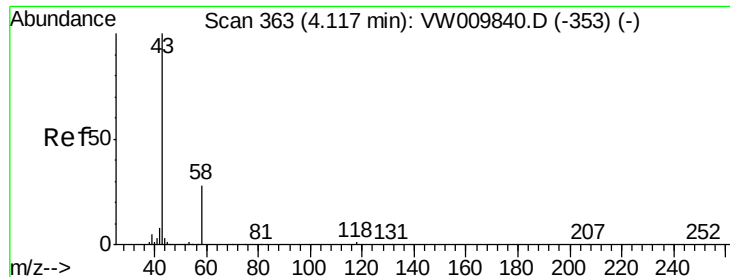
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QLast Update : Wed Apr 10 04:42:28 2019
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#13

Acetone

Concen: 2.035 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009859.D

Acq: 10 Apr 2019 01:28

Instrument :

MSVOA_W

ClientSampleId :

BF117

Tot Ion: 43 Resp: 4057

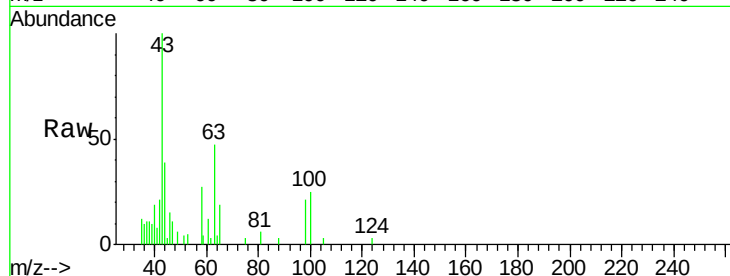
Ion Ratio Lower Upper

43 100

58 18.7 0.0 53.0

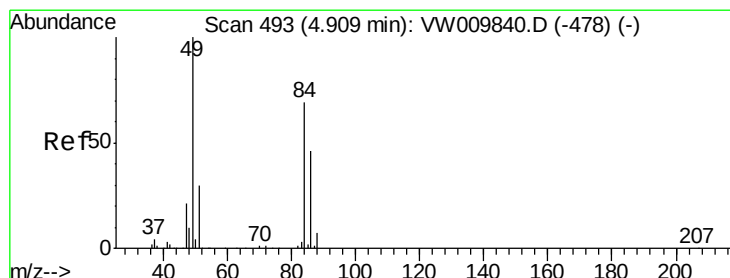
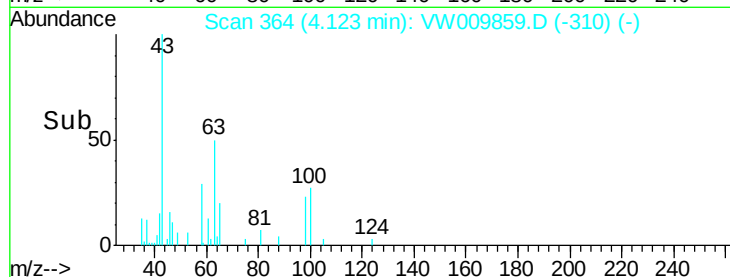
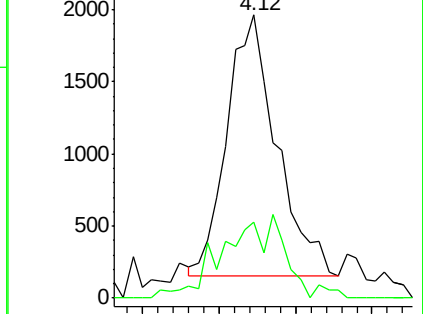
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.062 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009859.D

Acq: 10 Apr 2019 01:28

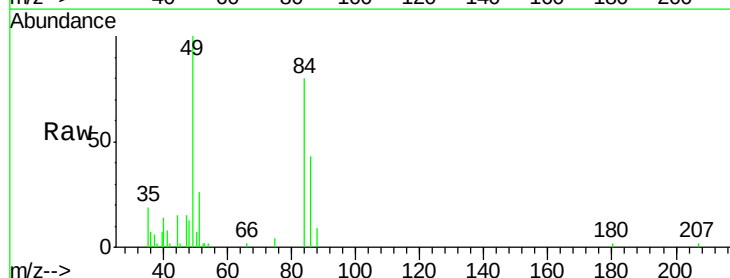
Tgt Ion: 84 Resp: 8200

Ion Ratio Lower Upper

84 100

49 125.0 98.3 182.5

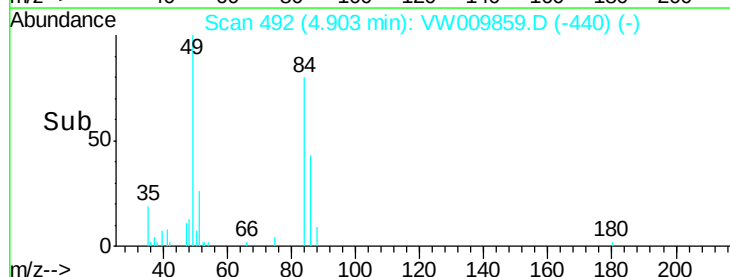
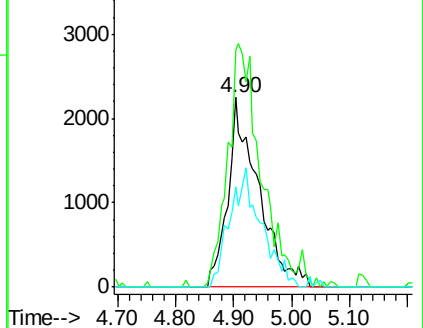
86 53.2 46.4 86.2

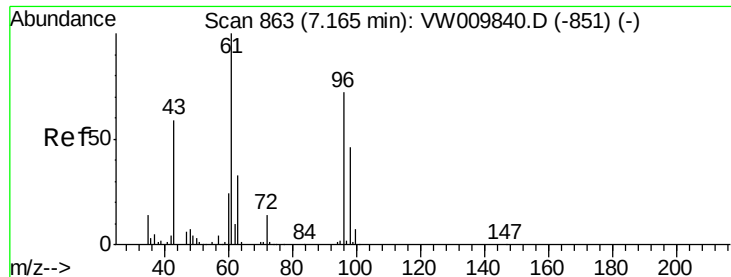


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#22

cis-1,2-Dichloroethene

Concen: 3.324 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009859.D

Acq: 10 Apr 2019 01:28

Instrument :

MSVOA_W

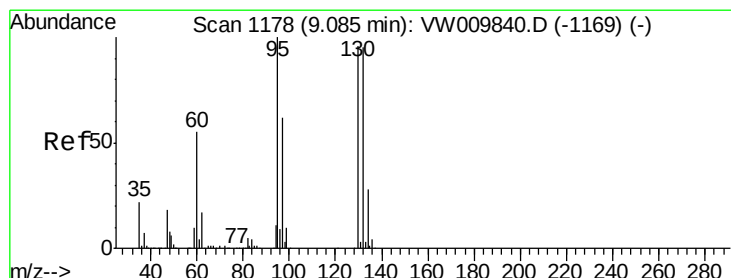
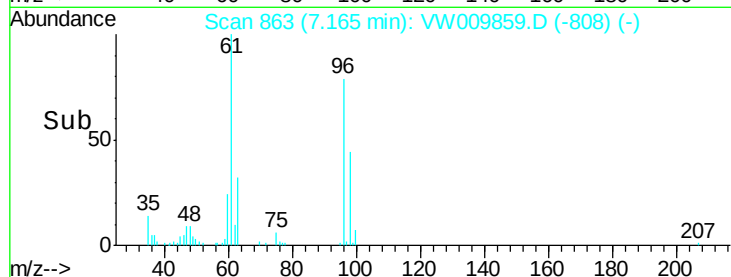
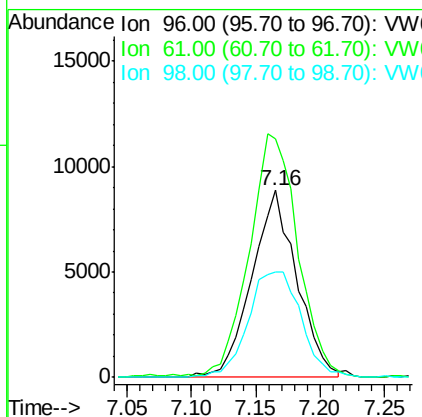
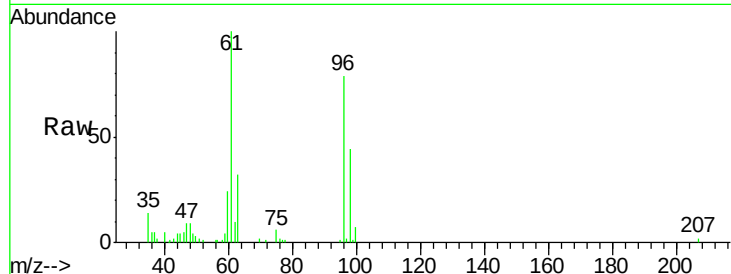
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Tot Ion:	96	Resp:	21510
Ion	Ratio	Lower	Upper
96	100		
61	127.3	96.8	179.8
98	56.1	43.5	80.9

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#35

Trichloroethene

Concen: 0.993 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009859.D

Acq: 10 Apr 2019 01:28

Tgt Ion:	95	Resp:	6585
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.9	83.5
132	89.5	67.1	124.7
130	92.7	69.2	128.6

