

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016684.D
 Acq On : 29 Sep 2020 11:53
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 10/1/2020 2:43:04 PM

Quant Time: Sep 30 08:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	592379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	529016	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	263648	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	91374	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	2.91	69	84957	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
10) 1,1-Dichloroethene-d2	4.03	63	156950	12.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.96%
20) 2-Butanone-d5	7.09	46	60529	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
24) Chloroform-d	7.66	84	277384	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	140228	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.28	84	489634	20.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.56%
33) 1,2-Dichloropropane-d6	9.28	67	144570	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.96%
37) Toluene-d8	10.33	98	447470	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.68%
38) trans-1,3-Dichloropropene-	10.58	79	63473	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.32%
39) 2-Hexanone-d5	10.93	63	49709	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119674	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	199278	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds					Ovalue
13) Acetone	4.14	43	2144m	1.751 ug/L	
16) Methylene chloride	4.93	84	12998	1.423 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	19870	1.958 ug/L	98

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

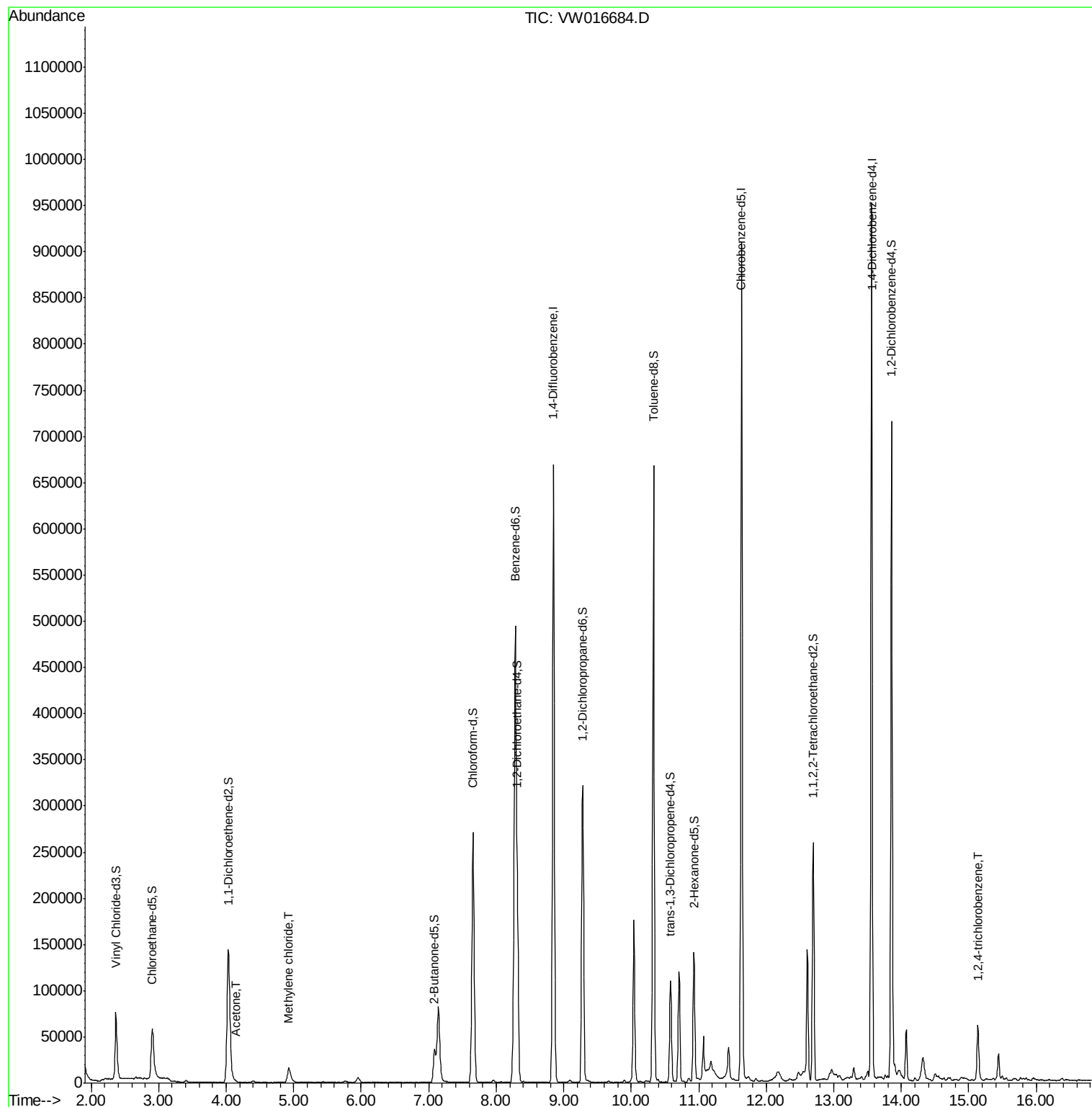
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092920\
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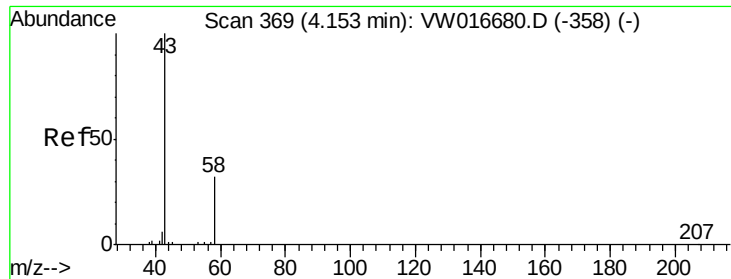
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#13

Acetone

Concen: 1.751 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016684.D

Acq: 29 Sep 2020 11:53

Instrument :

MSVOA_W

ClientSampled :

VIBLK

Tot Ion: 43 Resp: 2144

Ion Ratio Lower Upper

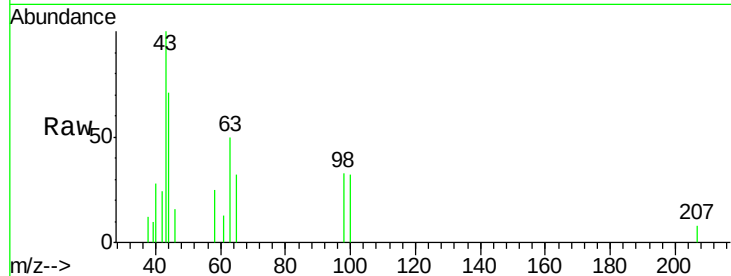
43 100

58 5.2 0.0 60.2

Manual Integrations
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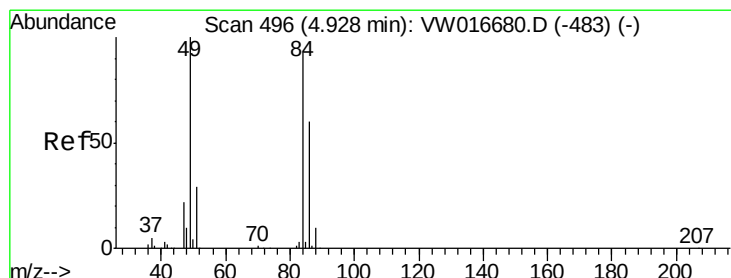
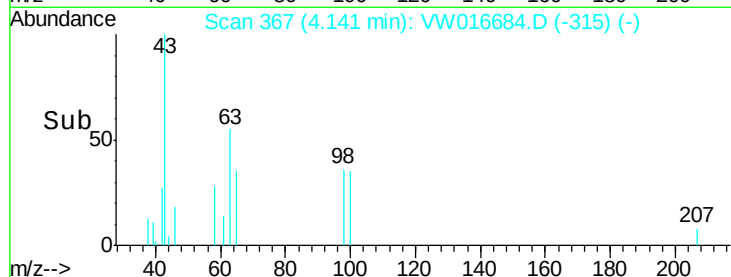
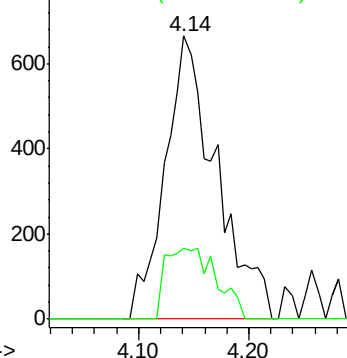
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.423 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016684.D

Acq: 29 Sep 2020 11:53

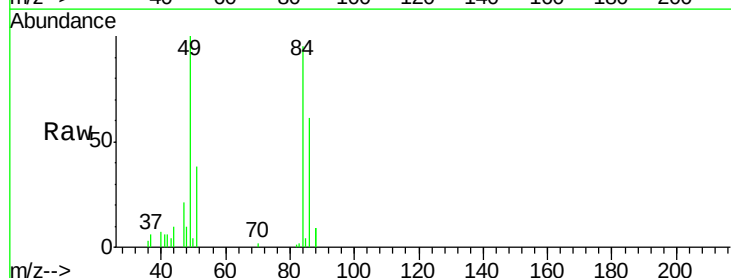
Tgt Ion: 84 Resp: 12998

Ion Ratio Lower Upper

84 100

49 104.9 76.0 141.2

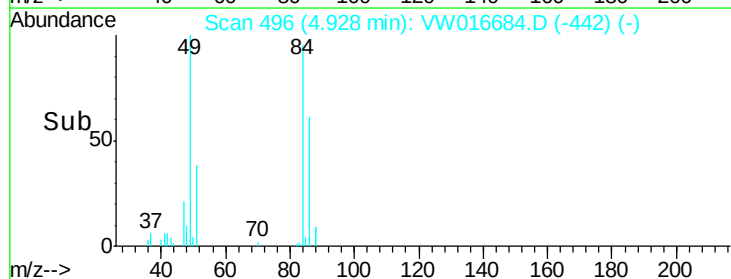
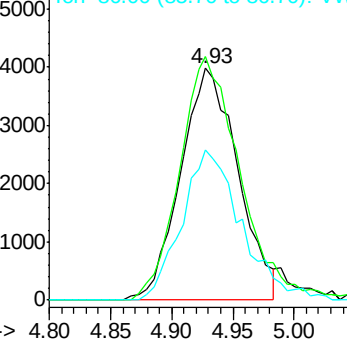
86 64.5 45.6 84.6

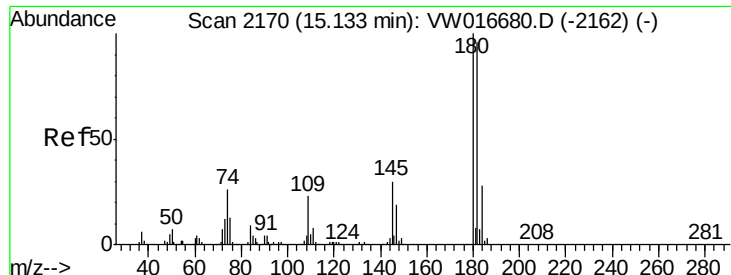


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#68
 1,2,4-trichlorobenzene
 Concen: 1.958 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.5	111.7
145	31.9	23.1	34.7

Manual Integrations
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