

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009798.D
 Acq On : 07 Apr 2019 04:25
 Operator : SY/VA
 Sample : K2217-19
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF609

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:28 AM

Quant Time: Apr 08 00:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	68978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	38438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	6329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47138	52.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	208.88%#
7) Chloroethane-d5	2.89	69	56801	68.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	274.76%#
10) 1,1-Dichloroethene-d2	4.01	63	83859	43.20	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	172.80%#
20) 2-Butanone-d5	7.08	46	69261	236.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	472.66%#
24) Chloroform-d	7.64	84	192751	102.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	409.64%#
26) 1,2-Dichloroethane-d4	8.31	65	91515	79.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	316.80%#
29) Benzene-d6	8.27	84	285399	141.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	565.76%#
33) 1,2-Dichloropropane-d6	9.27	67	116966	187.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	750.68%#
37) Toluene-d8	10.32	98	149942	80.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	321.48%#
38) trans-1,3-Dichloropropene-	10.57	79	9448	31.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	127.16%
39) 2-Hexanone-d5	10.93	63	28498	242.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	485.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80975	139.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	559.00%#
61) 1,2-Dichlorobenzene-d4	13.86	152	19477	87.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	350.80%#

Target Compounds					Ovalue
13) Acetone	4.11	43	8538m	27.190	ug/L
16) Methylene chloride	4.90	84	9073m	7.458	ug/L
44) Toluene	10.39	91	1800	0.735	ug/L

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

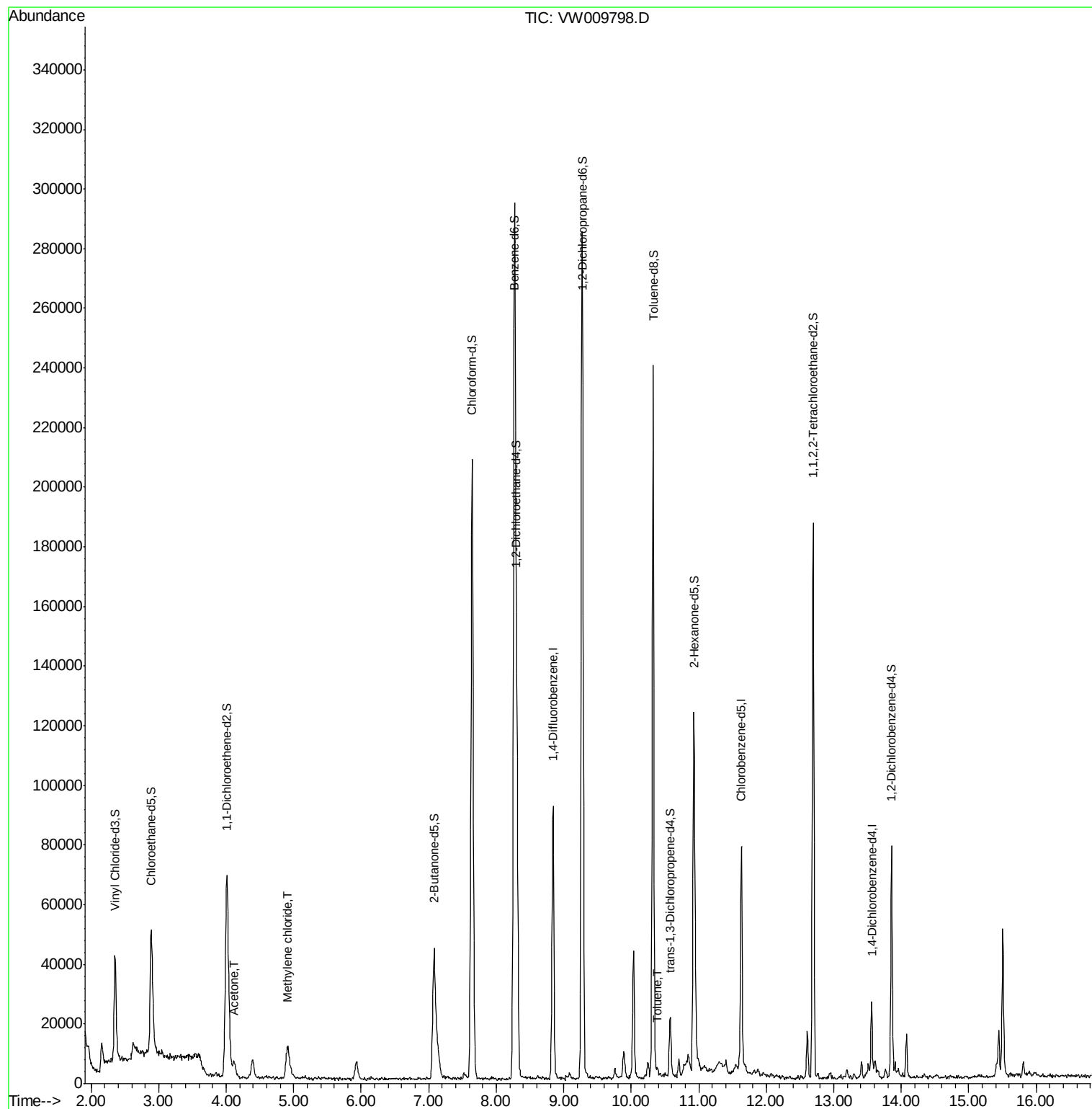
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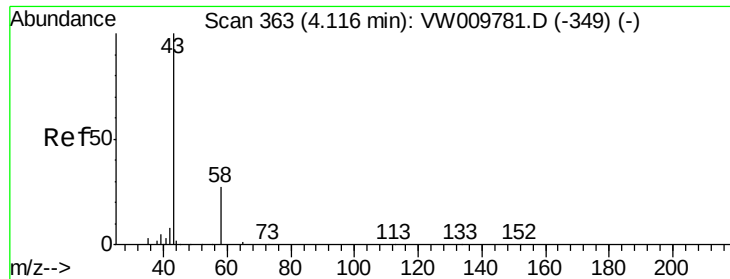
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#13

Acetone

Concen: 27.190 ug/L m

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009798.D

Acq: 07 Apr 2019 04:25

Tot Ion: 43 Resp: 8538

Ion Ratio Lower Upper

43 100

58 0.5 0.0 53.0

Instrument :

MSVOA_W

ClientSampleId :

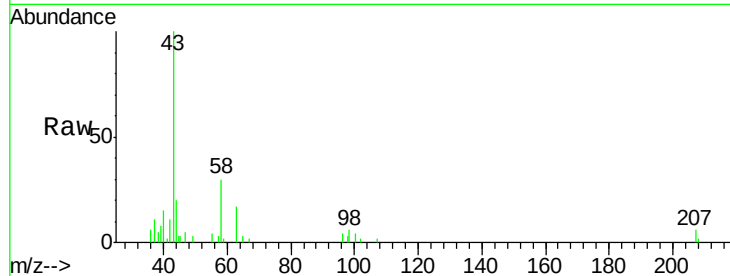
BF609

Manual Integrations

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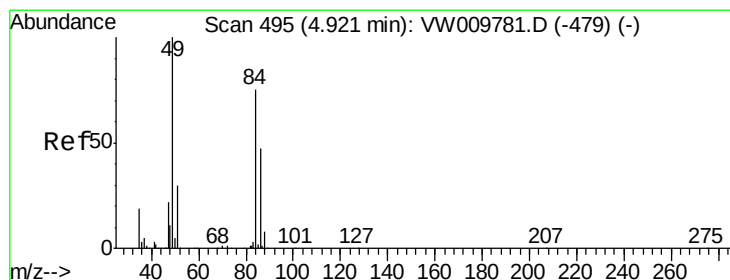
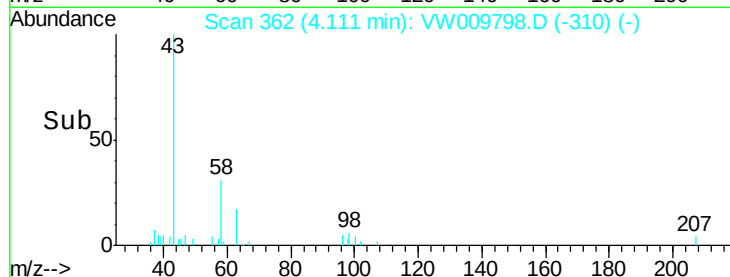
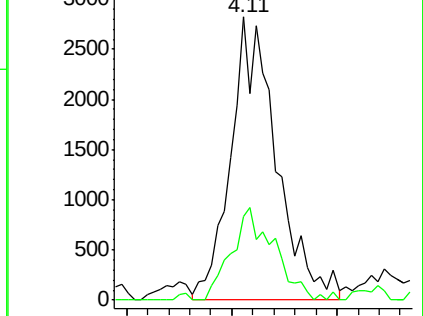
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.458 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009798.D

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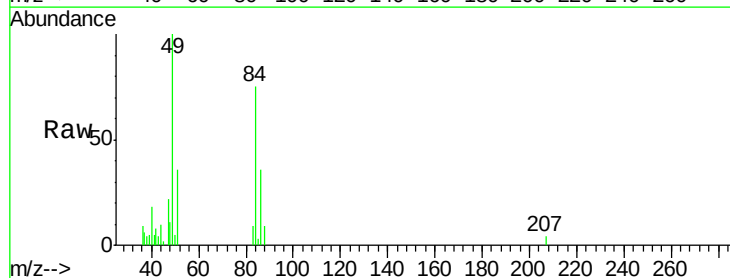
Tgt Ion: 84 Resp: 9073

Ion Ratio Lower Upper

84 100

49 132.5 98.3 182.5

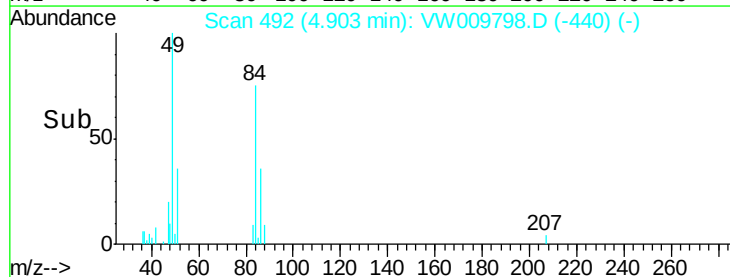
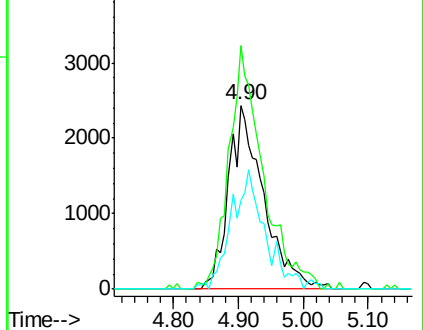
86 47.9 46.4 86.2

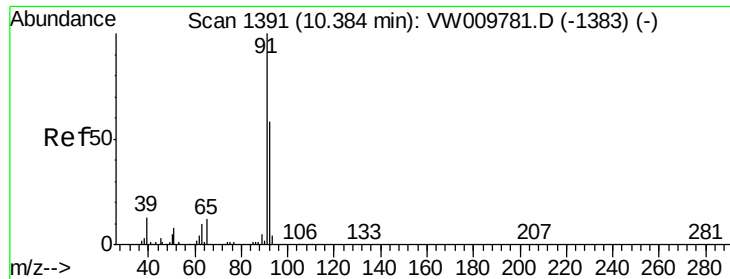


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44
Toluene
Concen: 0.735 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1800		
92	55.0		40.5	75.1	

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