

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017315.D
 Acq On : 18 Nov 2020 03:27
 Operator : SY/VA
 Sample : L4738-21
 Misc : 2.66G/10ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y8

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:10:06 AM

Quant Time: Nov 18 06:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	225624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	94583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90880	31.98	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.92%
7) Chloroethane-d5	2.89	69	81883	37.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	149.56%
10) 1,1-Dichloroethene-d2	4.01	63	112657	22.16	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.64%
20) 2-Butanone-d5	7.09	46	41275	64.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.90%
24) Chloroform-d	7.65	84	169879	32.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.00%
26) 1,2-Dichloroethane-d4	8.31	65	75896	28.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.92%
29) Benzene-d6	8.27	84	292180	60.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	242.64%#
33) 1,2-Dichloropropane-d6	9.27	67	80047	60.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	240.32%#
37) Toluene-d8	10.33	98	180514	39.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	159.00%#
38) trans-1,3-Dichloropropene-	10.58	79	17349	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.52%
39) 2-Hexanone-d5	10.93	63	16981	73.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27796	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	10732	22.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.92%

Target Compounds					Ovalue
13) Acetone	4.14	43	6088	14.307 ug/L	64
16) Methylene chloride	4.91	84	12941m	4.254 ug/L	
44) Toluene	10.39	91	1960	0.359 ug/L	95

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

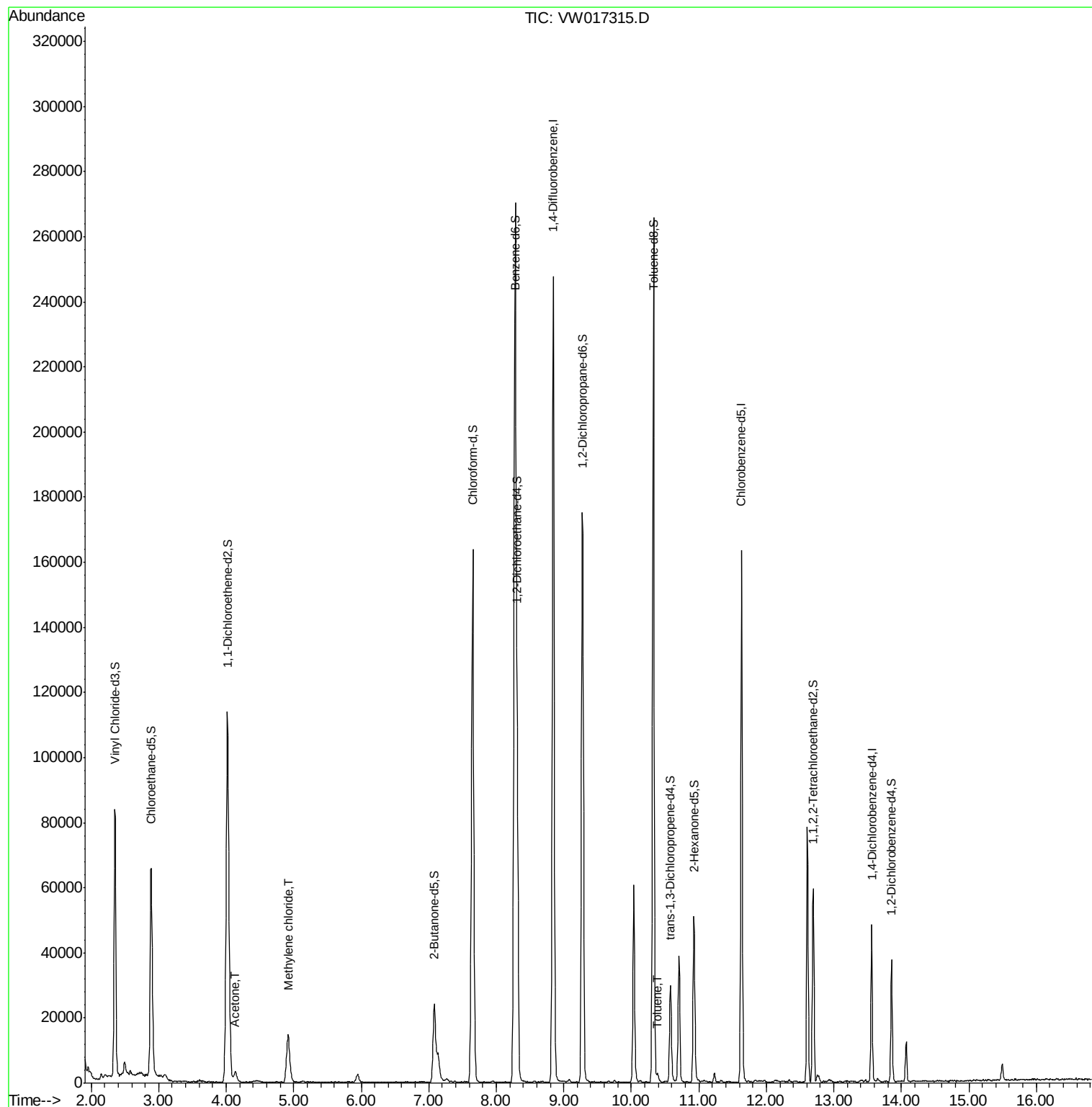
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017315.D
Acq On : 18 Nov 2020 03:27
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ALS Vial : 52 Sample Multiplier: 1

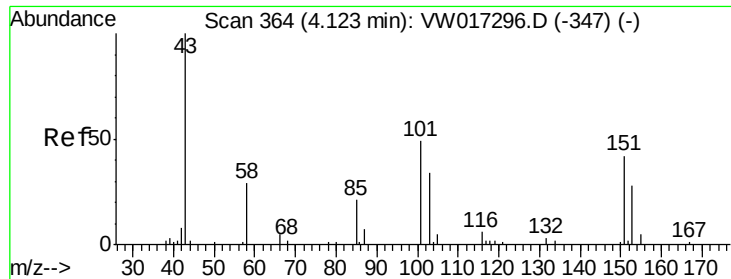
Instrument :
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ClientSampleId :
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Quant Time: Nov 18 06:06:19 2020
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Response via : Initial Calibration





#13

Acetone

Concen: 14.307 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017315.D

Acq: 18 Nov 2020 03:27

Instrument :

MSVOA_W

ClientSampleId :

GB0Y8

Tot Ion: 43 Resp: 6088

Ion Ratio Lower Upper

43 100

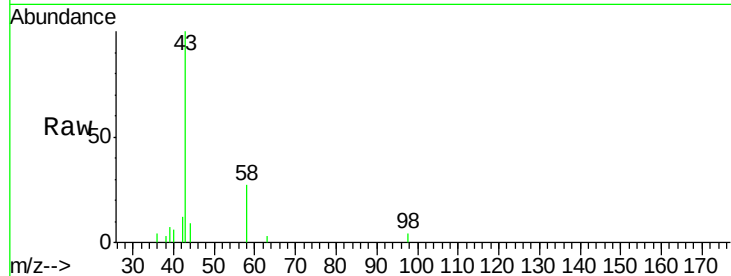
58 13.6 0.0 69.2

Manual Integrations

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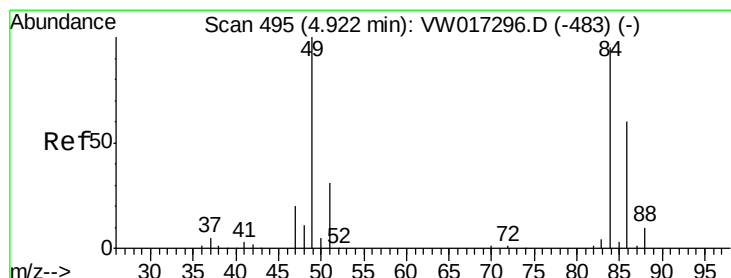
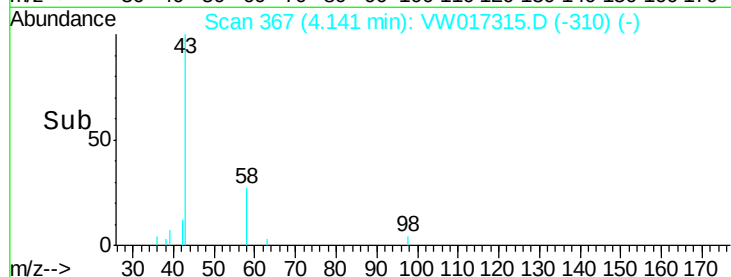
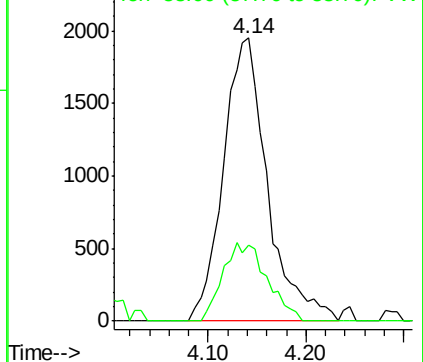
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.254 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017315.D

Acq: 18 Nov 2020 03:27

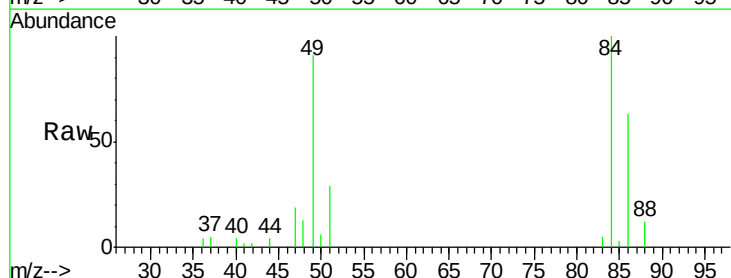
Tgt Ion: 84 Resp: 12941

Ion Ratio Lower Upper

84 100

49 91.2 72.3 134.3

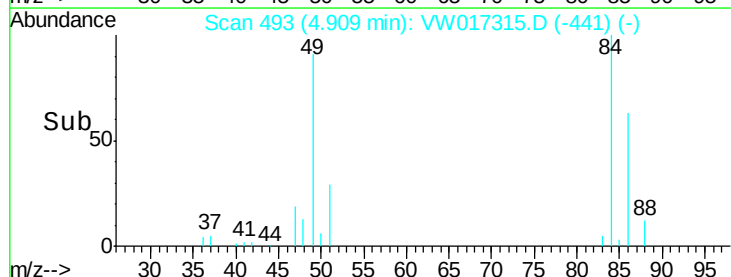
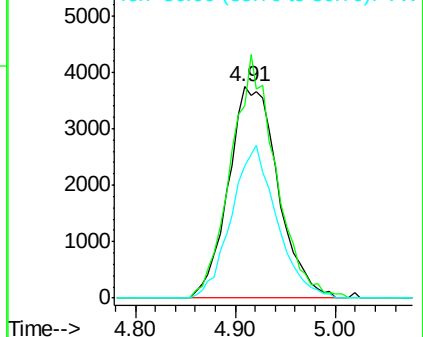
86 62.9 45.1 83.7

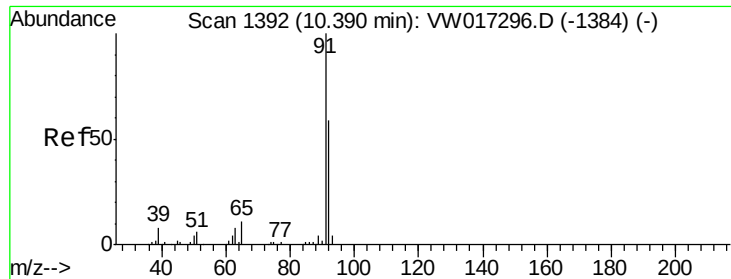


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.359 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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Tot Ion: 91 Resp: 1960

Ion Ratio Lower Upper

91 100

92 55.7 41.4 76.8

Manual Integrations

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