

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016800.D
 Acq On : 06 Oct 2020 18:11
 Operator : SY/VA
 Sample : VW1007SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK26

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:23 PM

Quant Time: Oct 07 15:27:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	526156	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117189	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
7) Chloroethane-d5	2.90	69	97540	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
10) 1,1-Dichloroethene-d2	4.02	63	178115	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	7.09	46	59047	50.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.44%
24) Chloroform-d	7.65	84	244000	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	8.31	65	127106	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.27	84	496338	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	133524	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.32	98	463710	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	57712	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	47802	53.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112911	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	174191	23.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.04%

Target Compounds					Ovalue
13) Acetone	4.14	43	2232m	2.509 ug/L	
16) Methylene chloride	4.92	84	8099	1.115 ug/L	100

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

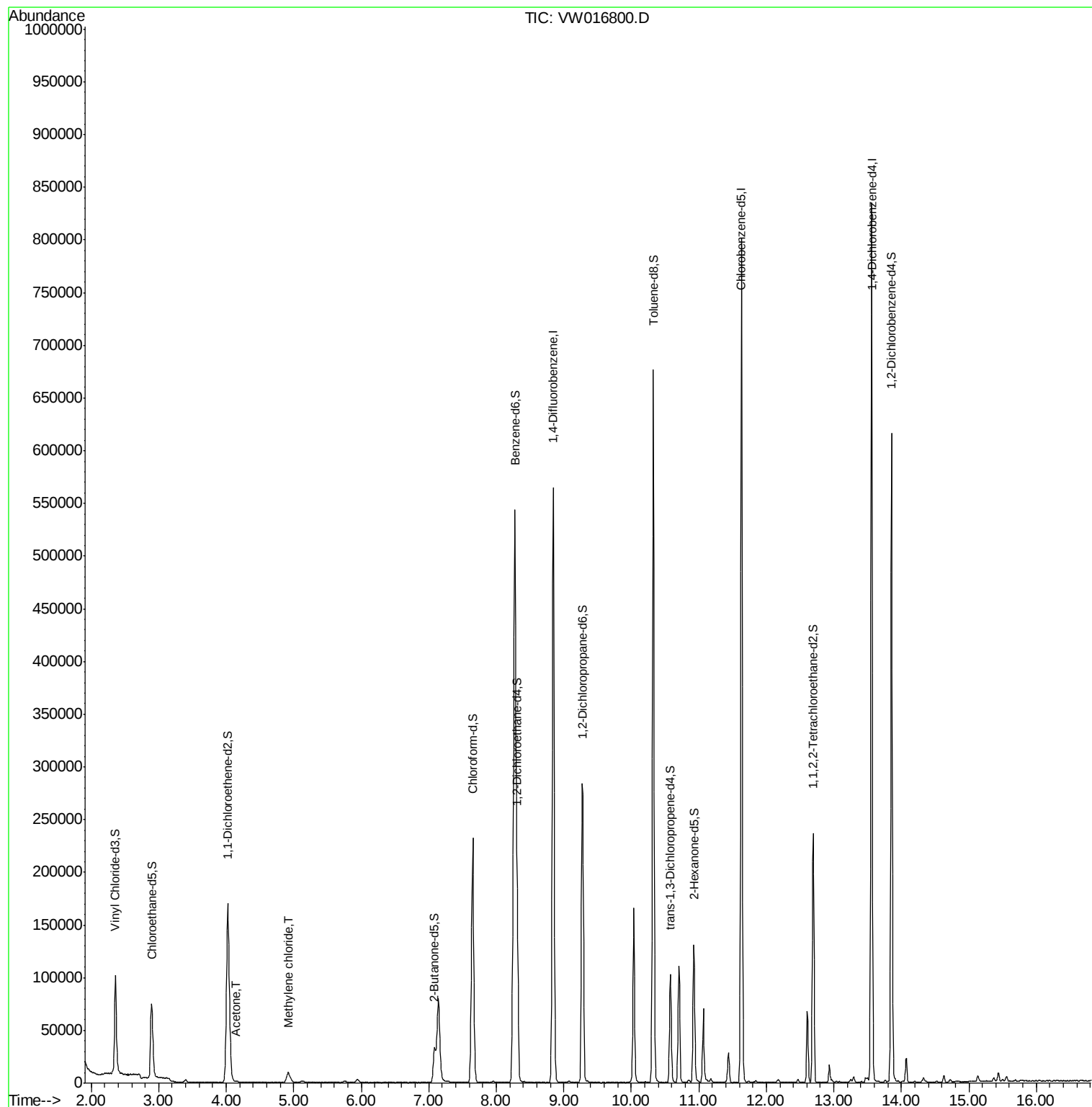
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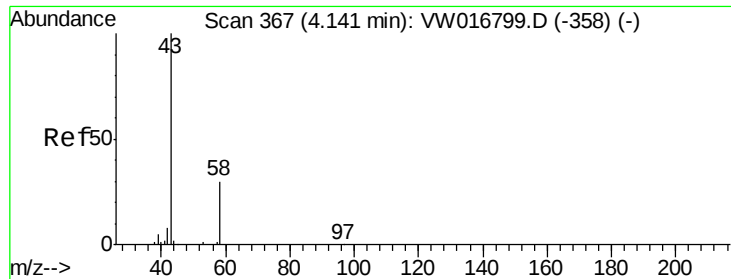
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#13

Acetone

Concen: 2.509 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016800.D

Acq: 06 Oct 2020 18:11

Tot Ion: 43 Resp: 2232

Ion Ratio Lower Upper

43 100

58 8.2 0.0 67.6

Instrument :

MSVOA_W

ClientSampled :

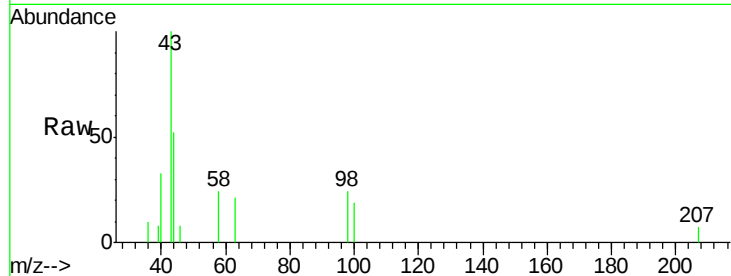
VBLK26

Manual Integrations

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10/8/2020 5:38:23 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

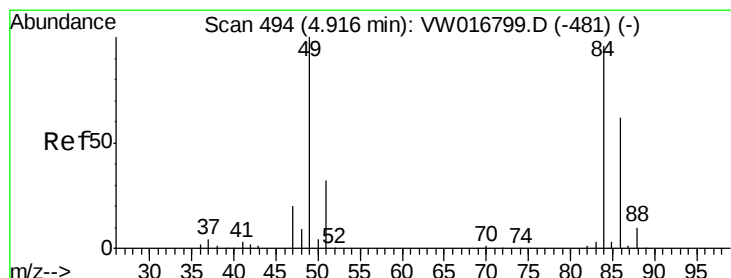
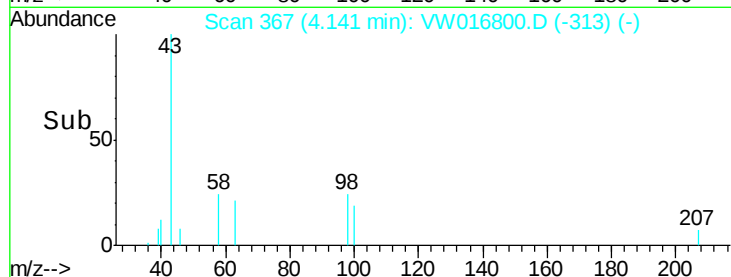
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 1.115 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016800.D

Acq: 06 Oct 2020 18:11

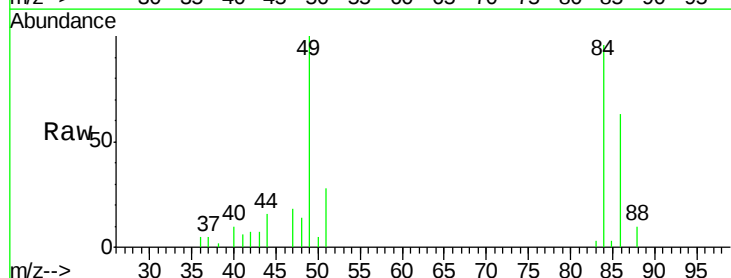
Tgt Ion: 84 Resp: 8099

Ion Ratio Lower Upper

84 100

49 104.4 73.1 135.8

86 65.3 46.0 85.4



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

4.92

3000

2000

1000

0

Time--> 4.80 4.85 4.90 4.95 5.00

