

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016803.D
 Acq On : 06 Oct 2020 19:34
 Operator : SY/VA
 Sample : L4144-05
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

SAM
 10/12/2020 6:10:33 PM

Quant Time: Oct 07 03:37:29 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	529692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	484215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115850	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
7) Chloroethane-d5	2.90	69	97782	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.03	63	175117	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	7.09	46	53018	44.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.58%
24) Chloroform-d	7.65	84	244447	21.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	8.31	65	123207	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	8.28	84	502040	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	134542	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.33	98	474110	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
38) trans-1,3-Dichloropropene-	10.58	79	55478	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.93	63	41475	45.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104971	21.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	165409	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds					Ovalue
13) Acetone	4.14	43	1846	2.061 ug/L	67
16) Methylene chloride	4.92	84	5552m	0.759 ug/L	

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

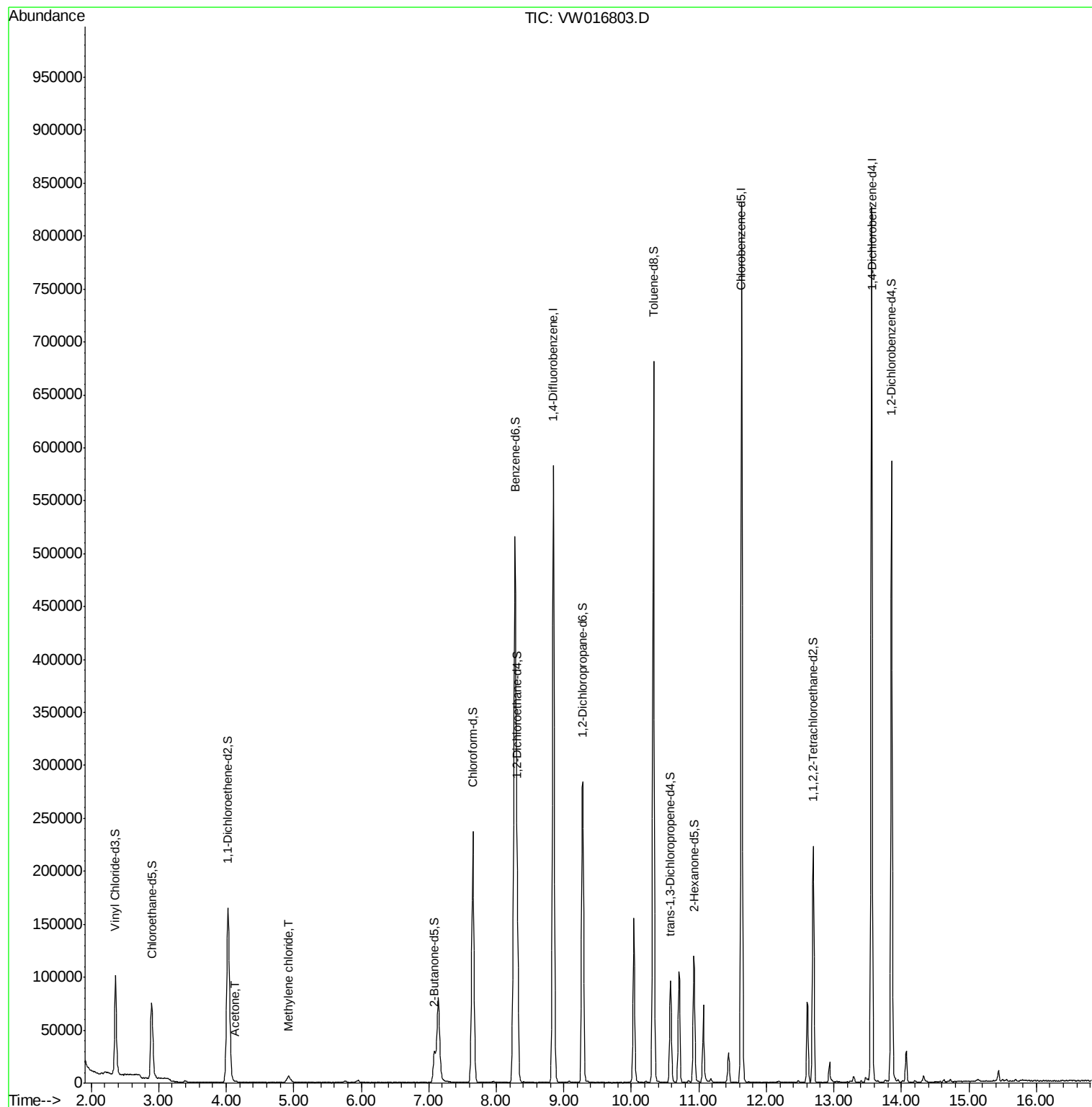
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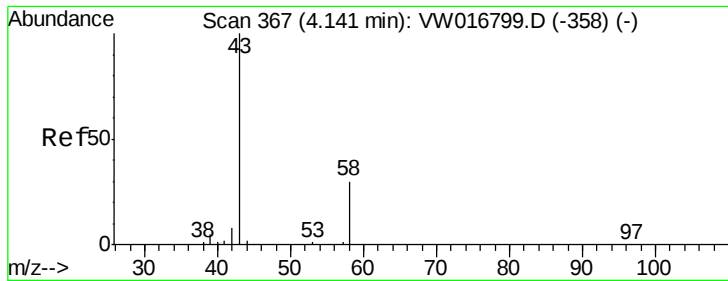
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#13

Acetone

Concen: 2.061 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016803.D

Acq: 06 Oct 2020 19:34

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

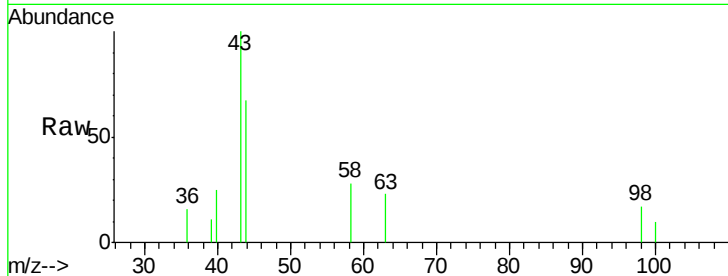
58 15.0 0.0 67.6

Manual Integrations

APPROVED

SAM

10/12/2020 6:10:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

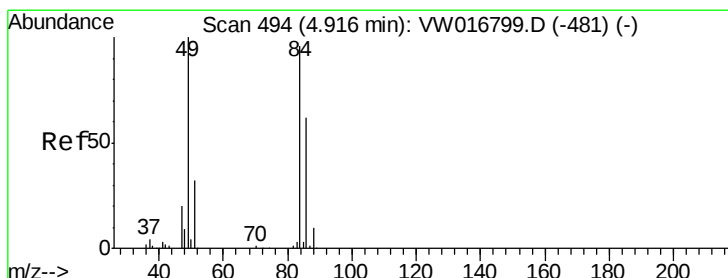
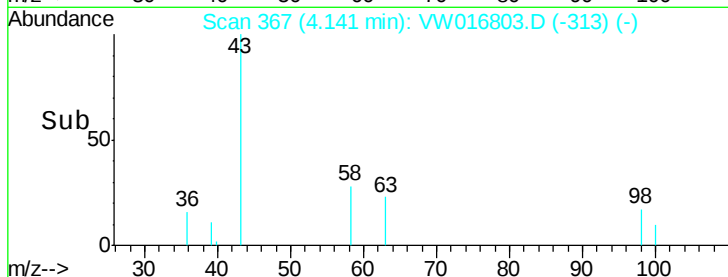
600

400

200

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 0.759 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 06 Oct 2020 19:34

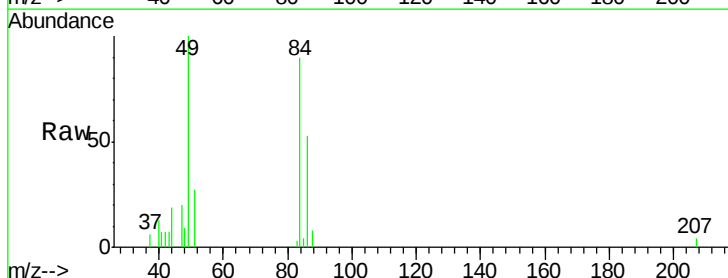
Tgt Ion: 84 Resp: 5552

Ion Ratio Lower Upper

84 100

49 111.5 73.1 135.8

86 59.5 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

2000

1500

1000

500

0

Time--> 4.80 4.90 5.00

