

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017882.D
 Acq On : 14 Jan 2021 16:04
 Operator : SY/VA
 Sample : M1099-04RE
 Misc : 2.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C04RE

Quant Time: Jan 15 00:03:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	168024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	147932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	62189	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62300	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
7) Chloroethane-d5	2.89	69	50903	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
10) 1,1-Dichloroethene-d2	4.01	63	81435	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	7.07	46	21614	51.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.60%
24) Chloroform-d	7.65	84	101310	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	8.31	65	57804	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.27	84	198594	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	58027	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	10.32	98	176021	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.58	79	19311	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.44%
39) 2-Hexanone-d5	10.93	63	14453	50.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42087	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	48557	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

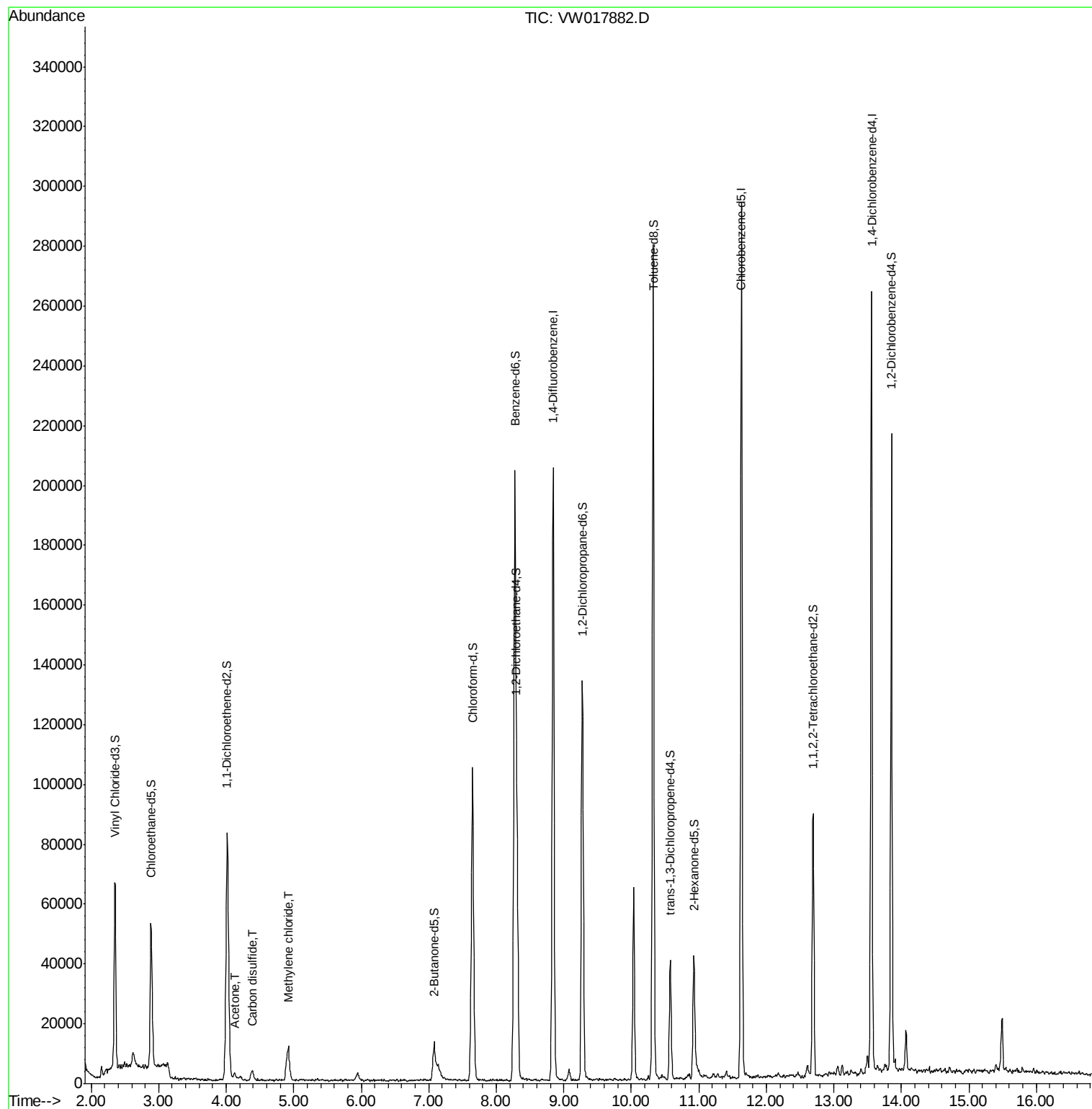
					Ovalue
13) Acetone	4.12	43	4041	11.106	ug/L 93
14) Carbon disulfide	4.38	76	6504	1.052	ug/L # 92
16) Methylene chloride	4.91	84	7680	3.196	ug/L 89

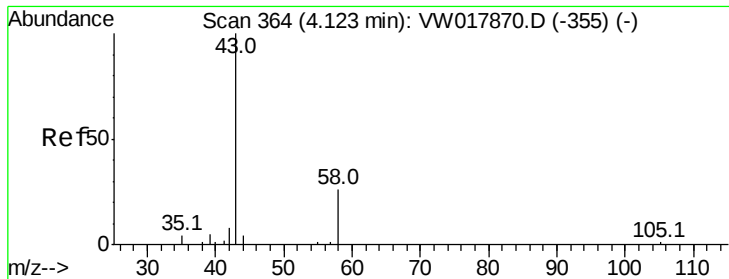
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.106 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017882.D

Acq: 14 Jan 2021 16:04

Instrument :

MSVOA_W

ClientSampleId :

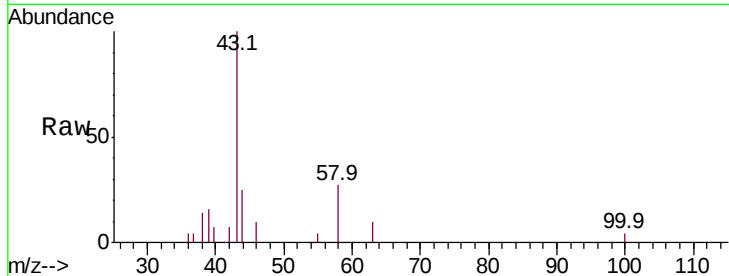
F1C04RE

Tot Ion: 43 Resp: 4041

Ion Ratio Lower Upper

43 100

58 26.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

1000

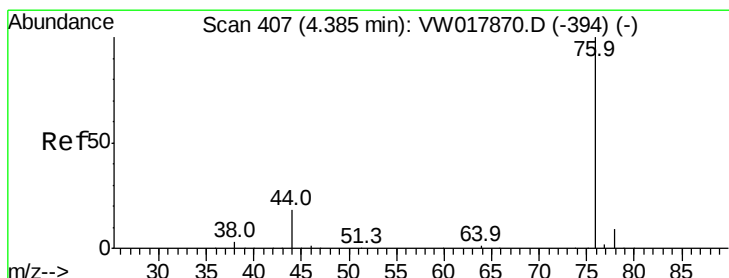
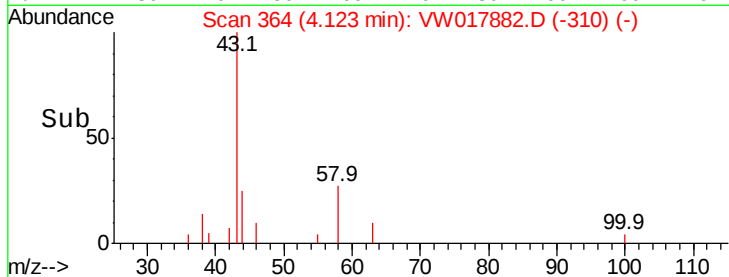
500

0

4.12

4.10 4.12 4.14 4.16 4.18 4.20

Time-->



#14

Carbon disulfide

Concen: 1.052 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

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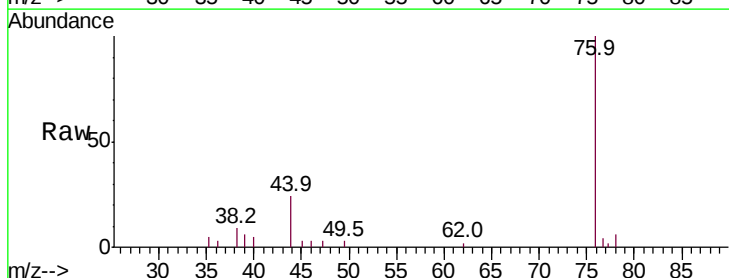
Acq: 14 Jan 2021 16:04

Tgt Ion: 76 Resp: 6504

Ion Ratio Lower Upper

76 100

78 5.9 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

2500

2000

1500

1000

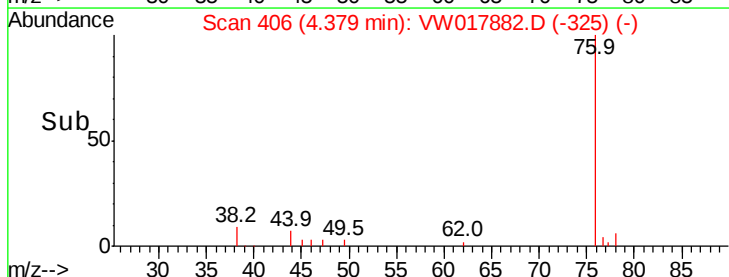
500

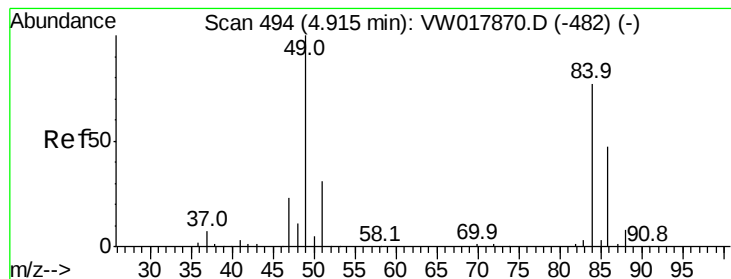
0

4.38

4.30 4.35 4.40 4.45

Time-->





#16
 Methvlene chloride
 Concen: 3.196 ug/L
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
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 Acq: 14 Jan 2021 16:04

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C04RE

Tot Ion: 84 Resp: 7680
 Ion Ratio Lower Upper
 84 100
 49 117.8 90.5 168.1
 86 52.8 44.8 83.2

