

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017503.D
 Acq On : 25 Nov 2020 15:04
 Operator : SY/VA
 Sample : L4819-21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	427193	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389695	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129902	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	2.89	69	101466	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	4.03	63	211856	16.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	7.09	46	71082	59.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.96%
24) Chloroform-d	7.65	84	274805	22.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	8.31	65	150010	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	548118	22.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.48%
33) 1,2-Dichloropropane-d6	9.27	67	159061	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.32	98	498137	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
38) trans-1,3-Dichloropropene-	10.58	79	70107	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.64%
39) 2-Hexanone-d5	10.93	63	47920	58.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126172	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	179672	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

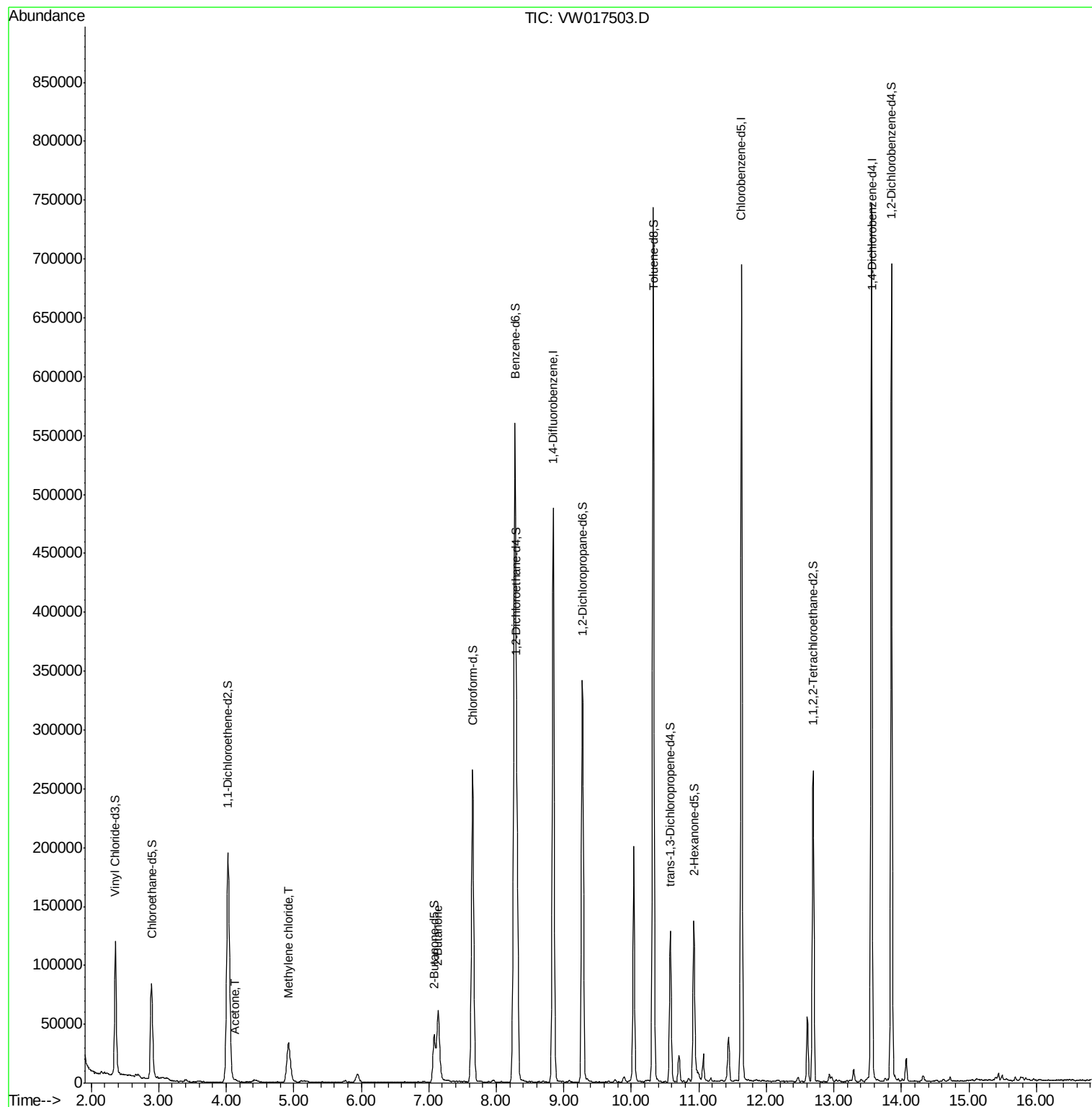
Target Compounds					Ovalue
13) Acetone	4.14	43	2558	2.243 ug/L	68
16) Methylene chloride	4.92	84	29141	4.543 ug/L	91
21) 2-Butanone	7.13	43	1079	0.791 ug/L	90

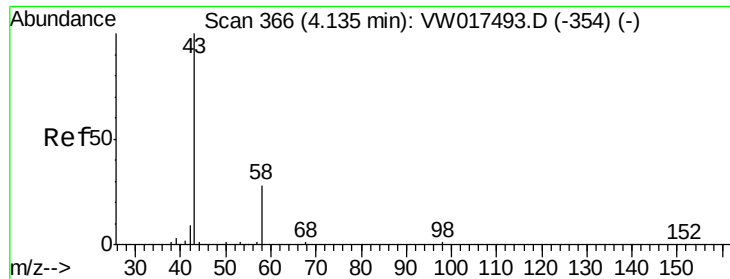
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.243 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

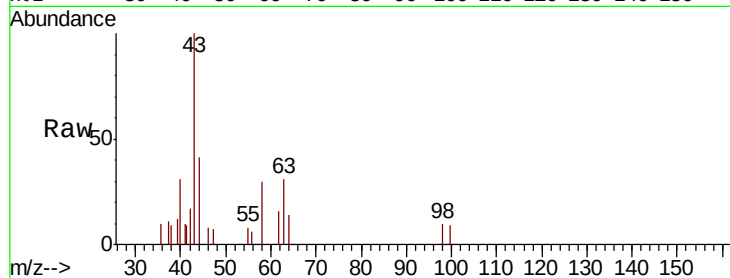
ClientSampled :

Tot Ion: 43 Resp: 2558

Ion Ratio Lower Upper

43 100

58 16.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

400

200

0

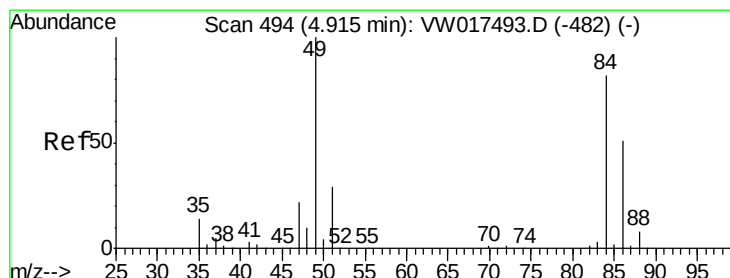
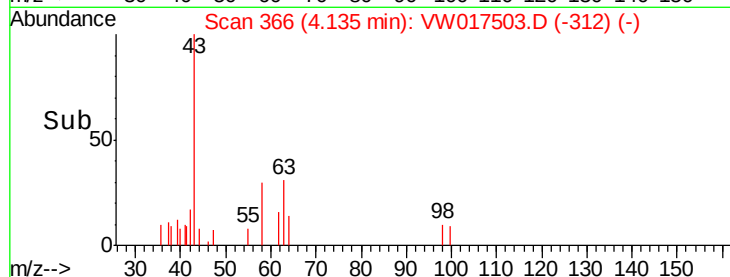
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 4.543 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017503.D

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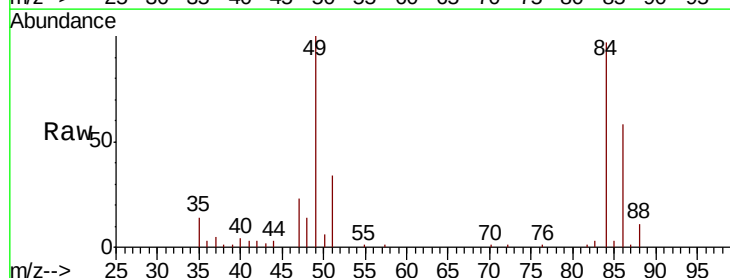
Tgt Ion: 84 Resp: 29141

Ion Ratio Lower Upper

84 100

49 103.6 81.2 150.8

86 60.5 44.5 82.7



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

10000

5000

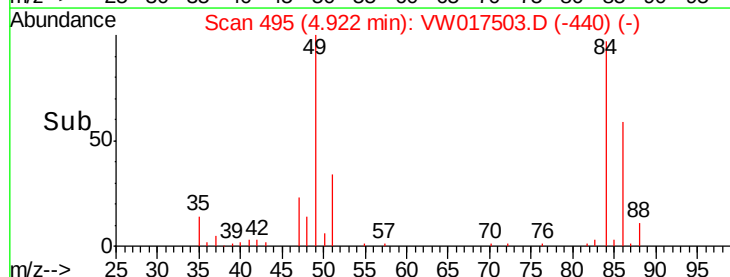
0

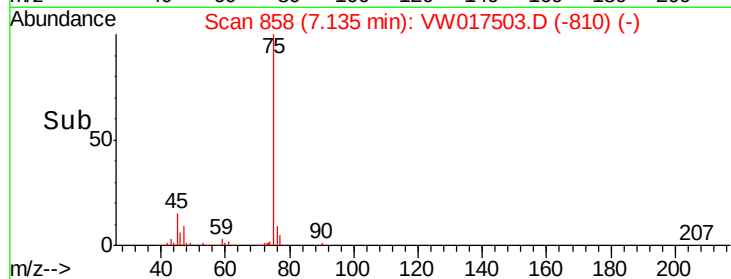
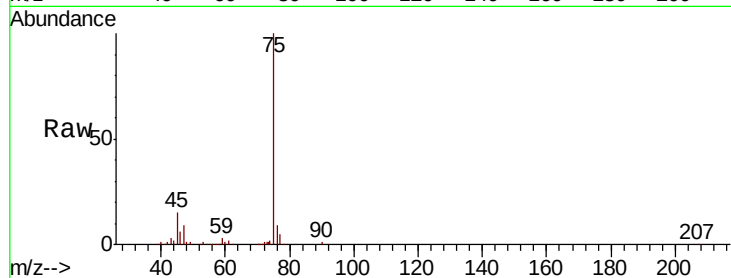
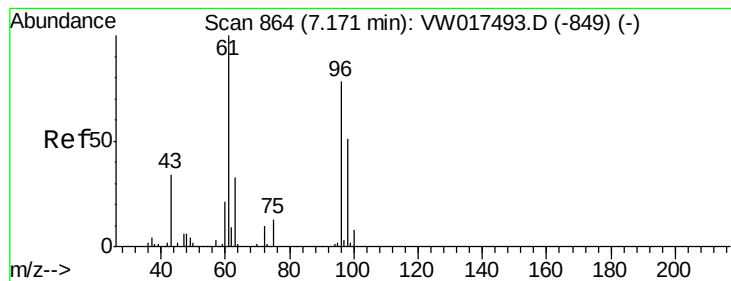
4.80

4.90

5.00

Time-->





#21

2-Butanone

Concen: 0.791 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

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Acq: 25 Nov 2020 15:04

Instrument :
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ClientSampleId :

Tot Ion: 43 Resp: 1079

Ion Ratio Lower Upper

43 100

72 23.7 14.4 43.2

