

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017500.D
 Acq On : 25 Nov 2020 13:53
 Operator : SY/VA
 Sample : L4860-11RE
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:45 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	507917	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	227770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112161	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.16%
7) Chloroethane-d5	2.89	69	94291	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.03	63	198587	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	7.08	46	71590	50.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.62%
24) Chloroform-d	7.65	84	285886	19.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.24%
26) 1,2-Dichloroethane-d4	8.31	65	152023	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	8.27	84	550812	19.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.84%
33) 1,2-Dichloropropane-d6	9.27	67	160599	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.04%
37) Toluene-d8	10.32	98	502715	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	10.58	79	69983	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	49227	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127836	22.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	188311	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds

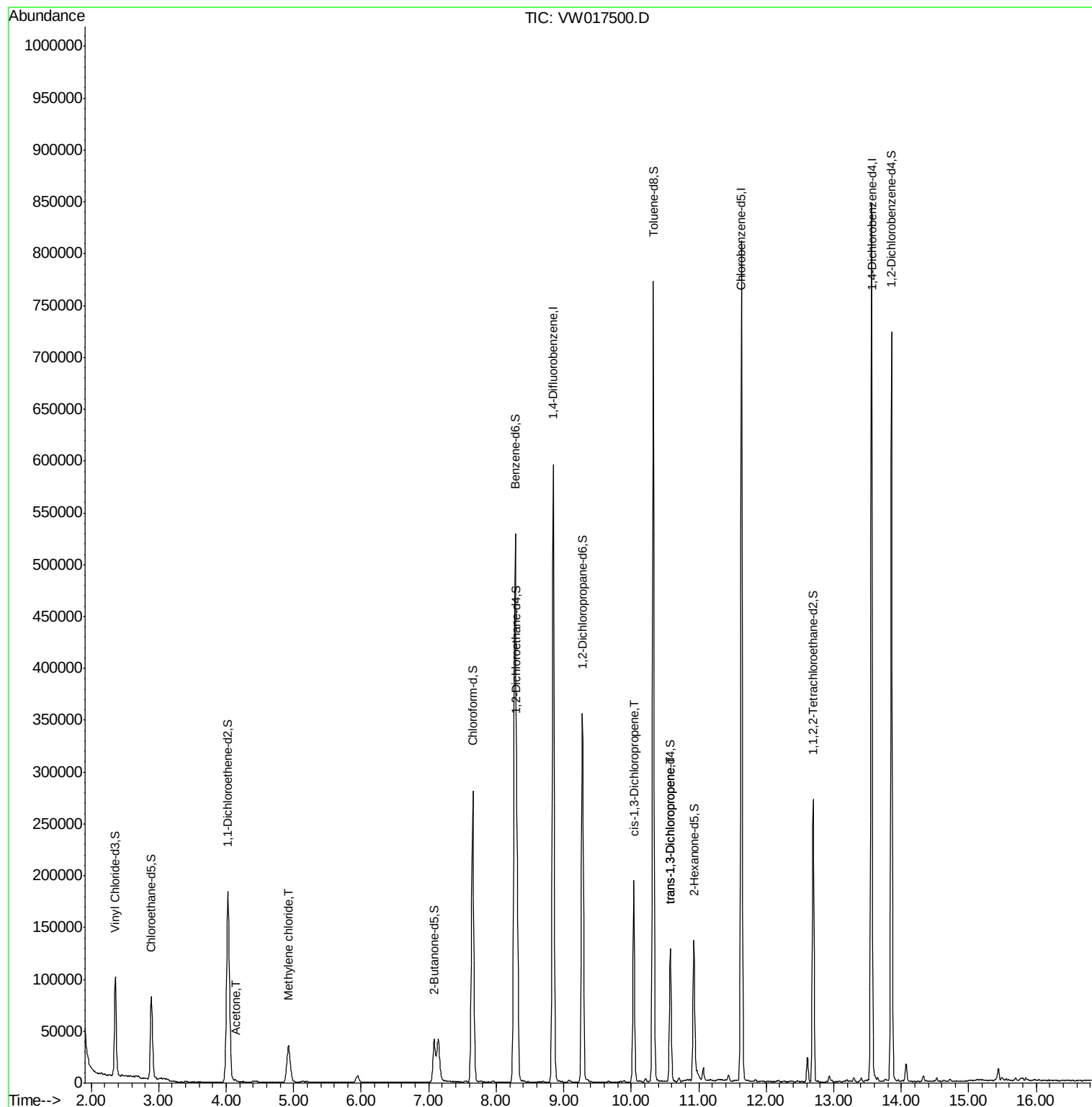
					Ovalue
13) Acetone	4.14	43	2782	2.052 ug/L	64
16) Methylene chloride	4.93	84	31324	4.108 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	5225	0.519 ug/L #	81
45) trans-1,3-Dichloropropene	10.57	75	3211	0.372 ug/L	92

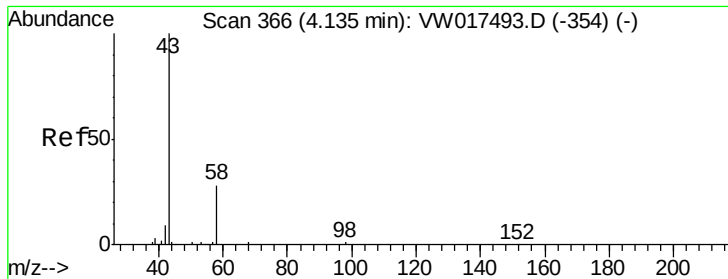
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.052 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

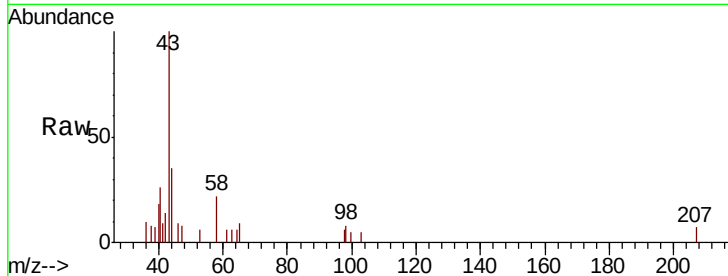
ClientSampleId :

Tot Ion: 43 Resp: 2782

Ion Ratio Lower Upper

43 100

58 13.5 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1200

1000

800

600

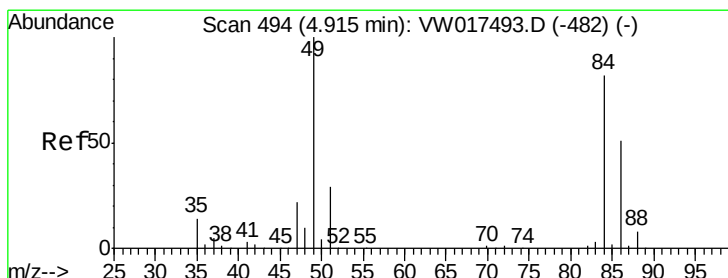
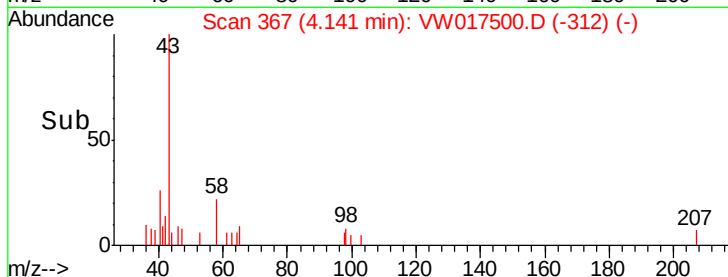
400

200

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 4.108 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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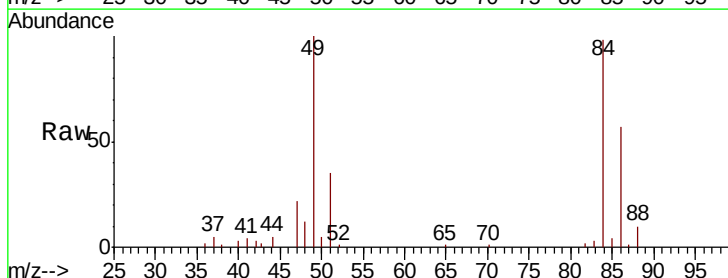
Tgt Ion: 84 Resp: 31324

Ion Ratio Lower Upper

84 100

49 102.1 81.2 150.8

86 57.7 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

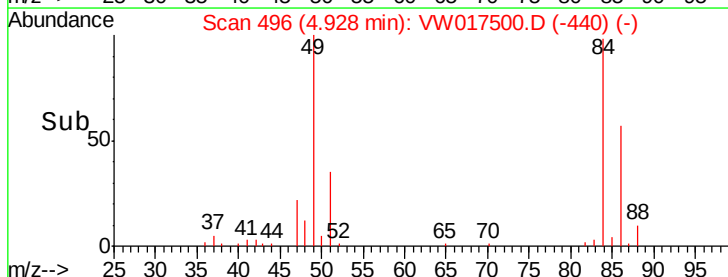
10000

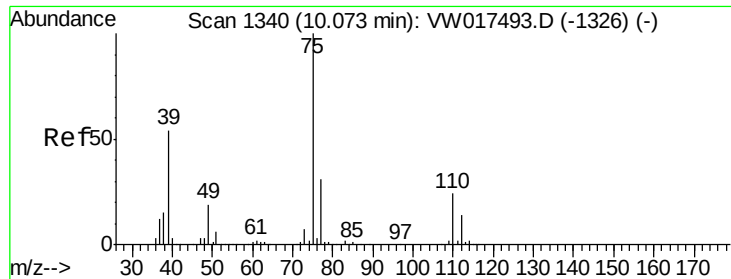
5000

0

4.80 4.90 5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

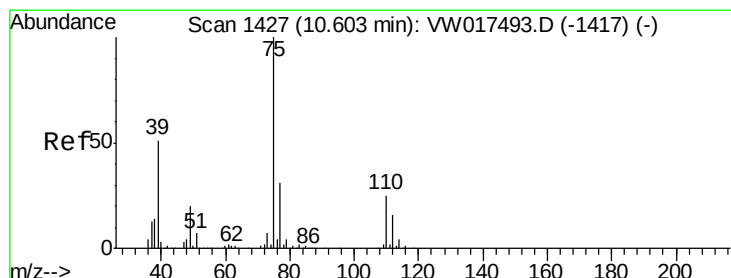
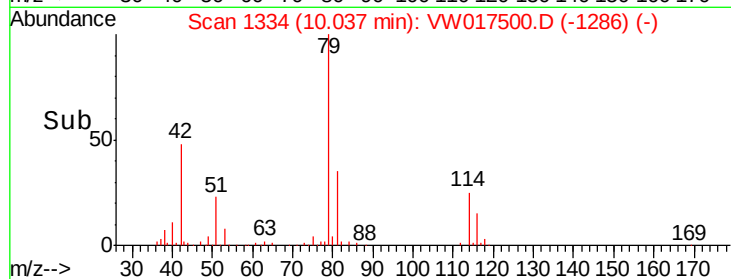
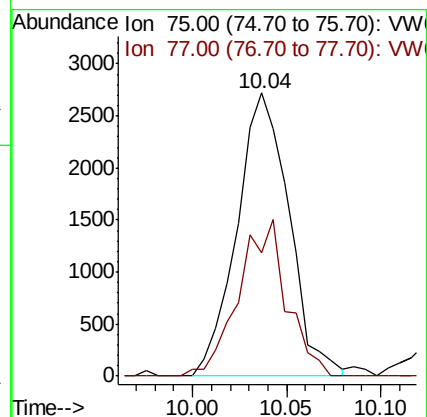
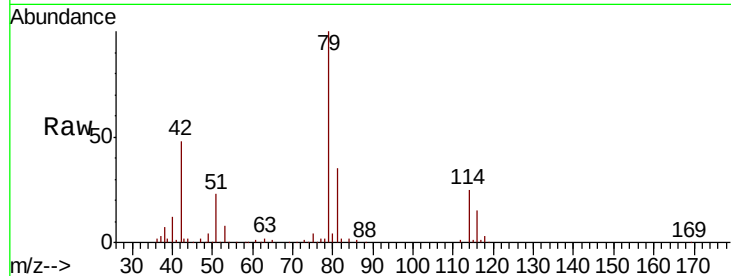
ClientSampleId :

Tot Ion: 75 Resp: 5225

Ion Ratio Lower Upper

75 100

77 43.4 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017500.D

Acq: 25 Nov 2020 13:53

Tgt Ion: 75 Resp: 3211

Ion Ratio Lower Upper

75 100

77 37.0 22.6 42.0

