

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017506.D
 Acq On : 25 Nov 2020 16:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:25:17 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	8.84	114	412146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125994	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
7) Chloroethane-d5	2.89	69	96914	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.72%
10) 1,1-Dichloroethene-d2	4.03	63	206223	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.32%
20) 2-Butanone-d5	7.08	46	70321	61.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.02%
24) Chloroform-d	7.65	84	268089	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	8.31	65	145708	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	536383	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	153712	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
37) Toluene-d8	10.32	98	483884	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	68074	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.93	63	50309	63.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126756	27.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	176083	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

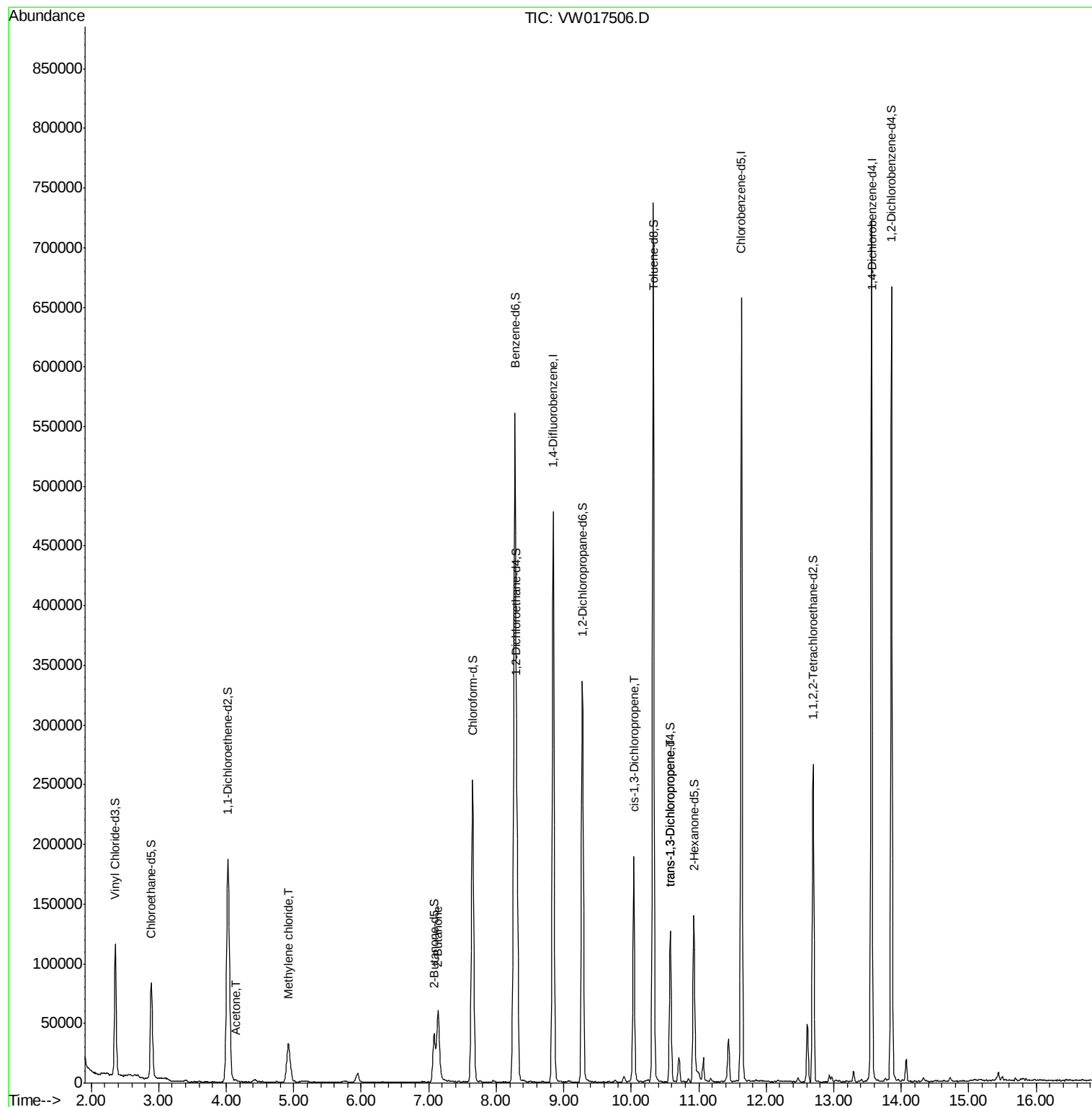
					Ovalue
13) Acetone	4.14	43	1883	1.712 ug/L	83
16) Methylene chloride	4.92	84	14651	2.368 ug/L	97
21) 2-Butanone	7.13	43	1175	0.892 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	5212	0.631 ug/L #	60
45) trans-1,3-Dichloropropene	10.58	75	3645	0.515 ug/L	84

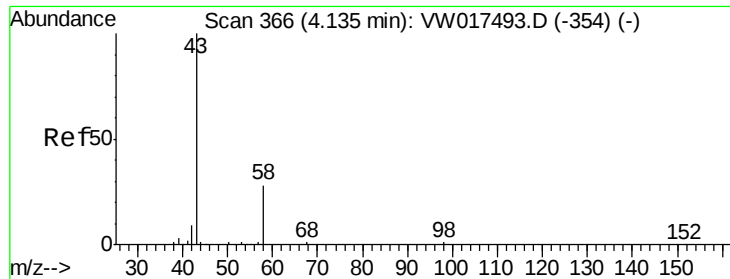
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.712 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017506.D

Acq: 25 Nov 2020 16:14

Instrument :

MSVOA_W

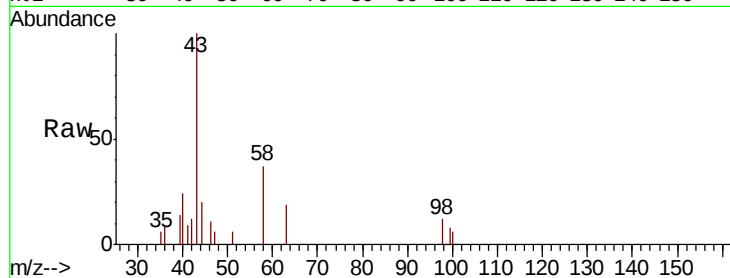
ClientSampled :

Tot Ion: 43 Resp: 1883

Ion Ratio Lower Upper

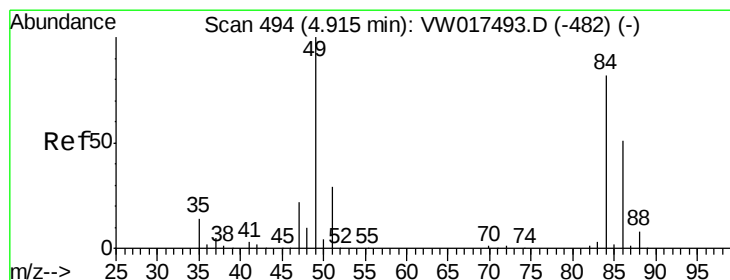
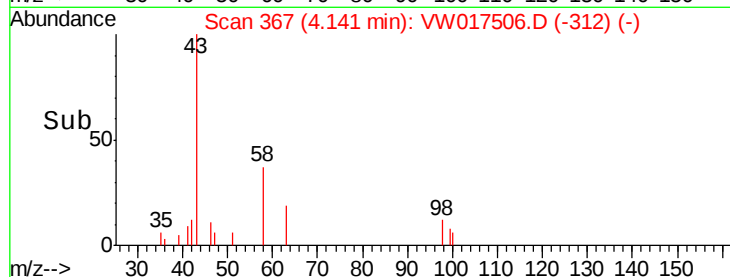
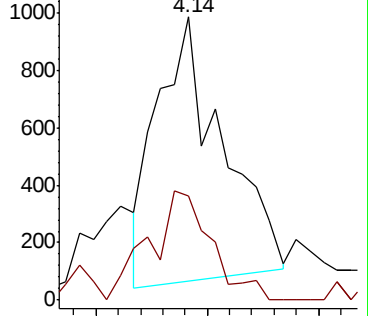
43 100

58 24.2 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.368 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017506.D

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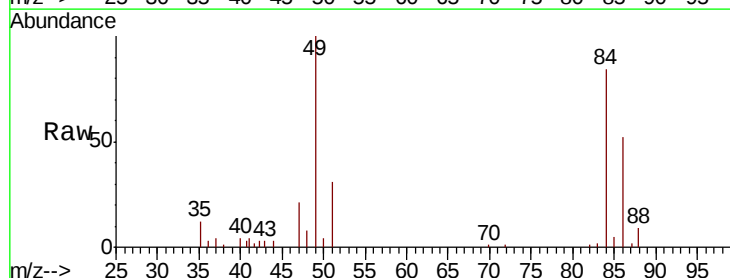
Tgt Ion: 84 Resp: 14651

Ion Ratio Lower Upper

84 100

49 118.9 81.2 150.8

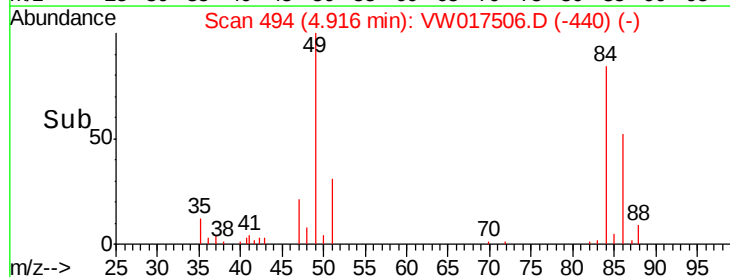
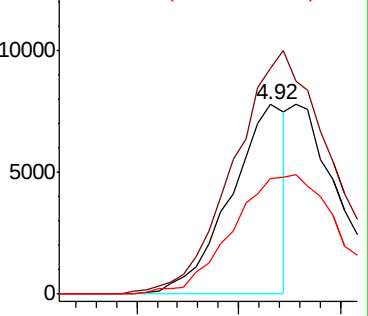
86 61.3 44.5 82.7

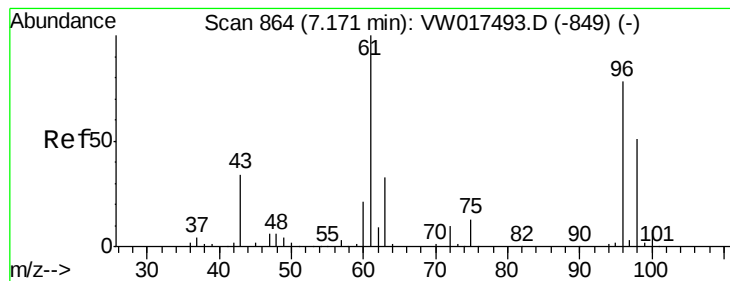


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.892 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW017506.D

Acq: 25 Nov 2020 16:14

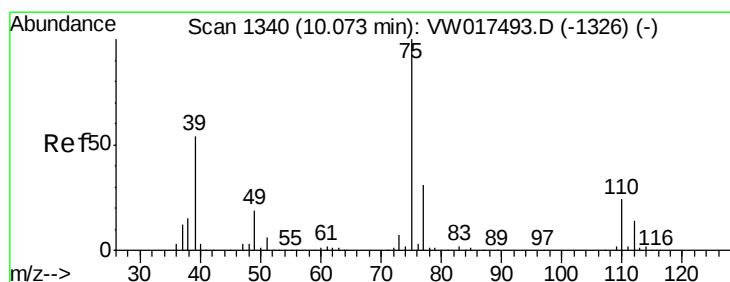
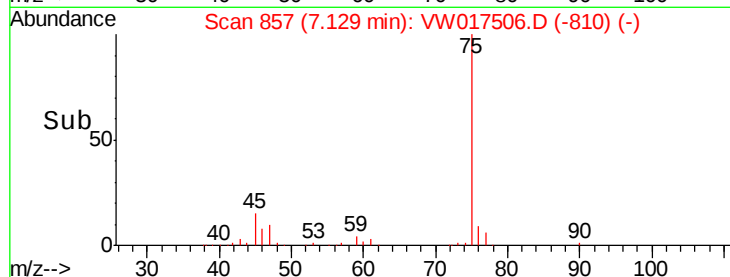
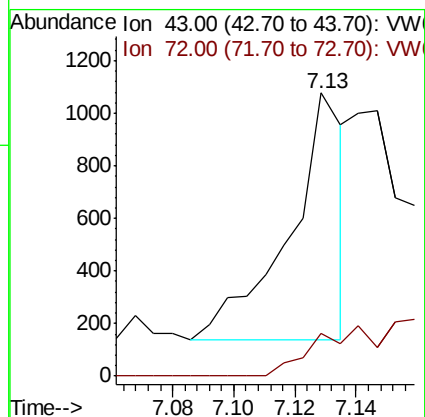
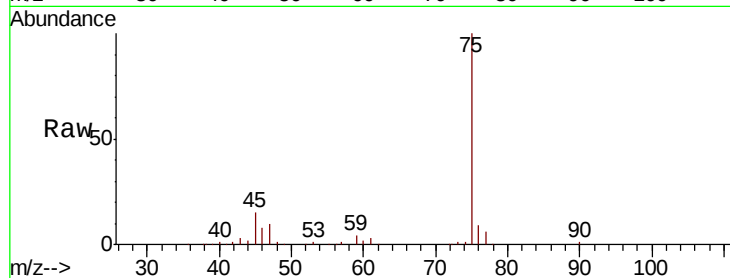
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

72 22.0 14.4 43.2



#42

cis-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017506.D

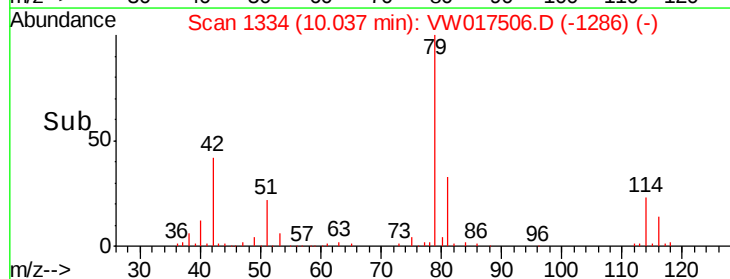
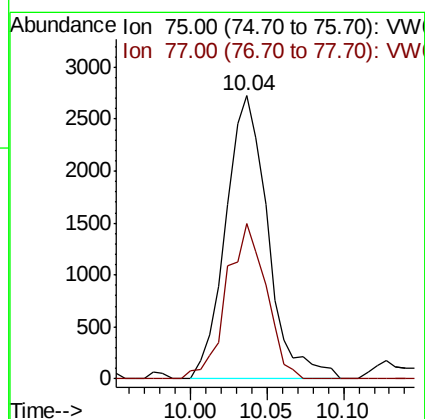
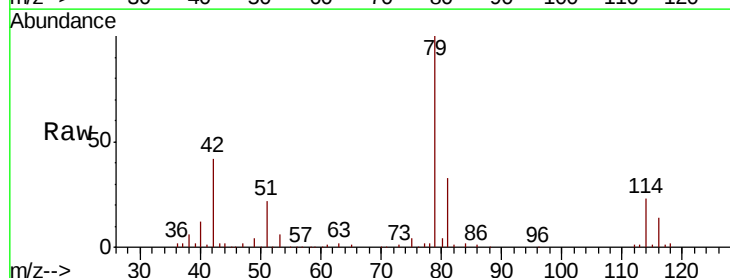
Acq: 25 Nov 2020 16:14

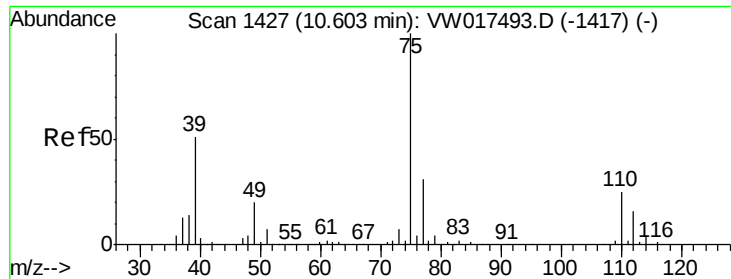
Tgt Ion: 75 Resp: 5212

Ion Ratio Lower Upper

75 100

77 54.9 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.515 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017506.D

Acq: 25 Nov 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3645

Ion Ratio Lower Upper

75 100

77 41.1 22.6 42.0

