

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017496.D
 Acq On : 25 Nov 2020 12:20
 Operator : SY/VA
 Sample : L4860-17RE
 Misc : 1.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:23 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	575920	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	513798	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128756	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
7) Chloroethane-d5	2.90	69	113082	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
10) 1,1-Dichloroethene-d2	4.03	63	237444	14.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.32%
20) 2-Butanone-d5	7.08	46	58635	36.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.40%
24) Chloroform-d	7.65	84	309731	18.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.72%
26) 1,2-Dichloroethane-d4	8.31	65	157584	19.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.52%
29) Benzene-d6	8.27	84	604393	19.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.52%
33) 1,2-Dichloropropane-d6	9.28	67	172746	19.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.04%
37) Toluene-d8	10.33	98	557168	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.44%
38) trans-1,3-Dichloropropene-	10.58	79	70107	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.80%
39) 2-Hexanone-d5	10.93	63	38614	35.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110979	17.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	189442	20.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.40%

Target Compounds

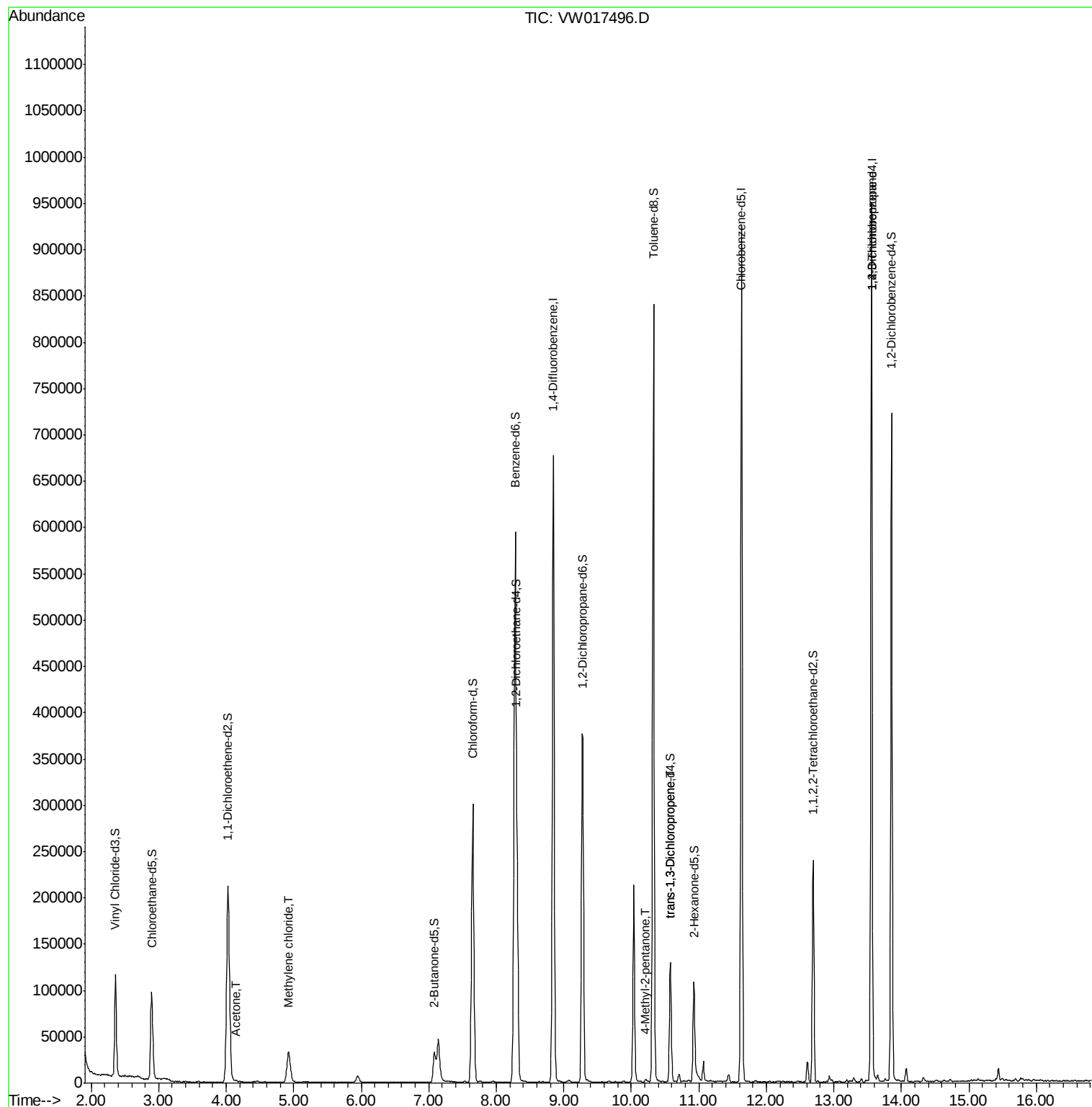
					Ovalue
13) Acetone	4.14	43	1528	0.994 ug/L	57
16) Methylene chloride	4.93	84	28105	3.250 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	2504	0.750 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3598	0.374 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	29804	6.903 ug/L	98

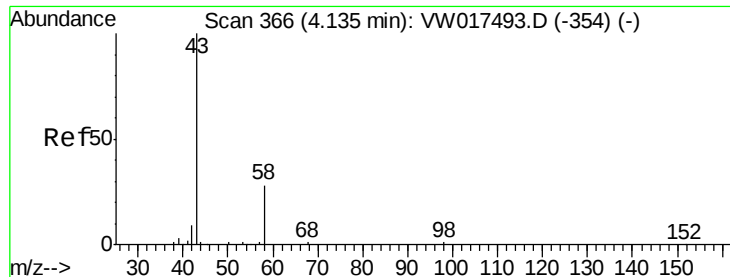
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.994 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017496.D

Acq: 25 Nov 2020 12:20

Instrument :

MSVOA_W

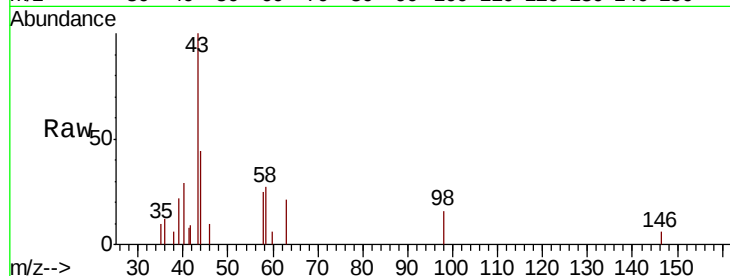
ClientSampled :

Tot Ion: 43 Resp: 1528

Ion Ratio Lower Upper

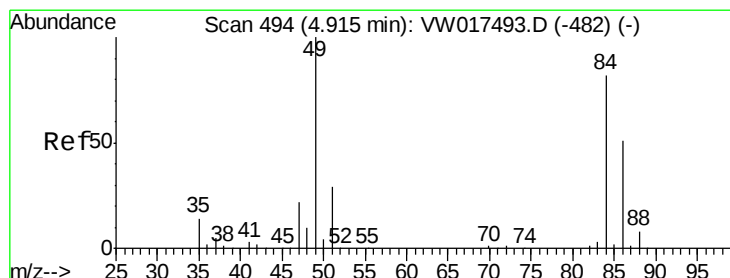
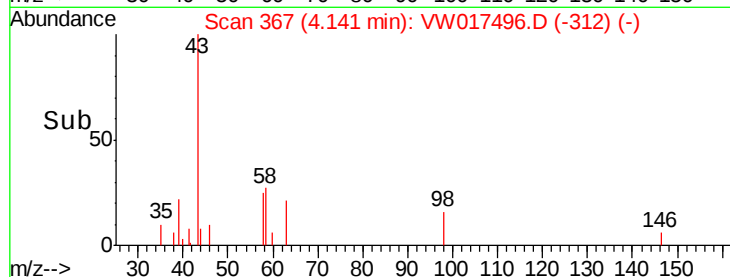
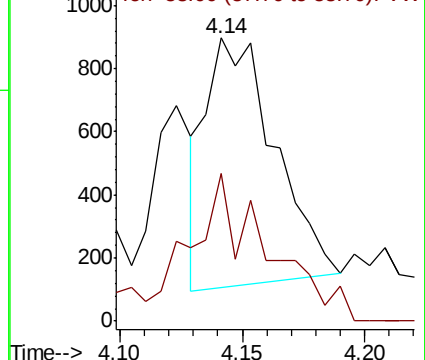
43 100

58 9.8 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: 3.250 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017496.D

Acq: 25 Nov 2020 12:20

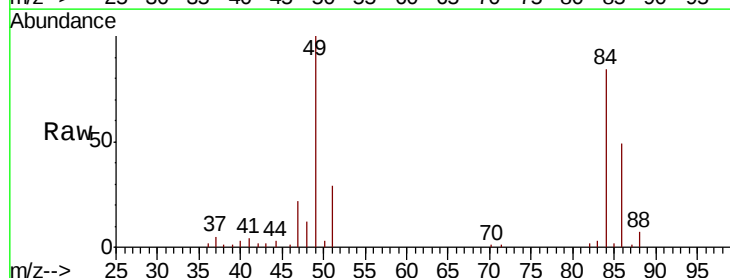
Tgt Ion: 84 Resp: 28105

Ion Ratio Lower Upper

84 100

49 118.6 81.2 150.8

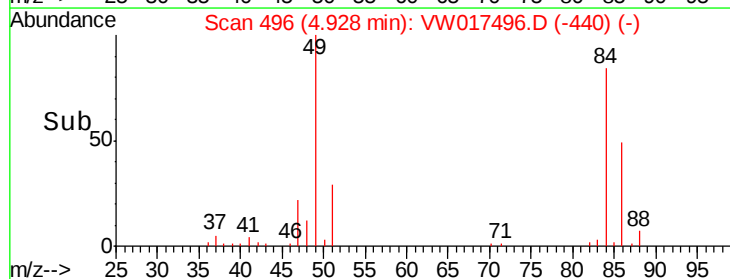
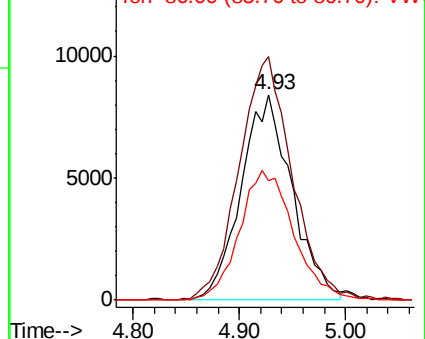
86 58.4 44.5 82.7

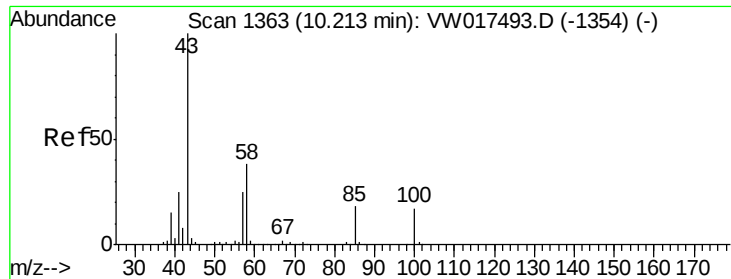


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 0.750 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017496.D

Acq: 25 Nov 2020 12:20

Instrument :

MSVOA_W

ClientSampled :

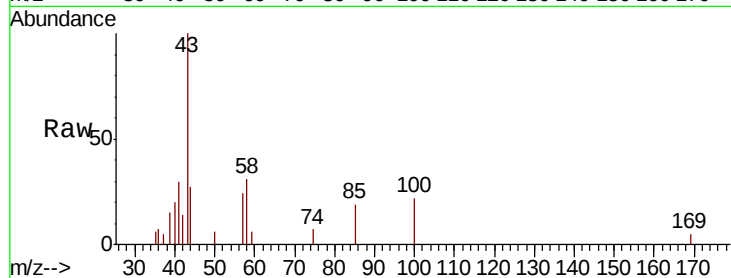
Tot Ion: 43 Resp: 2504

Ion Ratio Lower Upper

43 100

58 37.8 31.6 47.4

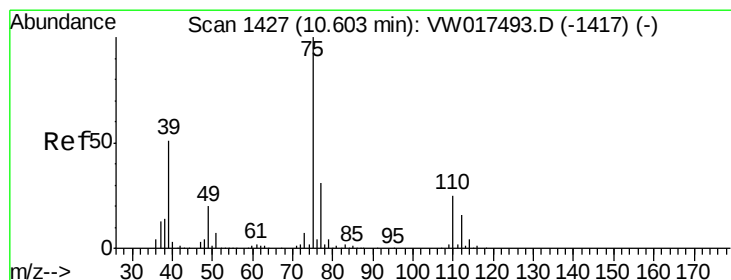
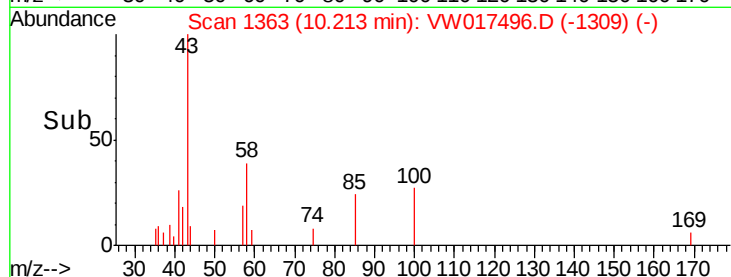
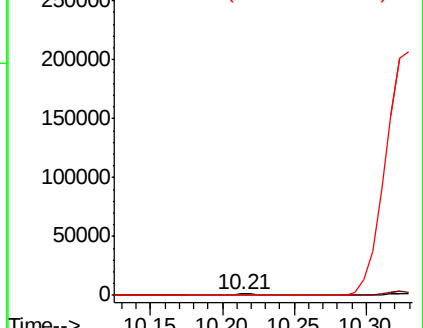
100 19.4 14.1 21.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.374 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017496.D

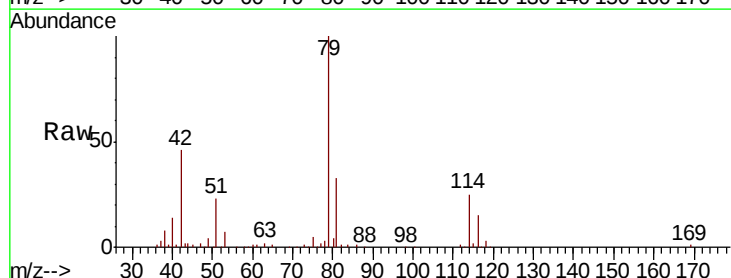
Acq: 25 Nov 2020 12:20

Tgt Ion: 75 Resp: 3598

Ion Ratio Lower Upper

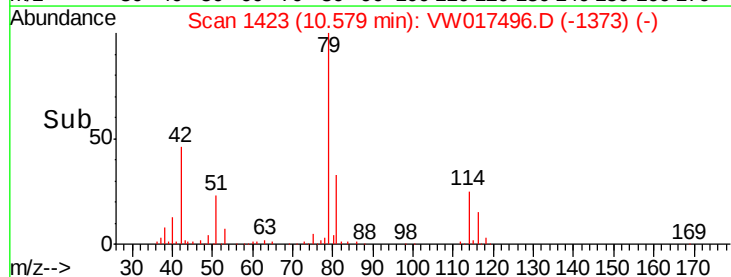
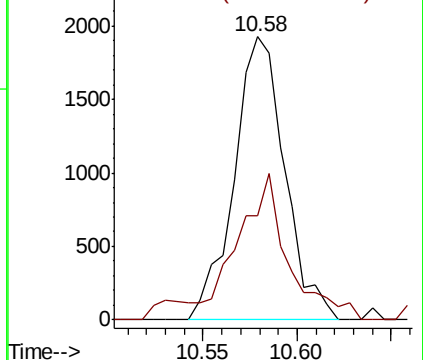
75 100

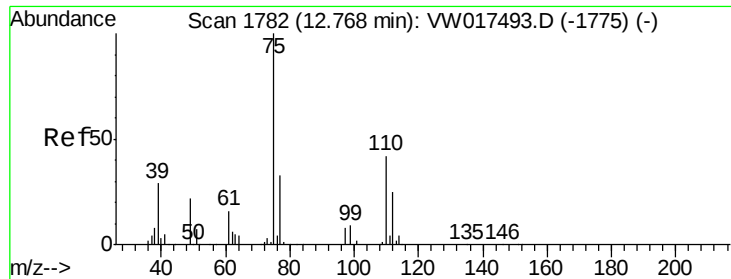
77 36.7 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.903 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017496.D

Acq: 25 Nov 2020 12:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 29804

Ion Ratio Lower Upper

75 100

77 34.4 26.6 39.8

