

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017890.D
 Acq On : 14 Jan 2021 19:13
 Operator : SY/VA
 Sample : M1132-15
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:47:41 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	8.84	114	333043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306310	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	132947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111672	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	93802	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	4.02	63	152427	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.07	46	44985	53.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.72%
24) Chloroform-d	7.65	84	208049	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	120230	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.27	84	408721	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.27	67	118627	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.32	98	376809	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.58	79	45530	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.93	63	29199	48.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88264	25.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	113830	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

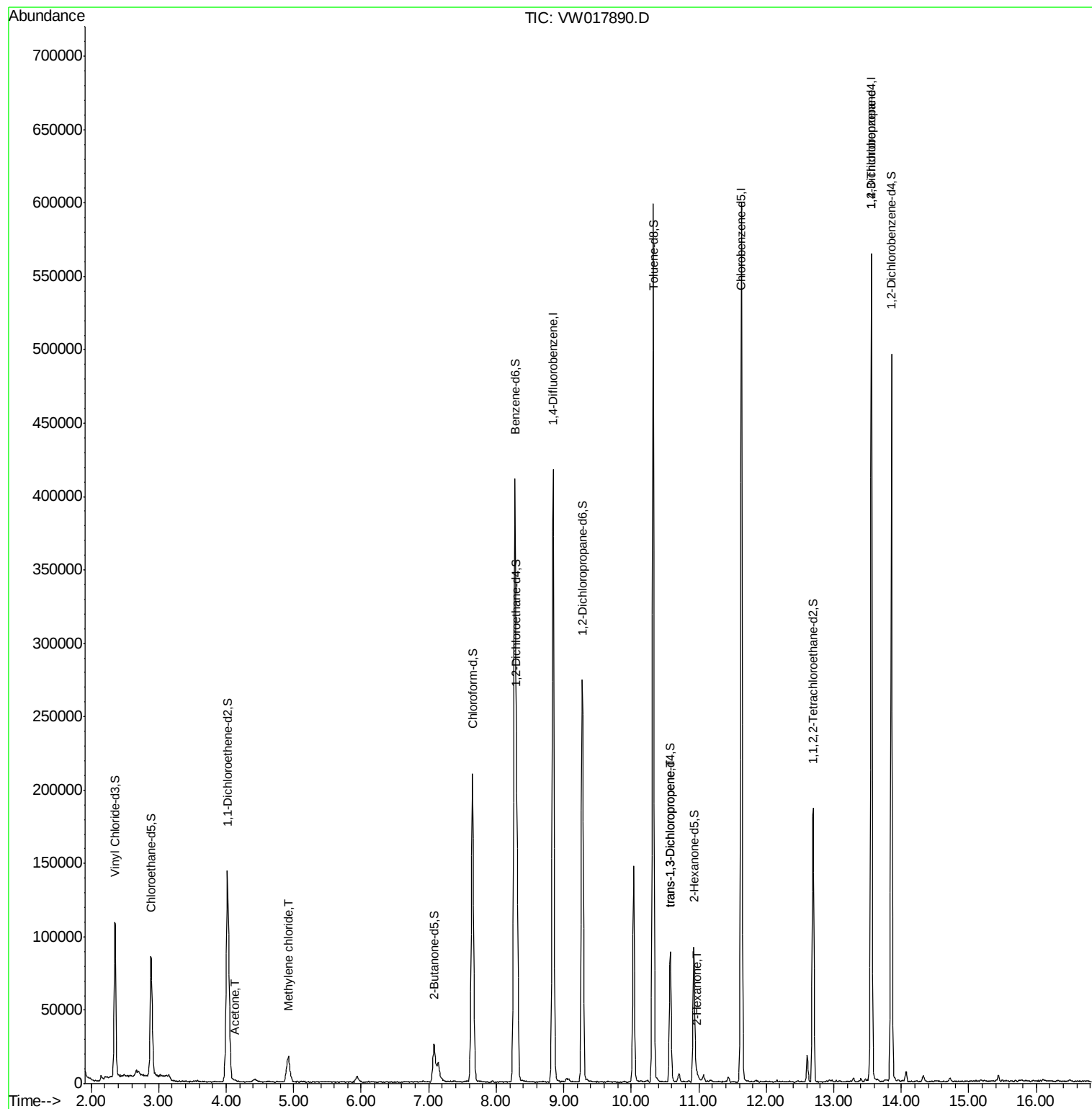
					Ovalue
13) Acetone	4.14	43	1740	2.413 ug/L	67
16) Methylene chloride	4.92	84	14067	2.954 ug/L	80
45) trans-1,3-Dichloropropene	10.58	75	2780	0.495 ug/L #	76
49) 2-Hexanone	10.98	43	1736	1.218 ug/L #	83
59) 1,2,3-Trichloropropane	13.55	75	20537	8.145 ug/L	90

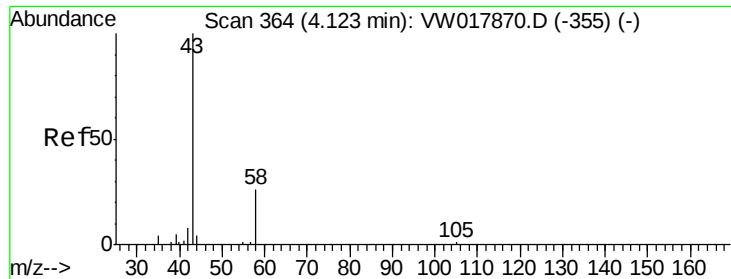
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.413 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017890.D

Acq: 14 Jan 2021 19:13

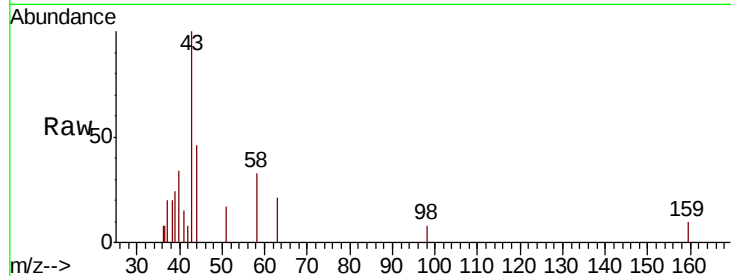
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1740

Ion Ratio Lower Upper

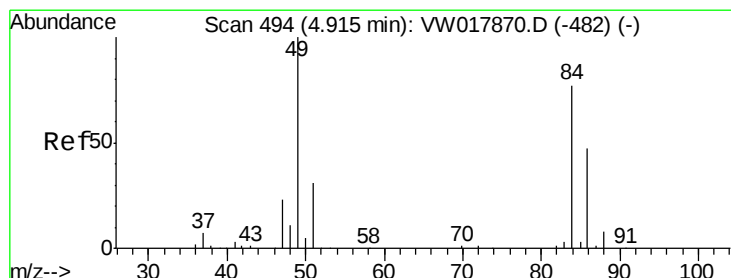
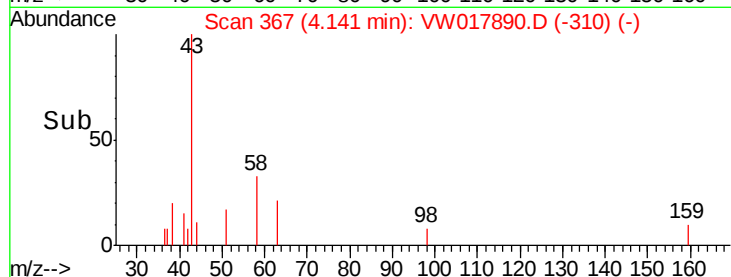
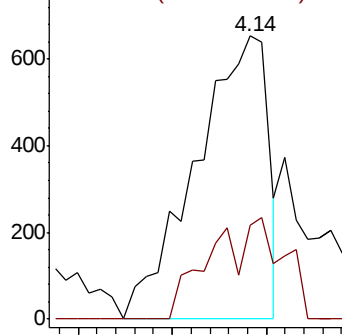
43 100

58 12.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.954 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017890.D

Acq: 14 Jan 2021 19:13

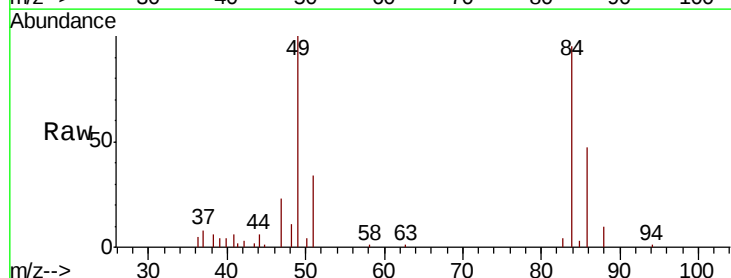
Tgt Ion: 84 Resp: 14067

Ion Ratio Lower Upper

84 100

49 105.6 90.5 168.1

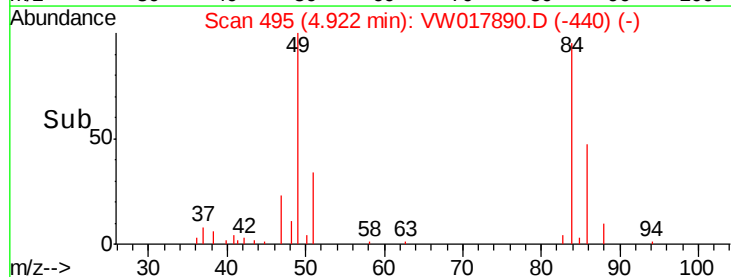
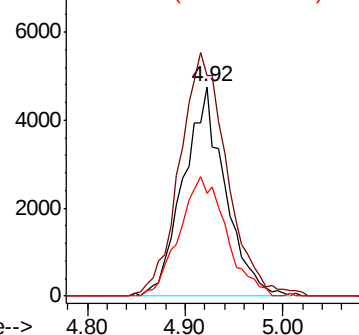
86 49.1 44.8 83.2

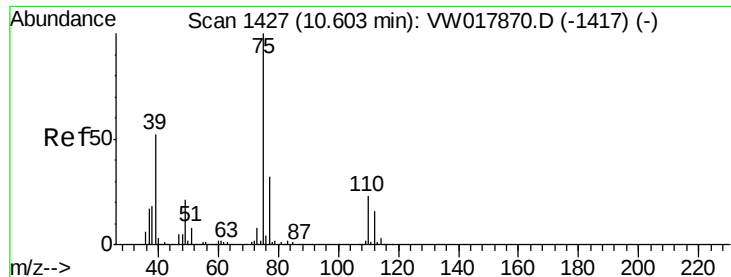


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.495 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017890.D

Acq: 14 Jan 2021 19:13

Instrument :

MSVOA_W

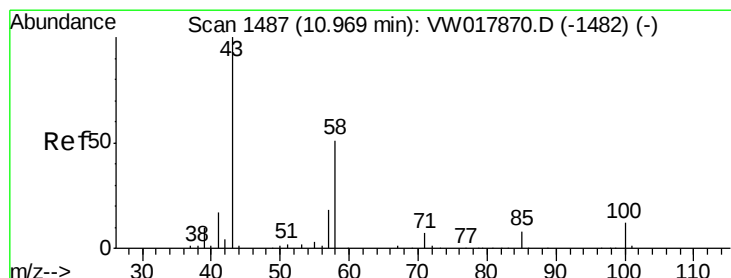
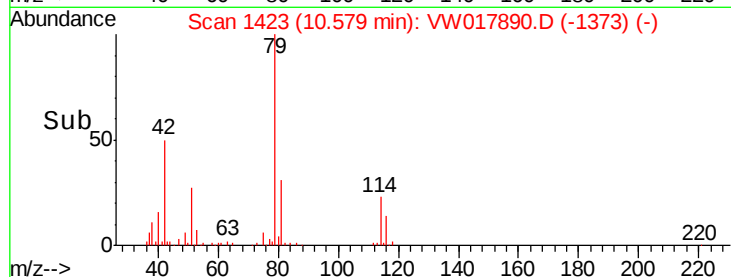
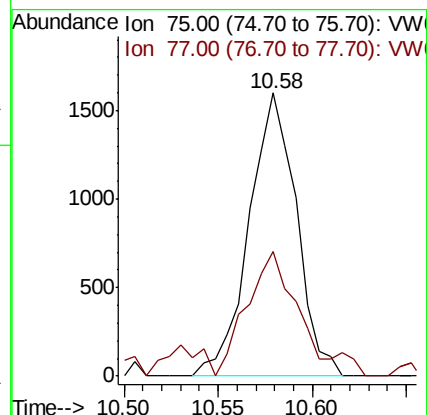
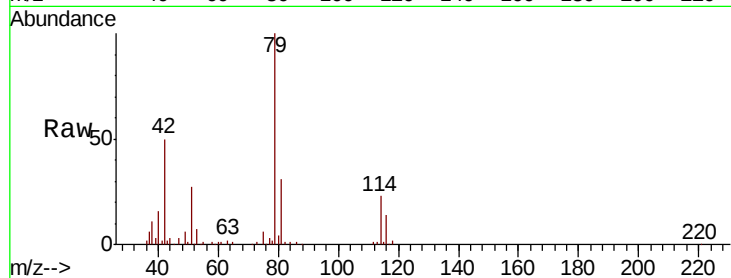
ClientSampled :

Tot Ion: 75 Resp: 2780

Ion Ratio Lower Upper

75 100

77 43.9 21.6 40.0#



#49

2-Hexanone

Concen: 1.218 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017890.D

Acq: 14 Jan 2021 19:13

Tgt Ion: 43 Resp: 1736

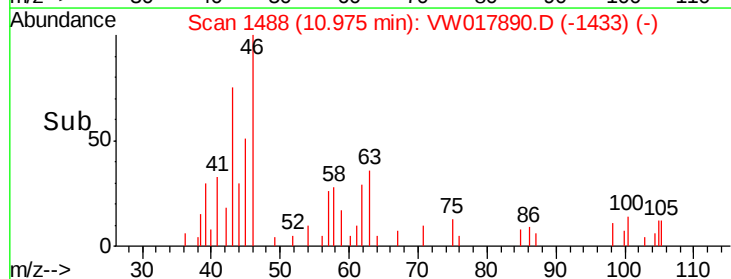
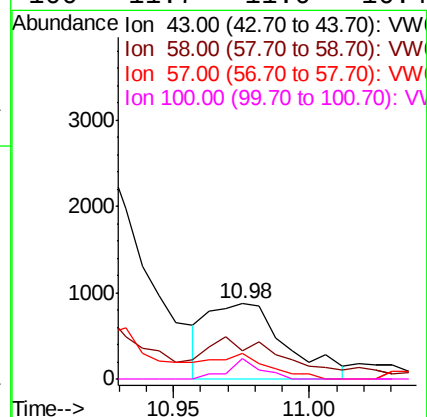
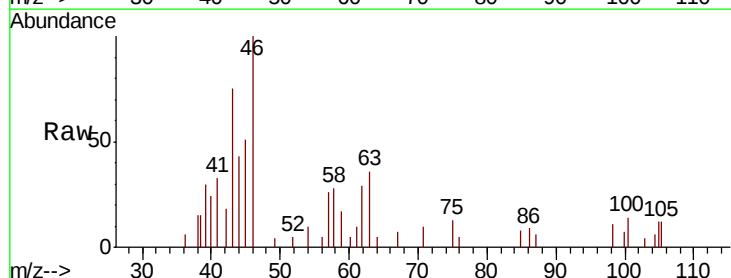
Ion Ratio Lower Upper

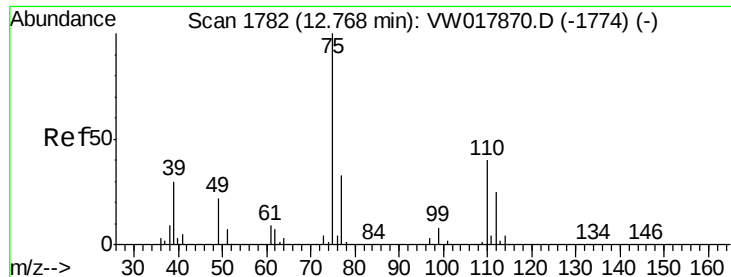
43 100

58 41.1 44.2 66.4#

57 28.6 16.1 24.1#

100 11.7 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 8.145 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017890.D

Acq: 14 Jan 2021 19:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20537

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0

