

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017532.D
 Acq On : 03 Dec 2020 12:28
 Operator : SY/VA
 Sample : L4920-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F6

Quant Time: Dec 04 06:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103600	15.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.44%
7) Chloroethane-d5	2.90	69	93386	16.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.68%
10) 1,1-Dichloroethene-d2	4.03	63	186742	12.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.56%
20) 2-Butanone-d5	7.08	46	60291	42.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.10%
24) Chloroform-d	7.65	84	275318	19.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.16%
26) 1,2-Dichloroethane-d4	8.31	65	139789	19.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.00%
29) Benzene-d6	8.28	84	520643	18.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.08%
33) 1,2-Dichloropropane-d6	9.28	67	153460	19.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.00%
37) Toluene-d8	10.32	98	480888	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.44%
38) trans-1,3-Dichloropropene-	10.58	79	64102	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.93	63	38046	37.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113189	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	171790	20.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.28%

Target Compounds

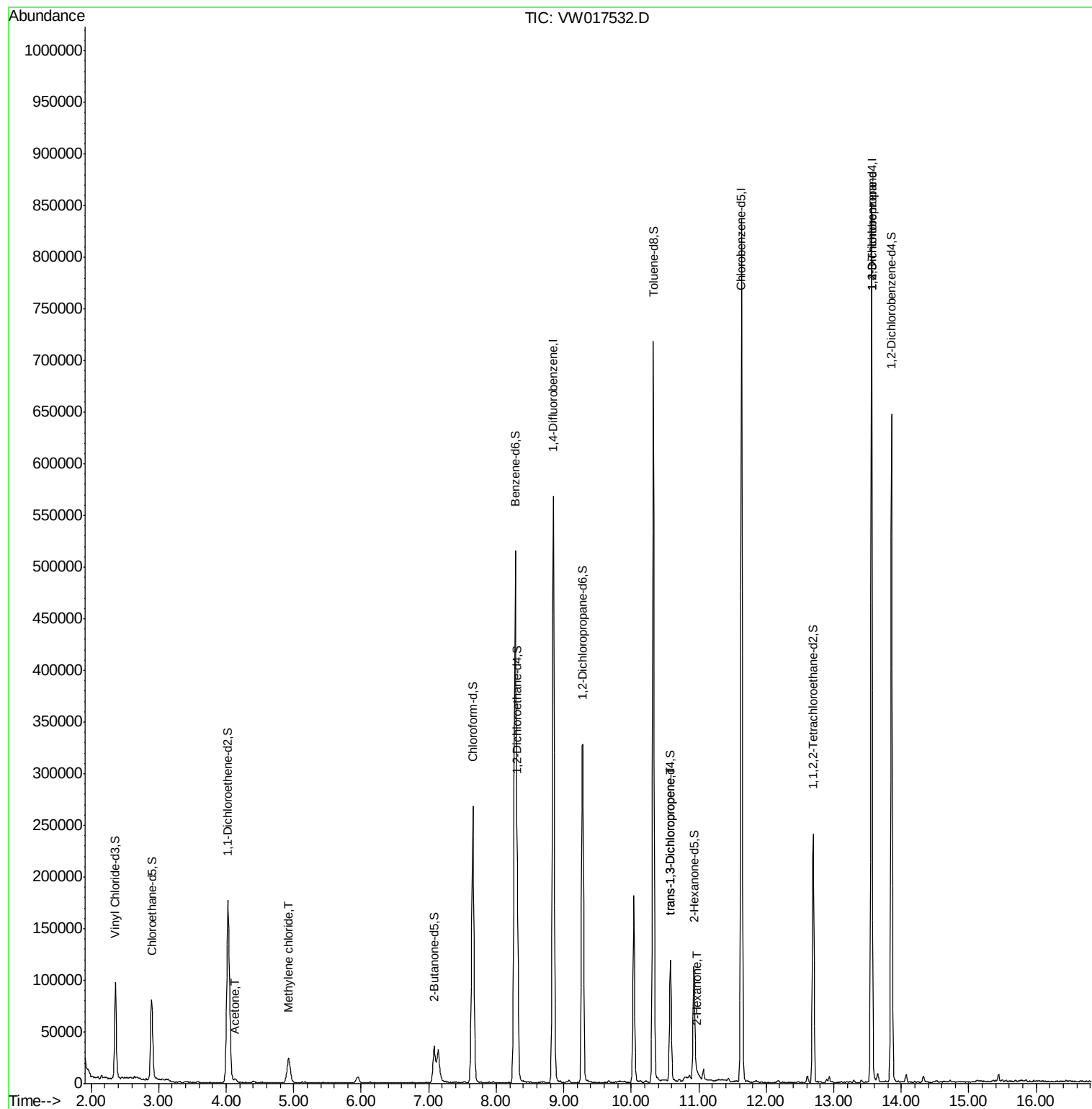
					Ovalue
13) Acetone	4.12	43	5374	3.851 ug/L	69
16) Methylene chloride	4.92	84	19860	2.650 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3248	0.369 ug/L	95
49) 2-Hexanone	10.98	43	1469	0.654 ug/L #	91
59) 1,2,3-Trichloropropane	13.56	75	25759	6.487 ug/L	100

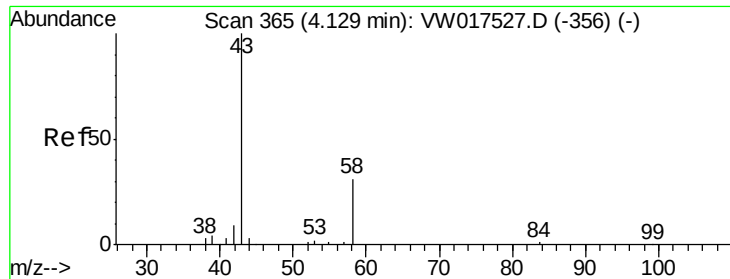
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.851 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 03 Dec 2020 12:28

Instrument :

MSVOA_W

ClientSampleId :

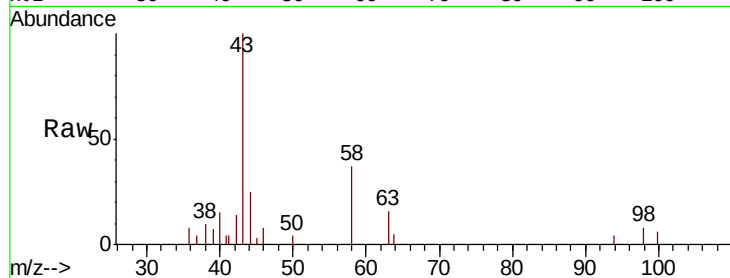
BG4F6

Tot Ion: 43 Resp: 5374

Ion Ratio Lower Upper

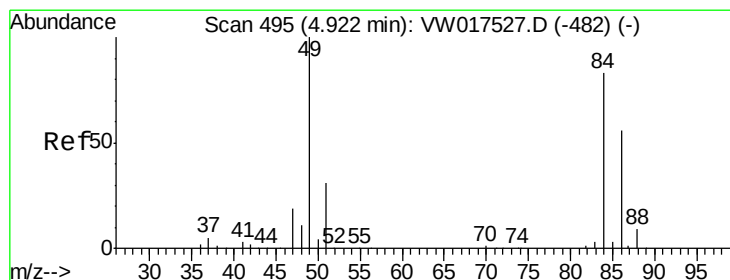
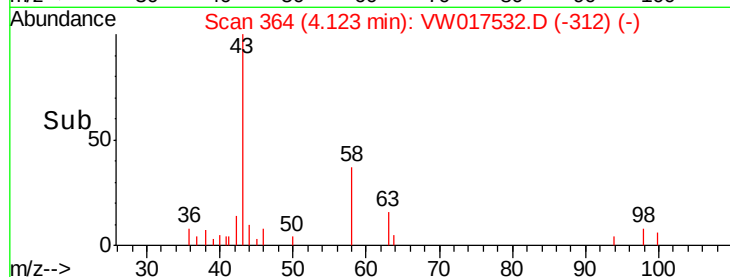
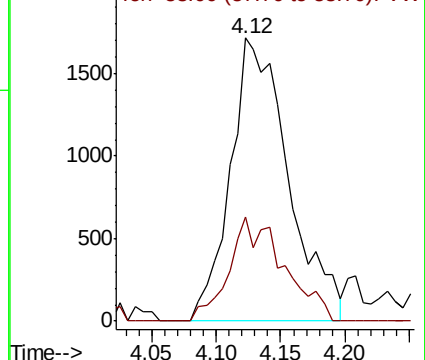
43 100

58 16.4 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: 2.650 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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Acq: 03 Dec 2020 12:28

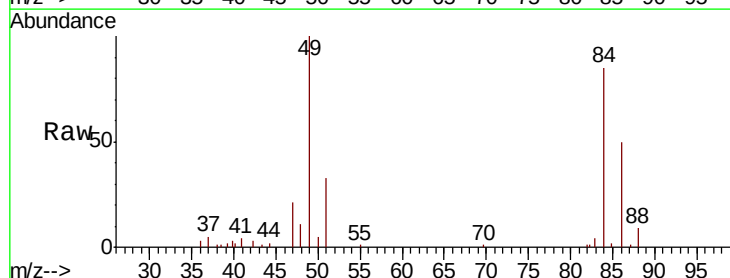
Tgt Ion: 84 Resp: 19860

Ion Ratio Lower Upper

84 100

49 117.5 81.2 150.8

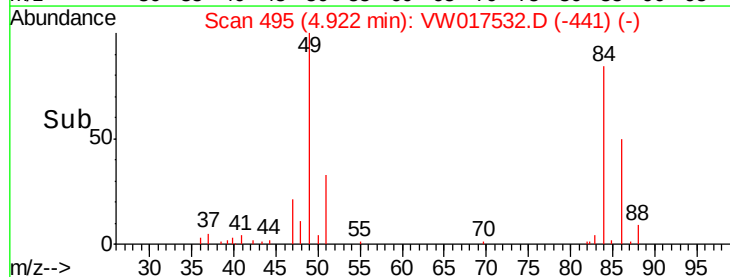
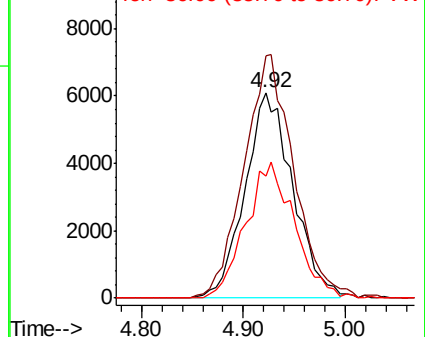
86 59.0 44.5 82.7

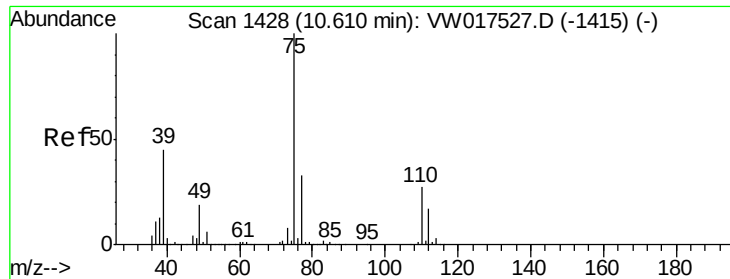


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.369 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

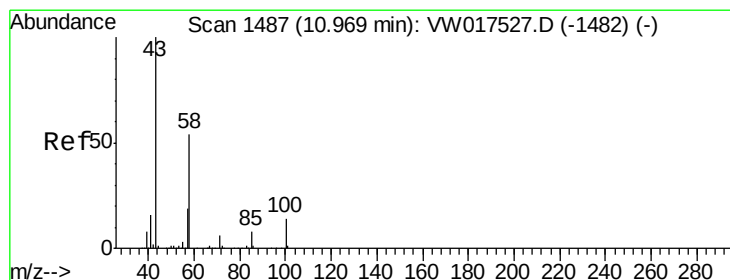
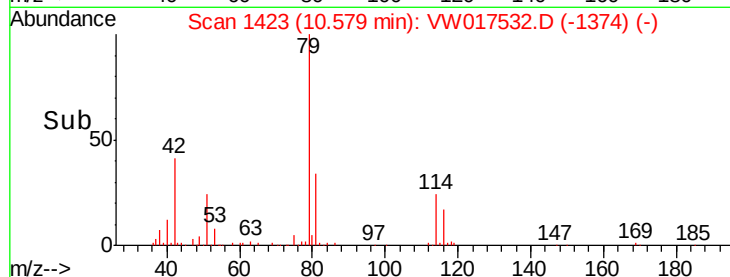
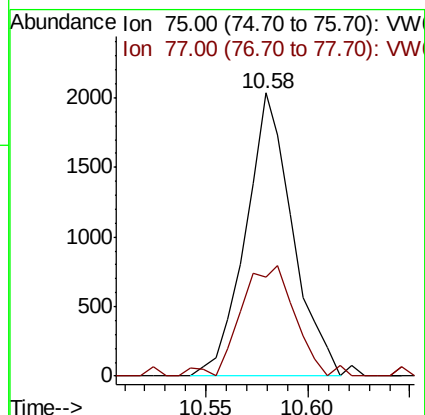
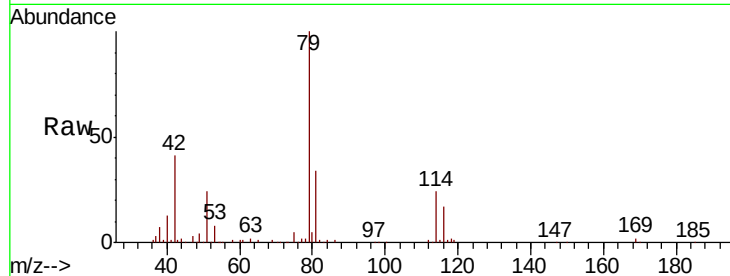
BG4F6

Tot Ion: 75 Resp: 3248

Ion Ratio Lower Upper

75 100

77 34.9 22.6 42.0



#49

2-Hexanone

Concen: 0.654 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017532.D

Acq: 03 Dec 2020 12:28

Tgt Ion: 43 Resp: 1469

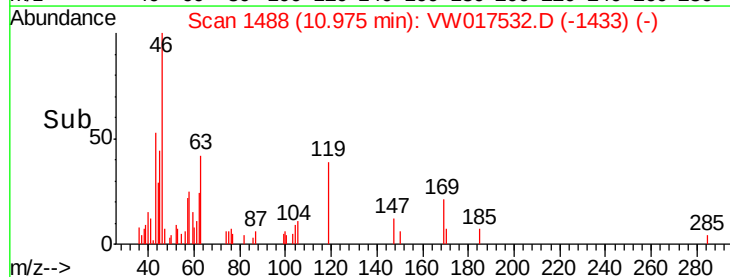
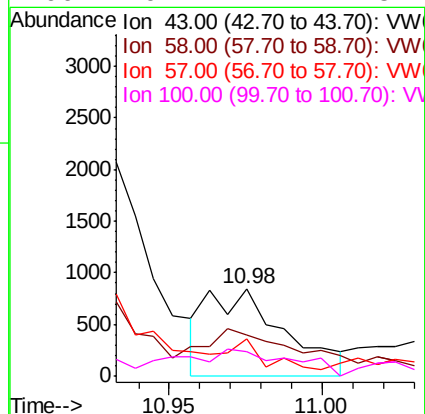
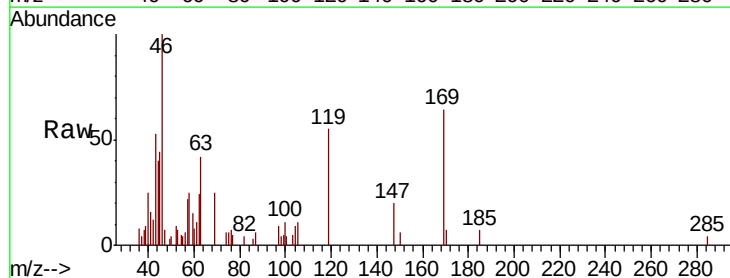
Ion Ratio Lower Upper

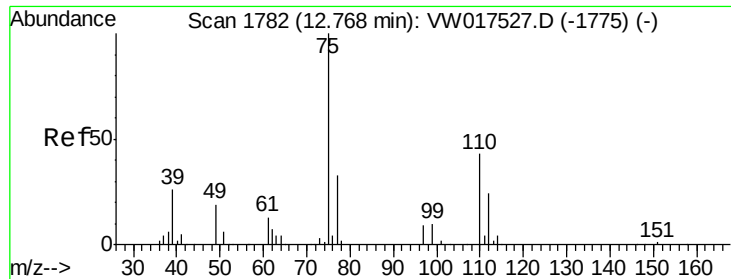
43 100

58 56.7 51.3 76.9

57 16.6 15.0 22.6

100 19.7 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.487 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017532.D

Acq: 03 Dec 2020 12:28

Instrument :

MSVOA_W

ClientSampleId :

BG4F6

Tot Ion: 75 Resp: 25759

Ion Ratio Lower Upper

75 100

77 33.1 26.6 39.8

