

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017577.D
 Acq On : 07 Dec 2020 14:19
 Operator : SY/VA
 Sample : L4955-03
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4J8

Quant Time: Dec 08 06:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	411764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88848	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.64%
7) Chloroethane-d5	2.90	69	81074	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
10) 1,1-Dichloroethene-d2	4.03	63	160709	13.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.52%
20) 2-Butanone-d5	7.08	46	62786	52.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.72%
24) Chloroform-d	7.65	84	244768	20.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	8.30	65	134429	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	8.28	84	457946	18.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.80%
33) 1,2-Dichloropropane-d6	9.27	67	137475	20.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.32%
37) Toluene-d8	10.33	98	413823	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.56%
38) trans-1,3-Dichloropropene-	10.58	79	58875	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.48%
39) 2-Hexanone-d5	10.93	63	38163	44.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114034	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	159831	20.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.24%

Target Compounds

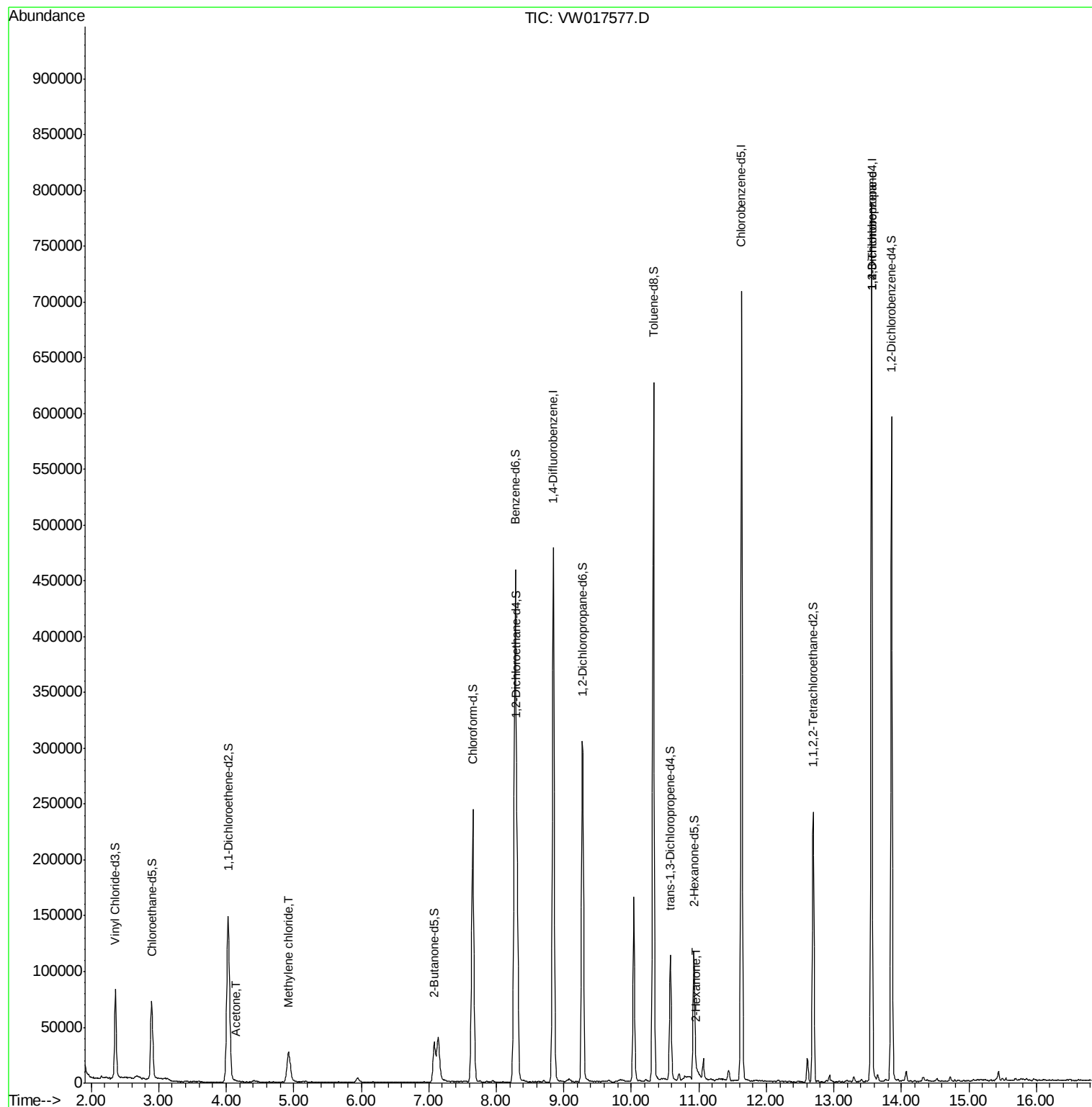
					Ovalue
13) Acetone	4.15	43	2992	2.587 ug/L	48
16) Methylene chloride	4.93	84	23105	3.721 ug/L	93
49) 2-Hexanone	10.97	43	1096	0.576 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	23166	6.883 ug/L	95

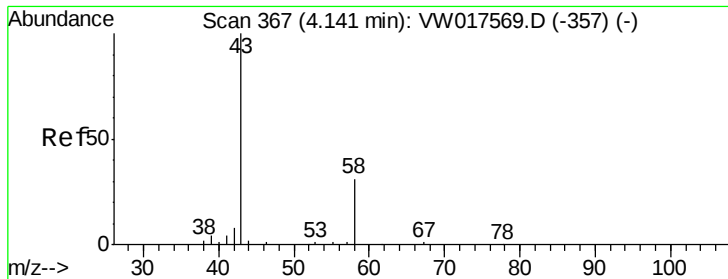
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.587 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Acq: 07 Dec 2020 14:19

Instrument :

MSVOA_W

ClientSampled :

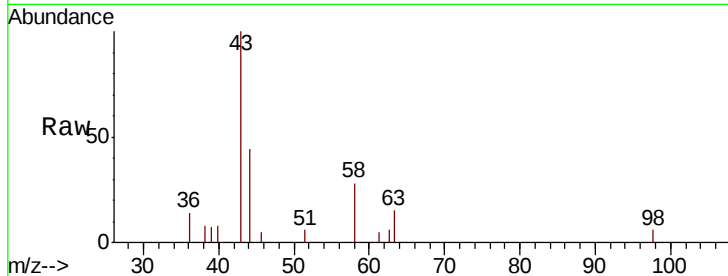
BG4J8

Tot Ion: 43 Resp: 2992

Ion Ratio Lower Upper

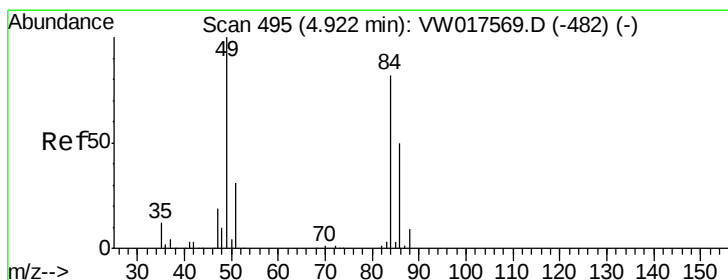
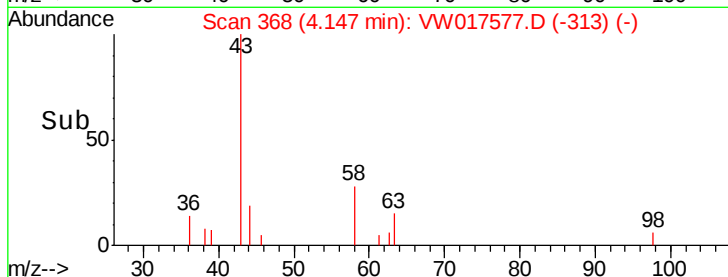
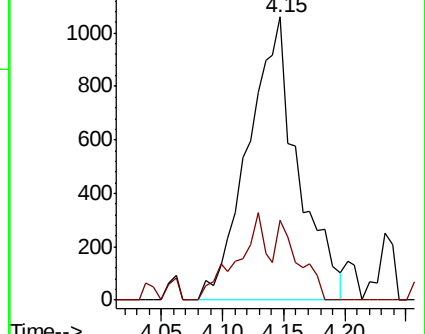
43 100

58 4.4 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: 3.721 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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Acq: 07 Dec 2020 14:19

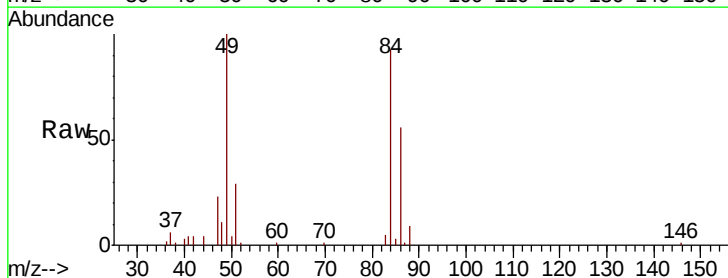
Tgt Ion: 84 Resp: 23105

Ion Ratio Lower Upper

84 100

49 107.1 81.2 150.8

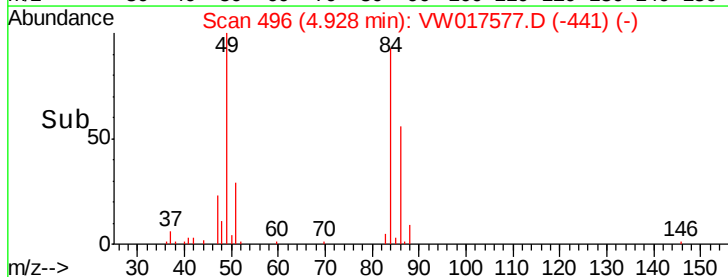
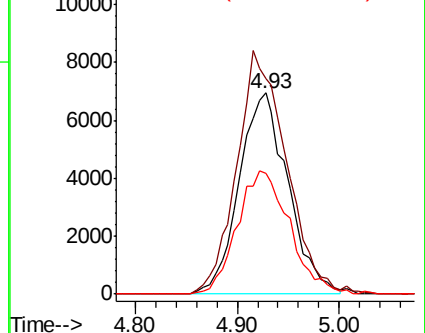
86 60.0 44.5 82.7

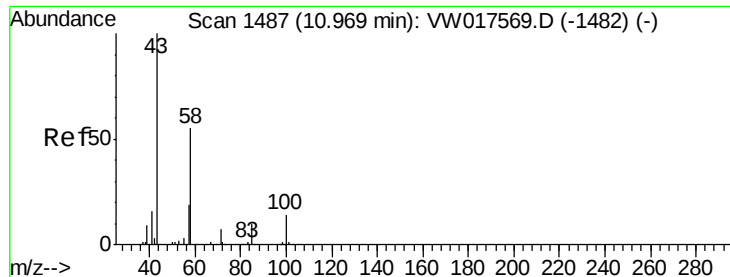


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#49

2-Hexanone

Concen: 0.576 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017577.D

Acq: 07 Dec 2020 14:19

Instrument :

MSVOA_W

ClientSampleId :

BG4J8

Tot Ion: 43 Resp: 1096

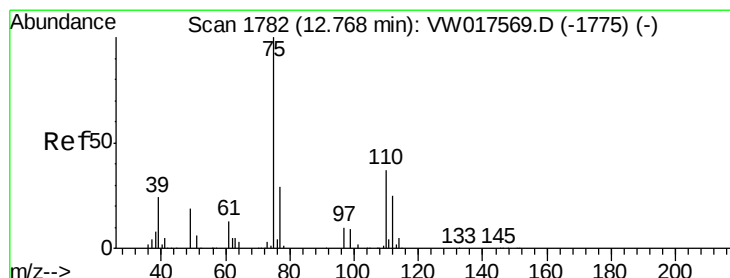
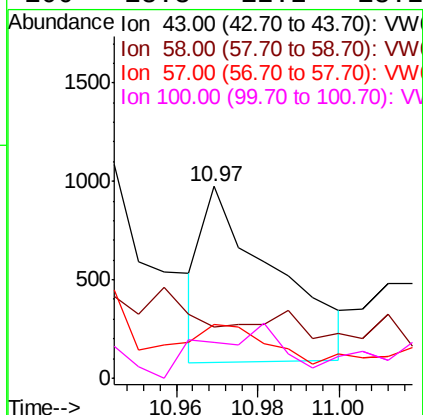
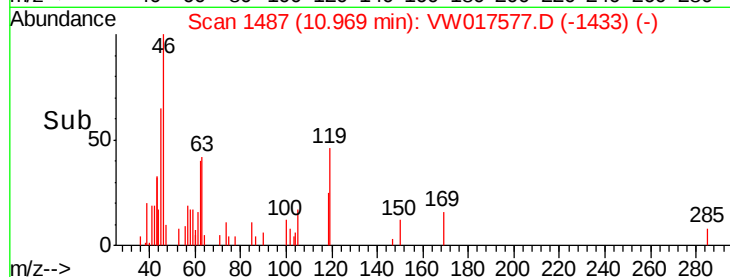
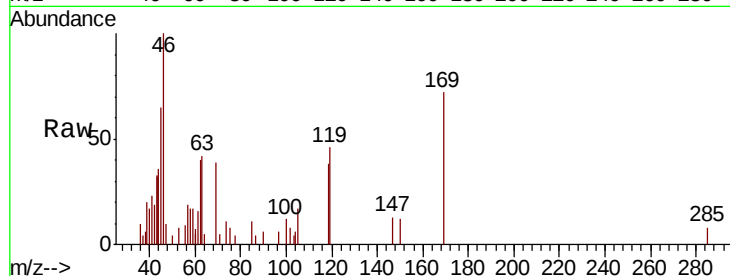
Ion Ratio Lower Upper

43 100

58 34.9 51.3 76.9#

57 42.6 15.0 22.6#

100 18.3 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 6.883 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017577.D

Acq: 07 Dec 2020 14:19

Tgt Ion: 75 Resp: 23166

Ion Ratio Lower Upper

75 100

77 36.1 26.6 39.8

