

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017572.D
 Acq On : 07 Dec 2020 12:22
 Operator : SY/VA
 Sample : L4941-08
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:54:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177708	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93166	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
7) Chloroethane-d5	2.90	69	83508	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
10) 1,1-Dichloroethene-d2	4.02	63	168241	14.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.52%
20) 2-Butanone-d5	7.09	46	56951	52.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.58%
24) Chloroform-d	7.65	84	248130	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	132296	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	8.28	84	471911	21.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.52%
33) 1,2-Dichloropropane-d6	9.28	67	138220	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.52%
37) Toluene-d8	10.33	98	420985	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.76%
38) trans-1,3-Dichloropropene-	10.58	79	56605	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.96%
39) 2-Hexanone-d5	10.93	63	33531	44.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107470	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	146659	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

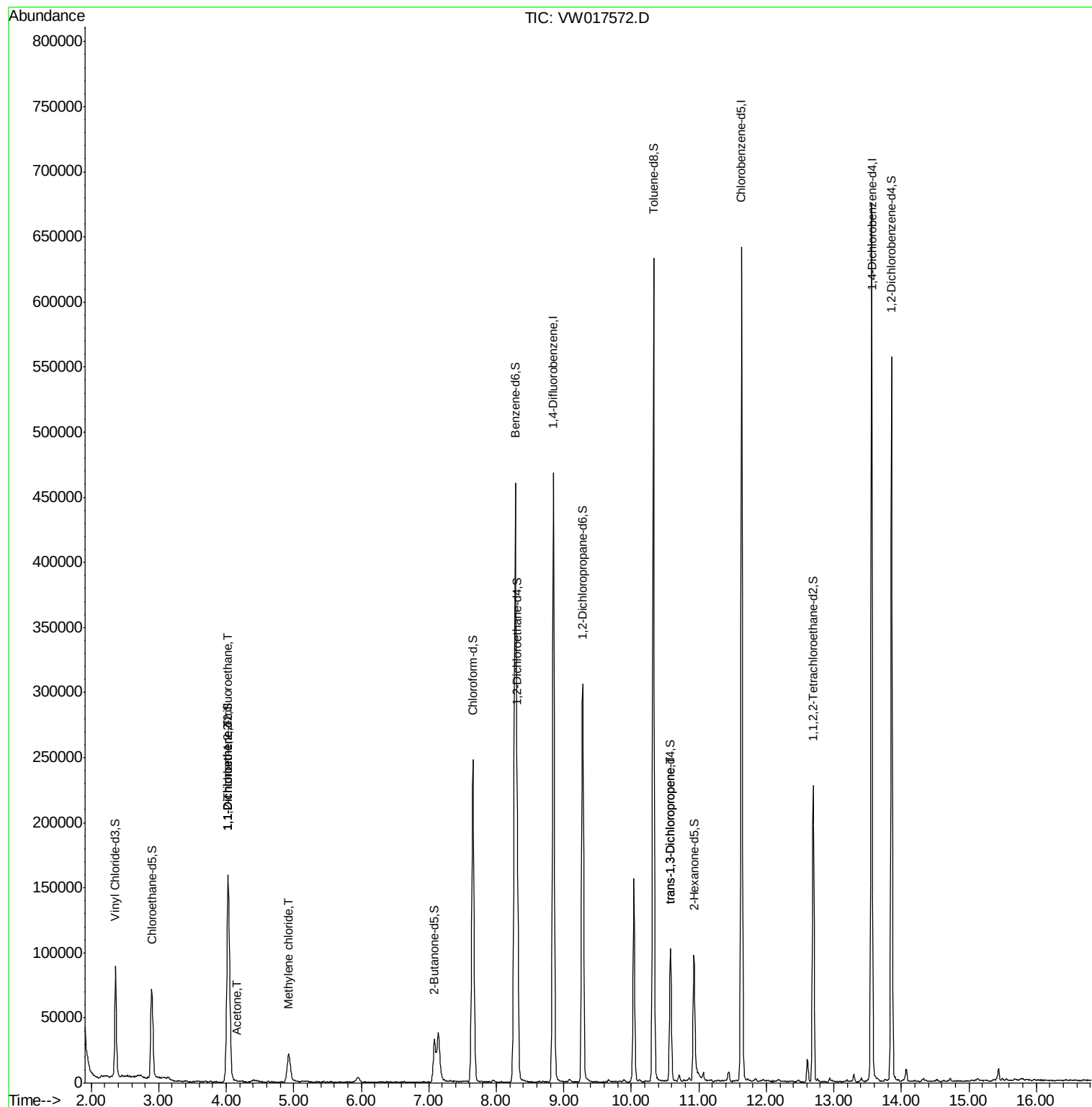
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1802	0.323 ug/L #	39
12) 1,1-Dichloroethene	4.02	96	1668	0.306 ug/L #	1
13) Acetone	4.15	43	396	0.378 ug/L	98
16) Methylene chloride	4.93	84	18274	3.100 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2847	0.423 ug/L #	58

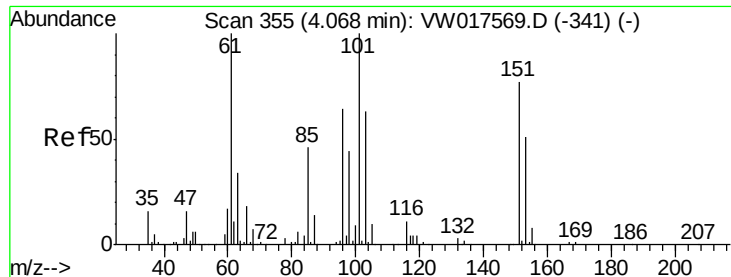
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 03:53:49 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.323 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017572.D

Acq: 07 Dec 2020 12:22

Instrument :

MSVOA_W

ClientSampled :

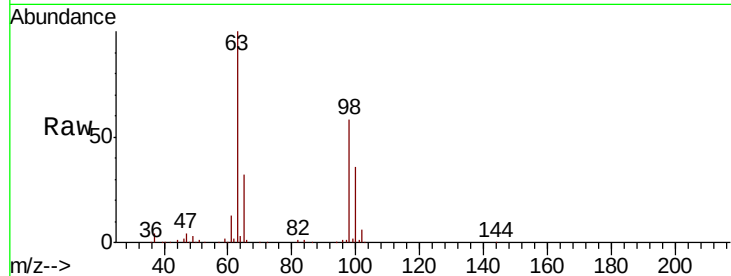
Tot Ion:101 Resp: 1802

Ion Ratio Lower Upper

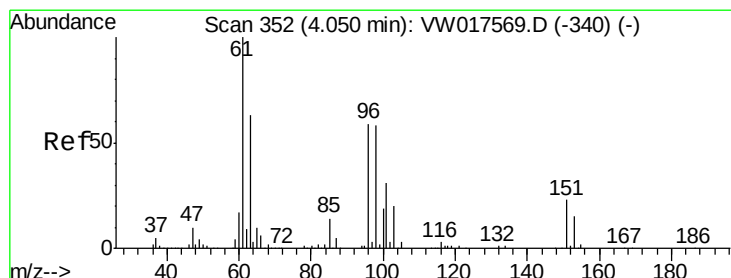
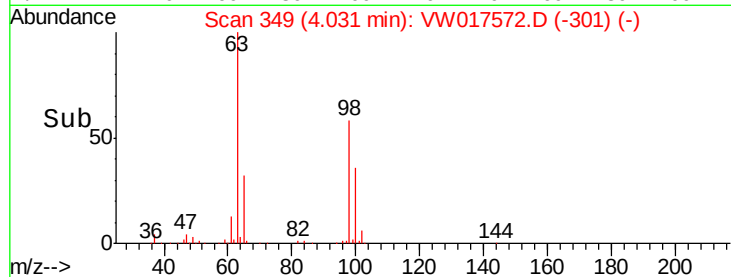
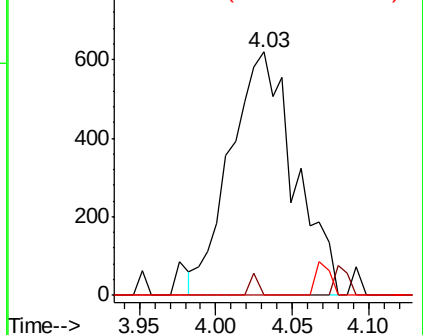
101 100

85 2.7 34.2 51.4#

151 3.0 30.4 45.6#



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VW
Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.306 ug/L

RT: 4.02 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017572.D

Acq: 07 Dec 2020 12:22

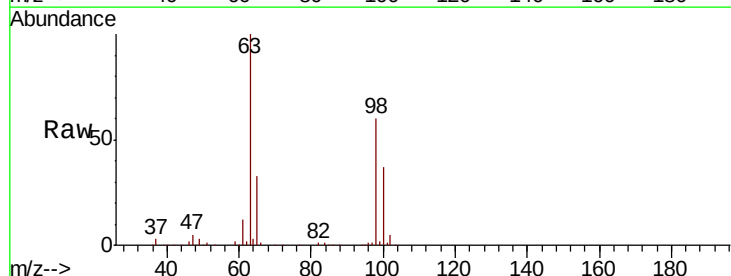
Tgt Ion: 96 Resp: 1668

Ion Ratio Lower Upper

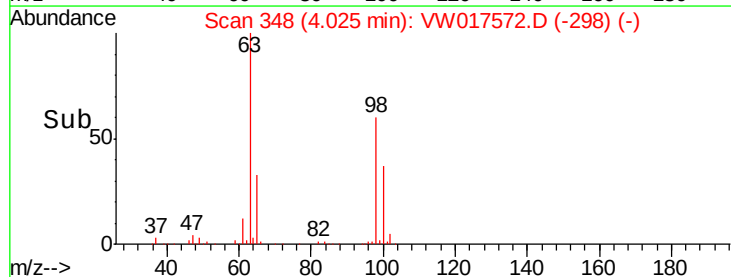
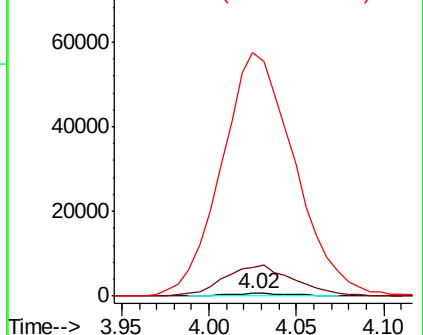
96 100

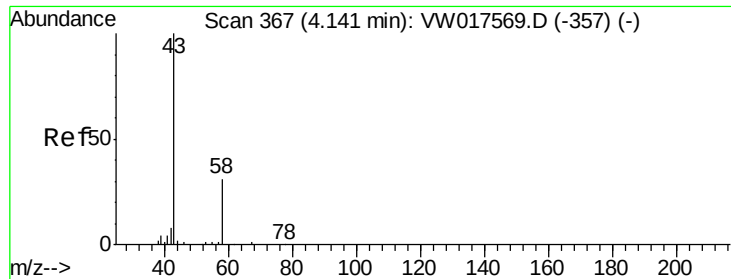
61 1033.8 112.5 208.9#

63 8915.3 83.1 154.3#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW

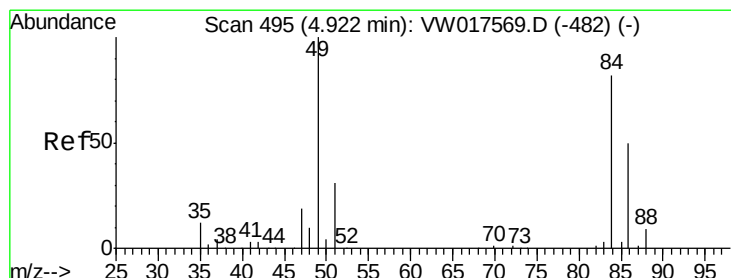
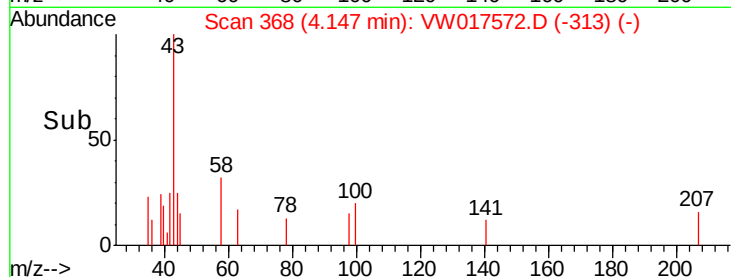
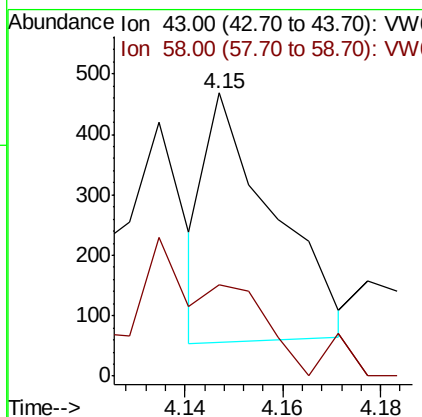
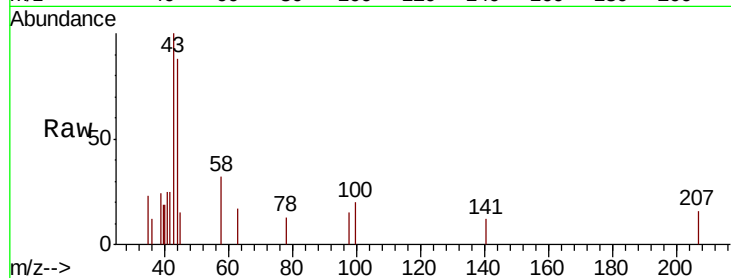




#13
Acetone
Concen: 0.378 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW017572.D
Acq: 07 Dec 2020 12:22

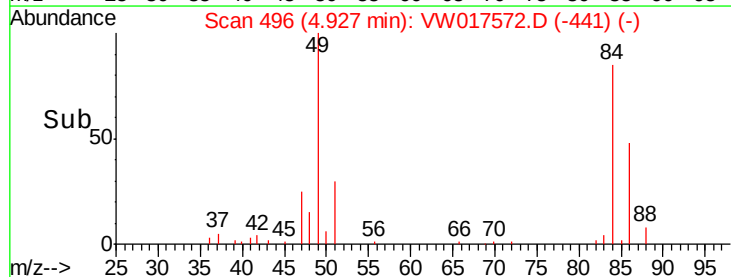
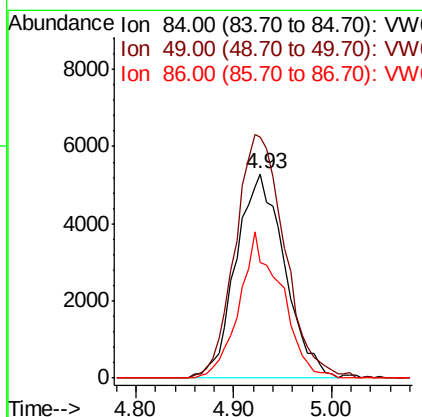
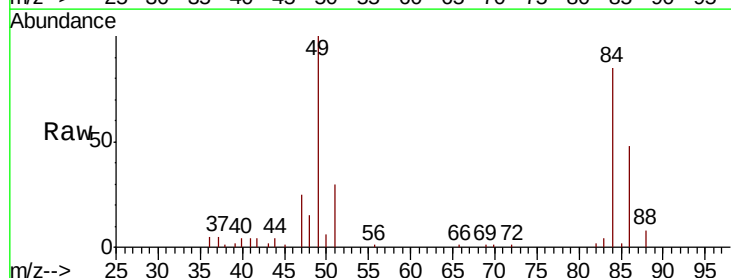
Instrument :
MSVOA_W
ClientSampled :

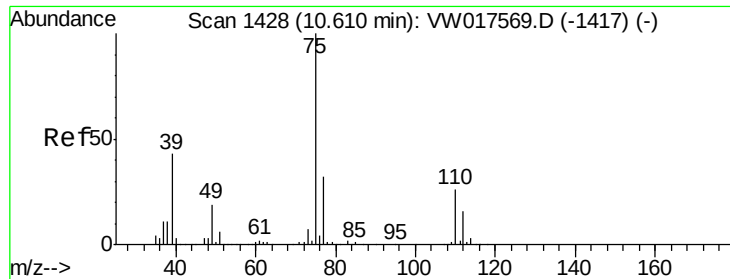
Tot Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#16
Methylene chloride
Concen: 3.100 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017572.D
Acq: 07 Dec 2020 12:22

Tgt Ion: 84 Resp: 18274
Ion Ratio Lower Upper
84 100
49 117.9 81.2 150.8
86 56.5 44.5 82.7





#45

trans-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017572.D

Acq: 07 Dec 2020 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 2847

Ion Ratio Lower Upper

75 100

77 55.7 22.6 42.0#

