

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017571.D
 Acq On : 07 Dec 2020 11:59
 Operator : SY/VA
 Sample : L4941-07
 Misc : 4.58G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:54:50 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	8.84	114	422730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102319	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.60%
7) Chloroethane-d5	2.90	69	90952	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
10) 1,1-Dichloroethene-d2	4.03	63	182607	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.00%
20) 2-Butanone-d5	7.08	46	53213	45.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.76%
24) Chloroform-d	7.65	84	272670	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	138438	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.96%
29) Benzene-d6	8.27	84	508050	21.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.32%
33) 1,2-Dichloropropane-d6	9.27	67	149412	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.32	98	459927	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.58	79	61100	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.93	63	31759	38.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104783	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	157681	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds

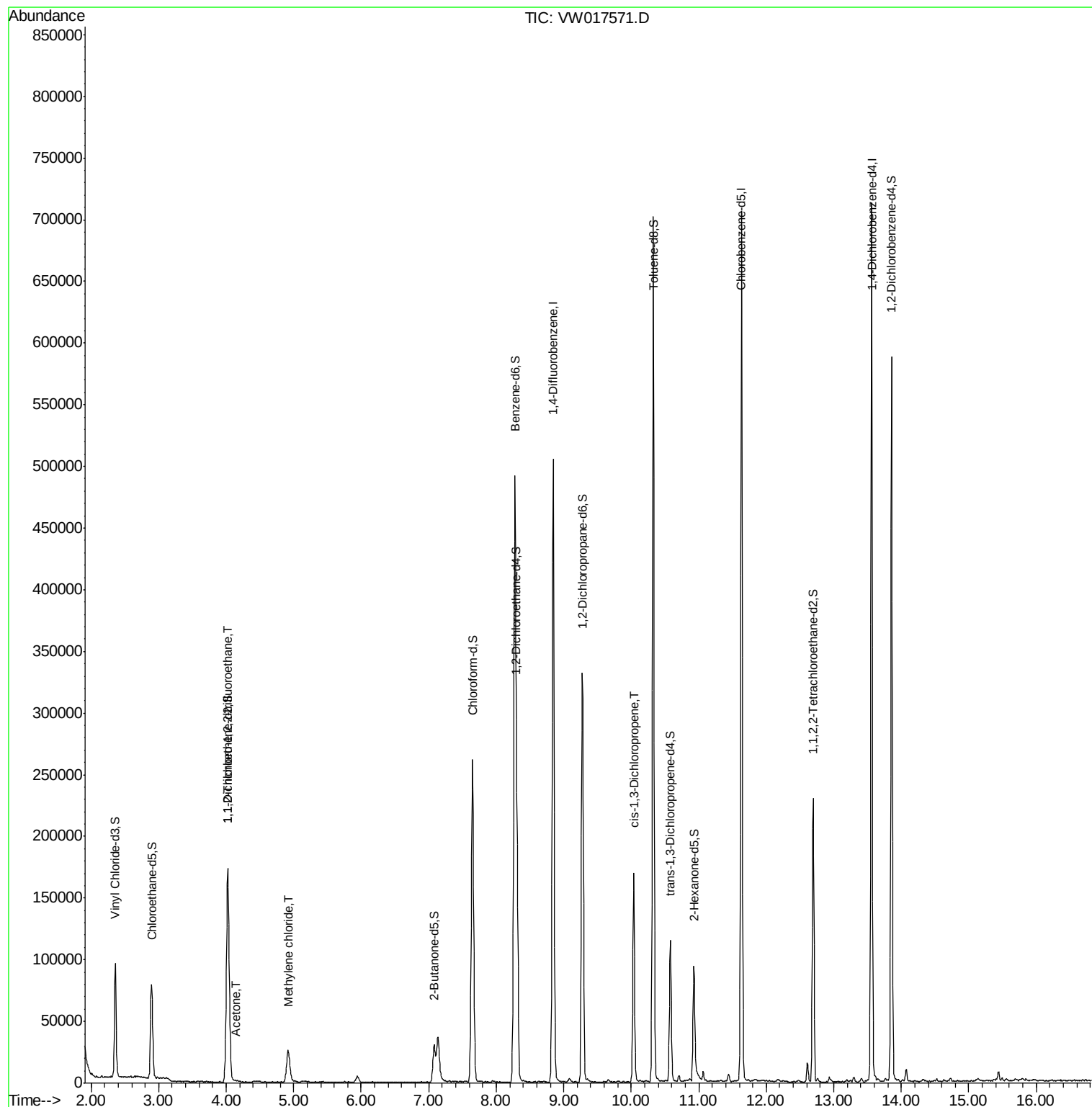
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1673	0.278 ug/L #	35
13) Acetone	4.15	43	651	0.577 ug/L	89
16) Methylene chloride	4.92	84	21246	3.347 ug/L	81
42) cis-1,3-Dichloropropene	10.04	75	5067	0.598 ug/L #	75

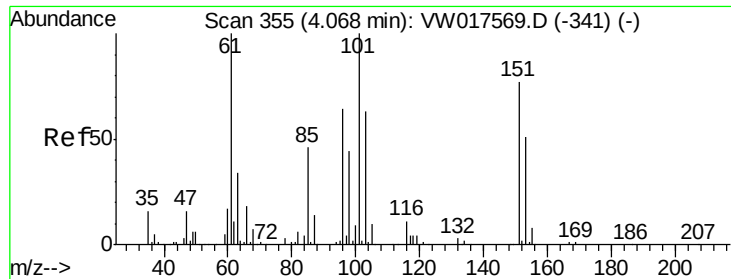
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.278 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017571.D

Acq: 07 Dec 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

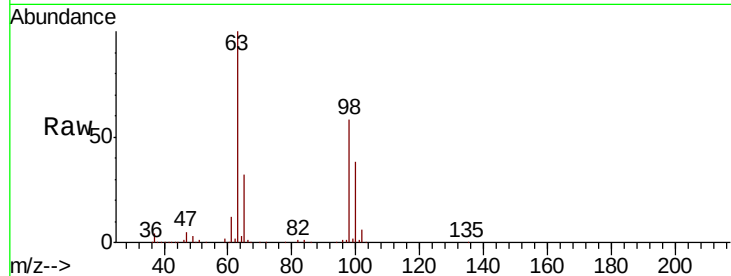
Tot Ion:101 Resp: 1673

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 0.0 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

4.03

600

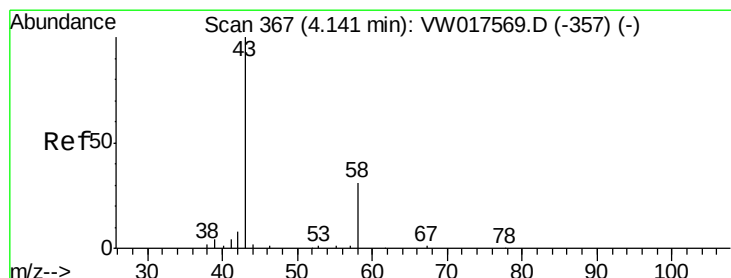
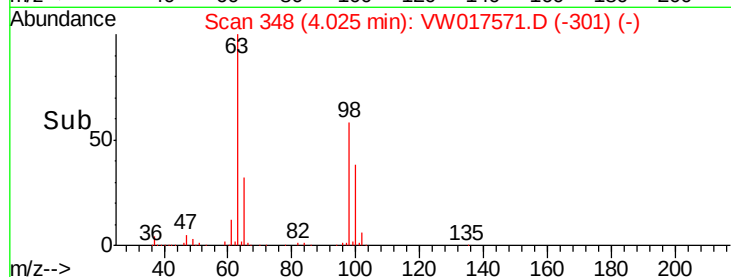
400

200

0

3.95 4.00 4.05

Time-->



#13

Acetone

Concen: 0.577 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW017571.D

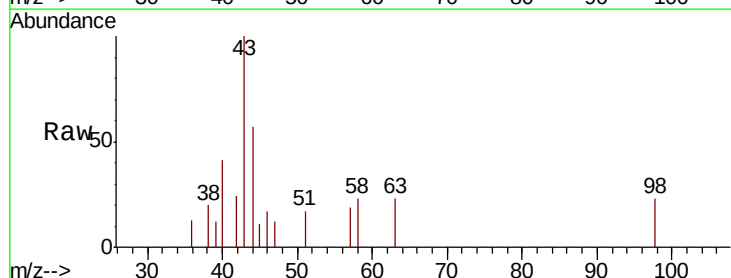
Acq: 07 Dec 2020 11:59

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 27.8 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

500

400

300

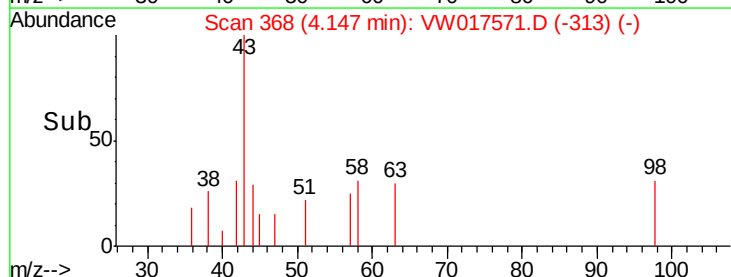
200

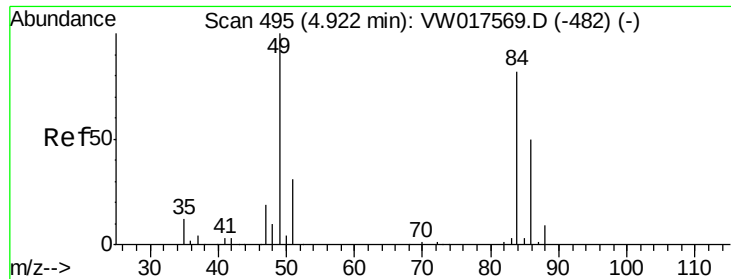
100

0

4.15 4.20

Time-->

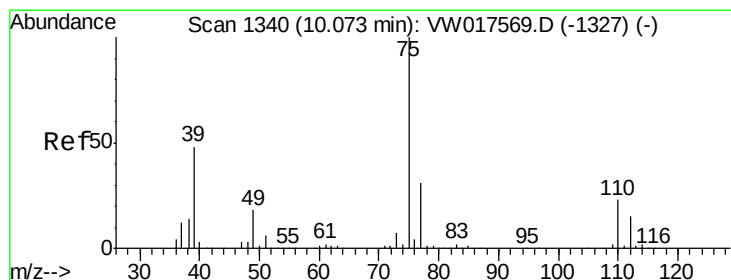
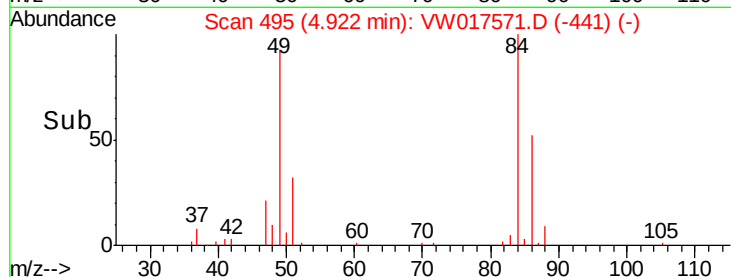
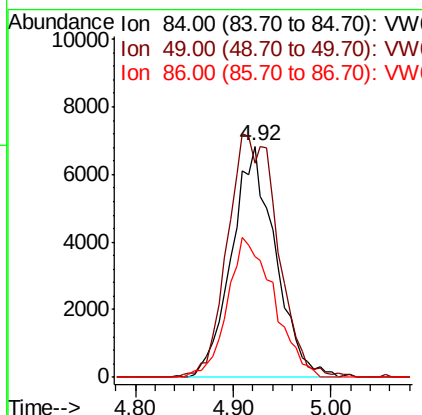
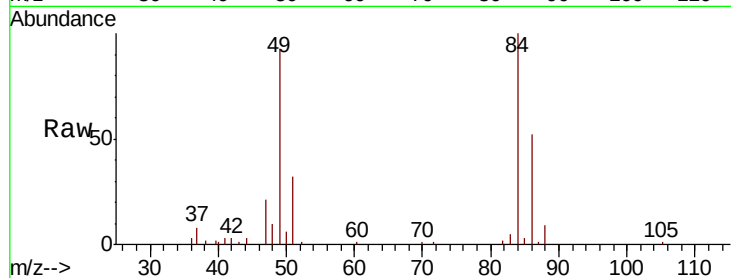




#16
Methylene chloride
Concen: 3.347 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 21246
Ion Ratio Lower Upper
84 100
49 92.7 81.2 150.8
86 52.3 44.5 82.7



#42
cis-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017571.D
Acq: 07 Dec 2020 11:59

Tgt Ion: 75 Resp: 5067
Ion Ratio Lower Upper
75 100
77 46.4 22.7 42.3#

