

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017559.D
 Acq On : 04 Dec 2020 16:28
 Operator : SY/VA
 Sample : L4941-10
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B28

Quant Time: Dec 05 07:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	407823	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86574	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.56%
7) Chloroethane-d5	2.89	69	78908	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
10) 1,1-Dichloroethene-d2	4.11	63	414	0.03	ug/L	0.08
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	7.09	46	48745	41.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.86%
24) Chloroform-d	7.65	84	233786	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	126042	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	8.27	84	434717	18.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.64%
33) 1,2-Dichloropropane-d6	9.27	67	131515	20.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.84%
37) Toluene-d8	10.32	98	378564	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.64%
38) trans-1,3-Dichloropropene-	10.58	79	50776	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.20%
39) 2-Hexanone-d5	10.93	63	30150	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97755	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	118169	19.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.92%

Target Compounds

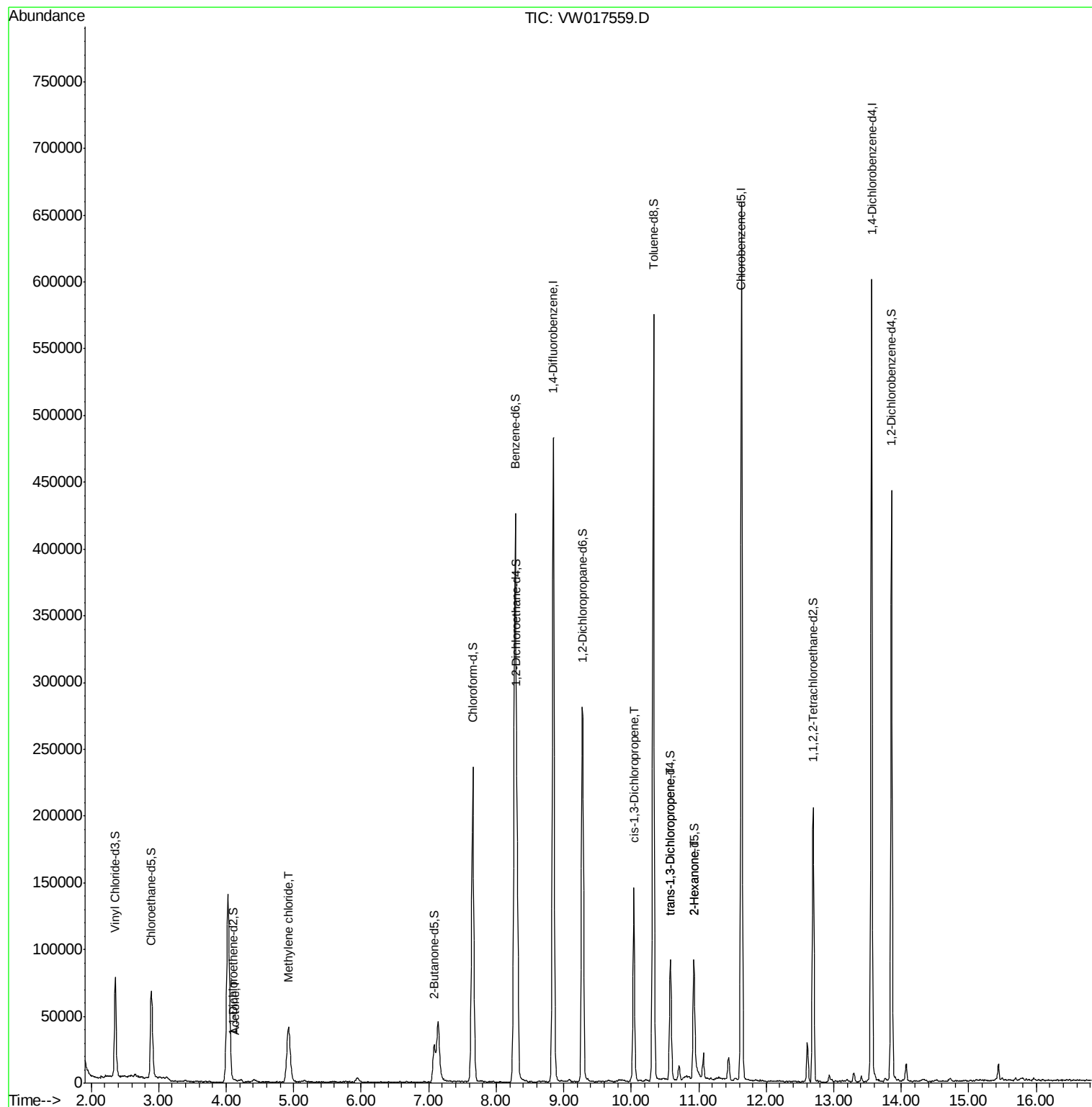
					Ovalue
13) Acetone	4.13	43	994	0.868 ug/L	79
16) Methylene chloride	4.92	84	18452	3.001 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	4000	0.491 ug/L #	68
45) trans-1,3-Dichloropropene	10.57	75	2459	0.351 ug/L	93
49) 2-Hexanone	10.93	43	5823	3.258 ug/L #	62

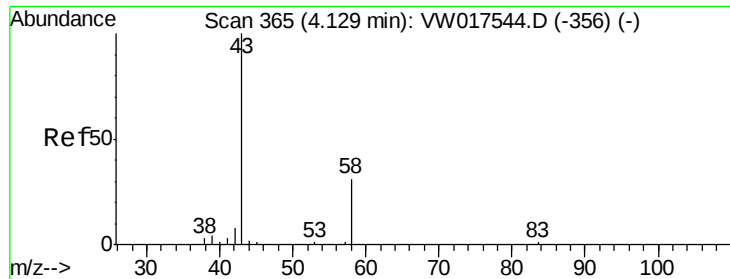
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.868 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017559.D

Acq: 04 Dec 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

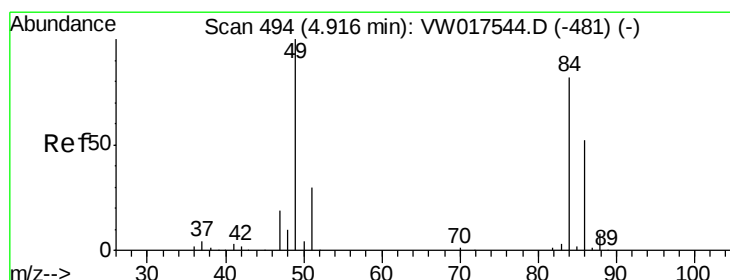
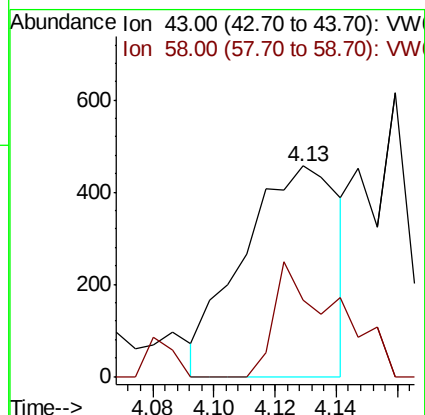
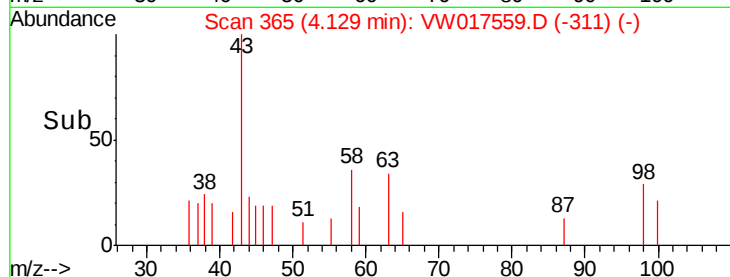
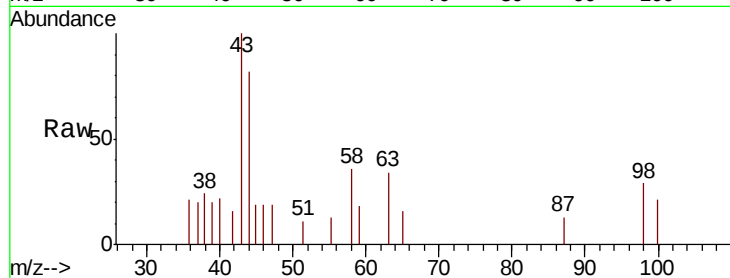
C0B28

Tot Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

58 22.2 0.0 68.4



#16

Methylene chloride

Concen: 3.001 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017559.D

Acq: 04 Dec 2020 16:28

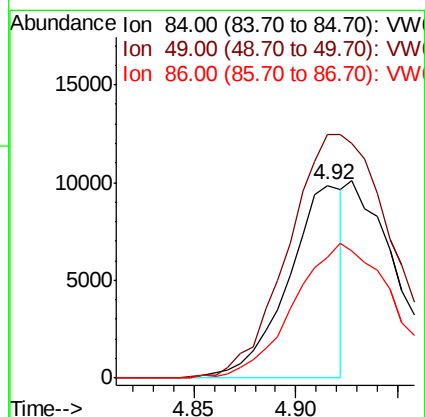
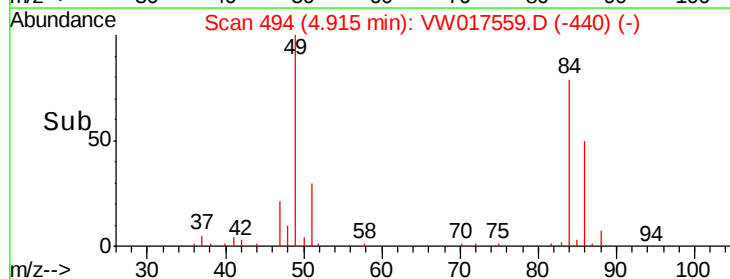
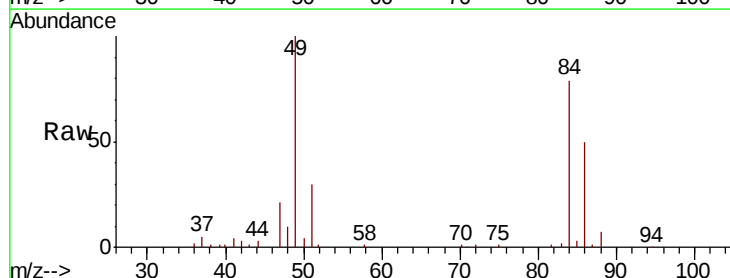
Tgt Ion: 84 Resp: 18452

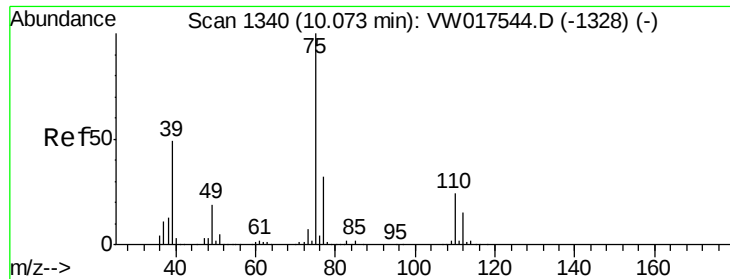
Ion Ratio Lower Upper

84 100

49 126.0 81.2 150.8

86 62.4 44.5 82.7





#42

cis-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017559.D

Acq: 04 Dec 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

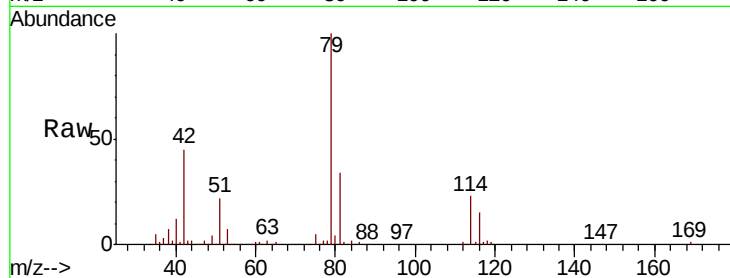
C0B28

Tot Ion: 75 Resp: 4000

Ion Ratio Lower Upper

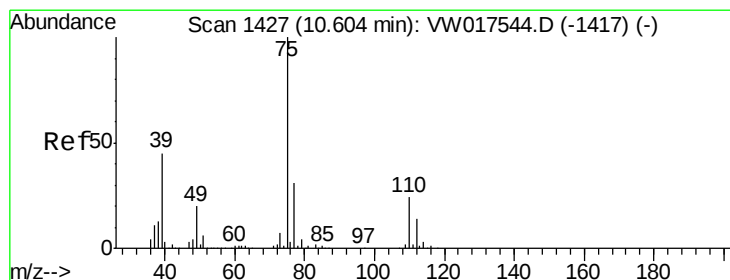
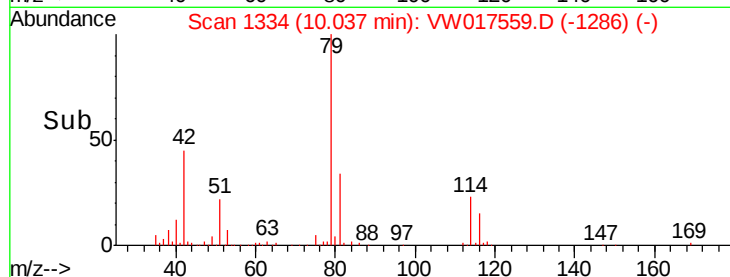
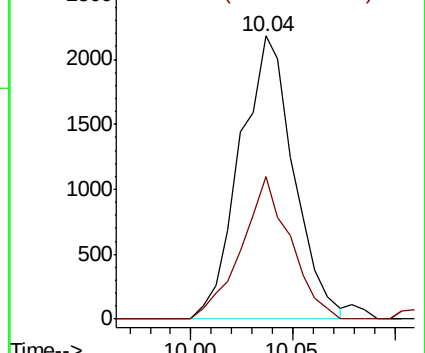
75 100

77 50.5 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017559.D

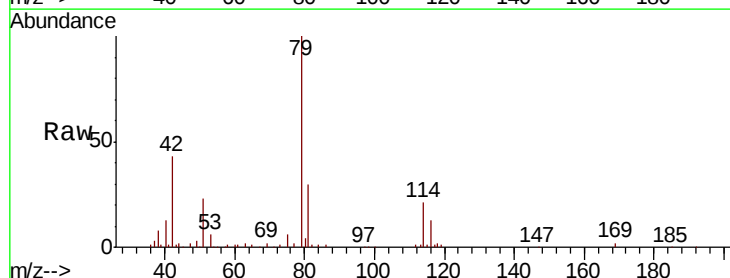
Acq: 04 Dec 2020 16:28

Tgt Ion: 75 Resp: 2459

Ion Ratio Lower Upper

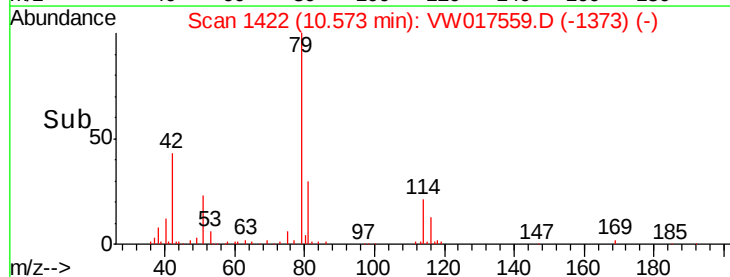
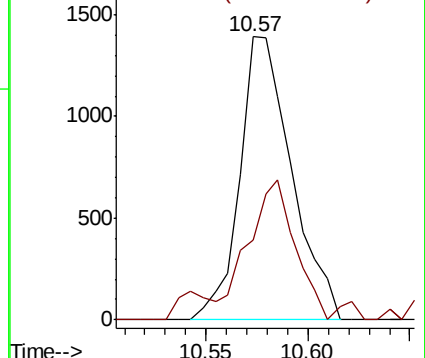
75 100

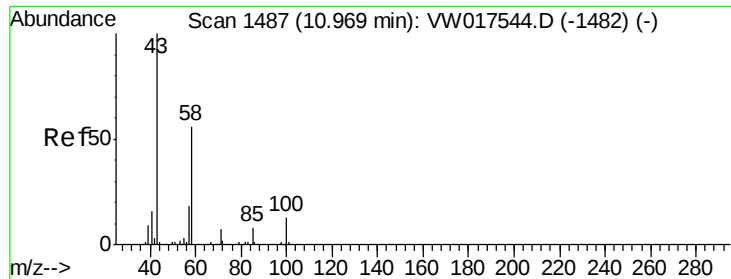
77 28.4 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.258 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017559.D

Acq: 04 Dec 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

C0B28

Tot Ion: 43 Resp: 5823

Ion Ratio Lower Upper

43 100

58 24.5 51.3 76.9#

57 21.8 15.0 22.6

100 4.9 12.2 18.2#

