

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016659.D
 Acq On : 28 Sep 2020 11:03
 Operator : SY/VA
 Sample : VW0928SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK21

Quant Time: Sep 29 05:27:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	629378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	565406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274400	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	103058	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.68%
7) Chloroethane-d5	2.91	69	93875	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
10) 1,1-Dichloroethene-d2	4.03	63	168061	12.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.36%
20) 2-Butanone-d5	7.09	46	69846	42.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.10%
24) Chloroform-d	7.66	84	291873	22.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	8.31	65	151594	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.28	84	525739	20.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.92%
33) 1,2-Dichloropropane-d6	9.28	67	156046	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
37) Toluene-d8	10.33	98	479017	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.80%
38) trans-1,3-Dichloropropene-	10.58	79	71134	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	57065	45.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134882	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	203028	23.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.64%

Target Compounds

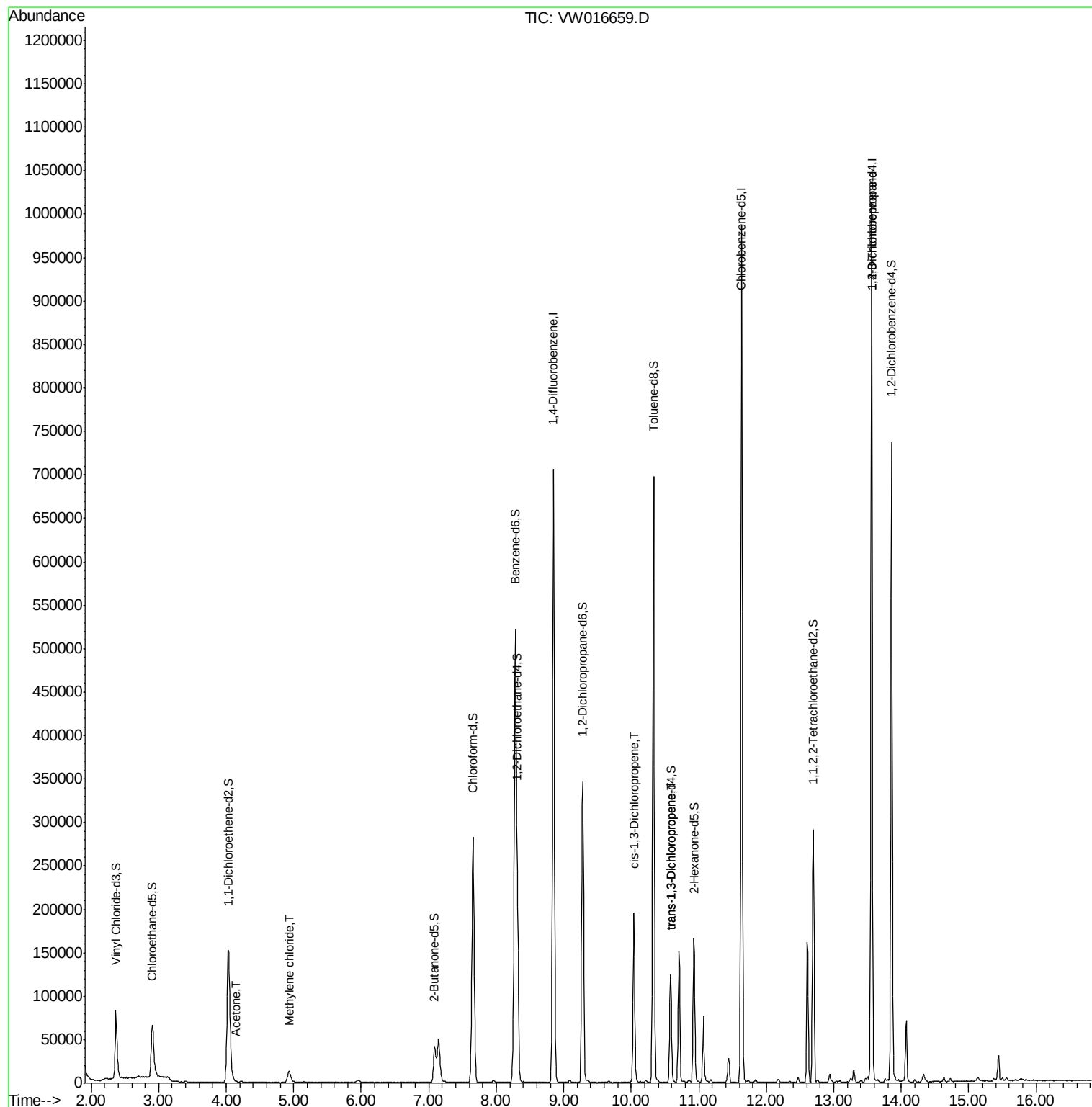
					Ovalue
13) Acetone	4.14	43	1984	1.525 ug/L	57
16) Methylene chloride	4.93	84	11972	1.233 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	5733	0.476 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3887	0.371 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	29350	5.934 ug/L	91

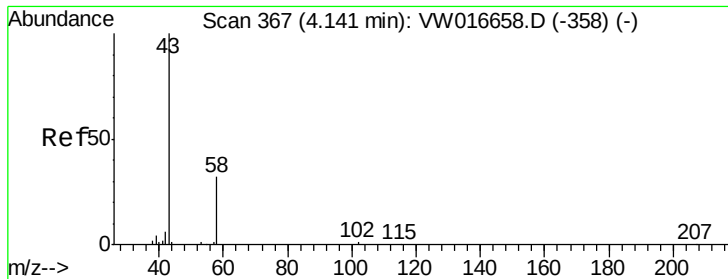
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.525 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016659.D

Acq: 28 Sep 2020 11:03

Instrument :

MSVOA_W

ClientSampled :

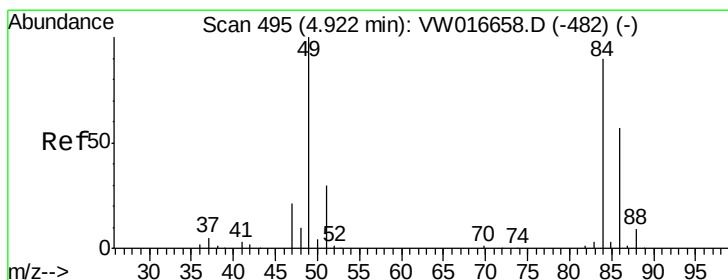
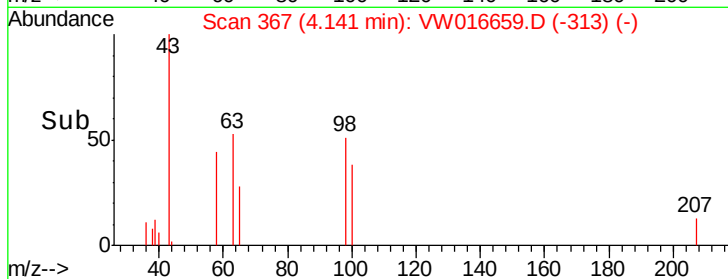
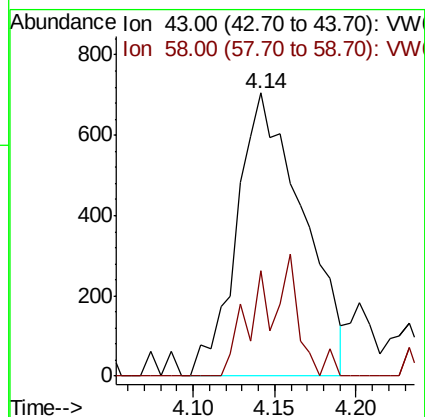
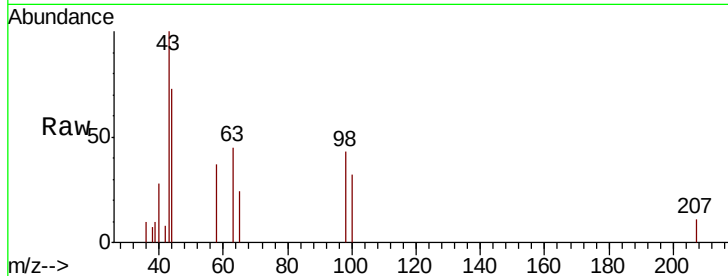
VBLK21

Tot Ion: 43 Resp: 1984

Ion Ratio Lower Upper

43 100

58 7.0 0.0 60.2



#16

Methylene chloride

Concen: 1.233 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016659.D

Acq: 28 Sep 2020 11:03

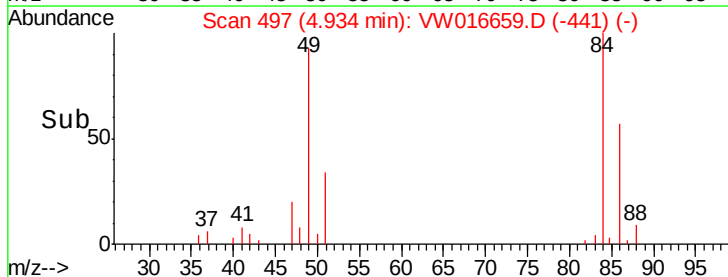
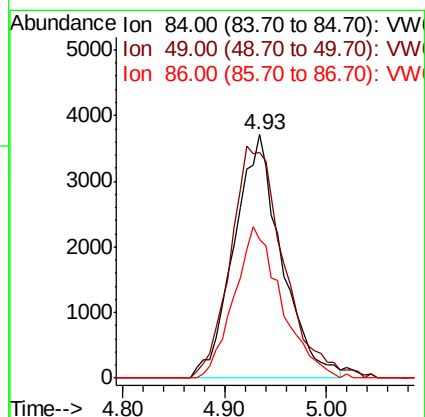
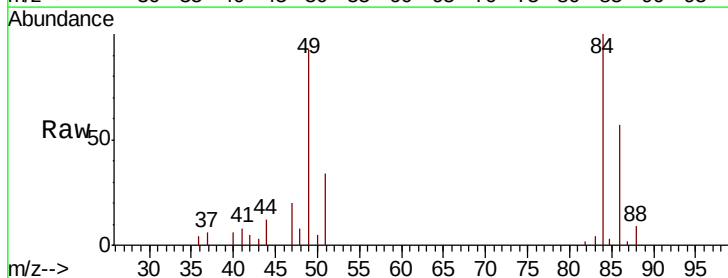
Tgt Ion: 84 Resp: 11972

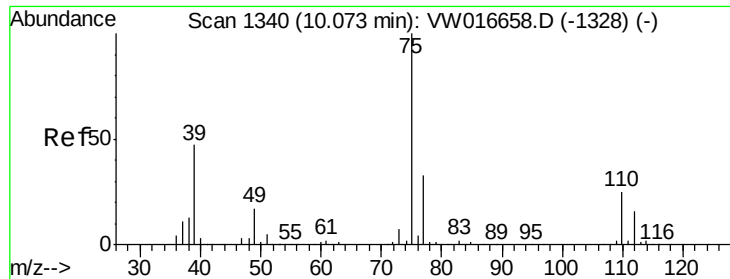
Ion Ratio Lower Upper

84 100

49 92.6 76.0 141.2

86 57.2 45.6 84.6





#42

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016659.D

Acq: 28 Sep 2020 11:03

Instrument :

MSVOA_W

ClientSampled :

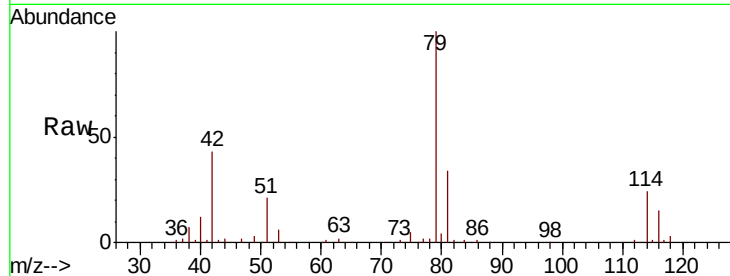
VBLK21

Tot Ion: 75 Resp: 5733

Ion Ratio Lower Upper

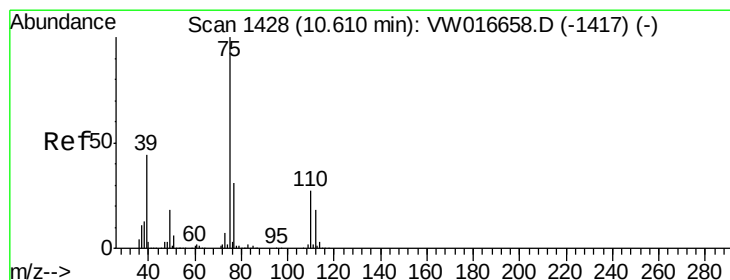
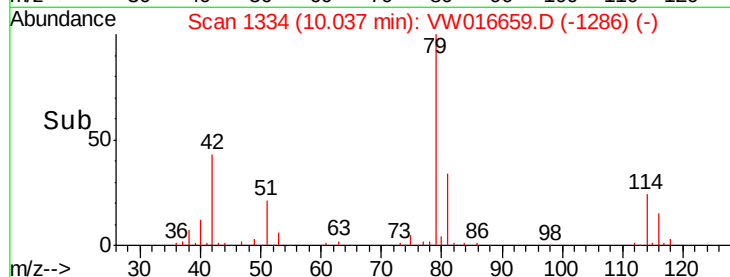
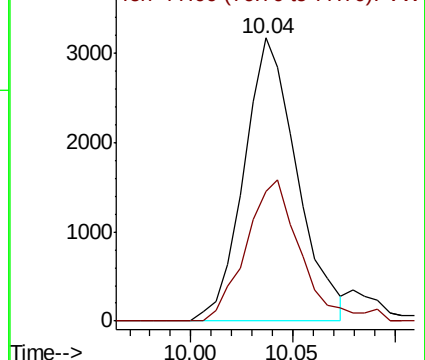
75 100

77 46.0 22.2 41.2#



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: 0.371 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016659.D

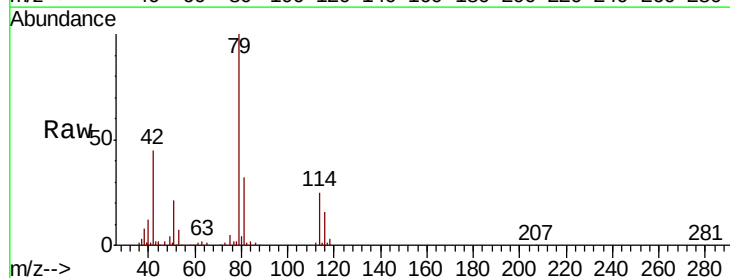
Acq: 28 Sep 2020 11:03

Tgt Ion: 75 Resp: 3887

Ion Ratio Lower Upper

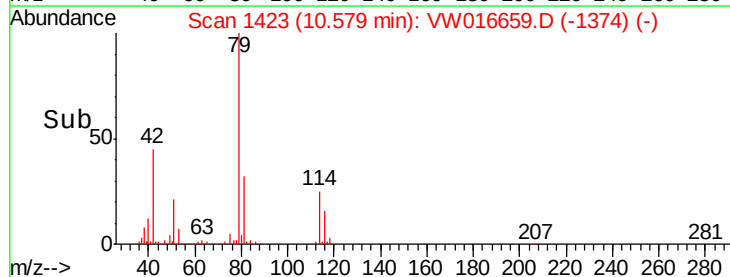
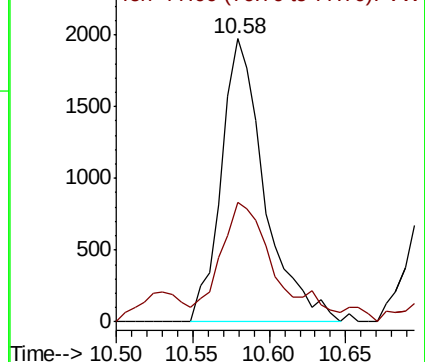
75 100

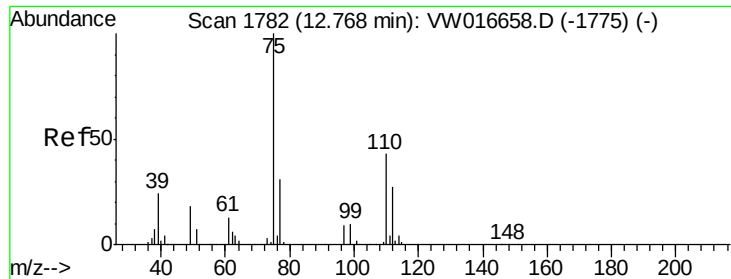
77 42.4 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.934 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016659.D

Acq: 28 Sep 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VBLK21

Tot Ion: 75 Resp: 29350

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.4

