

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016631.D
 Acq On : 23 Sep 2020 15:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK06

Quant Time: Sep 24 04:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	522451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	81761	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
7) Chloroethane-d5	2.90	69	70800	17.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.60%
10) 1,1-Dichloroethene-d2	4.03	63	124521	11.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.04%#
20) 2-Butanone-d5	7.09	46	55030	39.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.82%
24) Chloroform-d	7.65	84	206354	18.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.52%
26) 1,2-Dichloroethane-d4	8.31	65	110685	19.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.92%
29) Benzene-d6	8.28	84	370100	17.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.64%
33) 1,2-Dichloropropane-d6	9.28	67	109684	19.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.28%
37) Toluene-d8	10.33	98	339413	16.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.88%
38) trans-1,3-Dichloropropene-	10.58	79	49297	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.88%
39) 2-Hexanone-d5	10.93	63	42522	41.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100033	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	147905	20.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.20%

Target Compounds

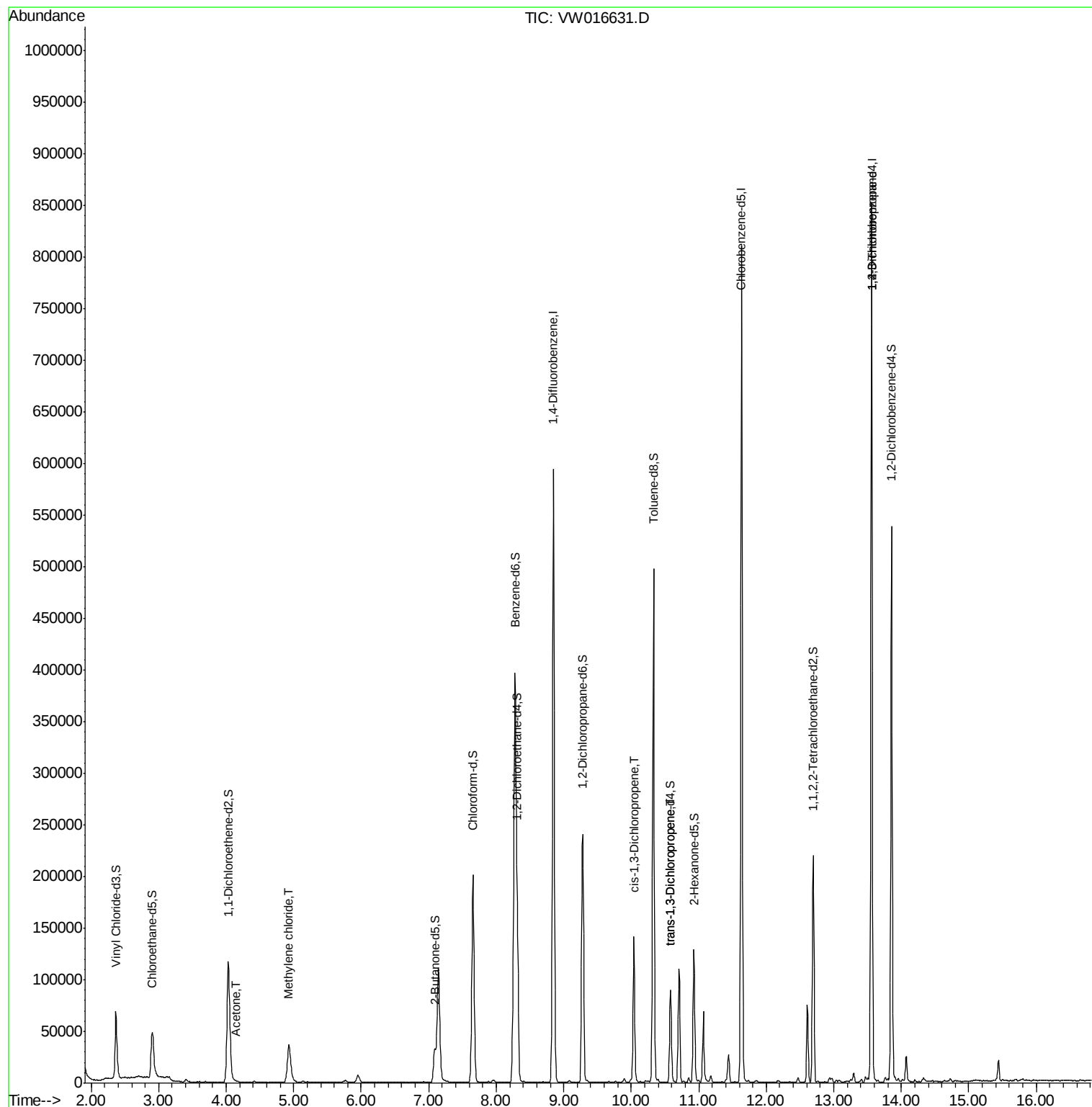
					Ovalue
13) Acetone	4.15	43	2342	2.168 ug/L	66
16) Methylene chloride	4.92	84	15676	1.945 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4111	0.413 ug/L	88
45) trans-1,3-Dichloropropene	10.59	75	3013	0.348 ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	23662	5.790 ug/L	90

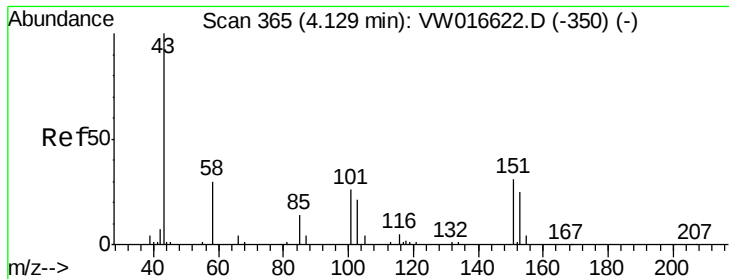
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.168 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016631.D

Acq: 23 Sep 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

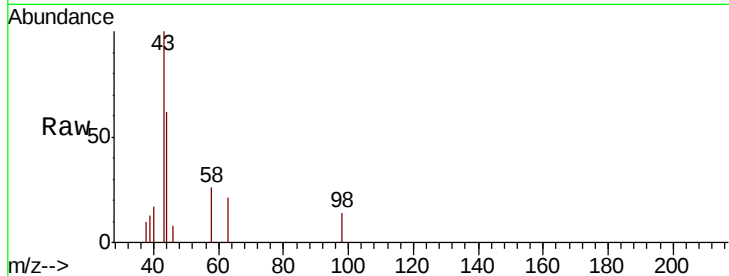
VIBLK06

Tot Ion: 43 Resp: 2342

Ion Ratio Lower Upper

43 100

58 11.4 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

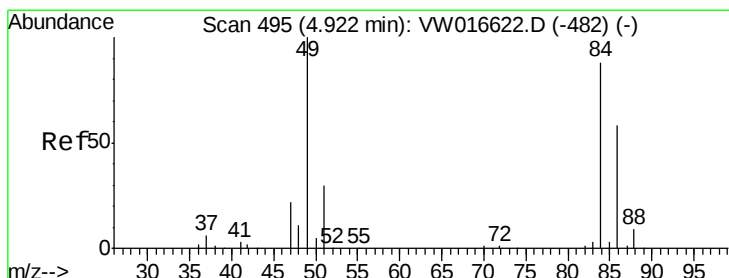
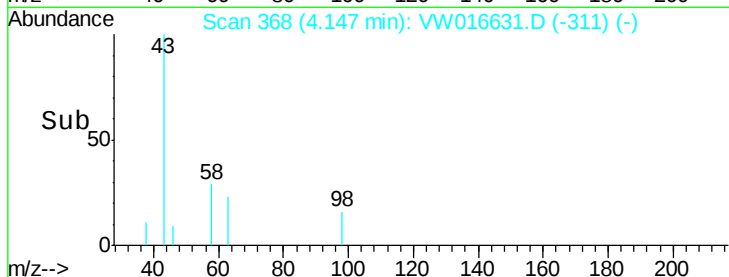
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 1.945 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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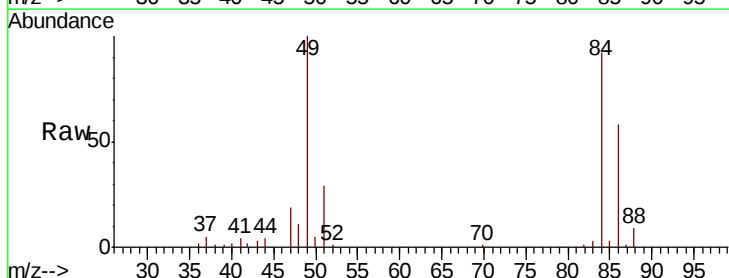
Tgt Ion: 84 Resp: 15676

Ion Ratio Lower Upper

84 100

49 108.2 76.0 141.2

86 62.6 45.6 84.6



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

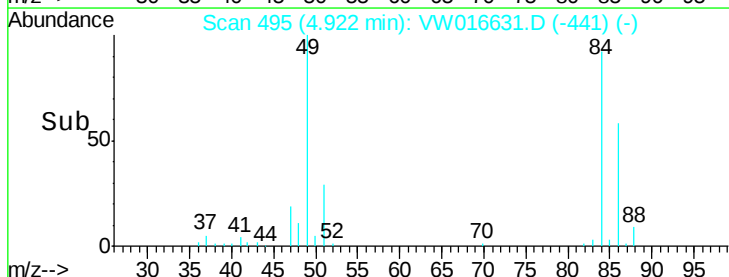
4.92

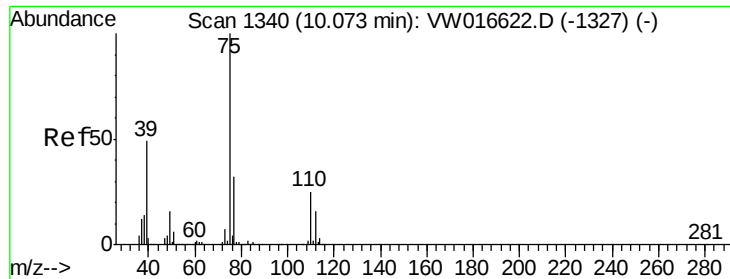
10000

5000

0

Time--> 4.85 4.90 4.95





#42

cis-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016631.D

Acq: 23 Sep 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

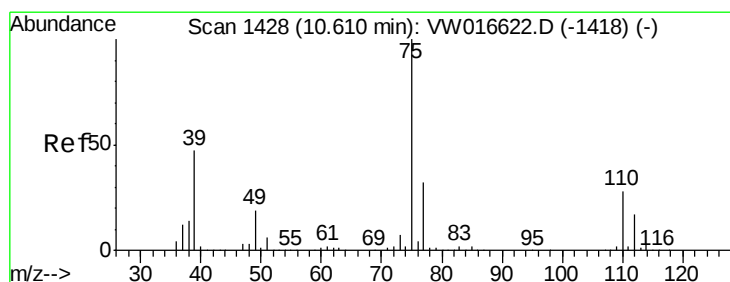
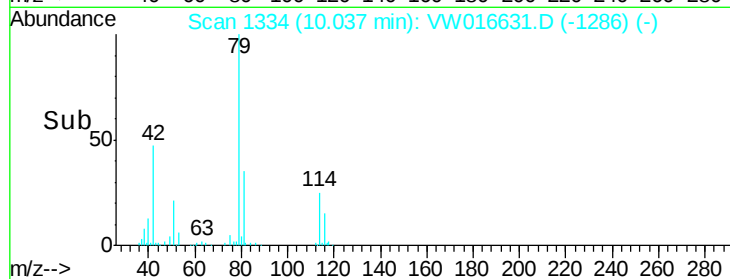
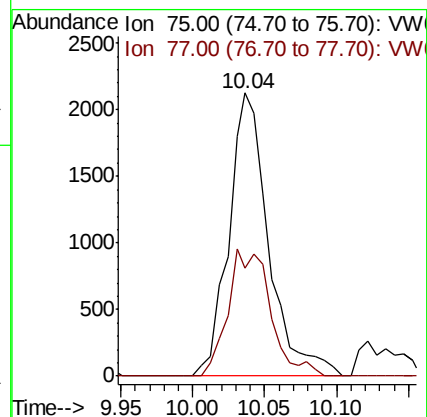
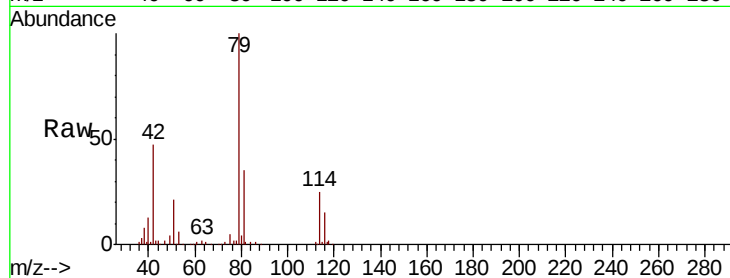
VIBLK06

Tot Ion: 75 Resp: 4111

Ion Ratio Lower Upper

75 100

77 38.3 22.2 41.2



#45

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016631.D

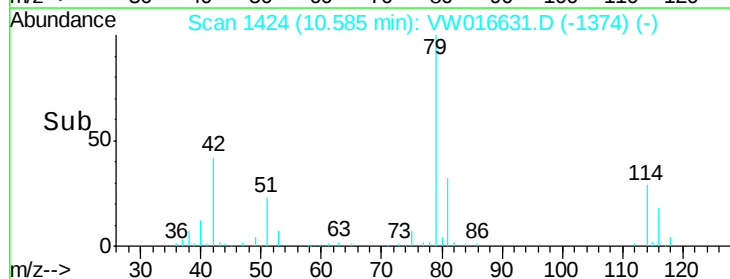
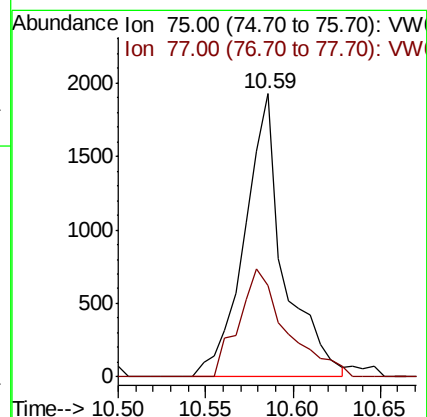
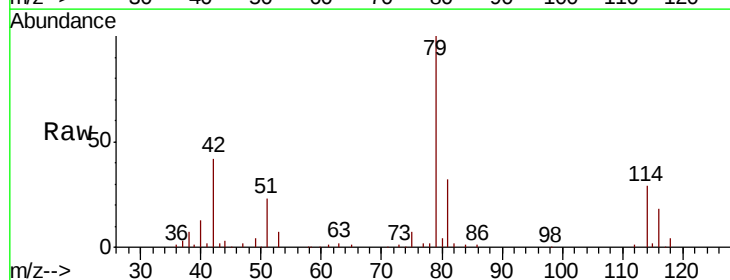
Acq: 23 Sep 2020 15:14

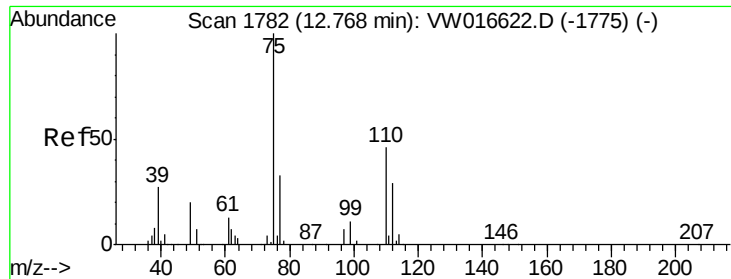
Tgt Ion: 75 Resp: 3013

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.790 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016631.D

Acq: 23 Sep 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VIBLK06

Tot Ion: 75 Resp: 23662

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4

