

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017302.D
 Acq On : 17 Nov 2020 22:22
 Operator : SY/VA
 Sample : L4738-08
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X5

Quant Time: Nov 18 04:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403069	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92772	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	2.89	69	82625	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	4.02	63	137570	15.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.60%
20) 2-Butanone-d5	7.08	46	57200	50.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.76%
24) Chloroform-d	7.65	84	218439	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	116165	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.27	84	418929	24.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.32%
33) 1,2-Dichloropropane-d6	9.27	67	120033	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.32	98	375165	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.58	79	47417	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	10.93	63	45071	54.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103494	24.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	95919	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

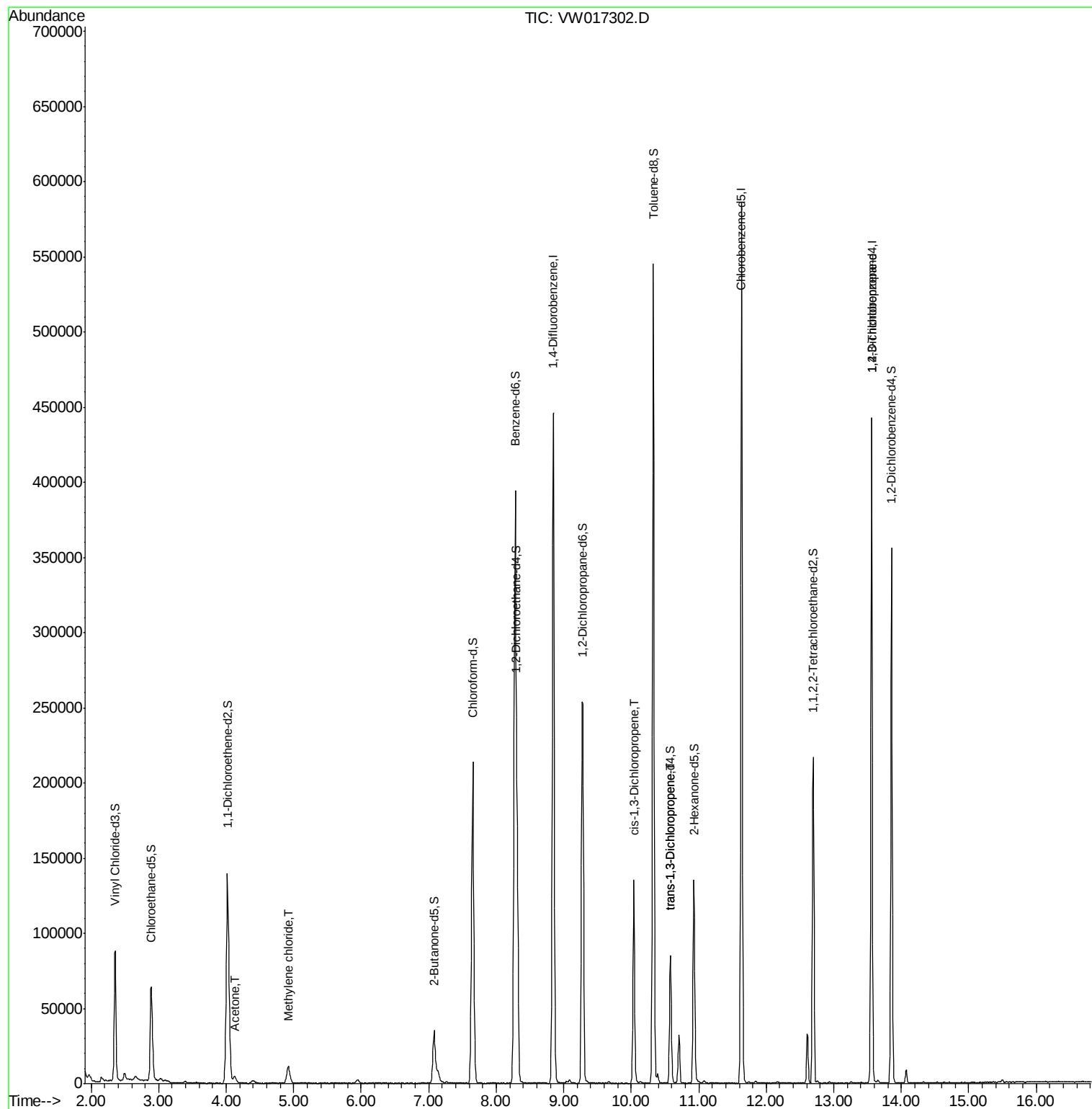
					Ovalue
13) Acetone	4.13	43	7483	9.844 ug/L	99
16) Methylene chloride	4.92	84	9768	1.798 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	3524	0.536 ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	2266	0.401 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	12875	4.333 ug/L	92

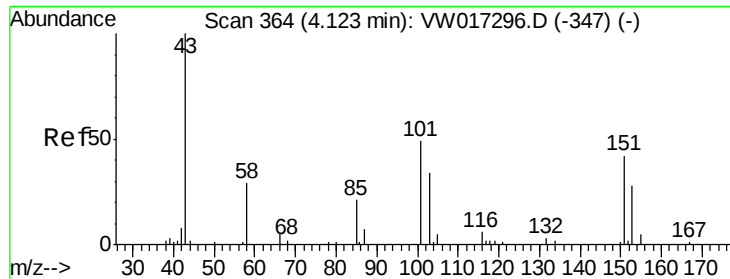
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111720\
Data File : VW017302.D
Acq On : 17 Nov 2020 22:22
Operator : SY/VA
Sample : L4738-08
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0X5

Quant Time: Nov 18 04:52:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.844 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017302.D

Acq: 17 Nov 2020 22:22

Instrument :

MSVOA_W

ClientSampled :

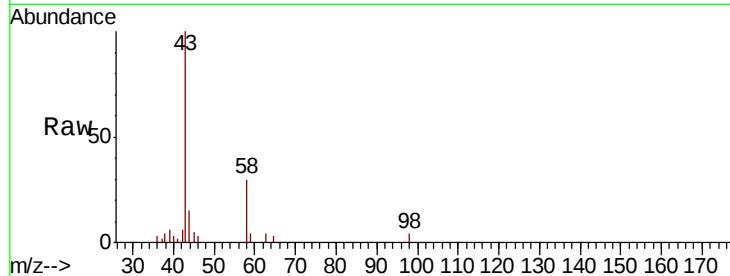
GB0X5

Tot Ion: 43 Resp: 7483

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

2500

2000

1500

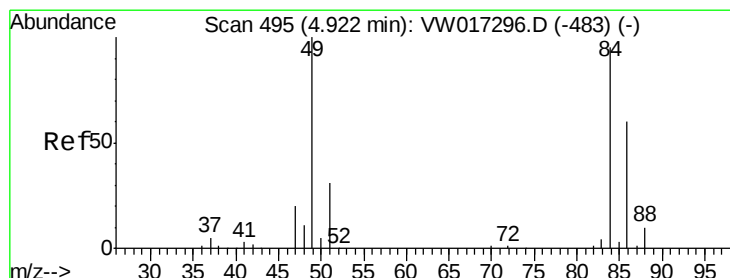
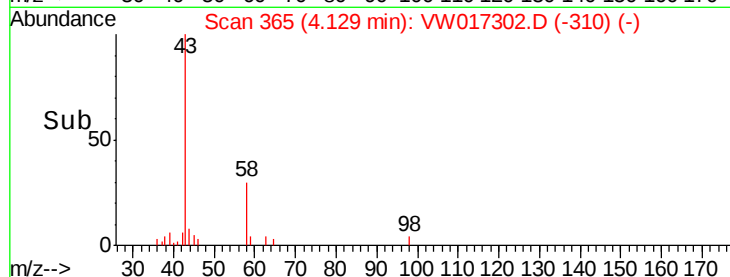
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.798 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017302.D

Acq: 17 Nov 2020 22:22

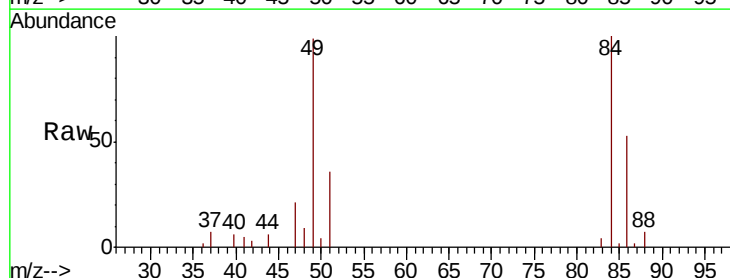
Tgt Ion: 84 Resp: 9768

Ion Ratio Lower Upper

84 100

49 98.6 72.3 134.3

86 53.1 45.1 83.7



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

4000

3000

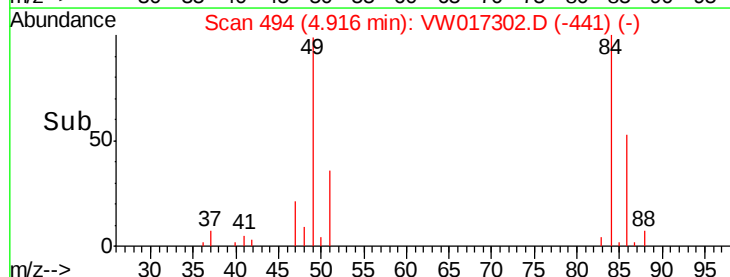
2000

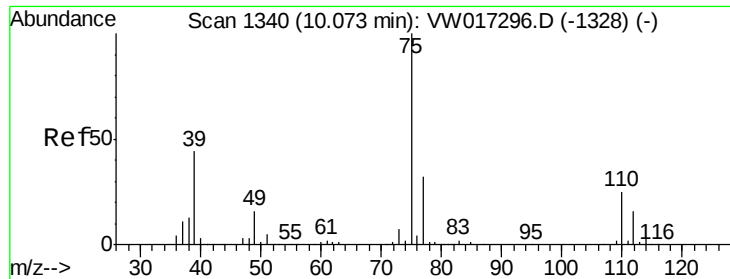
1000

0

4.80 4.85 4.90 4.95 5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017302.D

Acq: 17 Nov 2020 22:22

Instrument :

MSVOA_W

ClientSampled :

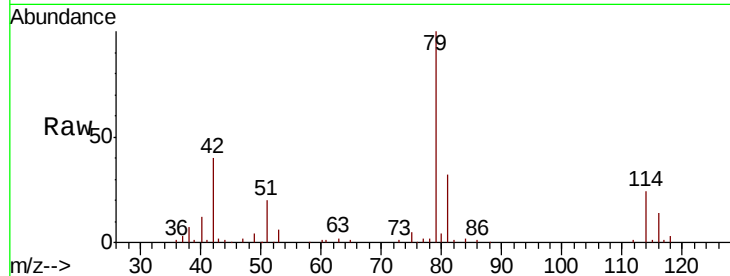
GB0X5

Tot Ion: 75 Resp: 3524

Ion Ratio Lower Upper

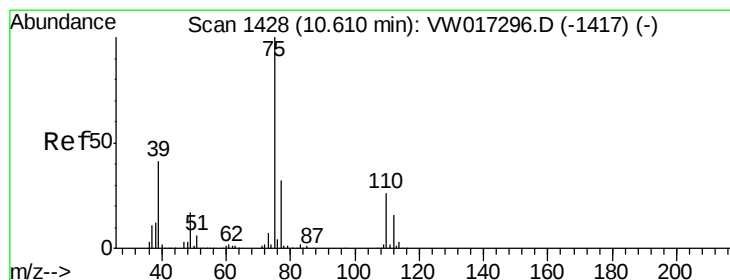
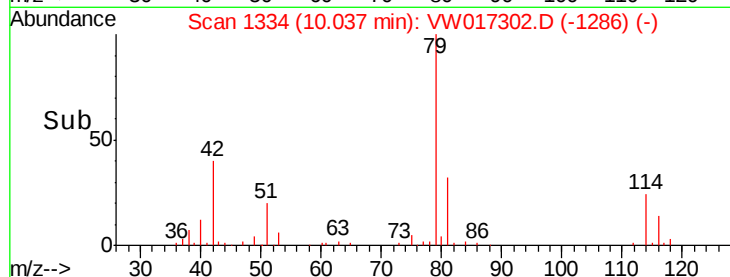
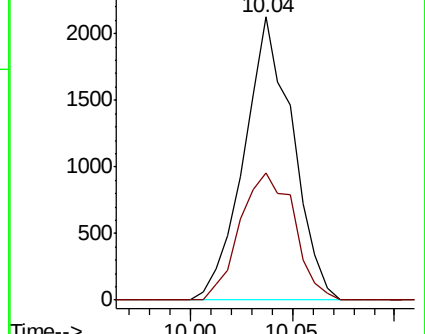
75 100

77 44.8 22.0 41.0#



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: 0.401 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017302.D

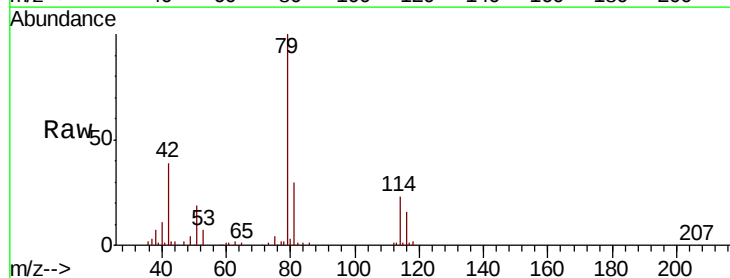
Acq: 17 Nov 2020 22:22

Tgt Ion: 75 Resp: 2266

Ion Ratio Lower Upper

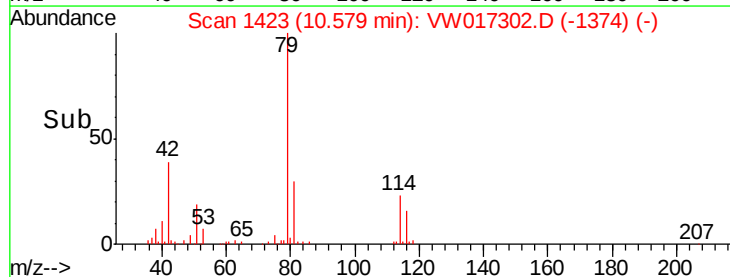
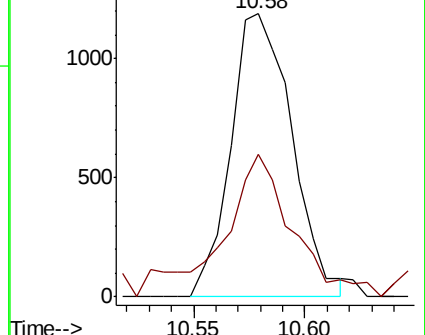
75 100

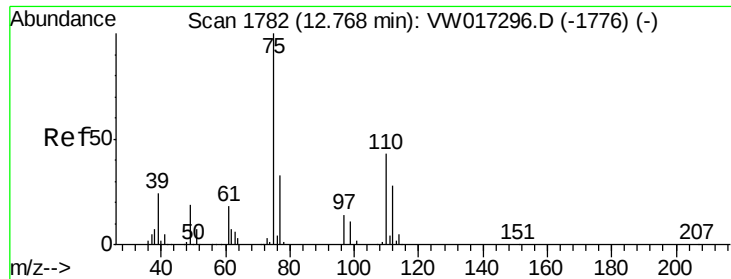
77 50.2 22.1 41.1#



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: 4.333 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017302.D

Acq: 17 Nov 2020 22:22

Instrument :

MSVOA_W

ClientSampleId :

GB0X5

Tot Ion: 75 Resp: 12875

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6

