

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017486.D
 Acq On : 24 Nov 2020 20:39
 Operator : SY/VA
 Sample : L4861-06
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123557	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.24%
7) Chloroethane-d5	2.90	69	112198	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
10) 1,1-Dichloroethene-d2	4.03	63	223610	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	7.09	46	62979	44.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.72%
24) Chloroform-d	7.65	84	320335	22.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	8.45	65	86	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	595132	22.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.48%
33) 1,2-Dichloropropane-d6	9.27	67	179371	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.32	98	518714	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.60%
38) trans-1,3-Dichloropropene-	10.58	79	67928	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	10.93	63	41079	45.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127335	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	154798	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

Target Compounds

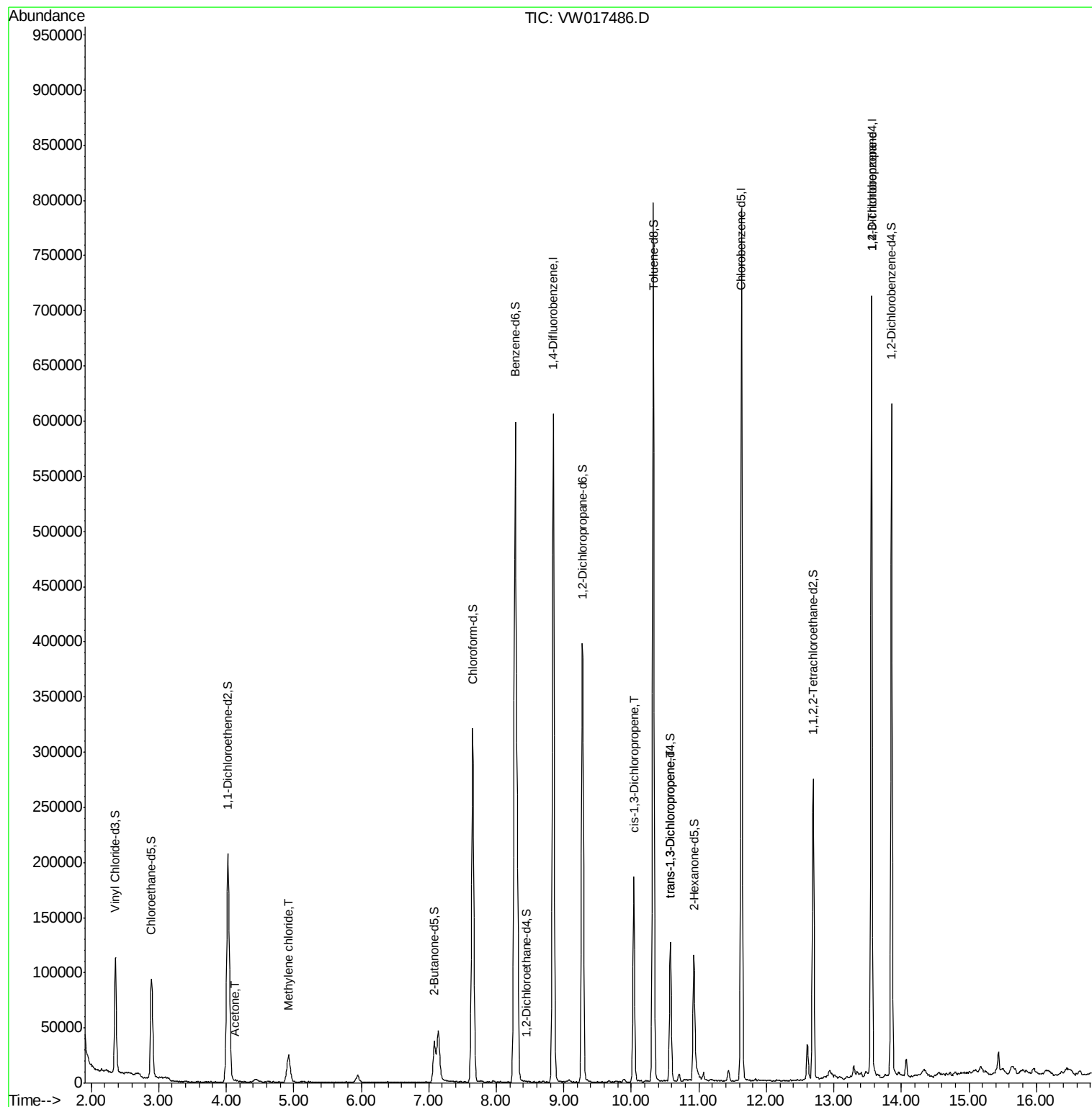
					Ovalue
13) Acetone	4.12	43	820	0.607 ug/L	57
16) Methylene chloride	4.92	84	9826	1.293 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	5303	0.567 ug/L	98
45) trans-1,3-Dichloropropene	10.57	75	3626	0.452 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	21593	6.005 ug/L	92

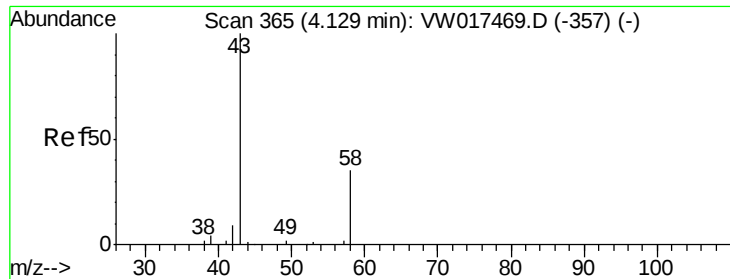
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.607 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017486.D

Acq: 24 Nov 2020 20:39

Instrument :

MSVOA_W

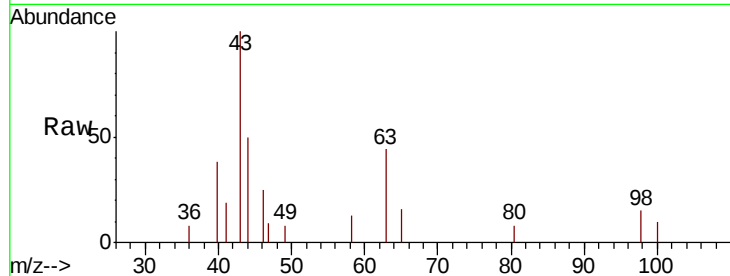
ClientSampled :

Tot Ion: 43 Resp: 820

Ion Ratio Lower Upper

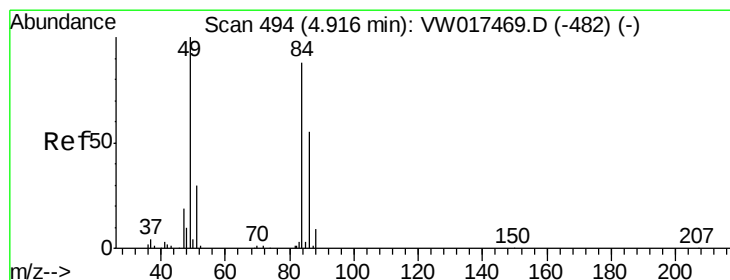
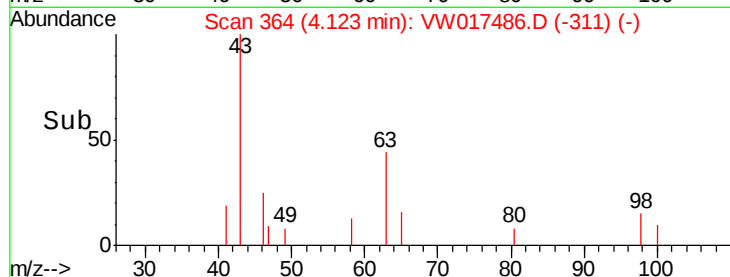
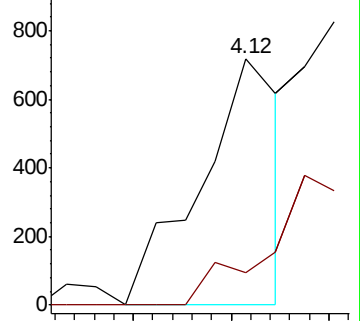
43 100

58 9.8 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.293 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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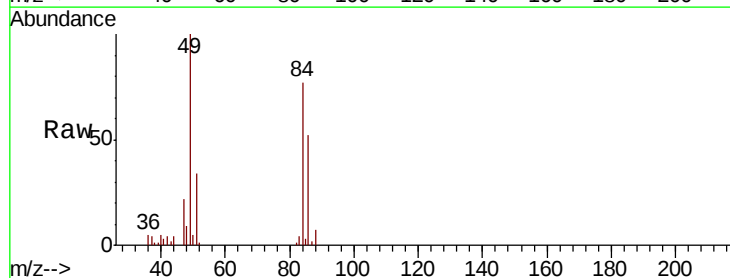
Tgt Ion: 84 Resp: 9826

Ion Ratio Lower Upper

84 100

49 130.7 81.2 150.8

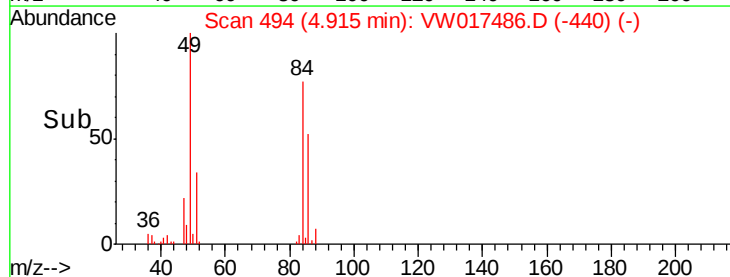
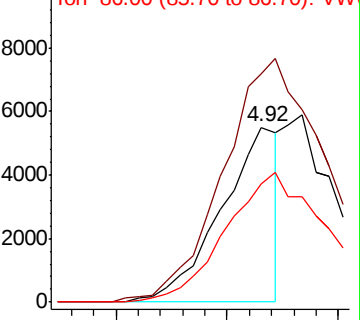
86 67.7 44.5 82.7

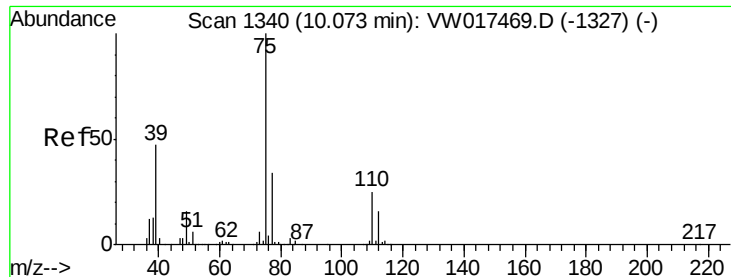


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017486.D

Acq: 24 Nov 2020 20:39

Instrument :

MSVOA_W

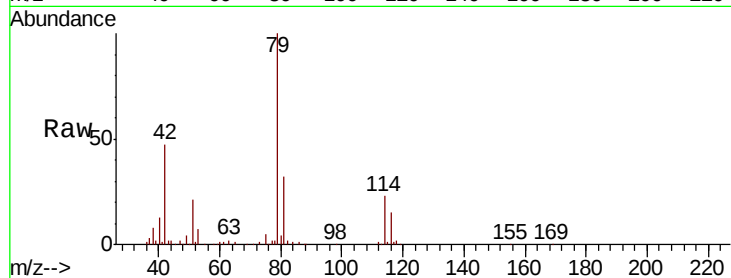
ClientSampled :

Tot Ion: 75 Resp: 5303

Ion Ratio Lower Upper

75 100

77 33.7 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

3000

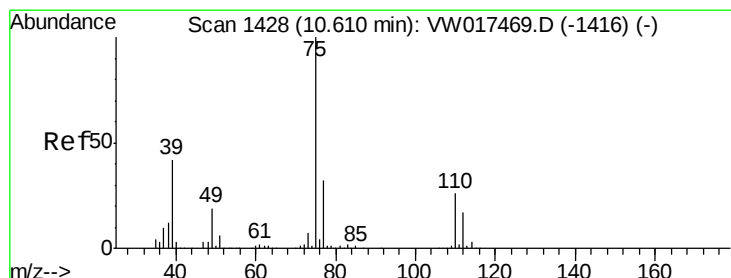
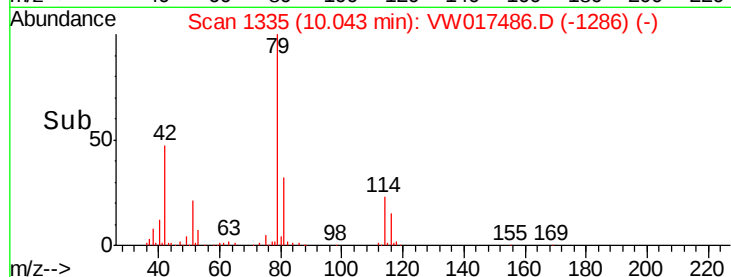
2000

1000

0

10.00 10.05 10.10

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017486.D

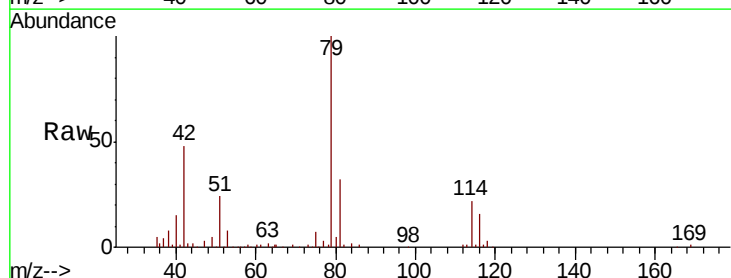
Acq: 24 Nov 2020 20:39

Tgt Ion: 75 Resp: 3626

Ion Ratio Lower Upper

75 100

77 40.8 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.57

2500

2000

1500

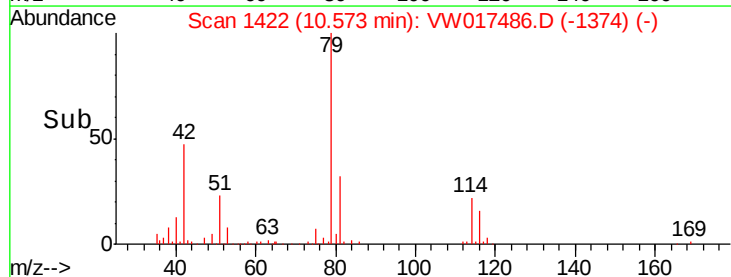
1000

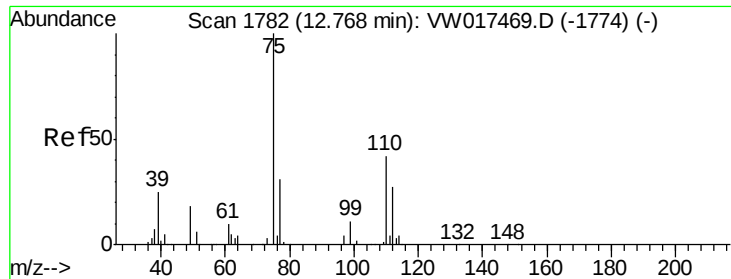
500

0

10.50 10.55 10.60 10.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.005 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017486.D

Acq: 24 Nov 2020 20:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21593

Ion Ratio Lower Upper

75 100

77 37.7 26.6 39.8

