

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016977.D
 Acq On : 23 Oct 2020 12:45
 Operator : SY/VA
 Sample : L4471-22
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	626816	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	551185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	178972	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
7) Chloroethane-d5	2.90	69	134380	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	4.02	63	251380	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	7.09	46	55691	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
24) Chloroform-d	7.65	84	323749	22.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	8.31	65	152390	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.60%
29) Benzene-d6	8.27	84	677747	23.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.76%
33) 1,2-Dichloropropane-d6	9.28	67	180584	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	10.33	98	640216	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.08%
38) trans-1,3-Dichloropropene-	10.58	79	73232	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	47488	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126752	21.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	212686	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

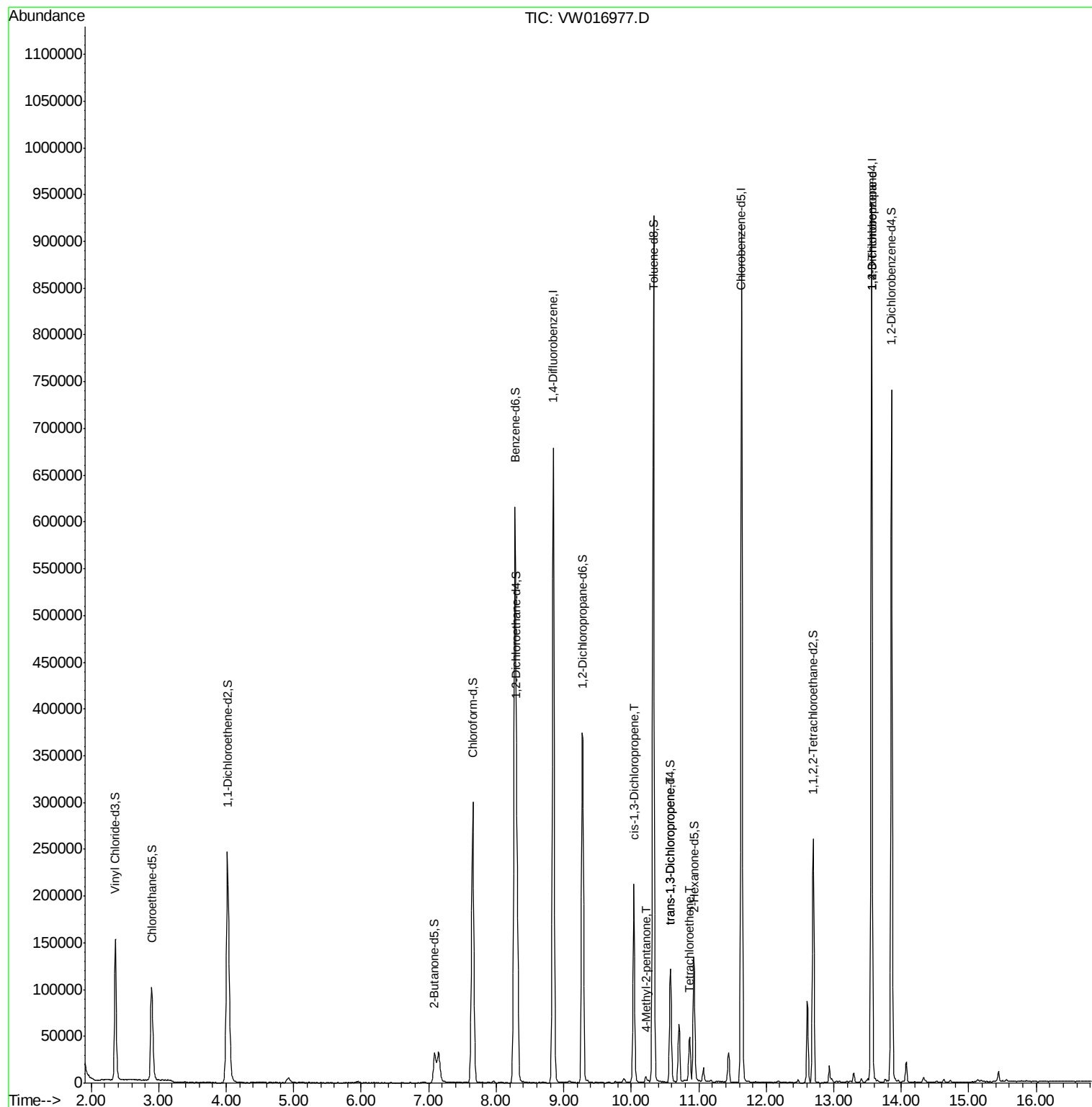
					Ovalue
42) cis-1,3-Dichloropropene	10.04	75	5459	0.513 ug/L #	70
43) 4-Methyl-2-pentanone	10.21	43	4660	1.446 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	3555	0.404 ug/L	89
47) Tetrachloroethene	10.87	164	11463	1.478 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	26944	6.445 ug/L	94

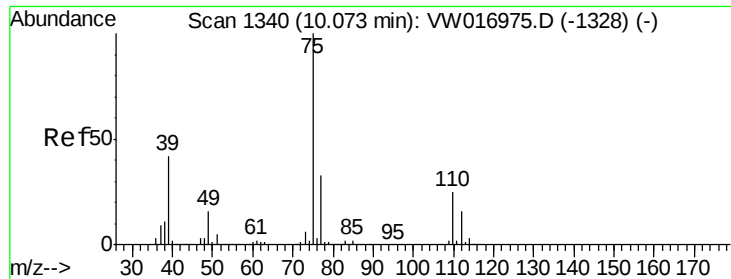
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#42

cis-1,3-Dichloropropene

Concen: 0.513 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016977.D

Acq: 23 Oct 2020 12:45

Instrument :

MSVOA_W

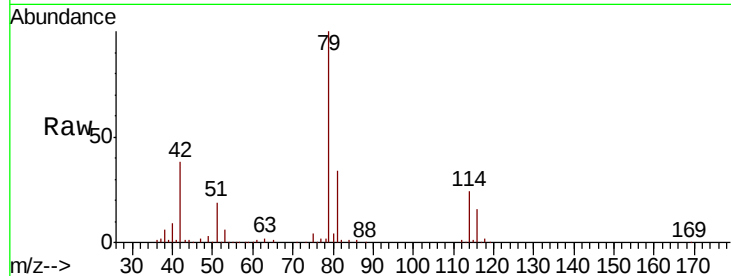
ClientSampleId :

Tot Ion: 75 Resp: 5459

Ion Ratio Lower Upper

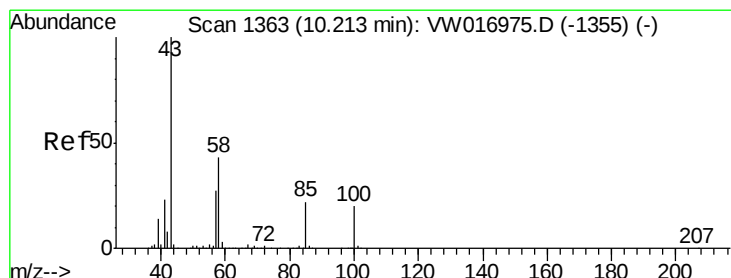
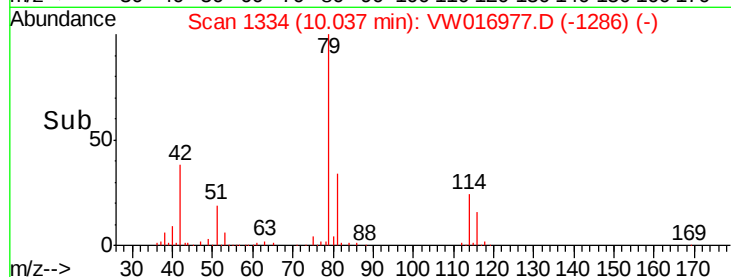
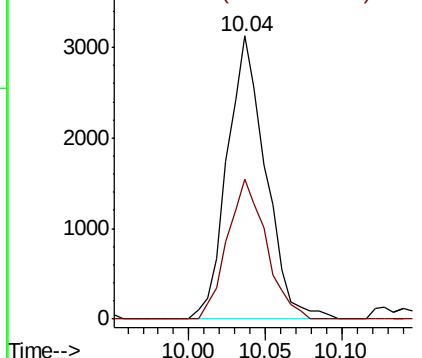
75 100

77 49.3 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 1.446 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016977.D

Acq: 23 Oct 2020 12:45

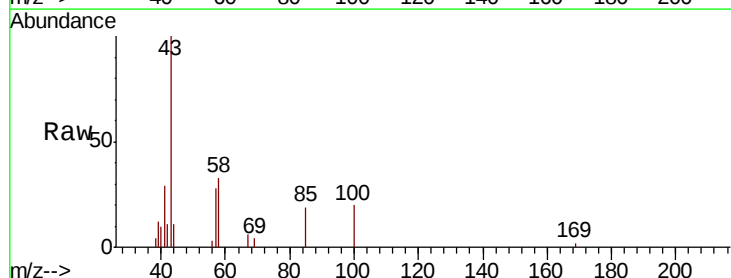
Tgt Ion: 43 Resp: 4660

Ion Ratio Lower Upper

43 100

58 21.0 34.4 51.6#

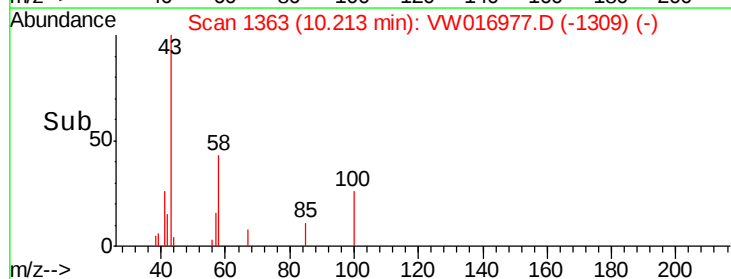
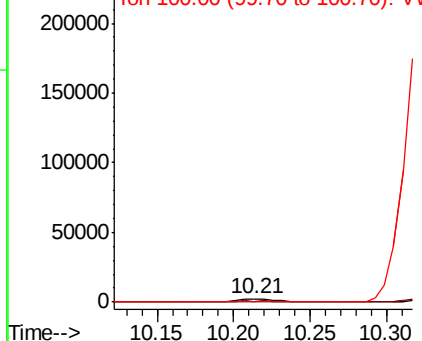
100 18.2 16.2 24.2

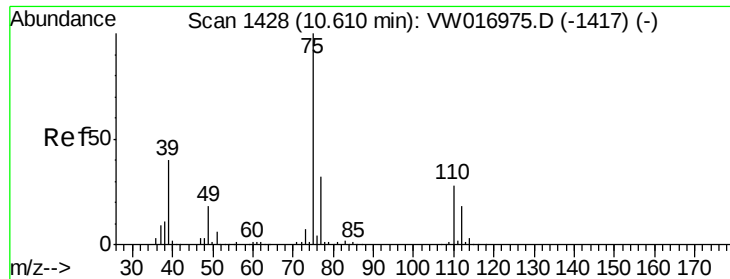


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.404 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016977.D

Acq: 23 Oct 2020 12:45

Instrument :

MSVOA_W

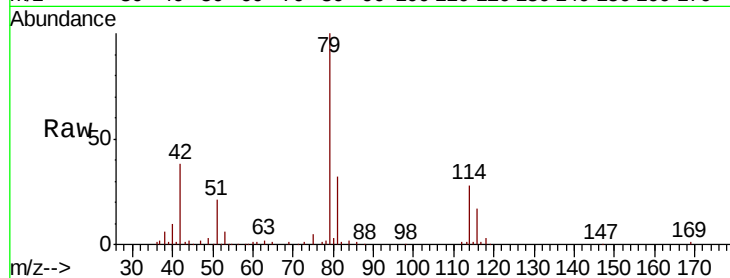
ClientSampleId :

Tot Ion: 75 Resp: 3555

Ion Ratio Lower Upper

75 100

77 26.5 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

2000

1500

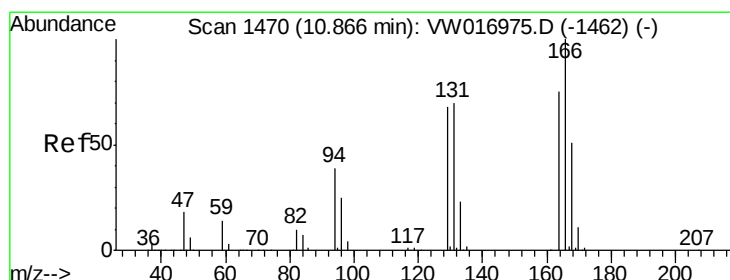
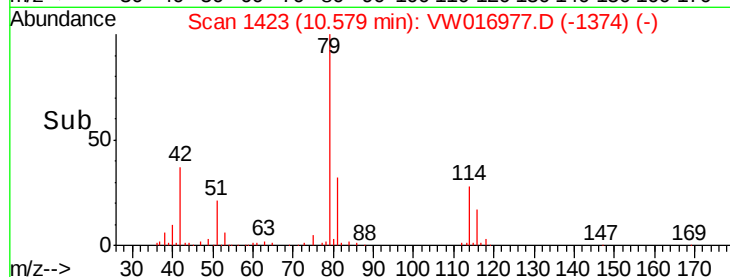
1000

500

0

Time-->

10.55 10.60 10.65



#47

Tetrachloroethene

Concen: 1.478 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016977.D

Acq: 23 Oct 2020 12:45

Tgt Ion: 164 Resp: 11463

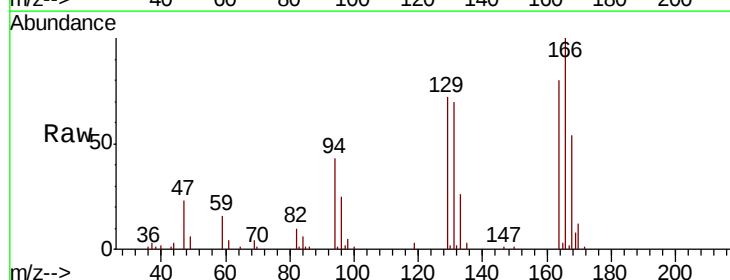
Ion Ratio Lower Upper

164 100

129 89.3 64.0 119.0

131 87.1 61.7 114.5

166 124.3 94.6 175.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

12000

10000

8000

6000

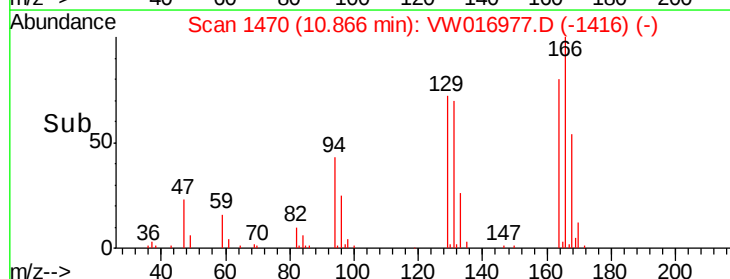
4000

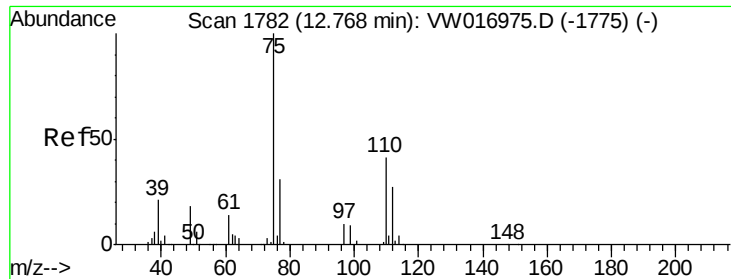
2000

0

Time-->

10.80 10.85 10.90





#59

1,2,3-Trichloropropane

Concen: 6.445 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016977.D

Acq: 23 Oct 2020 12:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 26944

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

