

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016542.D
 Acq On : 11 Sep 2020 11:54
 Operator : SY/VA
 Sample : L3950-15
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	589572	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	484053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196073	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127613	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
7) Chloroethane-d5	2.90	69	124472	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.64%
10) 1,1-Dichloroethene-d2	4.03	63	180530	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.09	46	58520	26.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.40%
24) Chloroform-d	7.66	84	291612	21.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	8.31	65	147401	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.08%
29) Benzene-d6	8.28	84	525050	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.28	67	155435	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.00%
37) Toluene-d8	10.33	98	466769	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.84%
38) trans-1,3-Dichloropropene-	10.58	79	67743	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	10.93	63	48254	32.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112492	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	137876	20.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.40%

Target Compounds

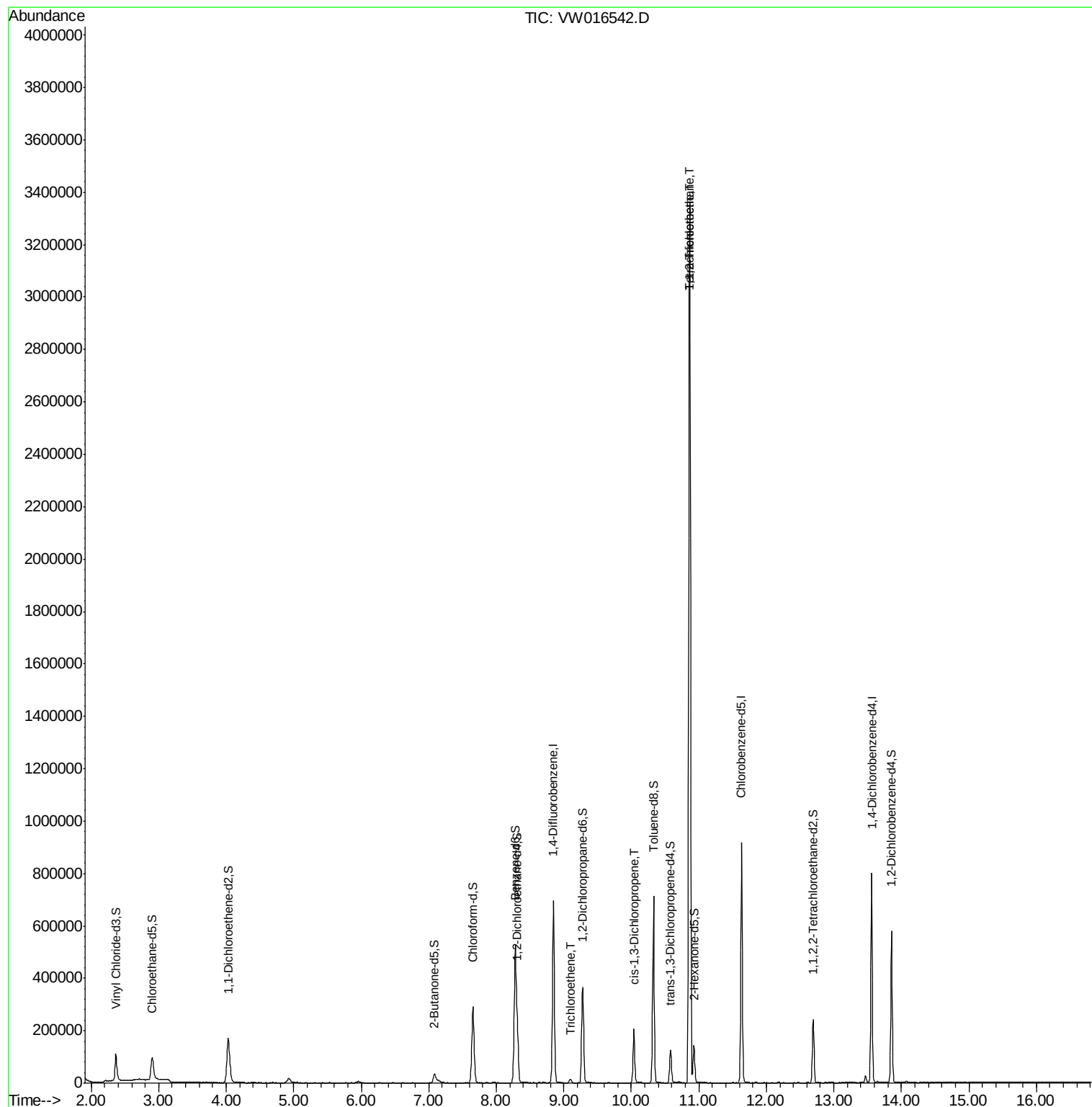
					Ovalue
35) Trichloroethene	9.09	95	3908	0.533 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5870	0.529 ug/L #	64
46) 1,1,2-Trichloroethane	10.87	97	7466	1.440 ug/L #	17
47) Tetrachloroethene	10.87	164	697391	118.609 ug/L	88

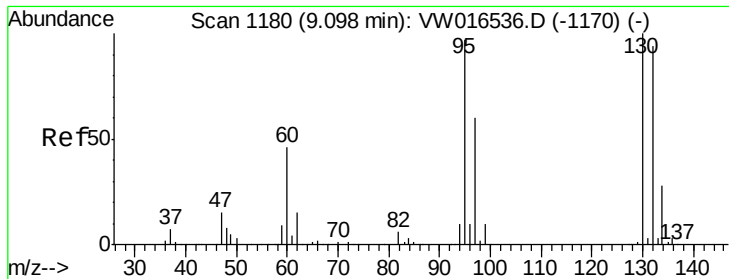
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 0.533 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016542.D

Acq: 11 Sep 2020 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 3908

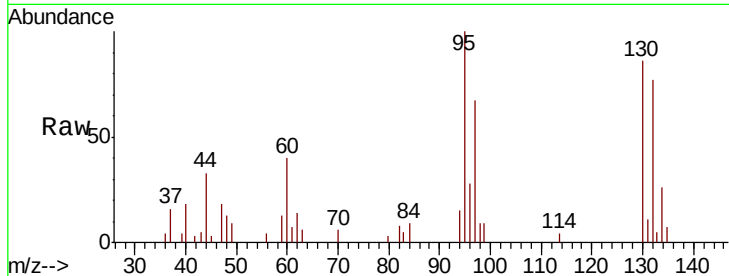
Ion Ratio Lower Upper

95 100

97 70.3 44.9 83.5

132 94.7 69.2 128.4

130 102.7 72.0 133.6

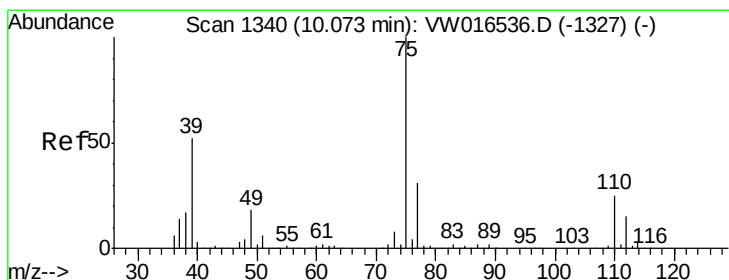
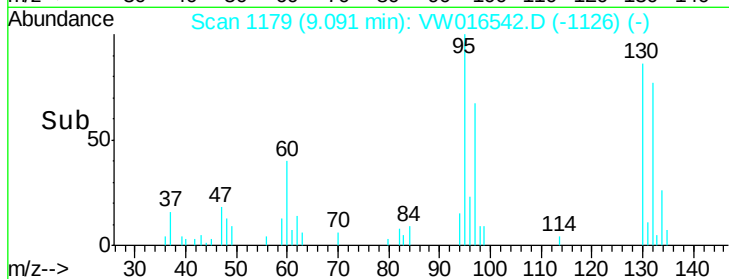
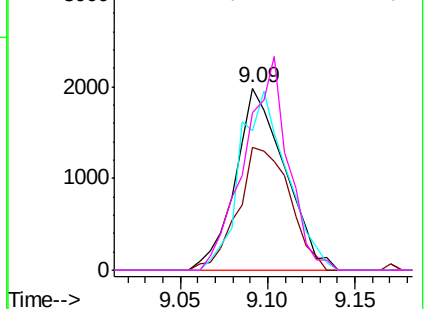


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016542.D

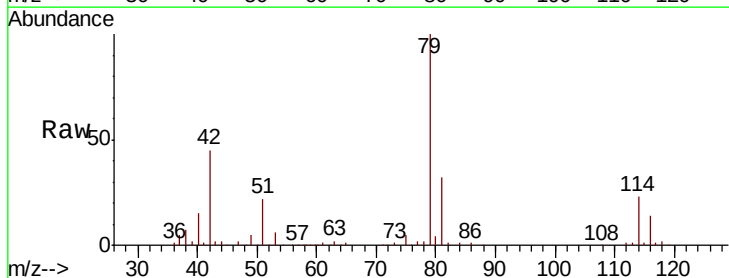
Acq: 11 Sep 2020 11:54

Tgt Ion: 75 Resp: 5870

Ion Ratio Lower Upper

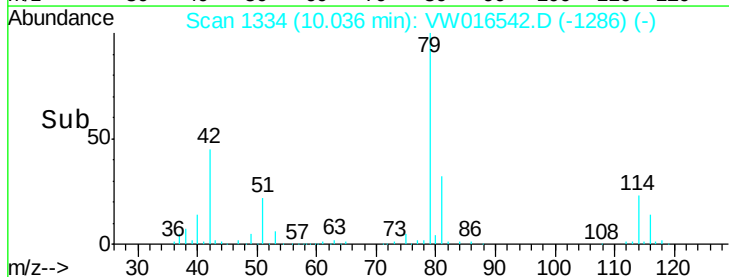
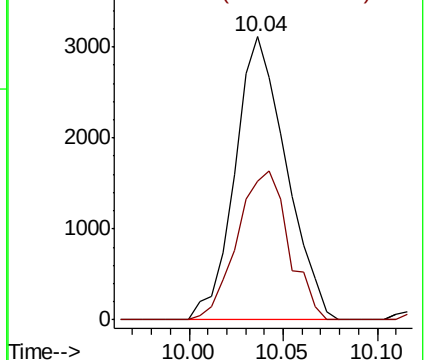
75 100

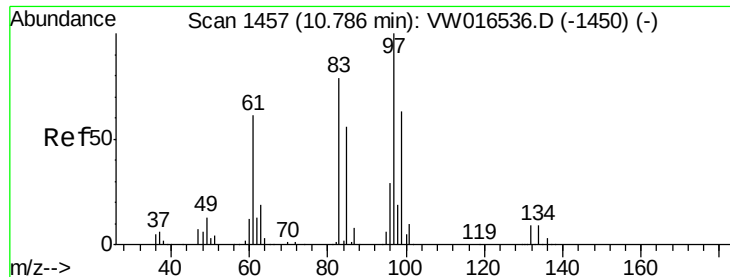
77 49.1 20.9 38.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



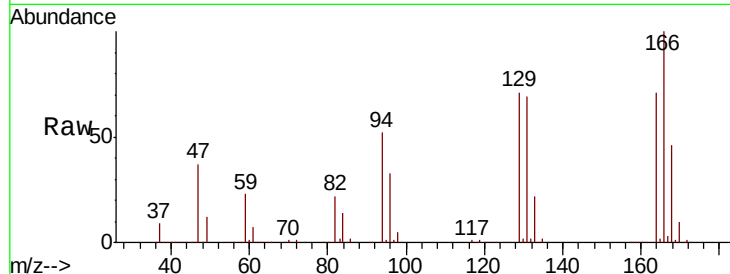


#46
 1,1,2-Trichloroethane
 Concen: 1.440 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: VW016542.D
 Acq: 11 Sep 2020 11:54

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 7466

Ion	Ratio	Lower	Upper
97	100		
83	209.9	59.7	110.9#
85	33.6	37.6	69.8#
99	17.6	42.3	78.5#



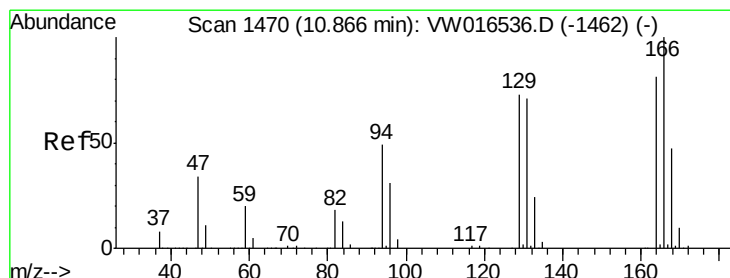
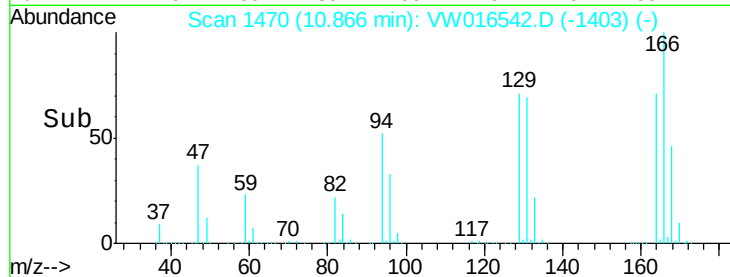
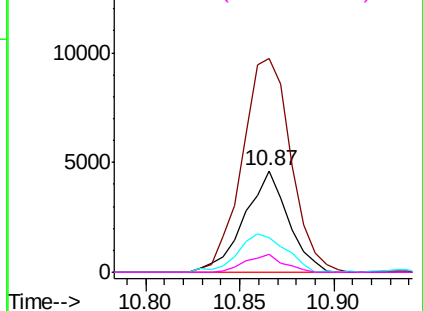
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 118.609 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016542.D
 Acq: 11 Sep 2020 11:54

Tgt Ion: 164 Resp: 697391

Ion	Ratio	Lower	Upper
164	100		
129	100.5	65.7	121.9
131	97.5	61.1	113.5
166	140.6	85.0	157.8

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

