

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014166.D
 Acq On : 27 Nov 2019 18:23
 Operator : SY/VA
 Sample : K6064-01
 Misc : 6.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 07:23:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325268	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162954	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83627	15.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.72%
7) Chloroethane-d5	2.89	69	82995	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
10) 1,1-Dichloroethene-d2	4.01	63	146709	13.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.60%
20) 2-Butanone-d5	7.07	46	59735	38.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.08%
24) Chloroform-d	7.65	84	239718	23.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	8.31	65	117736	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.12%
29) Benzene-d6	8.27	84	477905	20.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.84%
33) 1,2-Dichloropropane-d6	9.27	67	148479	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.84%
37) Toluene-d8	10.32	98	435504	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.60%
38) trans-1,3-Dichloropropene-	10.57	79	52749	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	46360	36.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106482	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	149408	22.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.28%

Target Compounds

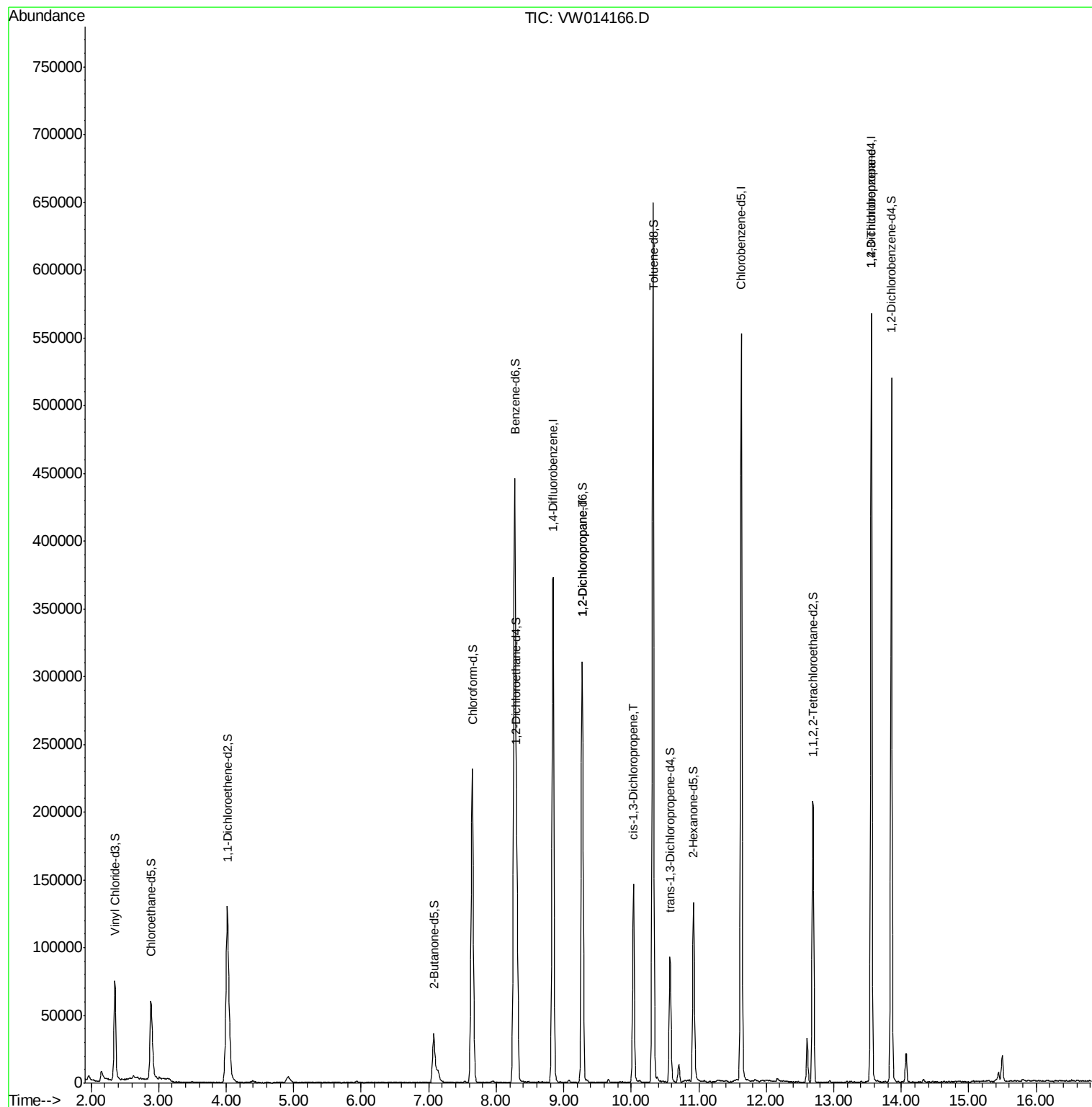
					Ovalue
40) 1,2-Dichloropropane	9.27	63	15805	2.752 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	3351	0.370 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	16919	4.566 ug/L	96

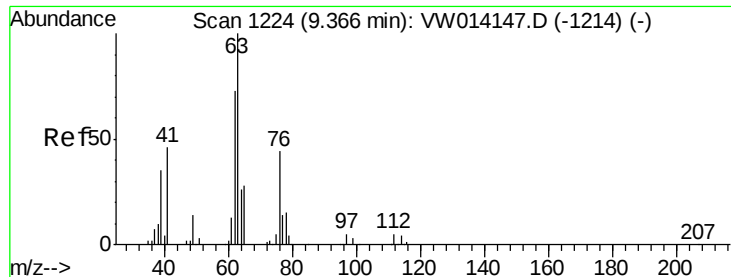
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 2.752 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW014166.D

Acq: 27 Nov 2019 18:23

Instrument :

MSVOA_W

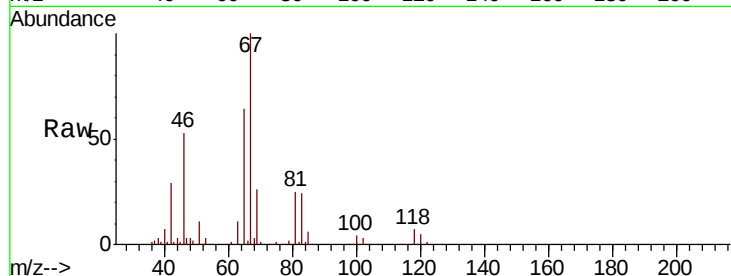
ClientSampled :

Tot Ion: 63 Resp: 15805

Ion Ratio Lower Upper

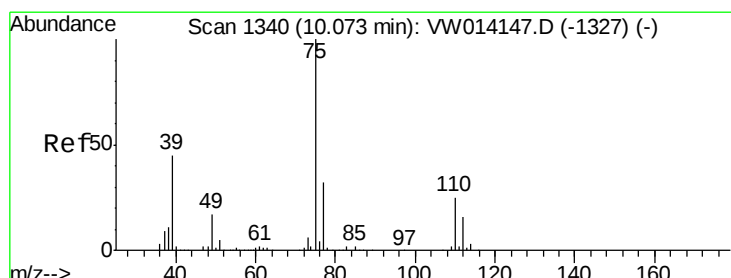
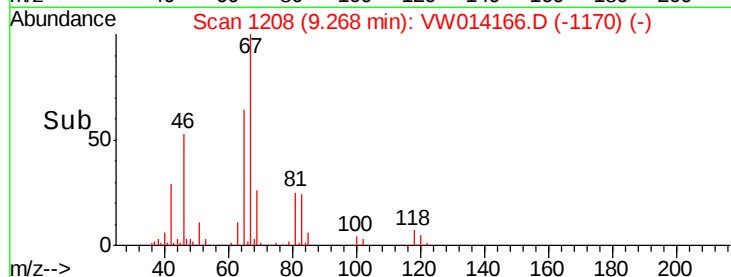
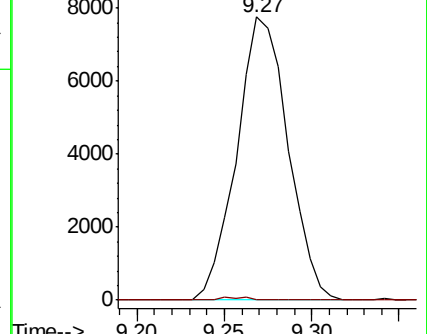
63 100

112 0.5 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.370 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014166.D

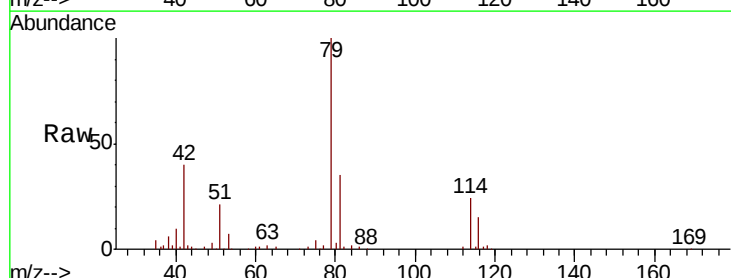
Acq: 27 Nov 2019 18:23

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

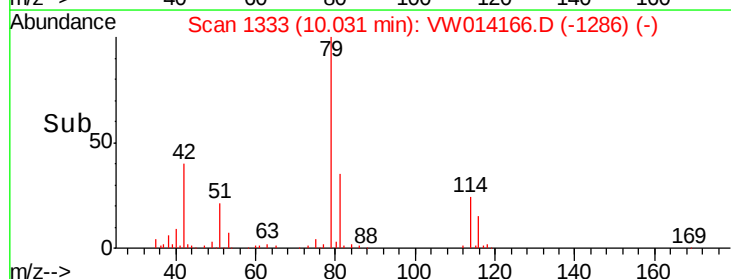
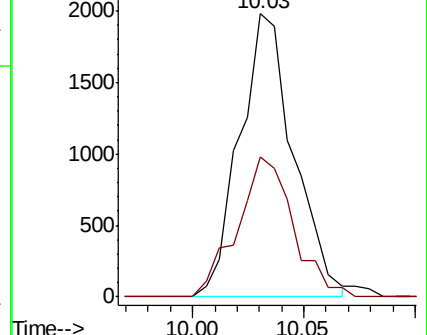
75 100

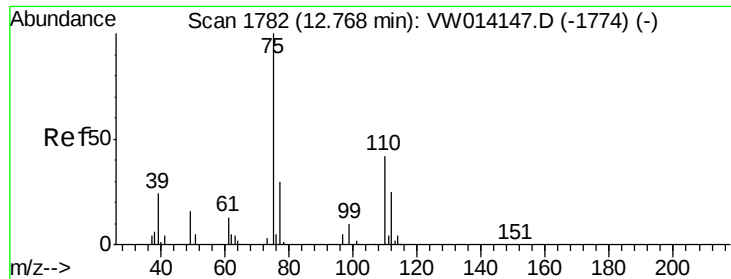
77 49.4 22.1 41.1#



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: 4.566 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014166.D

Acq: 27 Nov 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16919

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9

