

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014152.D
 Acq On : 27 Nov 2019 12:12
 Operator : SY/VA
 Sample : K6063-11
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:26:27 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	290006	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	207012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	48637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75343	16.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.12%
7) Chloroethane-d5	2.89	69	75229	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.01	63	123939	13.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.20%
20) 2-Butanone-d5	7.07	46	69609	51.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.56%
24) Chloroform-d	7.65	84	219044	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	112857	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	8.27	84	432335	29.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.72%
33) 1,2-Dichloropropane-d6	9.27	67	138772	32.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.00%#
37) Toluene-d8	10.32	98	343805	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.72%
38) trans-1,3-Dichloropropene-	10.57	79	34993	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	10.92	63	48708	59.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98439	30.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	52329	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

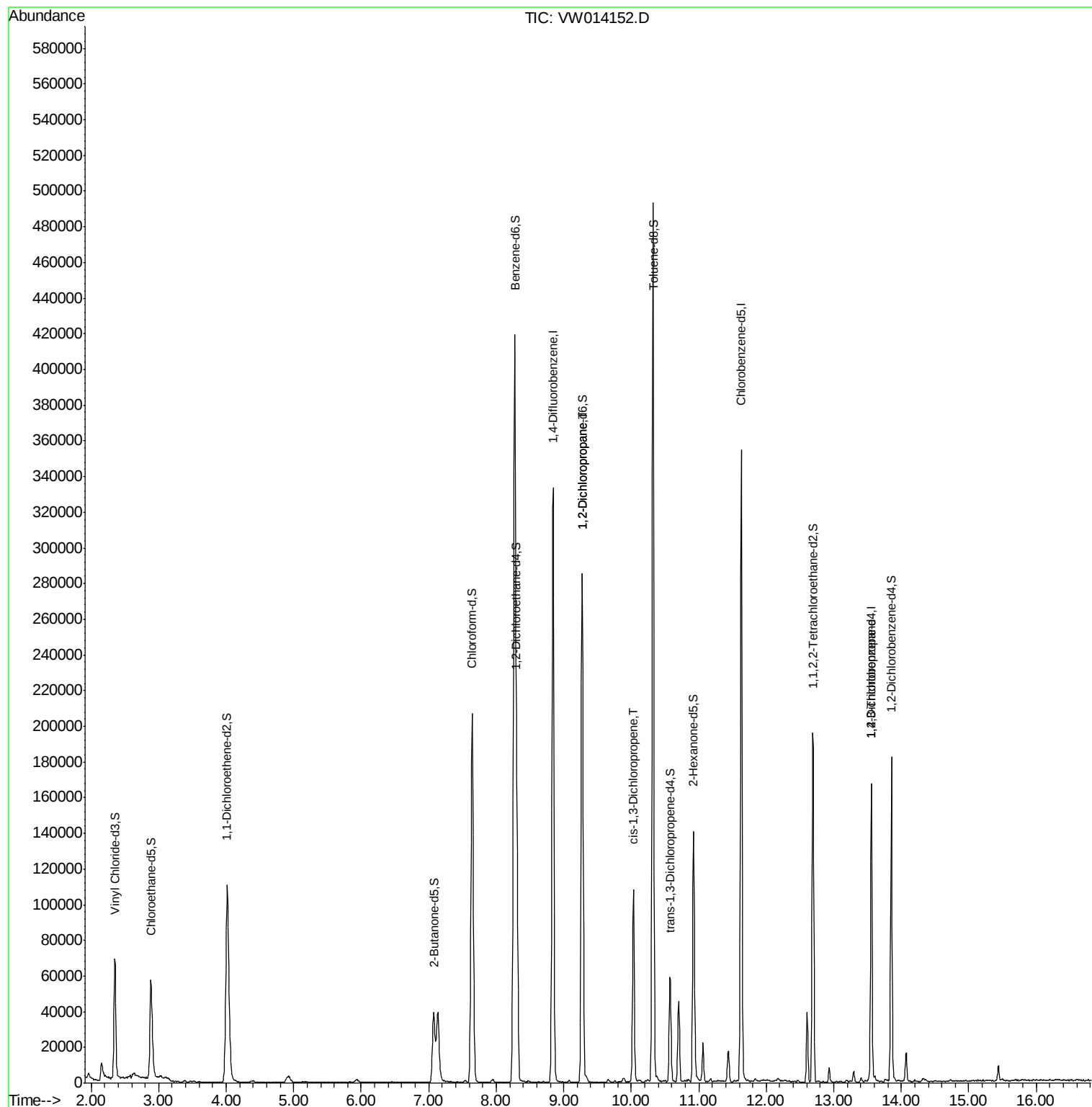
Target Compounds					Ovalue
40) 1,2-Dichloropropane	9.27	63	14926	4.083 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2588	0.449 ug/L #	69
59) 1,2,3-Trichloropropane	13.55	75	5545	2.351 ug/L	98

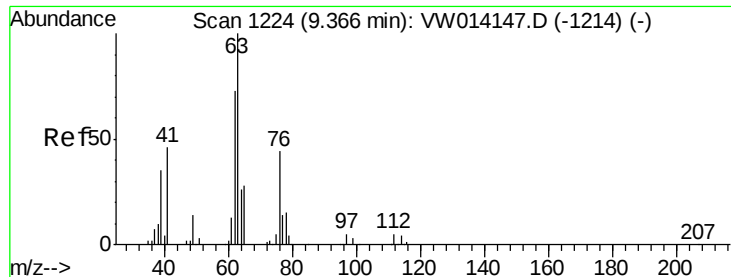
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 4.083 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW014152.D

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Instrument :

MSVOA_W

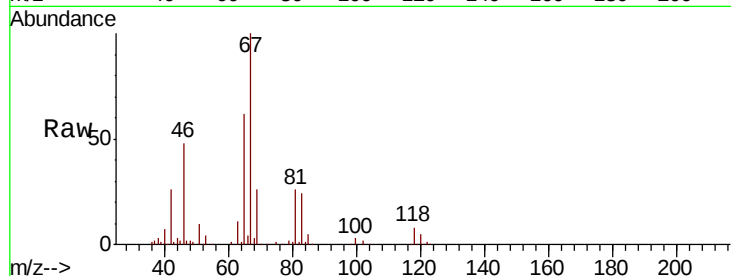
ClientSampleId :

Tot Ion: 63 Resp: 14926

Ion Ratio Lower Upper

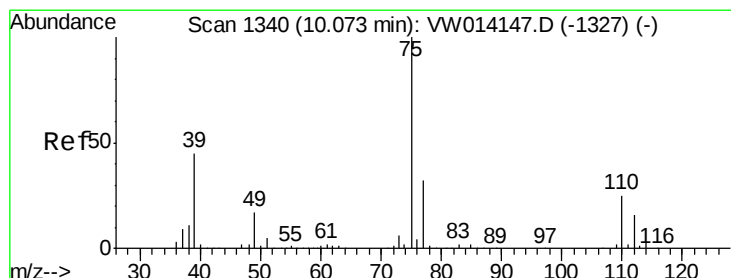
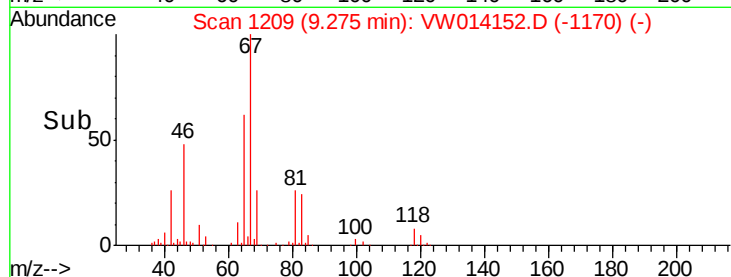
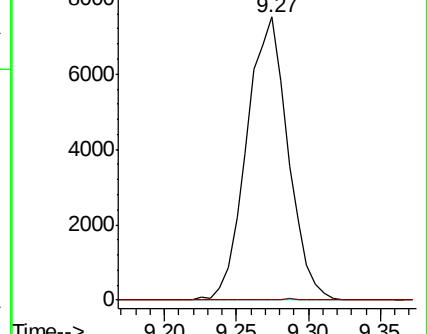
63 100

112 0.0 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: 0.449 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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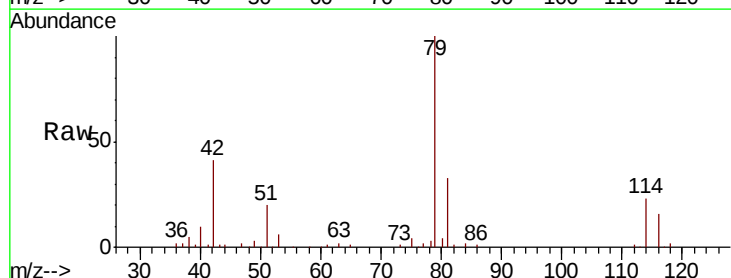
Acq: 27 Nov 2019 12:12

Tgt Ion: 75 Resp: 2588

Ion Ratio Lower Upper

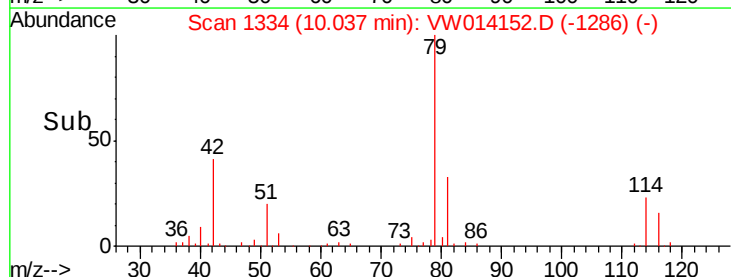
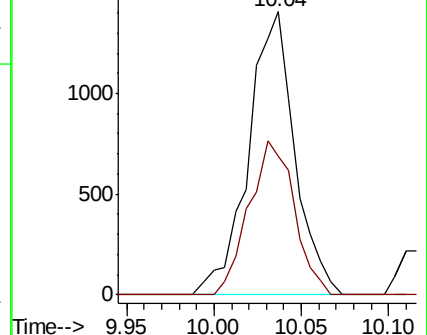
75 100

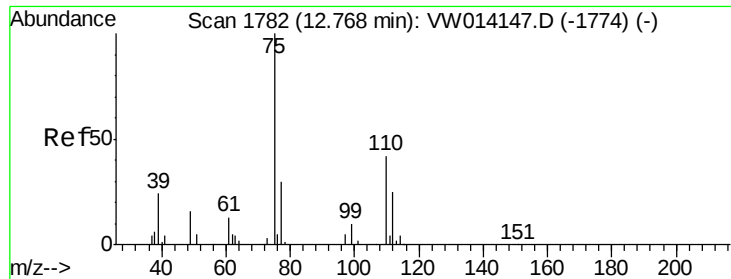
77 48.9 22.1 41.1#



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: 2.351 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014152.D

Acq: 27 Nov 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 5545

Ion Ratio Lower Upper

75 100

77 33.6 25.9 38.9

