

Data File : VW014069.D
Acq On : 18 Nov 2019 18:25
Operator : SY/VA
Sample : K5845-03
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX3

Quant Time: Nov 19 07:26:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334837	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102027	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.89	69	92829	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
10) 1,1-Dichloroethene-d2	4.01	63	169774	15.48	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.07	46	79011	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
24) Chloroform-d	7.65	84	262108	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.30	65	144057	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	543066	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	170307	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.20%
37) Toluene-d8	10.32	98	505567	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.58	79	69156	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.04%
39) 2-Hexanone-d5	10.92	63	62866	48.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133720	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	180754	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

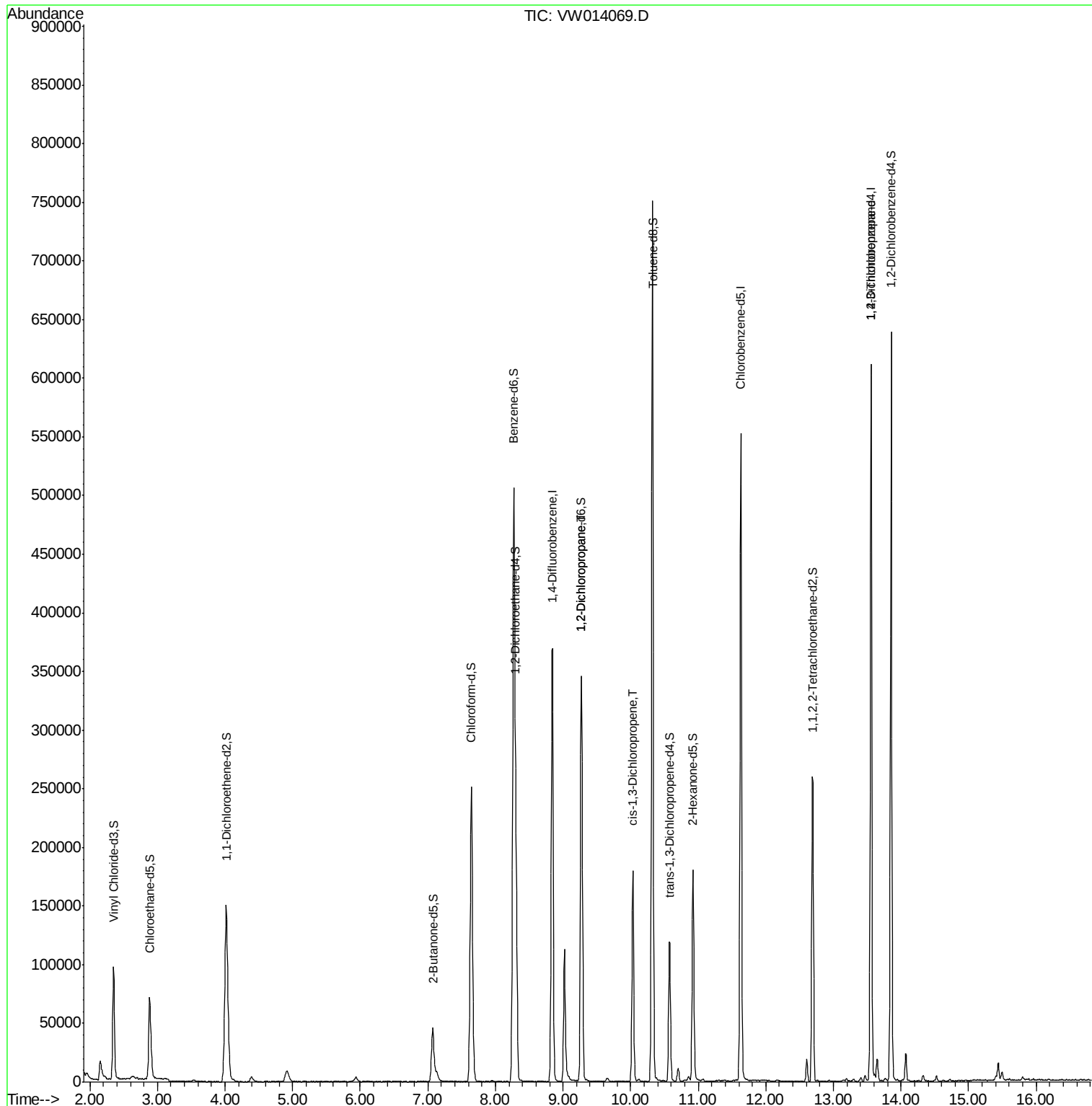
Target Compounds					Qvalue
40) 1,2-Dichloropropane	9.27	63	18007	3.087 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3951	0.429 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	18071	4.801 ug/L	93

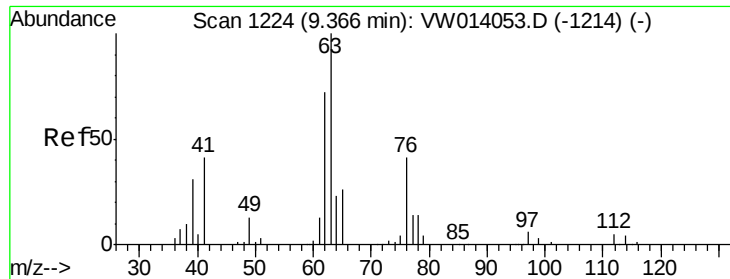
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 3.087 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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ClientSampleId :

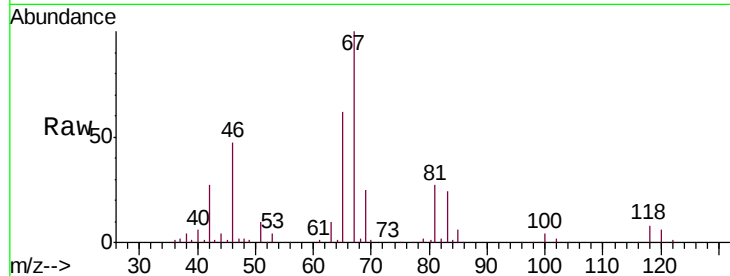
BFLX3

Tgt Ion: 63 Resp: 18007

Ion Ratio Lower Upper

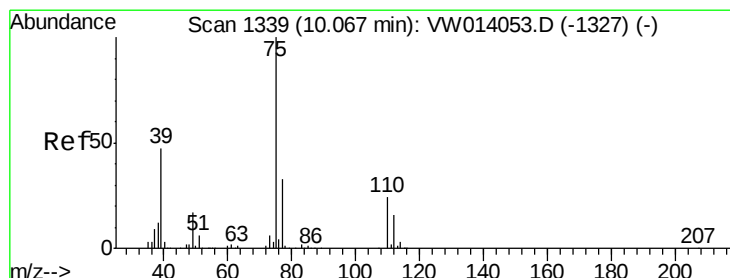
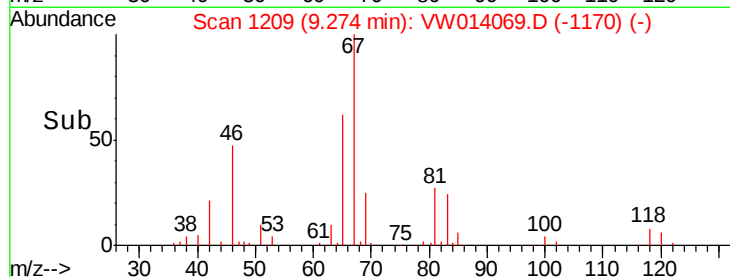
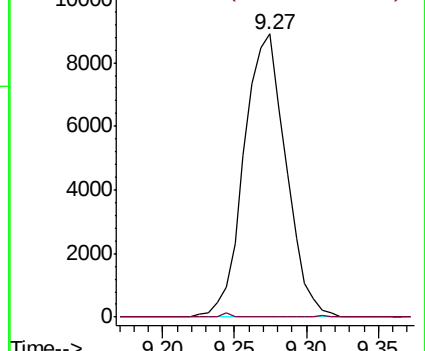
63 100

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: 0.429 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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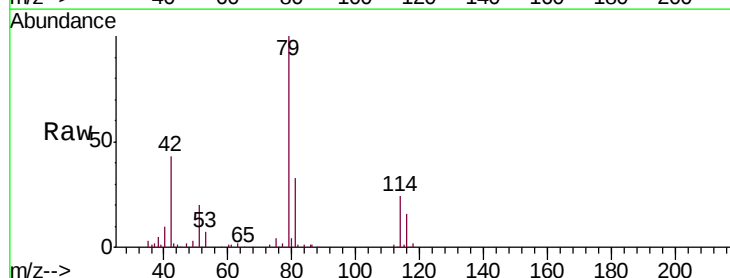
Acq: 18 Nov 2019 18:25

Tgt Ion: 75 Resp: 3951

Ion Ratio Lower Upper

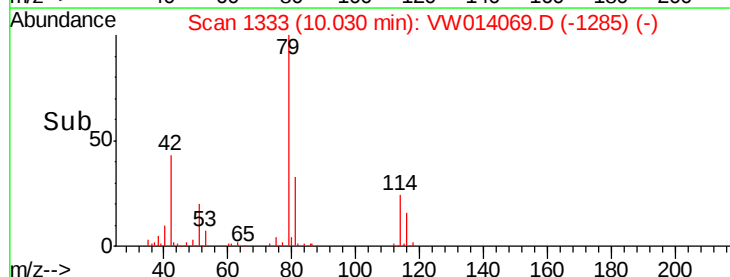
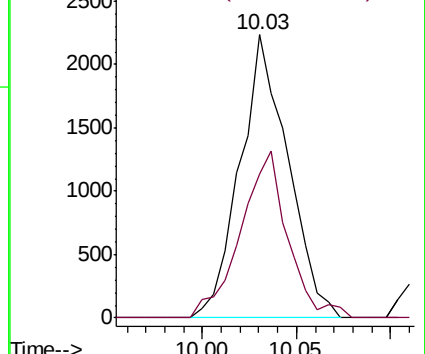
75 100

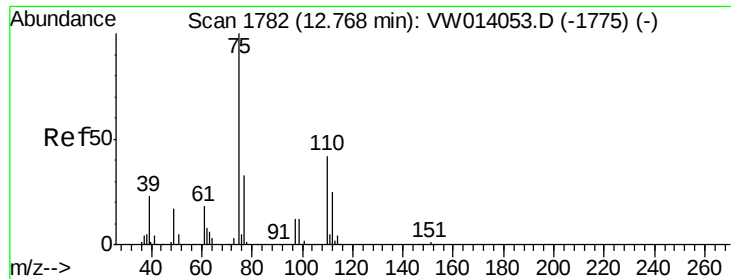
77 50.6 22.1 41.1#



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: 4.801 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 18071

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

