

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009848.D
 Acq On : 09 Apr 2019 20:28
 Operator : SY/VA
 Sample : K2340-01
 Misc : 6.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N4

Quant Time: Apr 10 04:46:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	456073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441757	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133166	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
7) Chloroethane-d5	2.89	69	123299	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	4.01	63	245235	19.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.44%
20) 2-Butanone-d5	7.07	46	116903	60.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.66%
24) Chloroform-d	7.65	84	343899	27.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.52%
26) 1,2-Dichloroethane-d4	8.30	65	218582	28.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.44%
29) Benzene-d6	8.27	84	618377	26.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.68%
33) 1,2-Dichloropropane-d6	9.27	67	197058	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
37) Toluene-d8	10.32	98	551567	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	10.58	79	83471	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.72%
39) 2-Hexanone-d5	10.93	63	77717	57.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	189555	28.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	200603	29.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.28%

Target Compounds

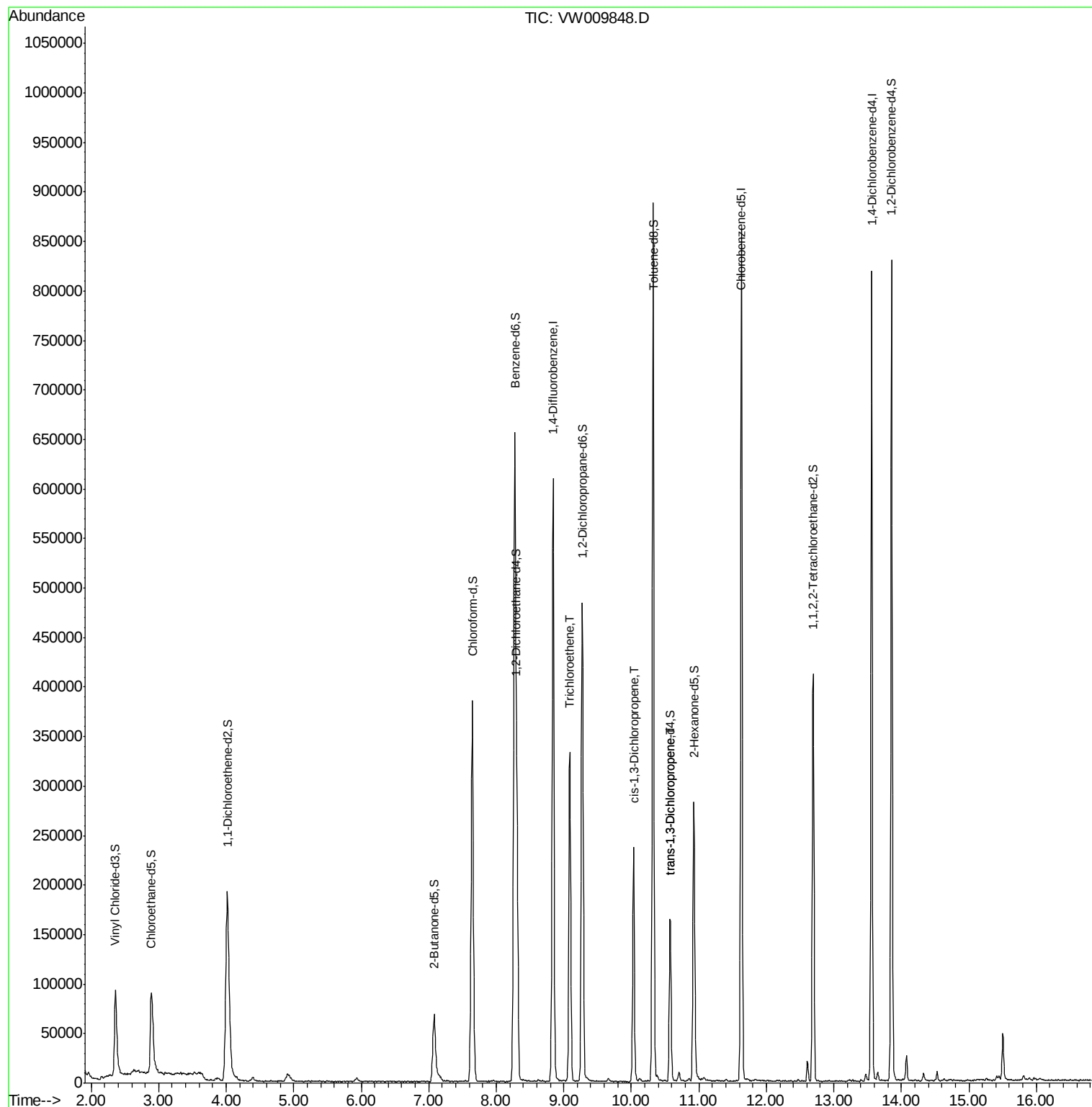
					Qvalue
35) Trichloroethene	9.09	95	106711	15.342 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	6682	0.634 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	4657	0.512 ug/L	94

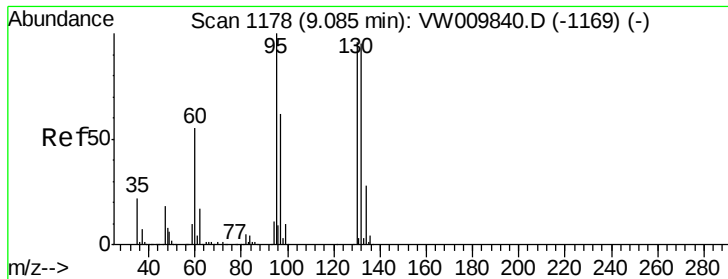
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 15.342 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009848.D

Acq: 09 Apr 2019 20:28

Instrument :

MSVOA_W

ClientSampleId :

BF2N4

Tgt Ion: 95 Resp: 106711

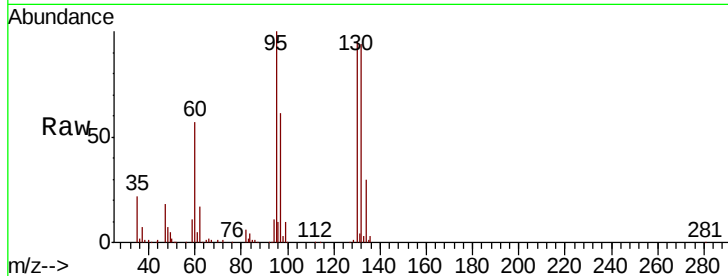
Ion Ratio Lower Upper

95 100

97 64.8 44.9 83.5

132 92.7 67.1 124.7

130 96.0 69.2 128.6



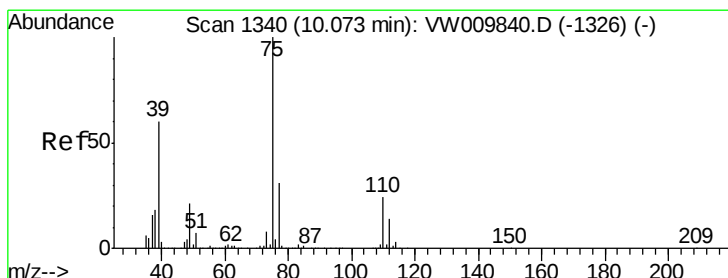
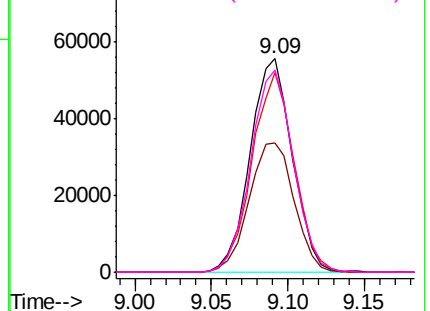
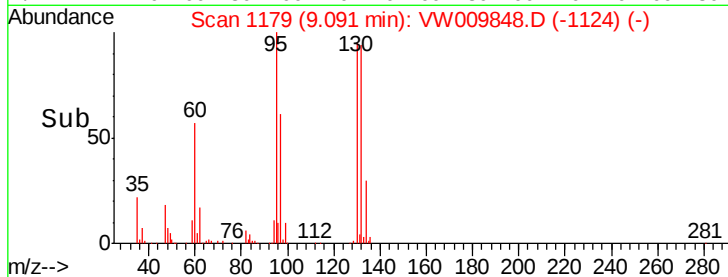
Abundance

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: 0.634 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009848.D

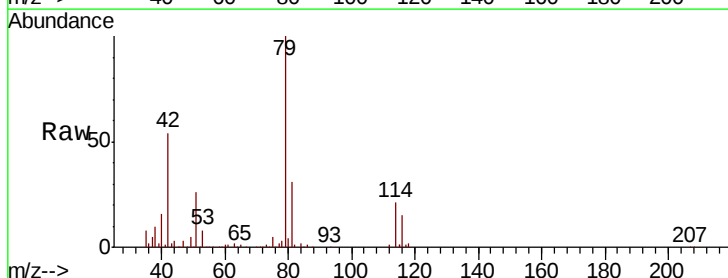
Acq: 09 Apr 2019 20:28

Tgt Ion: 75 Resp: 6682

Ion Ratio Lower Upper

75 100

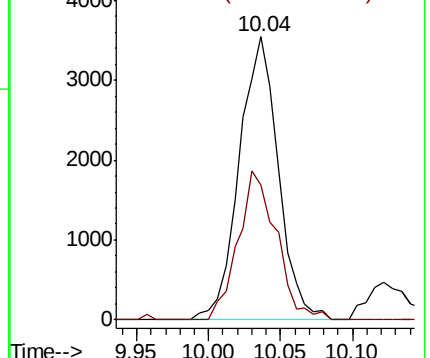
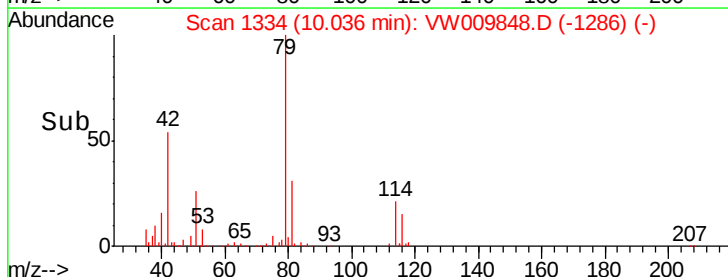
77 47.8 21.0 39.0#

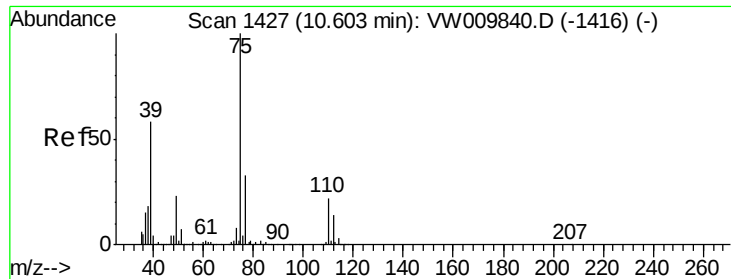


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Tgt Ion: 75 Resp: 4657

Ion Ratio Lower Upper

75 100

77 33.4 21.1 39.3

