

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015938.D
 Acq On : 24 Jul 2020 10:06
 Operator : SY/VA
 Sample : VW0724SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	433002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171265	25.00	ug/L	0.00

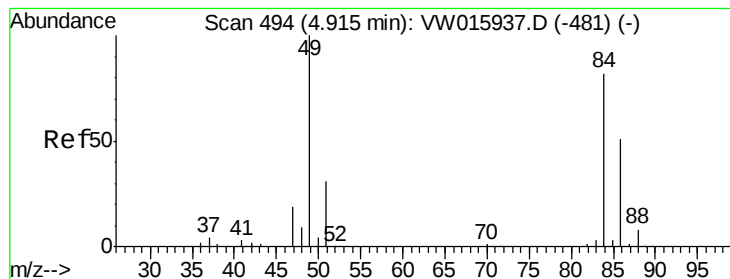
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118973	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
7) Chloroethane-d5	2.90	69	106239	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	4.01	63	200048	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.09	46	67918	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
24) Chloroform-d	7.65	84	260725	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.31	65	138083	20.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.72%
29) Benzene-d6	8.28	84	546742	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	161755	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.33	98	478840	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	10.58	79	60122	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	10.93	63	51568	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117315	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	155044	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	14614	2.060 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	3903	0.437 ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	21376	5.766 ug/L	94

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



#16

Methylene chloride

Concen: 2.060 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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MSVOA_W
ClientSampled :

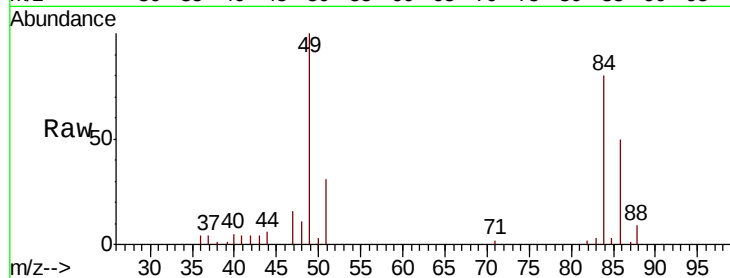
Tot Ion: 84 Resp: 14614

Ion Ratio Lower Upper

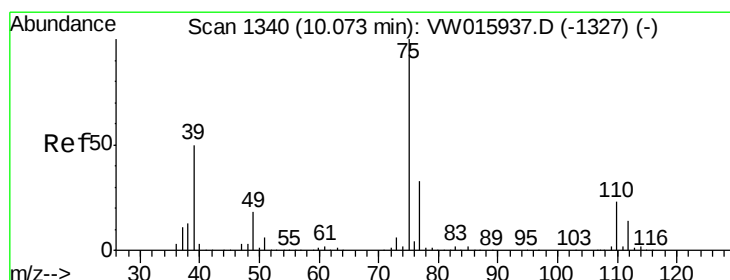
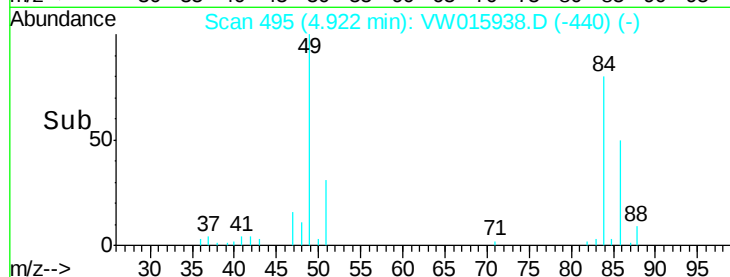
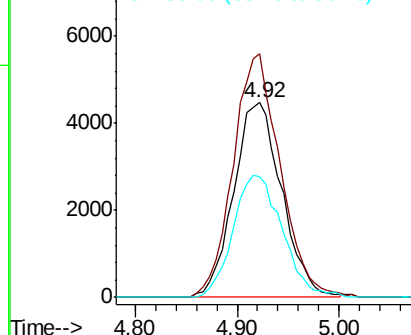
84 100

49 124.9 91.1 169.1

86 62.0 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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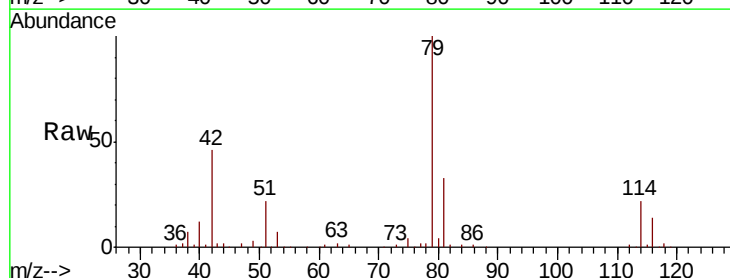
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Tgt Ion: 75 Resp: 3903

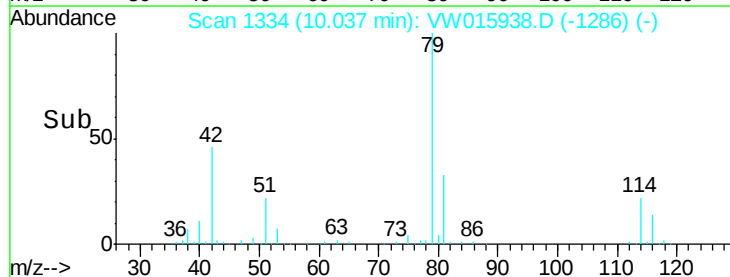
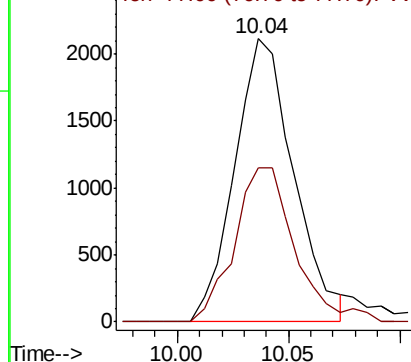
Ion Ratio Lower Upper

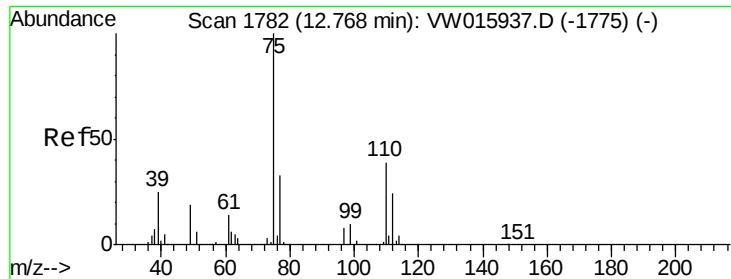
75 100

77 54.6 22.2 41.2#



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: 5.766 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015938.D

Acq: 24 Jul 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21376

Ion Ratio Lower Upper

75 100

77 35.8 26.0 39.0

