

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031220\
 Data File : VW015118.D
 Acq On : 12 Mar 2020 13:47
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Mar 13 02:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 02:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	575126	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	532272	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	234140	16.27	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.08%
7) Chloroethane-d5	2.89	69	198912	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
10) 1,1-Dichloroethene-d2	4.01	63	364327	16.27	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	141345	58.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.56%
24) Chloroform-d	7.65	84	444715	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.30	65	272093	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.96%
29) Benzene-d6	8.27	84	867581	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	9.27	67	298395	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	730275	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.76%
38) trans-1,3-Dichloropropene-	10.57	79	104293	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.16%
39) 2-Hexanone-d5	10.92	63	92278	56.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209616	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	187767	26.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.24%

Target Compounds

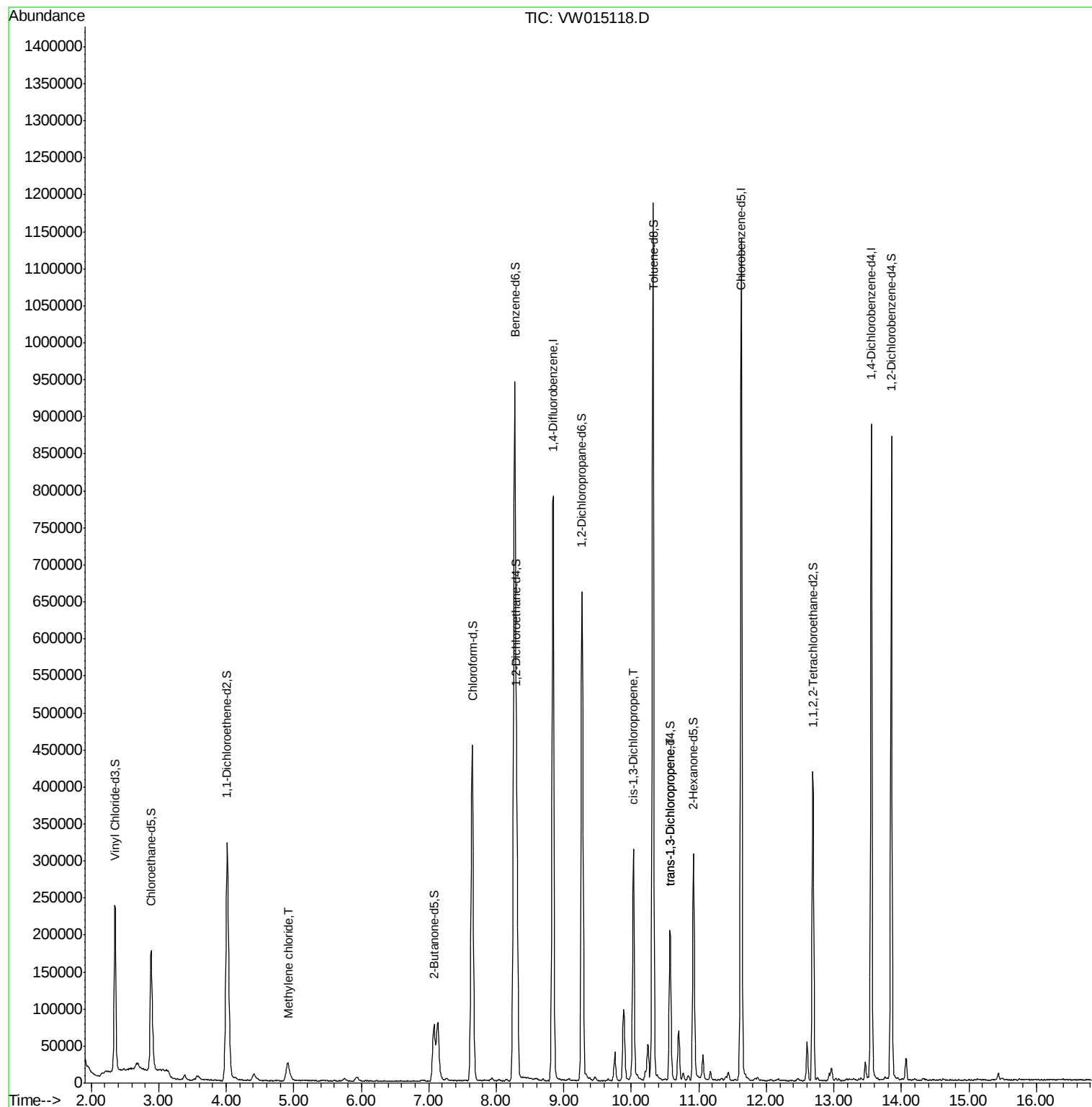
					Ovalue
16) Methylene chloride	4.91	84	16773	1.576 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	8005	0.559 ug/L	89
45) trans-1,3-Dichloropropene	10.57	75	5814	0.502 ug/L	89

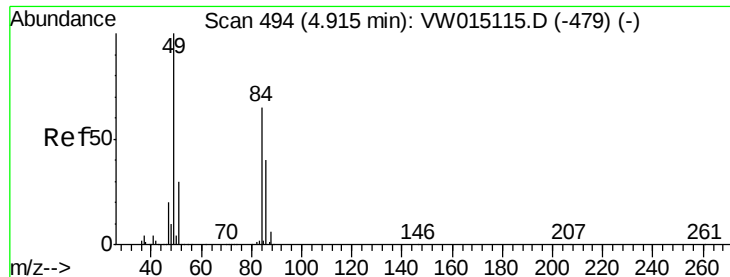
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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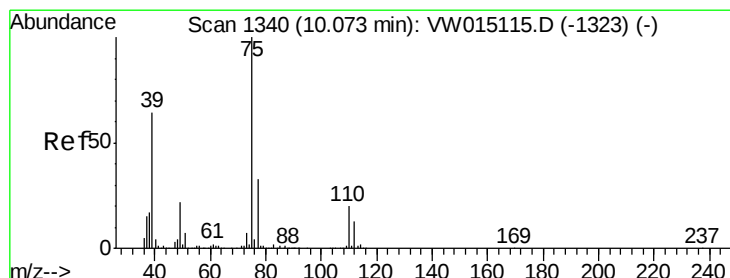
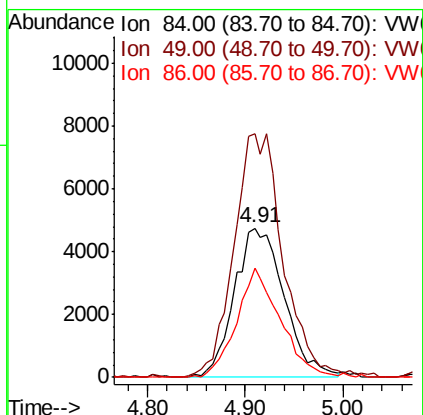
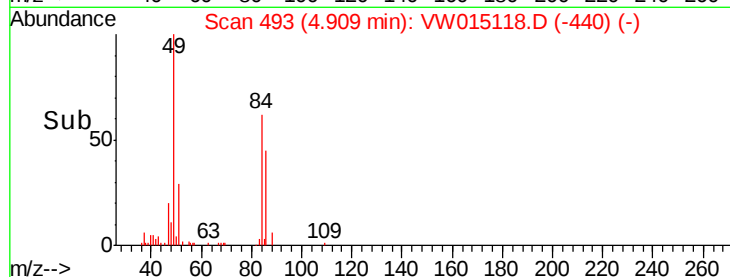
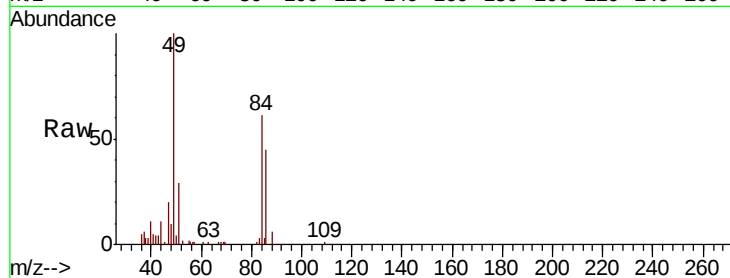




#16
Methvlene chloride
Concen: 1.576 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015118.D
Acq: 12 Mar 2020 13:47

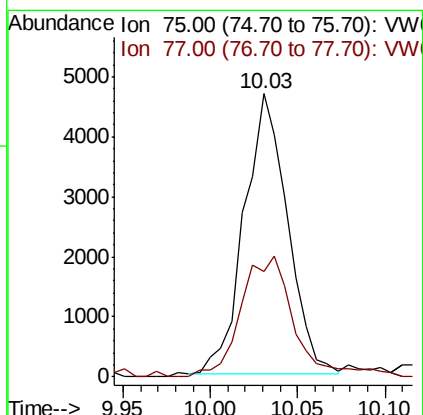
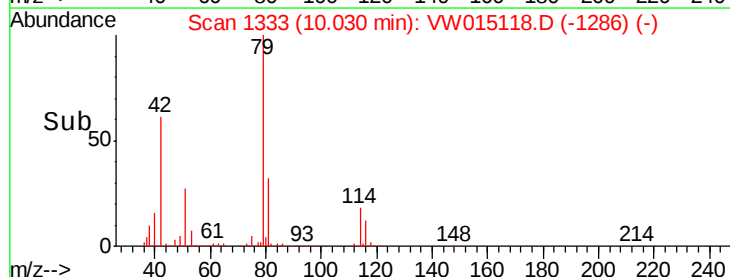
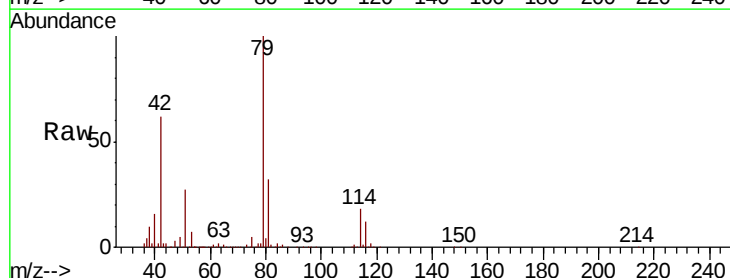
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MSVOA_W
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VIBLK

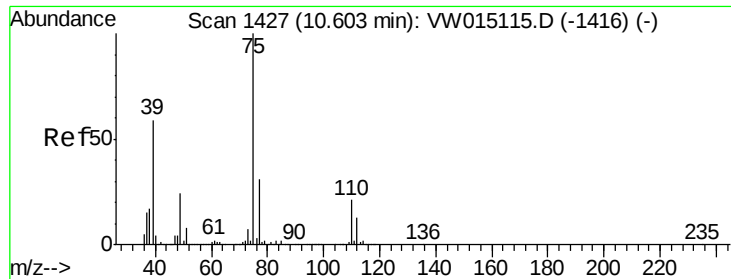
Tot Ion: 84 Resp: 16773
Ion Ratio Lower Upper
84 100
49 163.5 115.6 214.8
86 73.2 45.9 85.3



#42
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW015118.D
Acq: 12 Mar 2020 13:47

Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
77 37.3 21.9 40.7





#45

trans-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW015118.D

Acq: 12 Mar 2020 13:47

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 5814

Ion Ratio Lower Upper

75 100

77 36.7 21.6 40.2

