

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016389.D
 Acq On : 27 Aug 2020 14:28
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK10

Quant Time: Aug 28 08:11:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	261456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50675	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	40844	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
10) 1,1-Dichloroethene-d2	4.01	63	99032	14.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.72%
20) 2-Butanone-d5	7.08	46	32821	41.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.68%
24) Chloroform-d	7.65	84	153507	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	8.31	65	83887	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	8.27	84	297134	21.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.68%
33) 1,2-Dichloropropane-d6	9.27	67	84443	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.00%
37) Toluene-d8	10.32	98	282181	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	39622	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	24143	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71429	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	99775	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

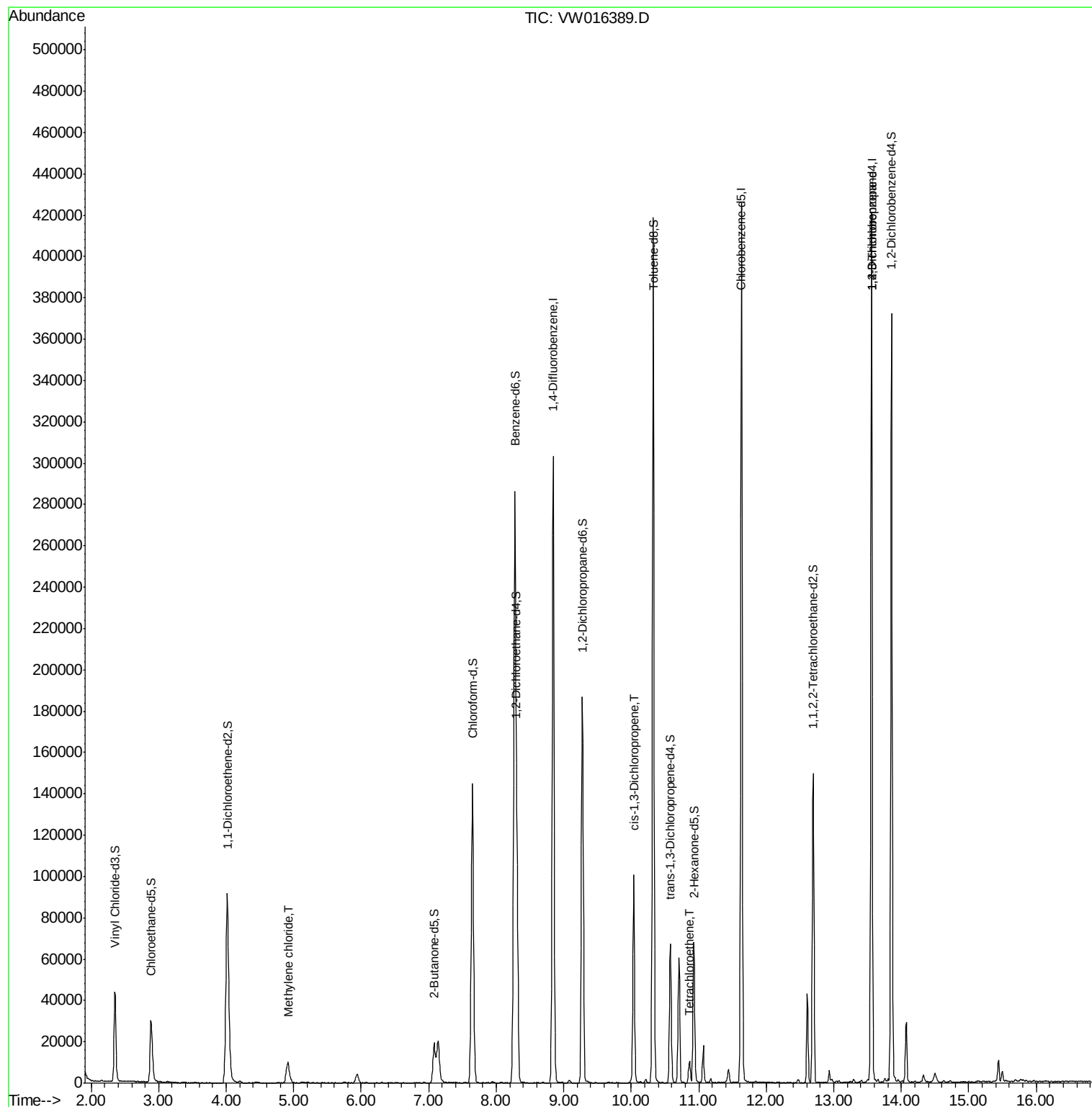
					Ovalue
16) Methylene chloride	4.92	84	8719	1.804 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	2653	0.489 ug/L #	82
47) Tetrachloroethene	10.87	164	2490	0.792 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	12359	5.229 ug/L	91

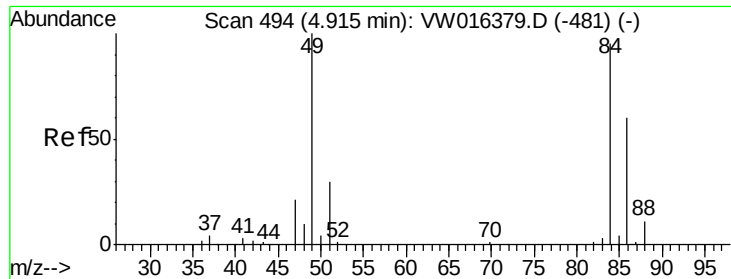
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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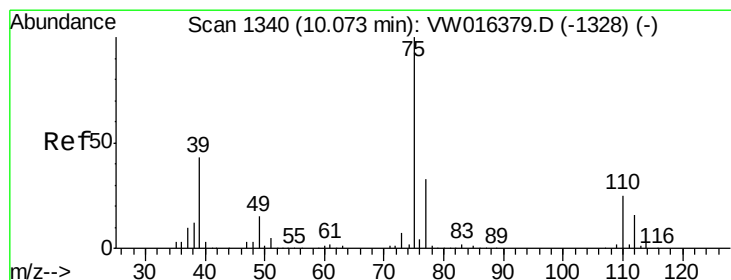
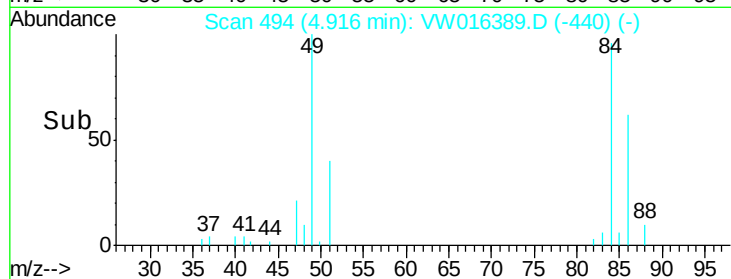
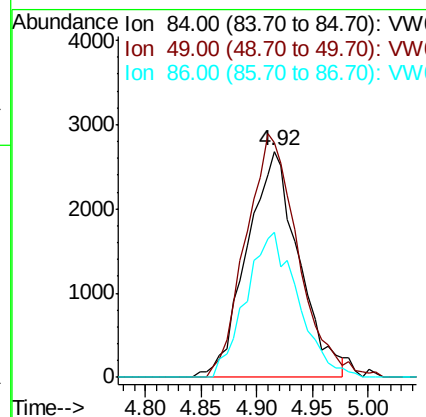
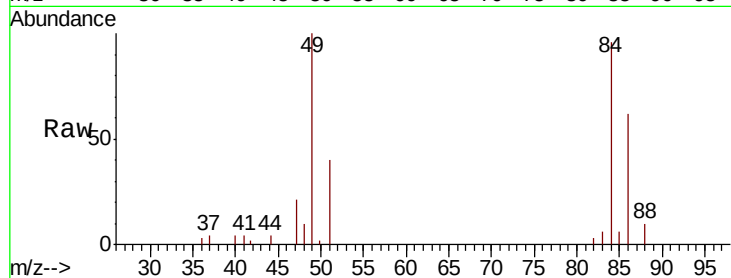




#16
Methylene chloride
Concen: 1.804 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016389.D
Acq: 27 Aug 2020 14:28

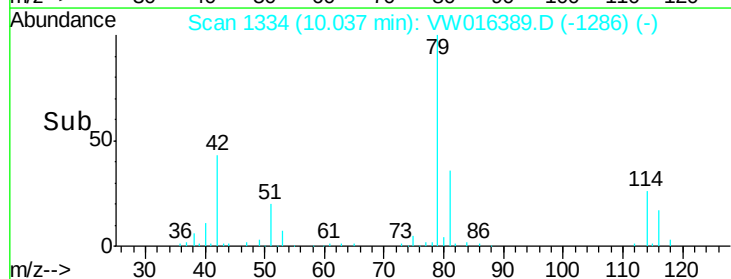
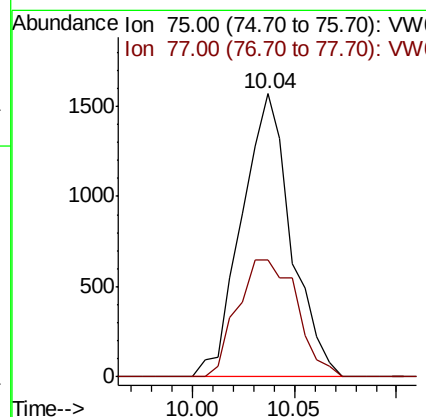
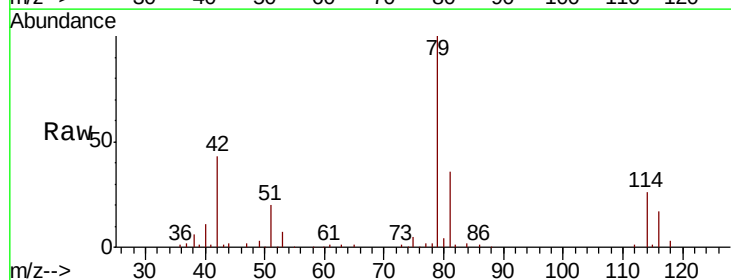
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MSVOA_W
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VIBLK10

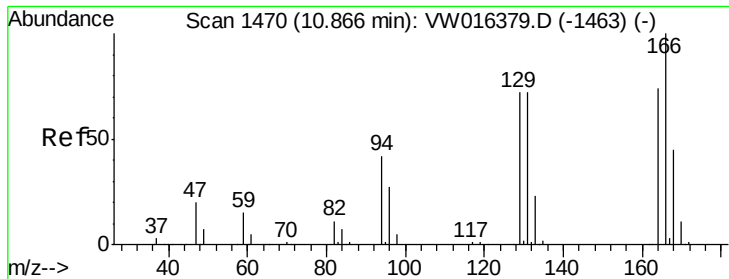
Tot Ion: 84 Resp: 8719
Ion Ratio Lower Upper
84 100
49 103.7 75.3 139.9
86 64.0 43.3 80.3



#42
cis-1,3-Dichloropropene
Concen: 0.489 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016389.D
Acq: 27 Aug 2020 14:28

Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
77 41.5 22.0 40.8#





#47

Tetrachloroethene

Concen: 0.792 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016389.D

Acq: 27 Aug 2020 14:28

Instrument :

MSVOA_W

ClientSampleId :

VIBLK10

Tot Ion:164 Resp: 2490

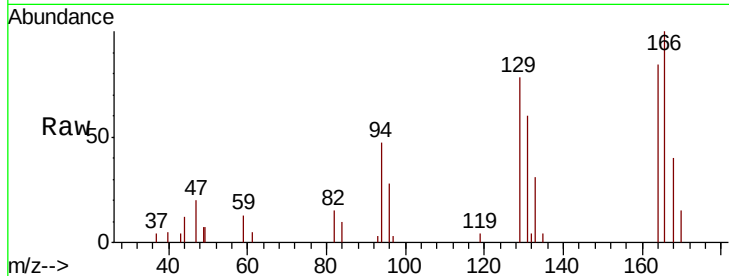
Ion Ratio Lower Upper

164 100

129 92.7 71.5 132.7

131 71.3 67.4 125.2

166 119.0 92.5 171.9

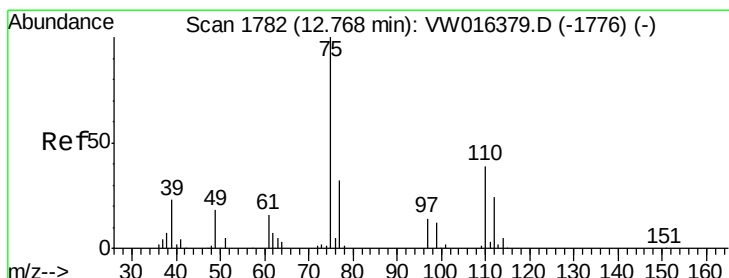
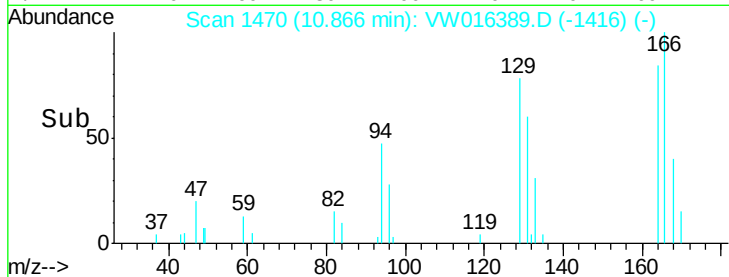
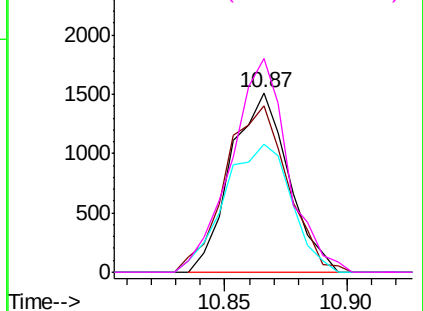


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.229 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016389.D

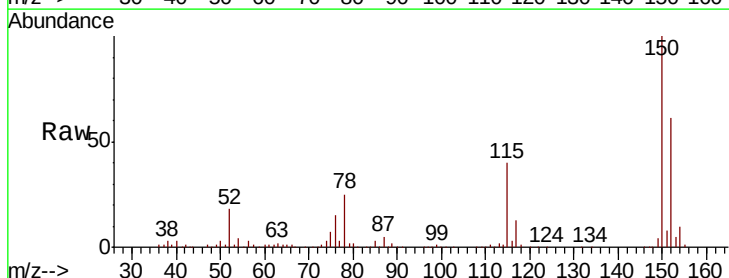
Acq: 27 Aug 2020 14:28

Tgt Ion: 75 Resp: 12359

Ion Ratio Lower Upper

75 100

77 39.3 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

