

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080320\
 Data File : VW016030.D
 Acq On : 03 Aug 2020 13:06
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 04 03:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 04 03:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	428441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194306	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85051	14.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.28%
7) Chloroethane-d5	2.90	69	85516	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.68%
10) 1,1-Dichloroethene-d2	4.01	63	157223	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.09	46	92437	58.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.42%
24) Chloroform-d	7.65	84	241250	20.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	8.31	65	133201	20.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.68%
29) Benzene-d6	8.28	84	482753	19.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.68%
33) 1,2-Dichloropropane-d6	9.28	67	155276	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.36%
37) Toluene-d8	10.33	98	426885	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.84%
38) trans-1,3-Dichloropropene-	10.58	79	60029	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.93	63	70761	57.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142792	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	161289	21.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.16%

Target Compounds

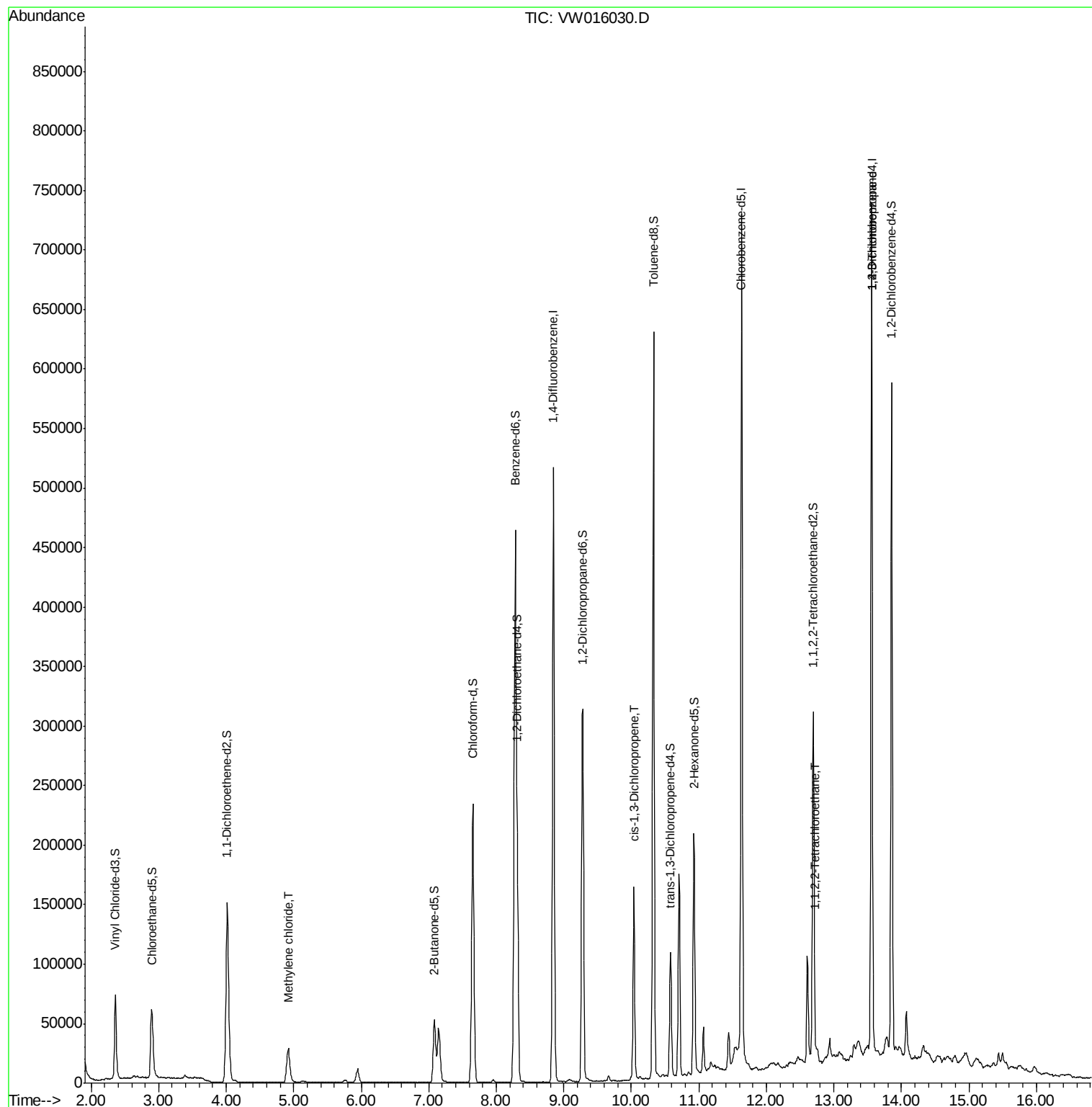
					Ovalue
16) Methylene chloride	4.92	84	23065	3.285 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	3766	0.403 ug/L #	64
58) 1,1,2,2-Tetrachloroethane	12.72	83	3493	0.673 ug/L #	23
59) 1,2,3-Trichloropropane	13.56	75	23548	6.059 ug/L	96

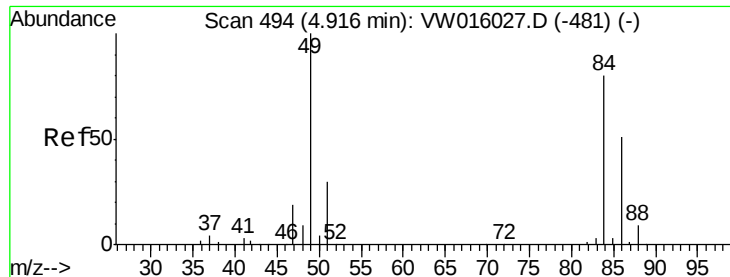
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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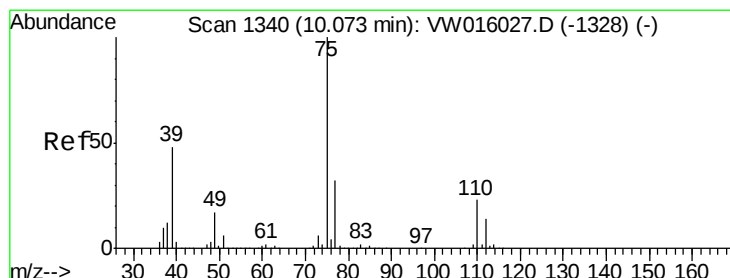
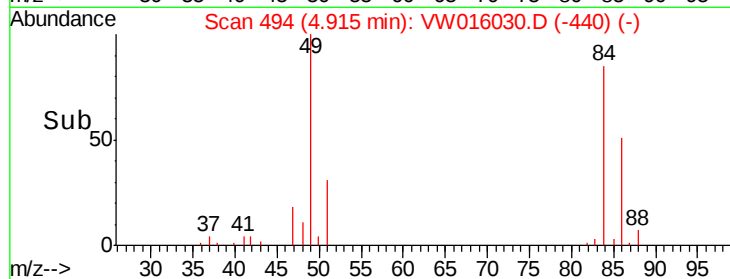
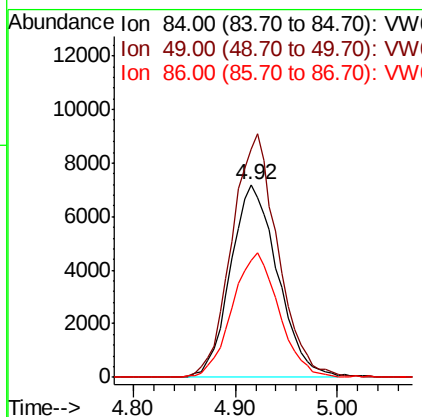
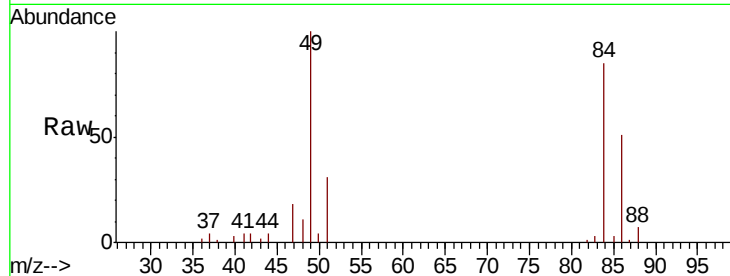




#16
Methylene chloride
Concen: 3.285 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016030.D
Acq: 03 Aug 2020 13:06

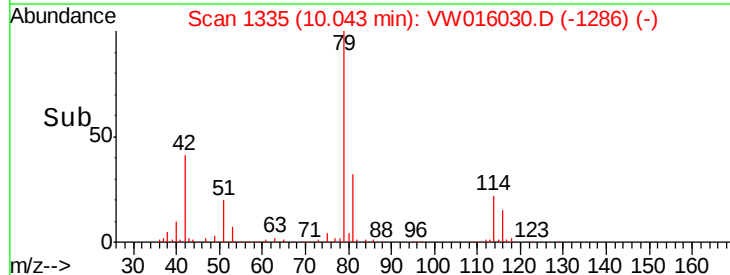
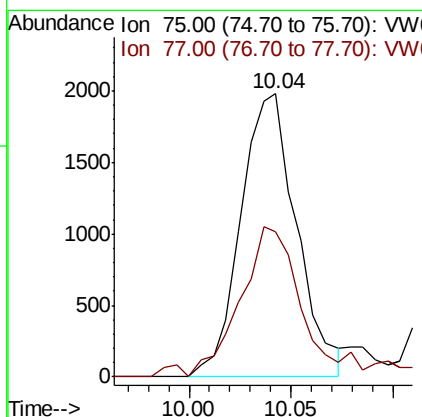
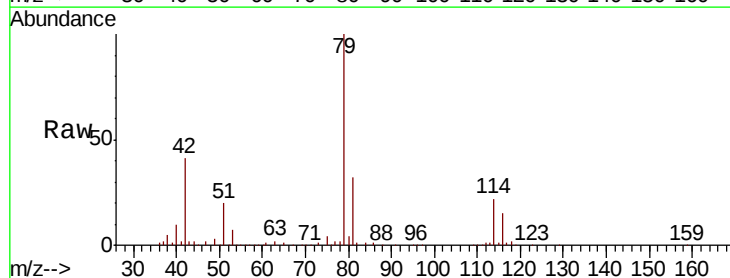
Instrument :
MSVOA_W
ClientSampleId :

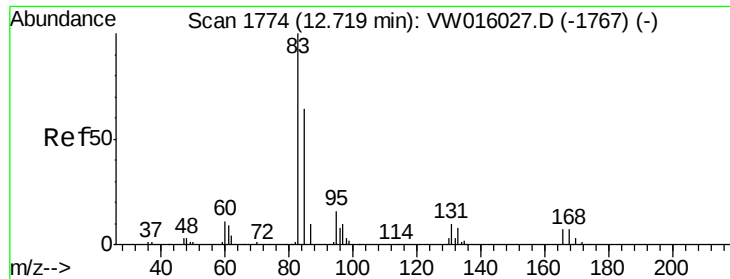
Tot Ion: 84 Resp: 23065
Ion Ratio Lower Upper
84 100
49 118.3 91.1 169.1
86 60.4 46.0 85.4



#42
cis-1,3-Dichloropropene
Concen: 0.403 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016030.D
Acq: 03 Aug 2020 13:06

Tgt Ion: 75 Resp: 3766
Ion Ratio Lower Upper
75 100
77 51.5 22.2 41.2#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.673 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016030.D

Acq: 03 Aug 2020 13:06

Instrument :

MSVOA_W

ClientSampled :

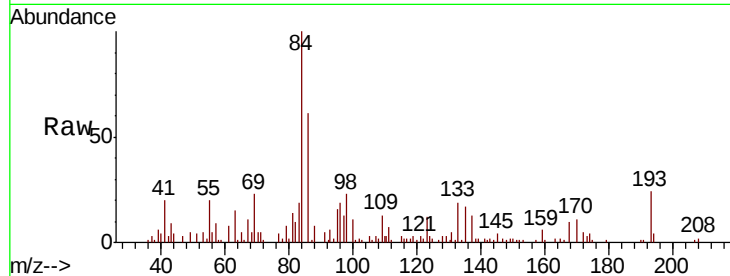
Tot Ion: 83 Resp: 3493

Ion Ratio Lower Upper

83 100

85 0.0 45.1 83.7#

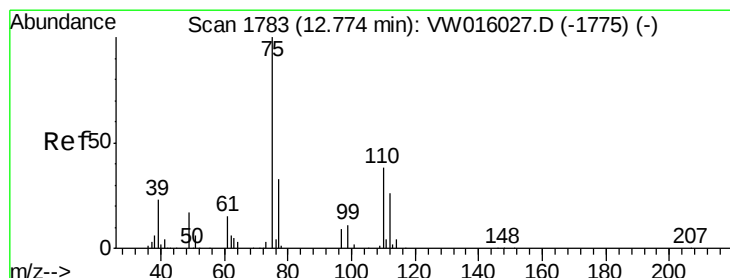
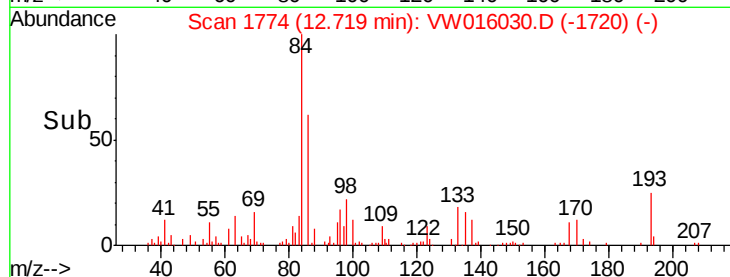
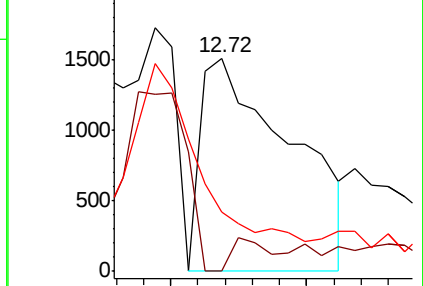
131 27.6 8.2 12.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.059 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016030.D

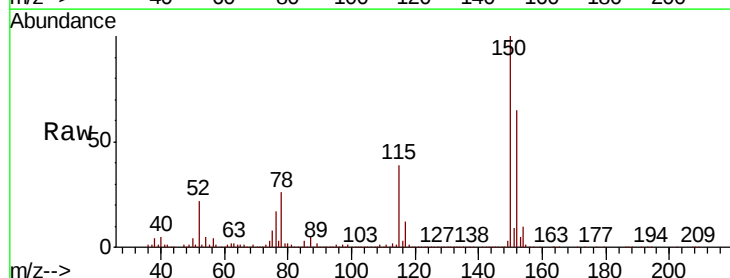
Acq: 03 Aug 2020 13:06

Tgt Ion: 75 Resp: 23548

Ion Ratio Lower Upper

75 100

77 34.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

