

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015927.D
 Acq On : 23 Jul 2020 17:26
 Operator : SY/VA
 Sample : L3388-06
 Misc : 4.18G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	449494	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406293	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	142261	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.90	69	112448	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.01	63	209025	16.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.20%
20) 2-Butanone-d5	7.09	46	59024	35.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.86%
24) Chloroform-d	7.65	84	273248	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.31	65	153762	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.76%
29) Benzene-d6	8.28	84	542412	21.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.72%
33) 1,2-Dichloropropane-d6	9.27	67	168132	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.32	98	476661	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloropropene-	10.58	79	59980	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.92%
39) 2-Hexanone-d5	10.93	63	41110	33.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124990	21.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	135401	21.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.88%

Target Compounds

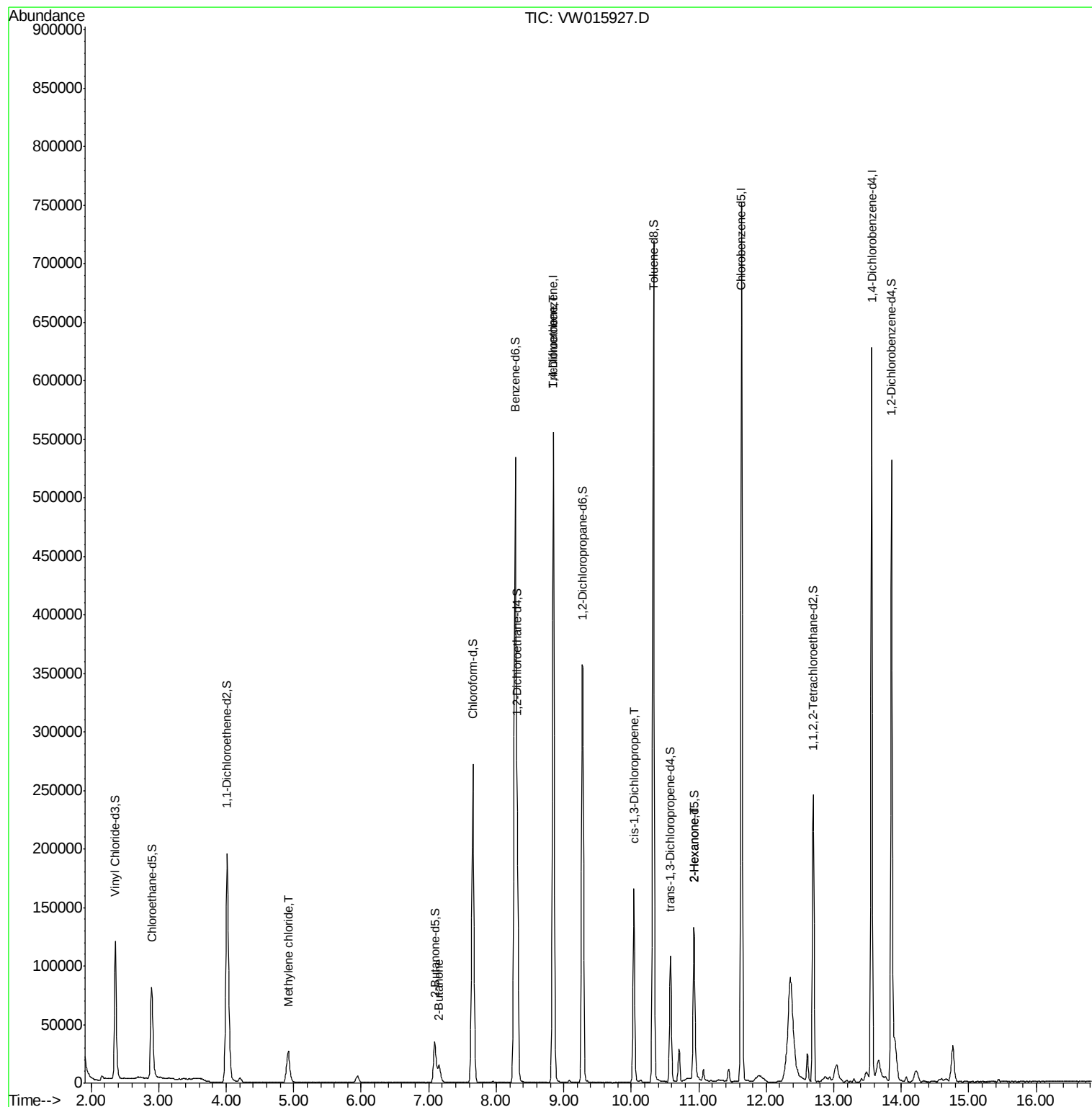
					Ovalue
16) Methylene chloride	4.92	84	21821	2.963 ug/L	84
21) 2-Butanone	7.15	43	4926	2.847 ug/L #	49
35) Trichloroethene	8.85	95	13295	2.037 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4086	0.439 ug/L #	65
49) 2-Hexanone	10.93	43	6290	2.484 ug/L #	67

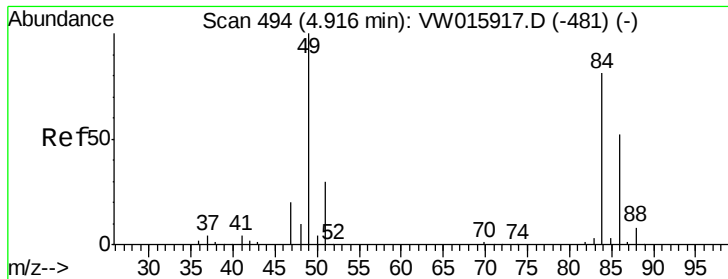
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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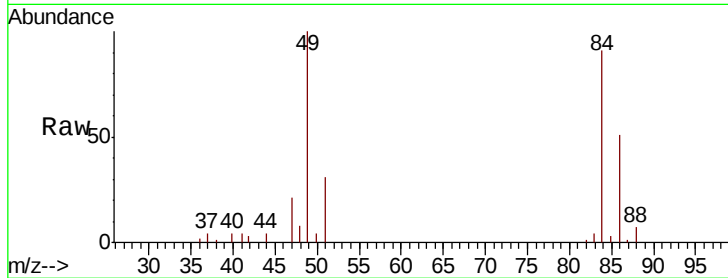




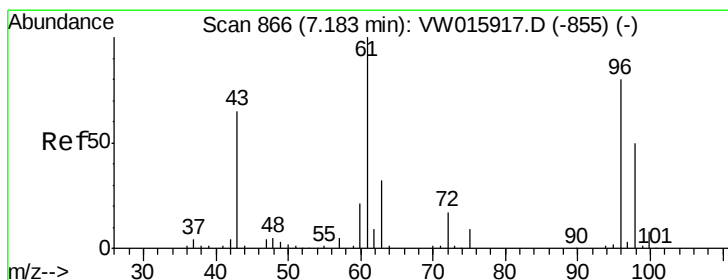
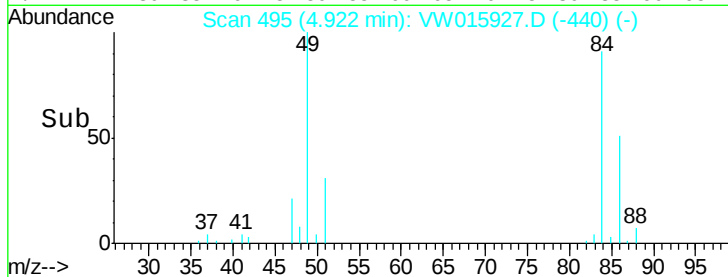
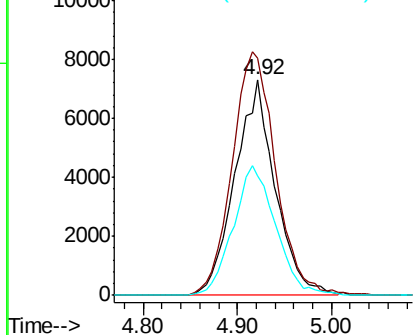
#16
Methylene chloride
Concen: 2.963 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015927.D
Acq: 23 Jul 2020 17:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 21821
Ion Ratio Lower Upper
84 100
49 110.1 91.1 169.1
86 55.6 46.0 85.4

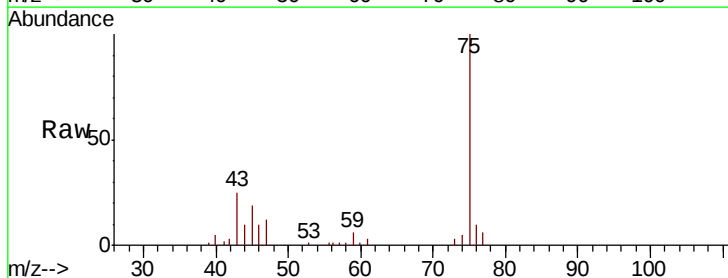


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

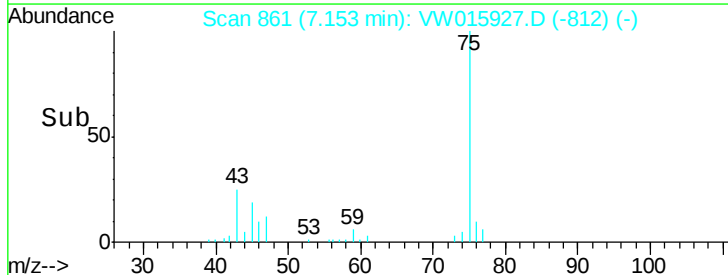
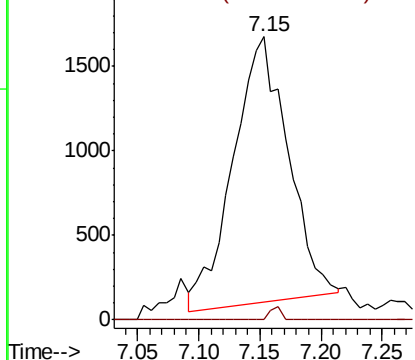


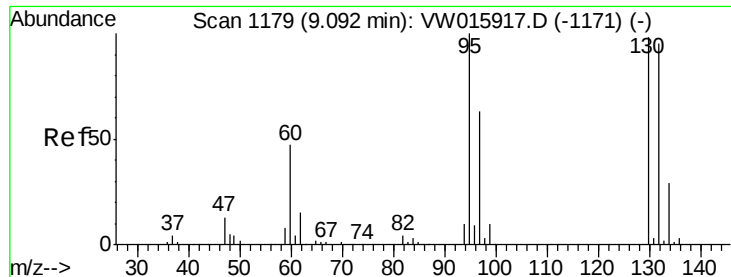
#21
2-Butanone
Concen: 2.847 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW015927.D
Acq: 23 Jul 2020 17:26

Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
72 1.0 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.037 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015927.D

Acq: 23 Jul 2020 17:26

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 13295

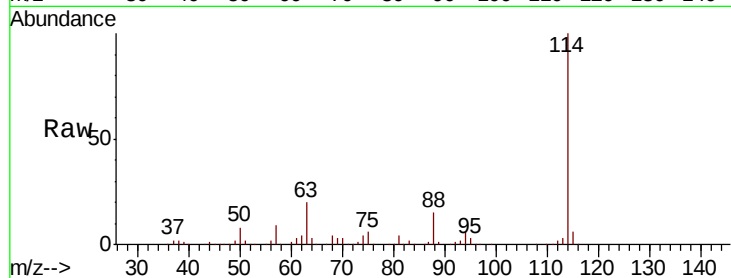
Ion Ratio Lower Upper

95 100

97 0.4 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

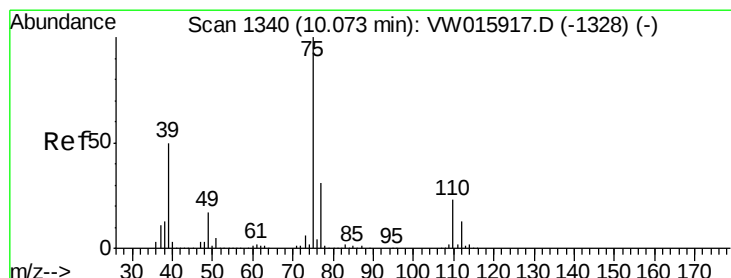
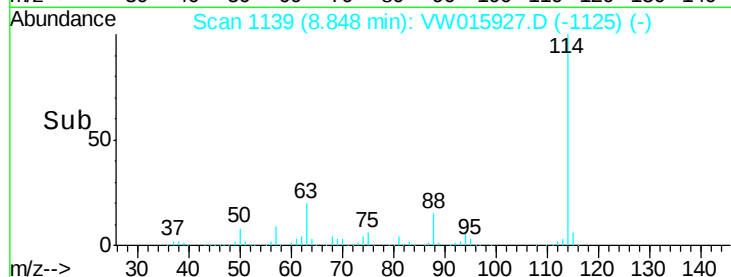
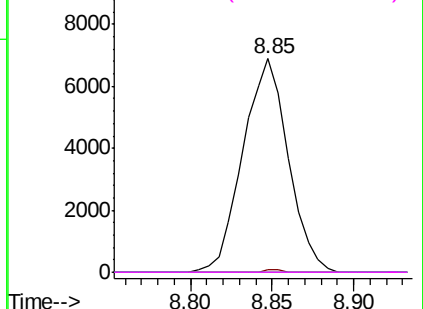


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.439 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015927.D

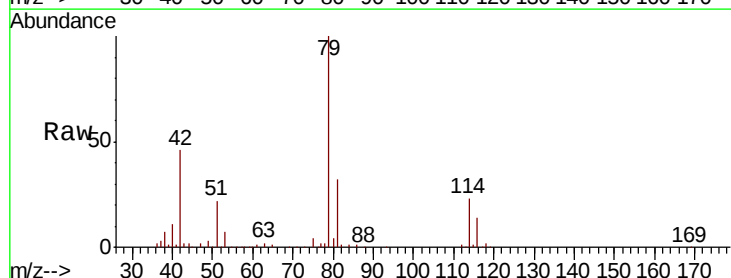
Acq: 23 Jul 2020 17:26

Tgt Ion: 75 Resp: 4086

Ion Ratio Lower Upper

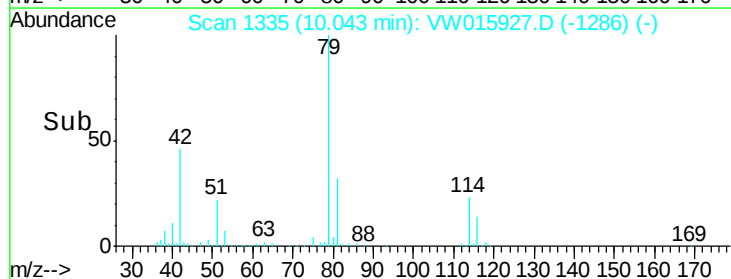
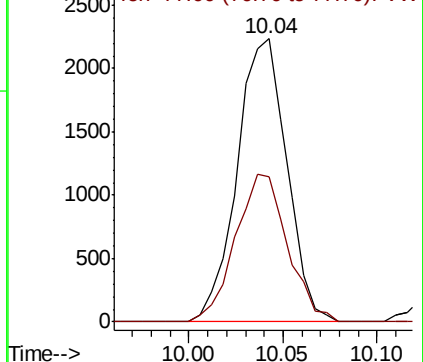
75 100

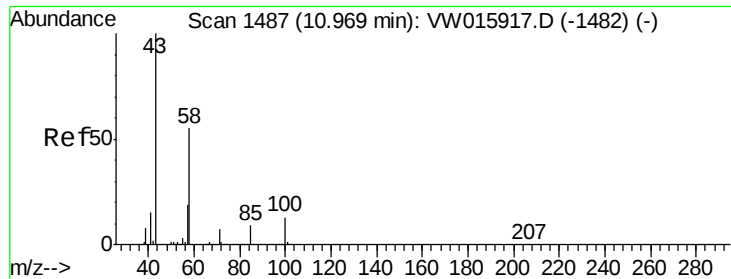
77 51.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.484 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015927.D

Acq: 23 Jul 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6290

Ion Ratio Lower Upper

43 100

58 23.4 42.4 63.6#

57 27.3 15.6 23.4#

100 4.8 9.8 14.6#

