

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015759.D
 Acq On : 29 Jun 2020 13:48
 Operator : SY/VA
 Sample : L3139-01
 Misc : 4.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA2

Quant Time: Jun 30 03:05:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373516	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325598	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123682	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130989	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
7) Chloroethane-d5	2.90	69	107246	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.01	63	184372	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.08	46	47851	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
24) Chloroform-d	7.65	84	224325	21.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	8.30	65	124032	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.76%
29) Benzene-d6	8.27	84	459313	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.27	67	130965	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
37) Toluene-d8	10.32	98	419042	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.80%
38) trans-1,3-Dichloropropene-	10.58	79	52187	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.00%
39) 2-Hexanone-d5	10.93	63	36571	39.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82771	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	107476	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

Target Compounds

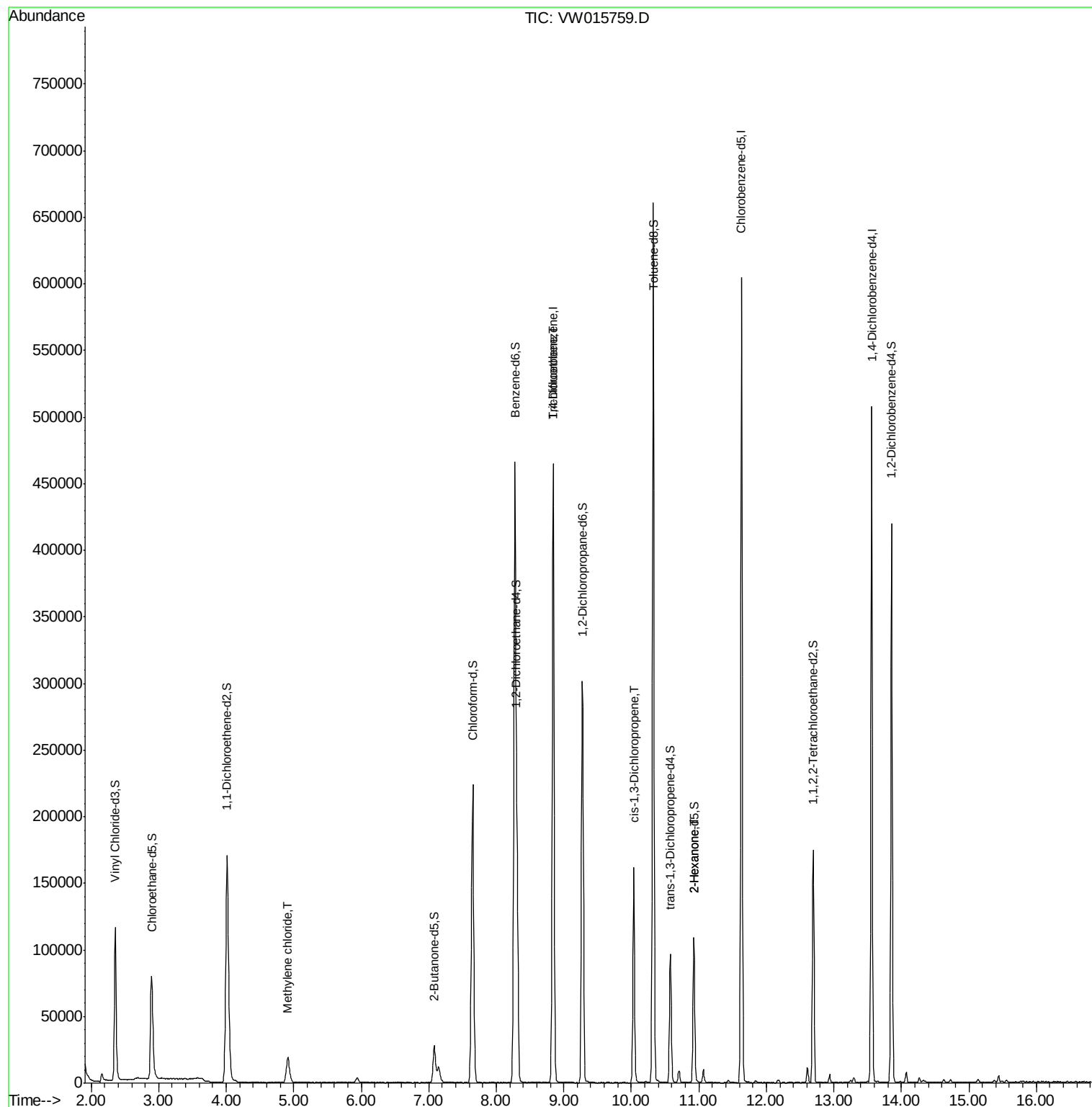
					Ovalue
16) Methylene chloride	4.91	84	15286	2.789 ug/L	93
35) Trichloroethene	8.84	95	12018	2.520 ug/L #	5
42) cis-1,3-Dichloropropene	10.04	75	4356	0.641 ug/L #	77
49) 2-Hexanone	10.93	43	4898	2.738 ug/L #	64

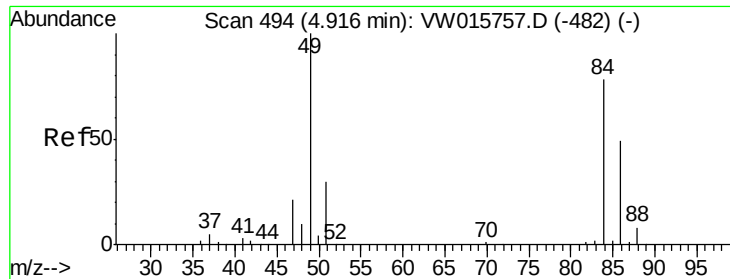
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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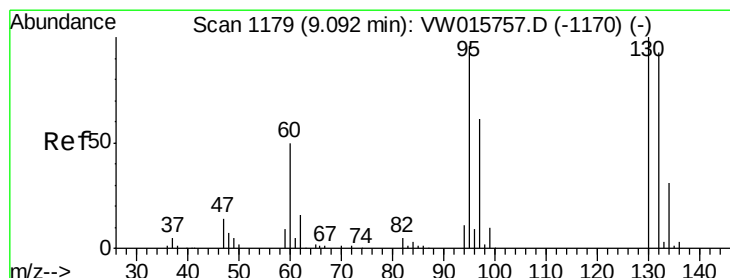
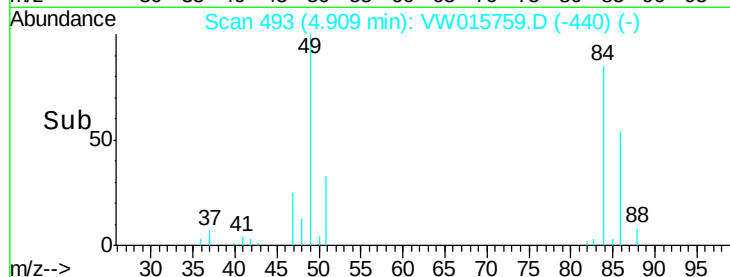
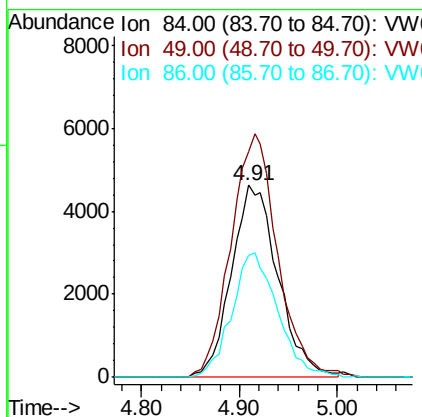
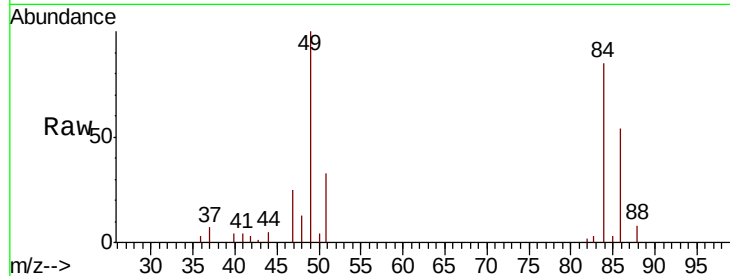




#16
Methvlene chloride
Concen: 2.789 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015759.D
Acq: 29 Jun 2020 13:48

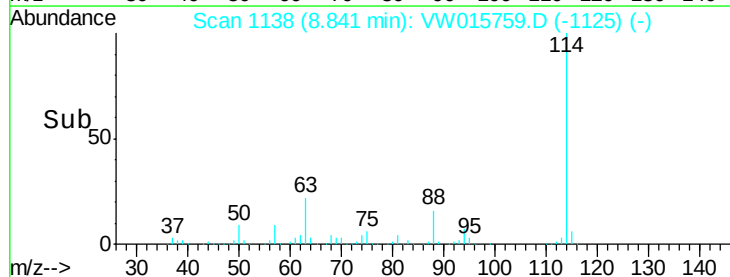
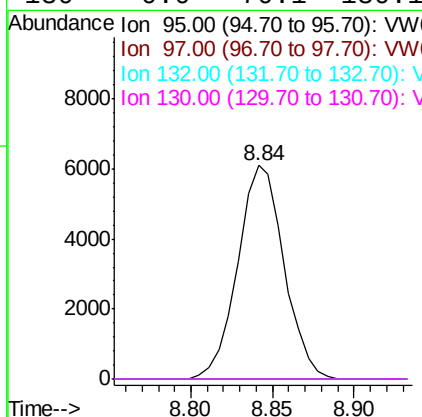
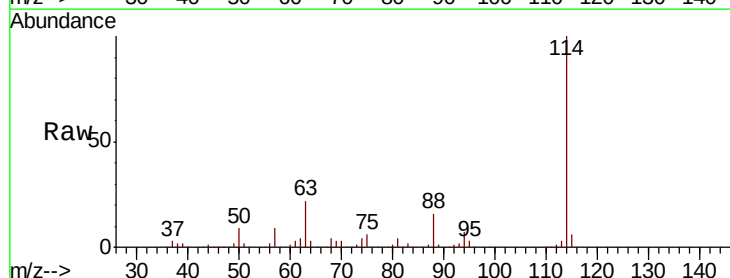
Instrument :
MSVOA_W
ClientSampleId :
C0AA2

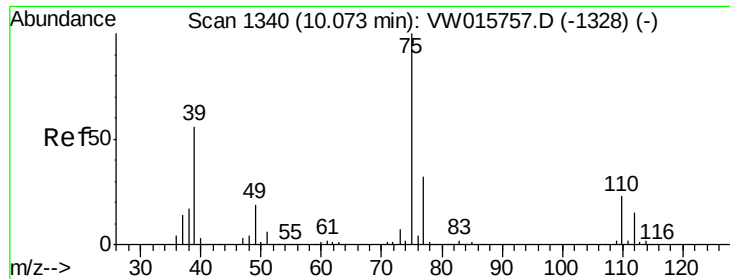
Tot Ion: 84 Resp: 15286
Ion Ratio Lower Upper
84 100
49 117.6 90.0 167.2
86 63.9 44.0 81.8



#35
Trichloroethene
Concen: 2.520 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015759.D
Acq: 29 Jun 2020 13:48

Tgt Ion: 95 Resp: 12018
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.3#
132 0.0 67.8 126.0#
130 0.0 70.1 130.1#





#42

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015759.D

Acq: 29 Jun 2020 13:48

Instrument :

MSVOA_W

ClientSampleId :

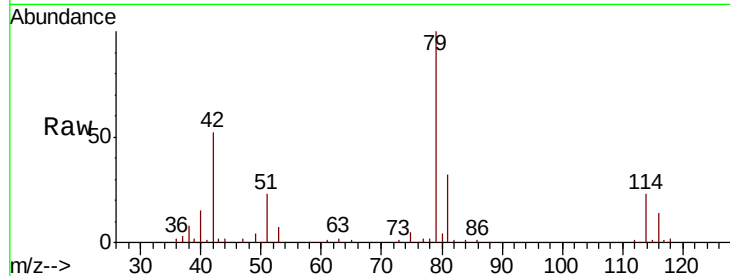
C0AA2

Tot Ion: 75 Resp: 4356

Ion Ratio Lower Upper

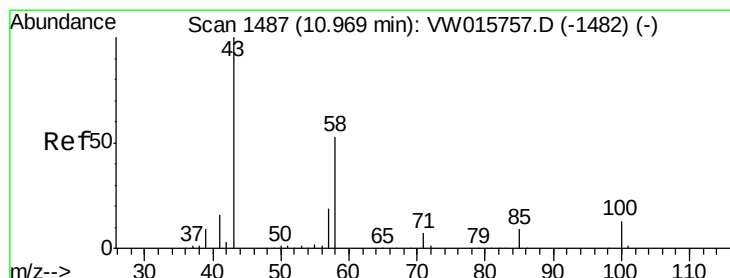
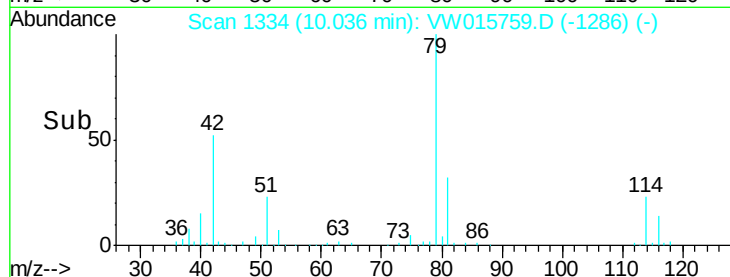
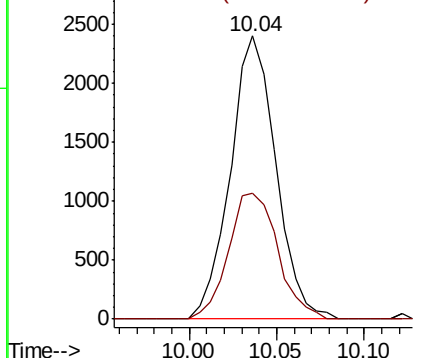
75 100

77 44.3 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: 2.738 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015759.D

Acq: 29 Jun 2020 13:48

Tgt Ion: 43 Resp: 4898

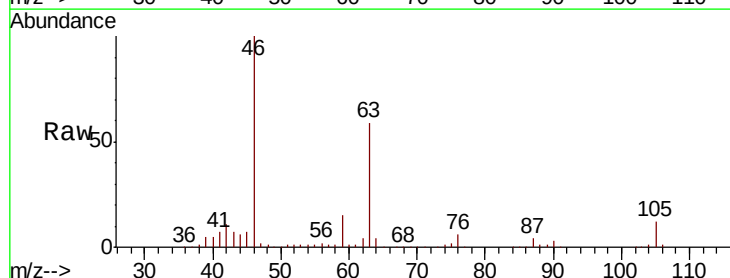
Ion Ratio Lower Upper

43 100

58 21.1 43.5 65.3#

57 23.1 15.4 23.0#

100 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

