

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015912.D
 Acq On : 22 Jul 2020 18:43
 Operator : SY/VA
 Sample : L3388-18
 Misc : 2.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE5

Quant Time: Jul 23 03:06:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	472700	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417174	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161147	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146247	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	110687	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
10) 1,1-Dichloroethene-d2	4.01	63	211978	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.09	46	85933	49.05	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.10%
24) Chloroform-d	7.65	84	264755	19.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.76%
26) 1,2-Dichloroethane-d4	8.31	65	157850	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.27	84	531648	20.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.76%
33) 1,2-Dichloropropane-d6	9.28	67	162219	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.24%
37) Toluene-d8	10.33	98	462026	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.36%
38) trans-1,3-Dichloropropene-	10.58	79	65043	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	62760	49.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136893	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	136090	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

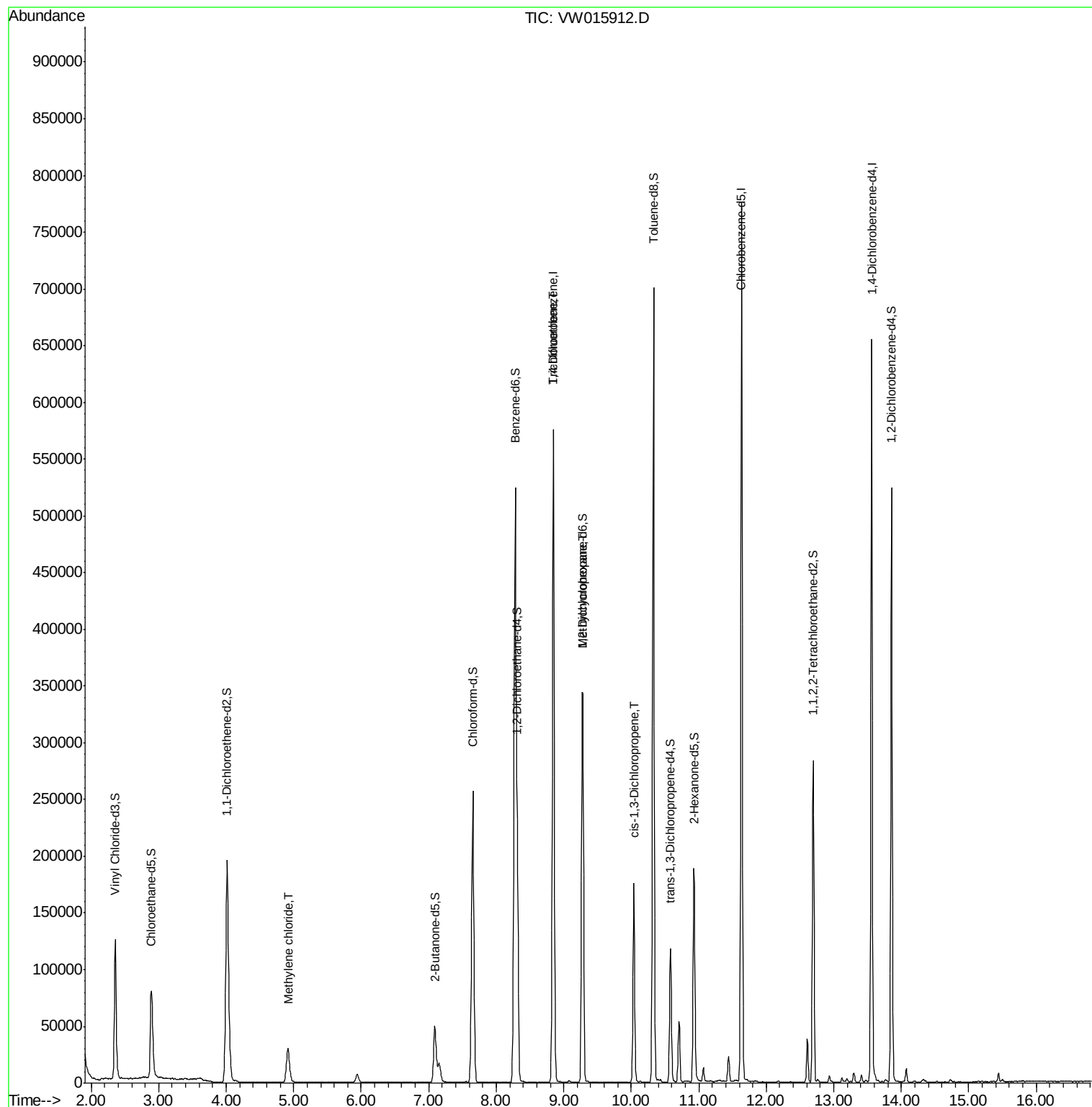
					Ovalue
16) Methylene chloride	4.92	84	24488	3.162 ug/L	97
35) Trichloroethene	8.85	95	14268	2.129 ug/L #	6
36) Methylcyclohexane	9.28	83	40028	3.480 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4641	0.485 ug/L #	71

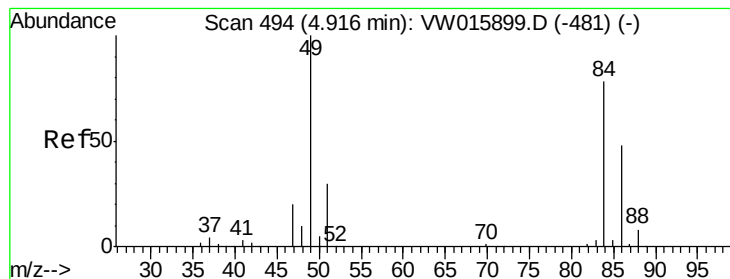
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015912.D
Acq On : 22 Jul 2020 18:43
Operator : SY/VA
Sample : L3388-18
Misc : 2.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE5

Quant Time: Jul 23 03:06:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 3.162 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015912.D

Acq: 22 Jul 2020 18:43

Instrument :

MSVOA_W

ClientSampleId :

C0AE5

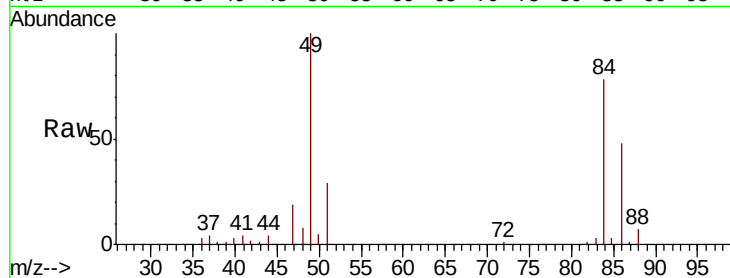
Tot Ion: 84 Resp: 24488

Ion Ratio Lower Upper

84 100

49 127.4 91.1 169.1

86 61.6 46.0 85.4

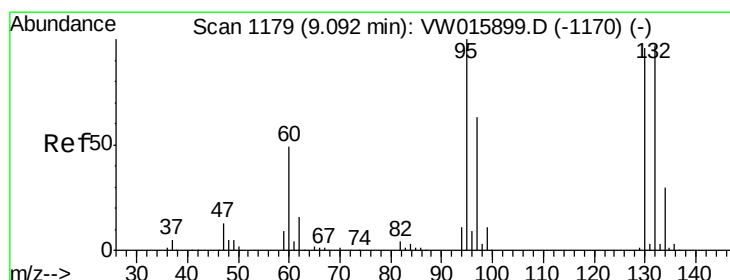
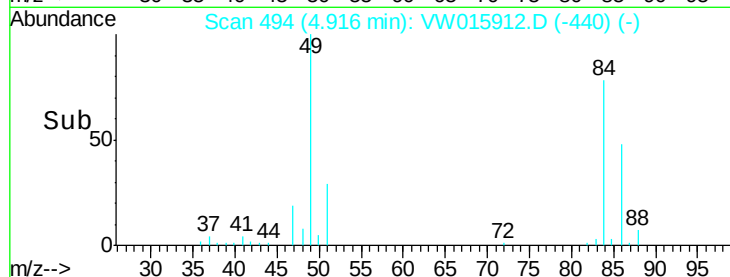
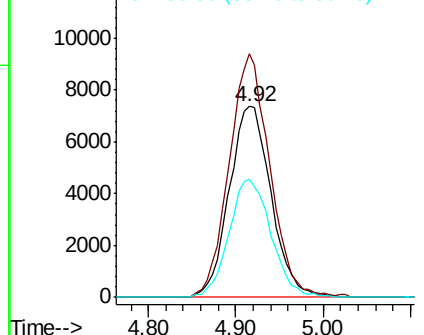


Abundance

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



#35

Trichloroethene

Concen: 2.129 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015912.D

Acq: 22 Jul 2020 18:43

Tgt Ion: 95 Resp: 14268

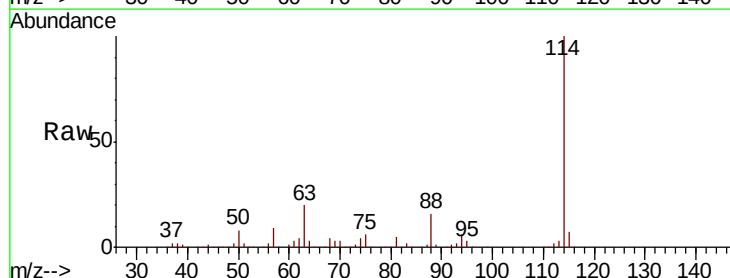
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#



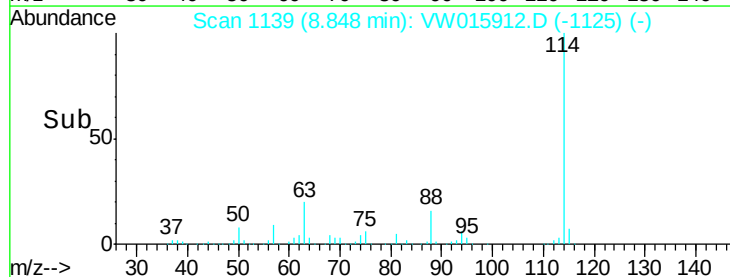
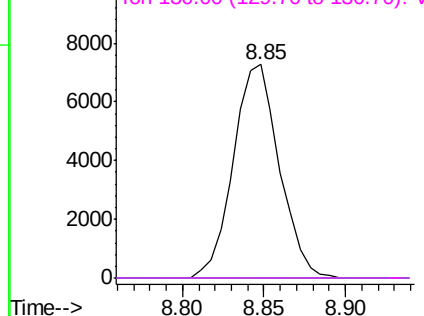
Abundance

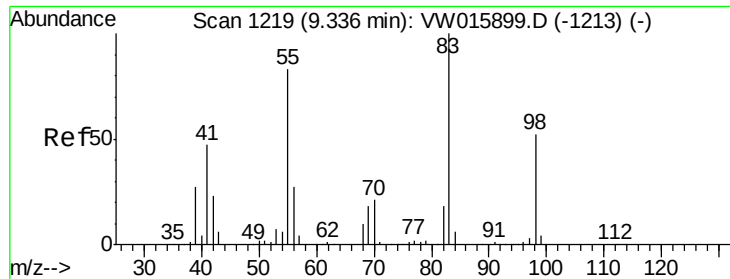
Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

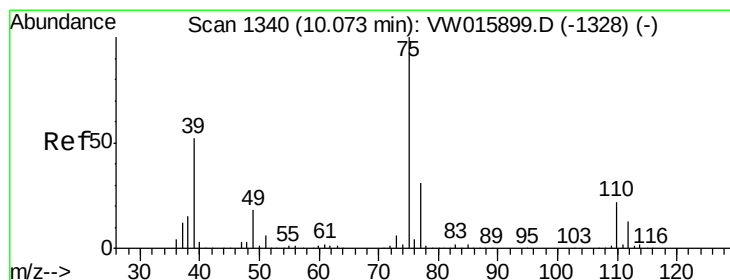
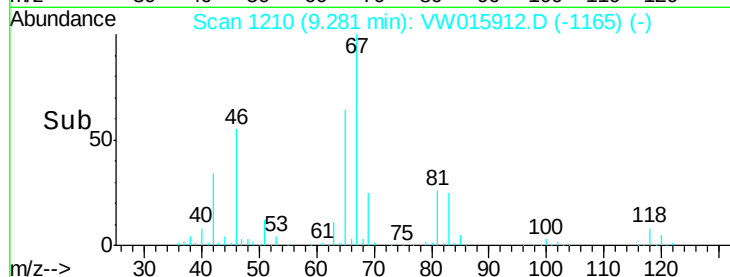
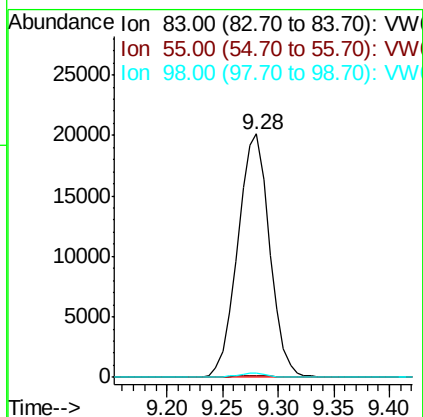
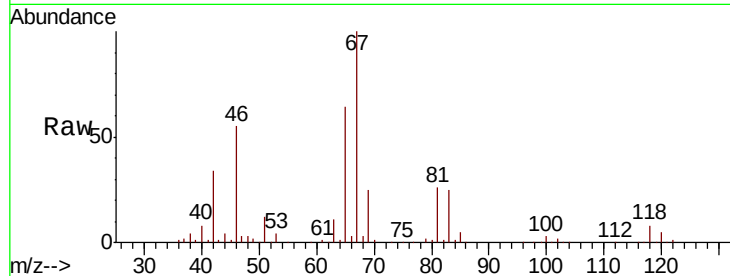




#36
Methylcyclohexane
Concen: 3.480 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015912.D
Acq: 22 Jul 2020 18:43

Instrument :
MSVOA_W
ClientSampled :
C0AE5

Tot Ion: 83 Resp: 40028
Ion Ratio Lower Upper
83 100
55 0.8 63.5 95.3#
98 1.5 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.485 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015912.D
Acq: 22 Jul 2020 18:43

Tgt Ion: 75 Resp: 4641
Ion Ratio Lower Upper
75 100
77 48.0 22.2 41.2#

