

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016115.D
 Acq On : 10 Aug 2020 21:29
 Operator : SY/VA
 Sample : L3598-06
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY64

Quant Time: Aug 11 02:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	335817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84677	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108205	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
7) Chloroethane-d5	2.89	69	80001	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
10) 1,1-Dichloroethene-d2	4.01	63	166713	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	7.09	46	71733	65.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.96%
24) Chloroform-d	7.65	84	232931	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.31	65	138944	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.12%
29) Benzene-d6	8.27	84	439288	27.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.28%
33) 1,2-Dichloropropane-d6	9.27	67	132773	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.36%
37) Toluene-d8	10.32	98	379558	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	59086	28.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.24%
39) 2-Hexanone-d5	10.93	63	57865	71.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117776	30.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	81819	27.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.04%

Target Compounds

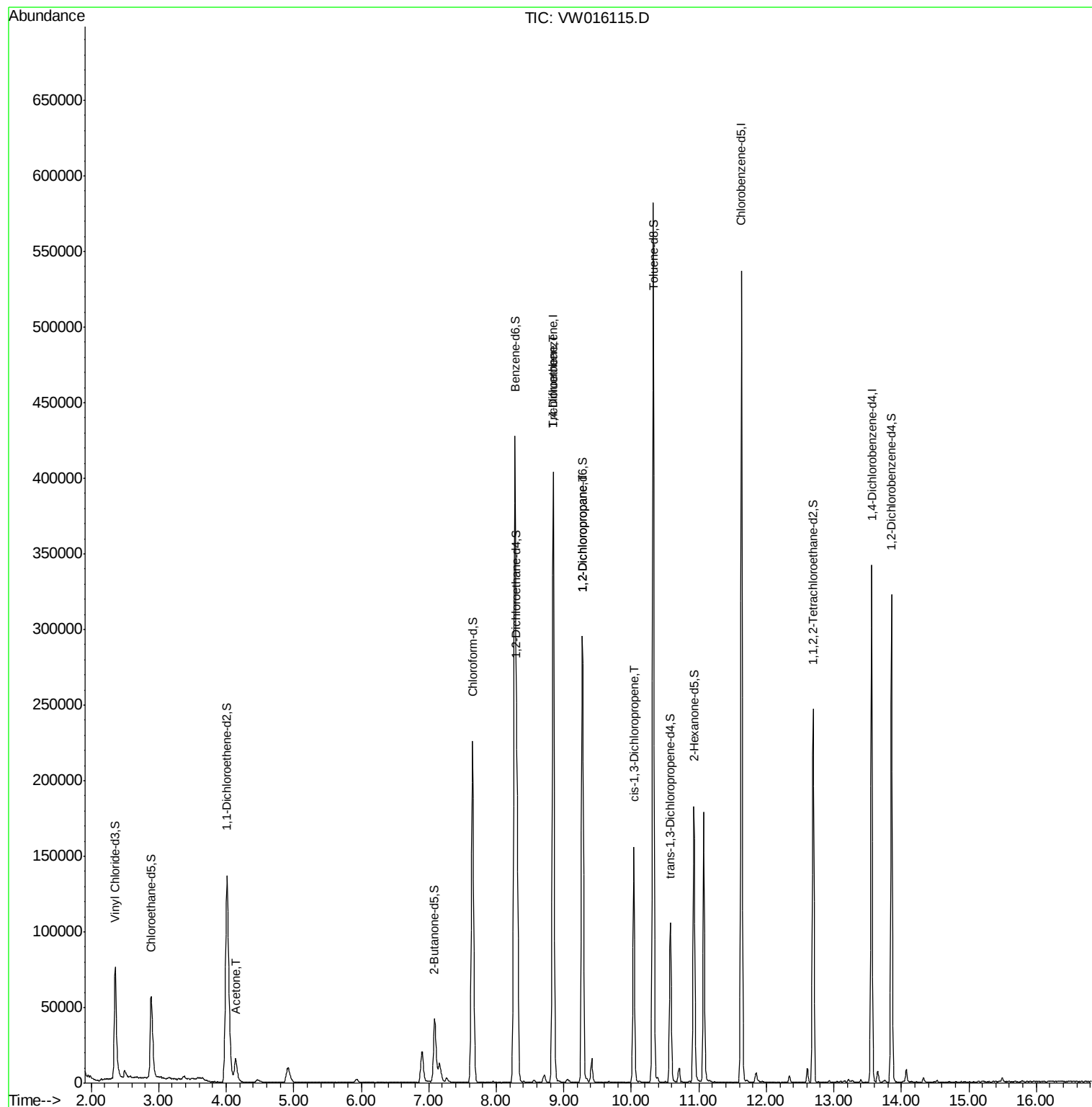
					Ovalue
13) Acetone	4.14	43	27046	32.633 ug/L	76
35) Trichloroethene	8.85	95	10419	2.294 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	16096	3.881 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3969	0.628 ug/L #	78

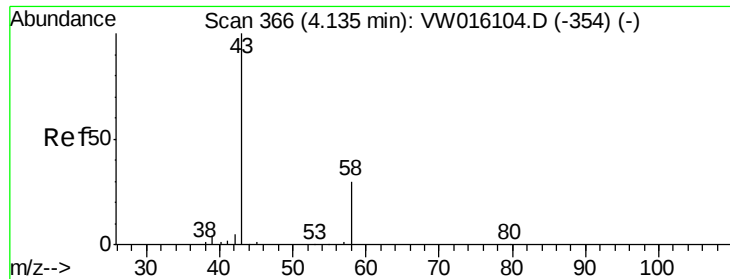
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 32.633 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016115.D

Acq: 10 Aug 2020 21:29

Instrument :

MSVOA_W

ClientSampled :

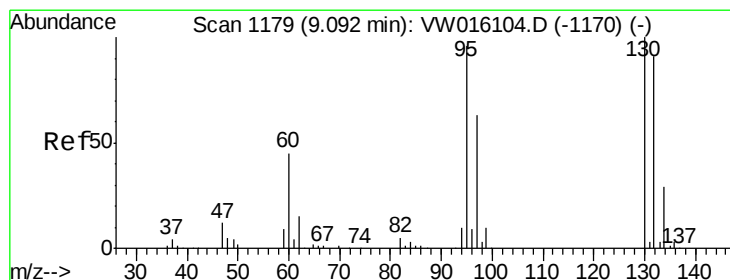
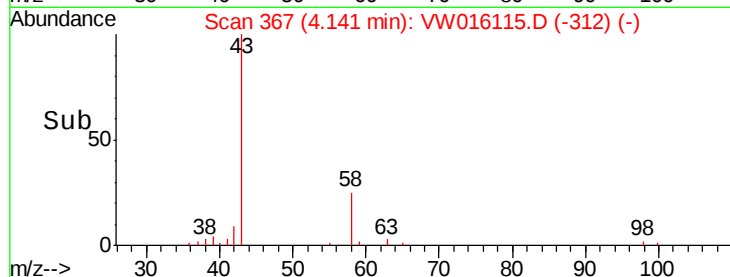
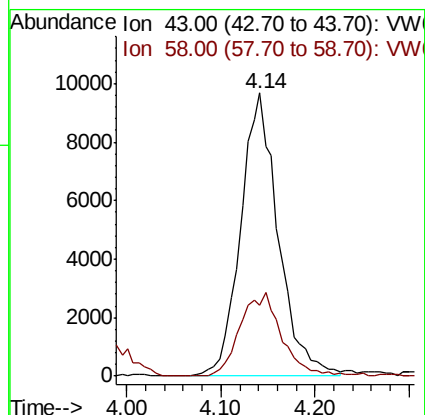
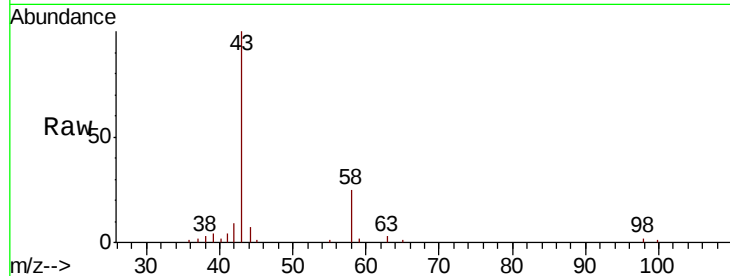
GAY64

Tot Ion: 43 Resp: 27046

Ion Ratio Lower Upper

43 100

58 16.9 0.0 59.4



#35

Trichloroethene

Concen: 2.294 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 10 Aug 2020 21:29

Tgt Ion: 95 Resp: 10419

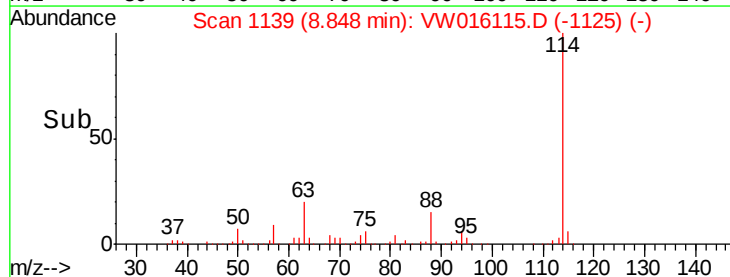
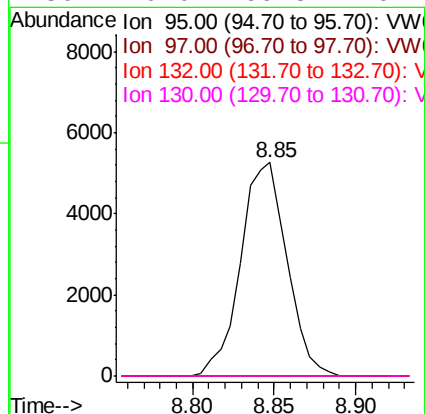
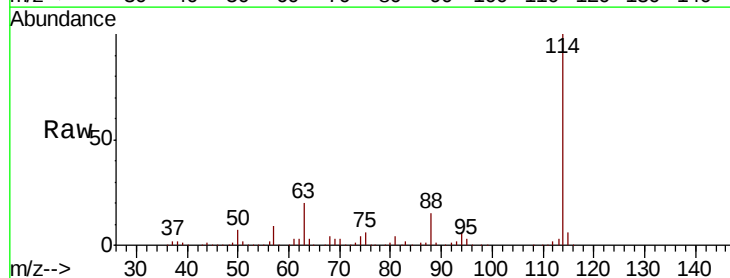
Ion Ratio Lower Upper

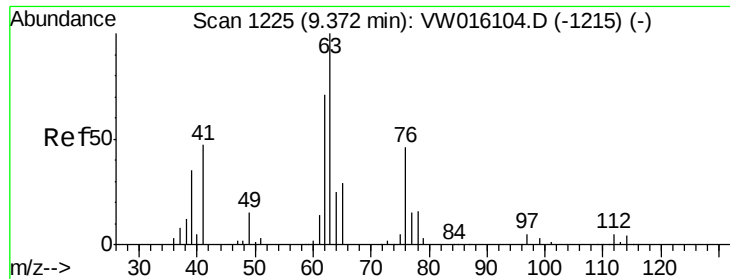
95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#





#40

1,2-Dichloropropane

Concen: 3.881 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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MSVOA_W

ClientSampleId :

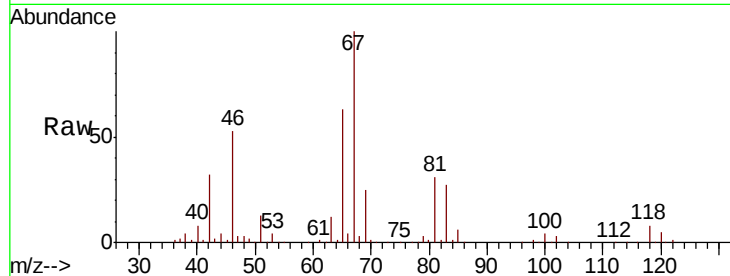
GAY64

Tot Ion: 63 Resp: 16096

Ion Ratio Lower Upper

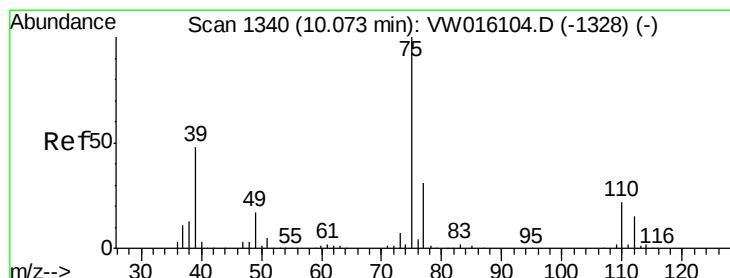
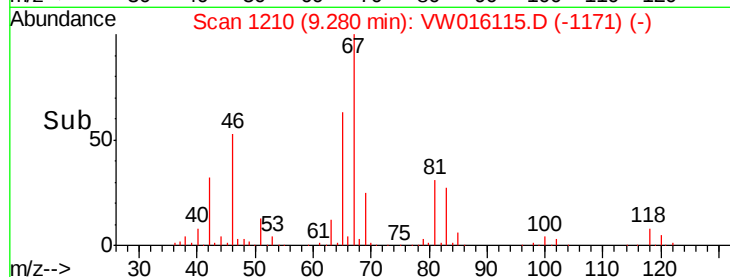
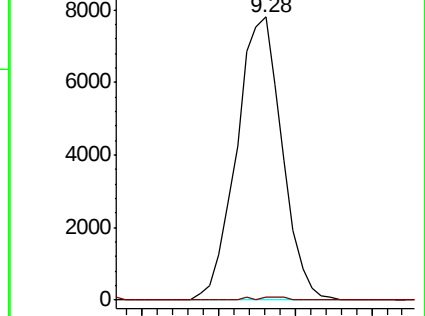
63 100

112 0.6 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.628 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016115.D

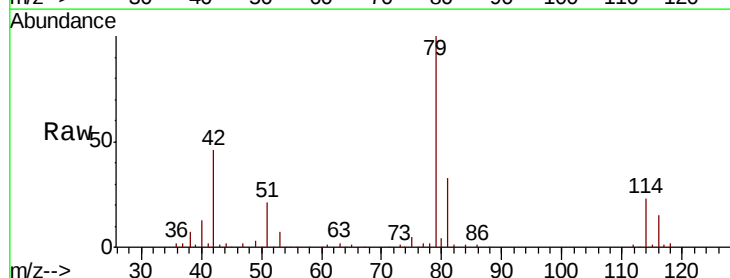
Acq: 10 Aug 2020 21:29

Tgt Ion: 75 Resp: 3969

Ion Ratio Lower Upper

75 100

77 44.9 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

