

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015454.D
 Acq On : 22 May 2020 16:15
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:56:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152747	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74351	16.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.32%
7) Chloroethane-d5	2.89	69	83289	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
10) 1,1-Dichloroethene-d2	4.01	63	131923	14.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.72%
20) 2-Butanone-d5	7.08	46	54838	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
24) Chloroform-d	7.65	84	193101	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.30	65	114495	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.27	84	391151	22.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.24%
33) 1,2-Dichloropropane-d6	9.27	67	118284	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.04%
37) Toluene-d8	10.32	98	372473	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.36%
38) trans-1,3-Dichloropropene-	10.58	79	50916	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	10.93	63	44364	45.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90935	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	125249	23.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.56%

Target Compounds

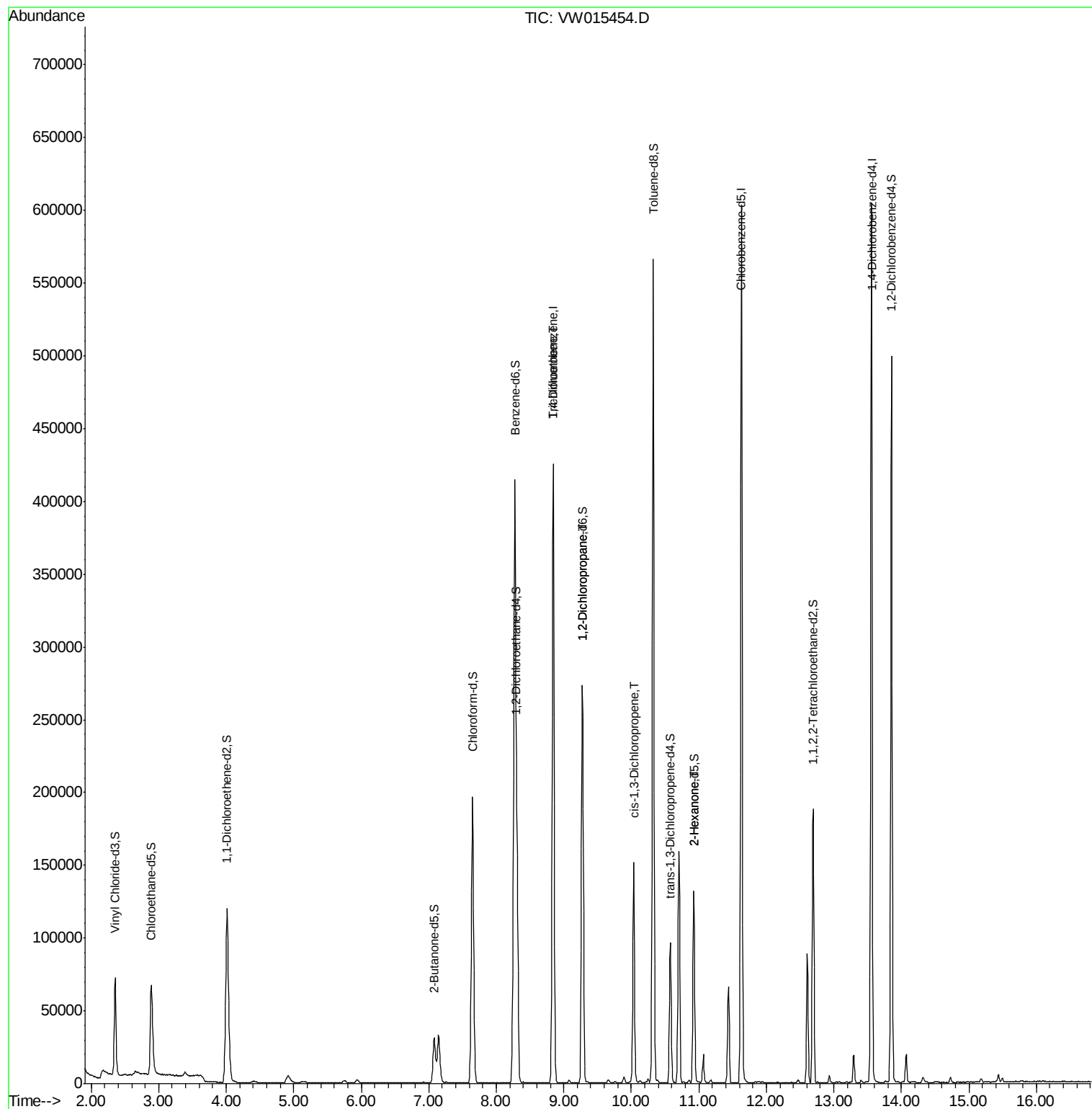
					Ovalue
35) Trichloroethene	8.84	95	11107	2.211 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	14463	3.087 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	4116	0.544 ug/L #	77
49) 2-Hexanone	10.92	43	6030	3.049 ug/L #	66

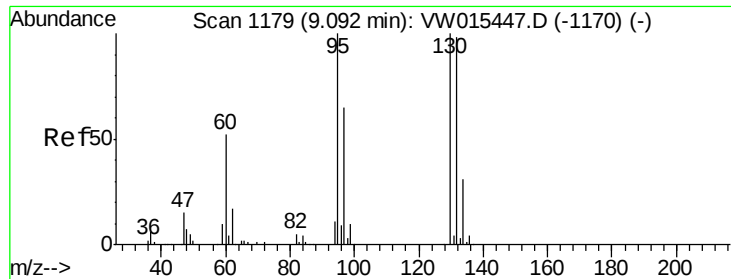
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.211 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015454.D

Acq: 22 May 2020 16:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 11107

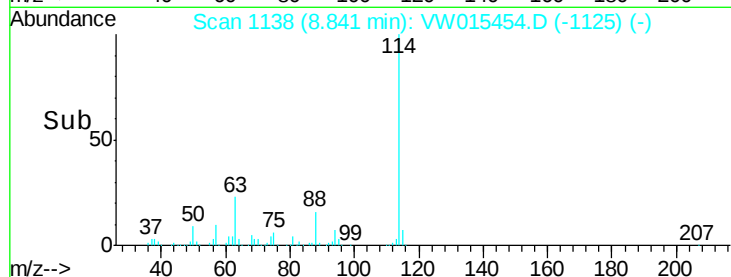
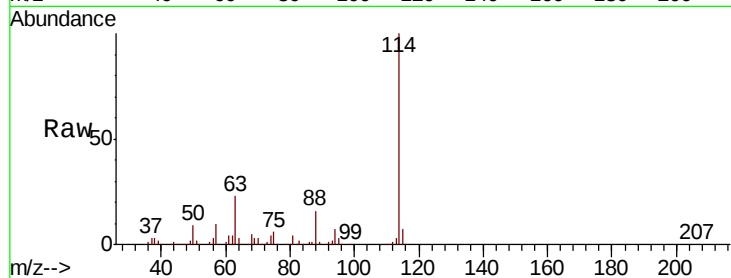
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 64.5 119.7#

130 0.0 68.5 127.3#

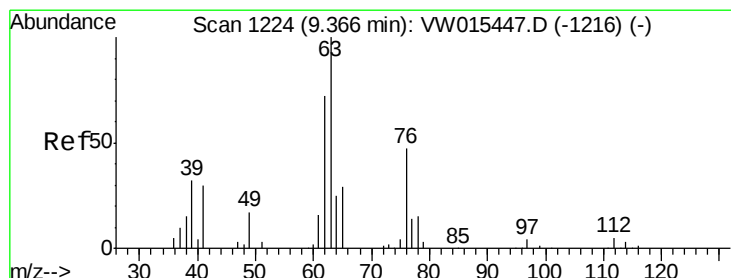
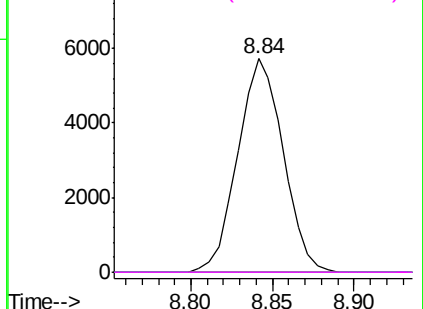


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.087 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015454.D

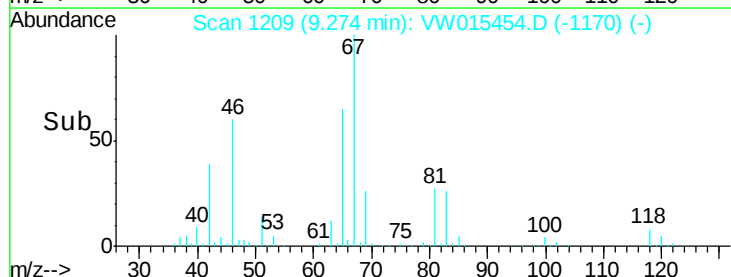
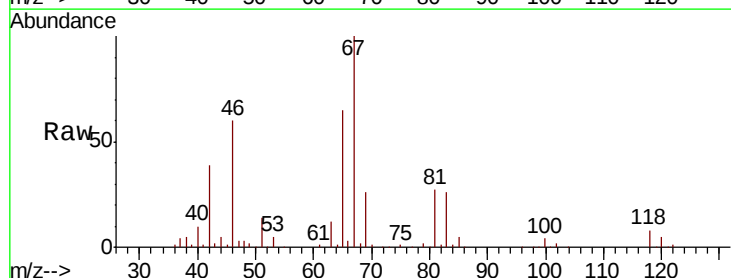
Acq: 22 May 2020 16:15

Tgt Ion: 63 Resp: 14463

Ion Ratio Lower Upper

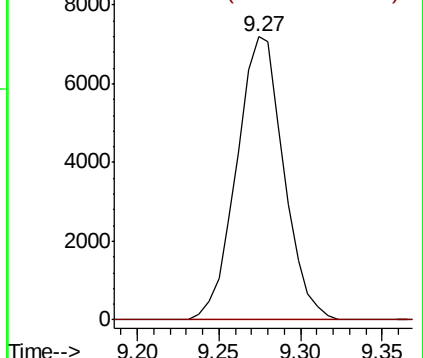
63 100

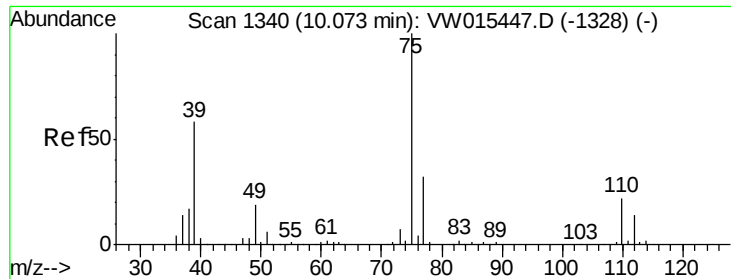
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

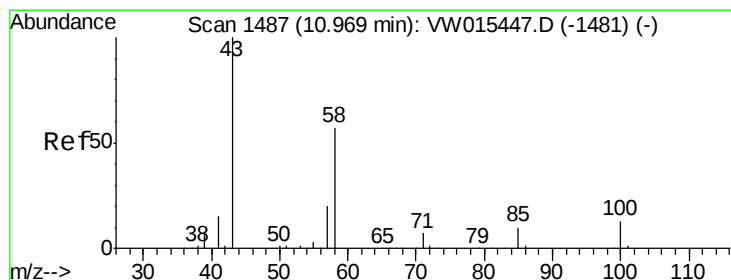
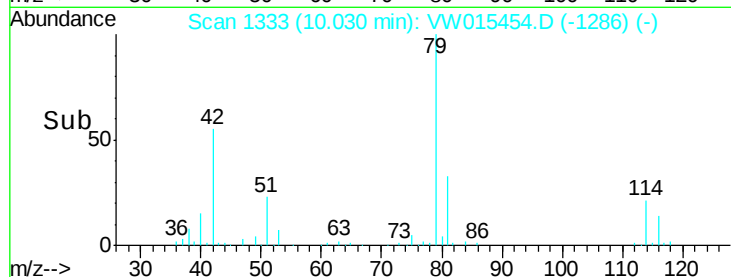
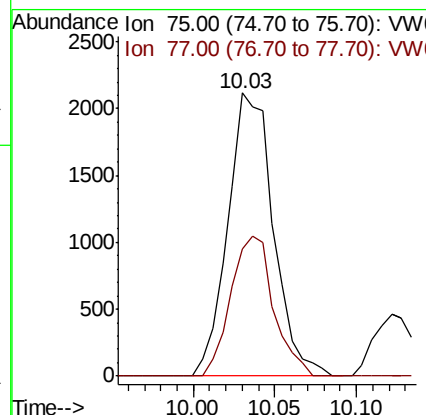
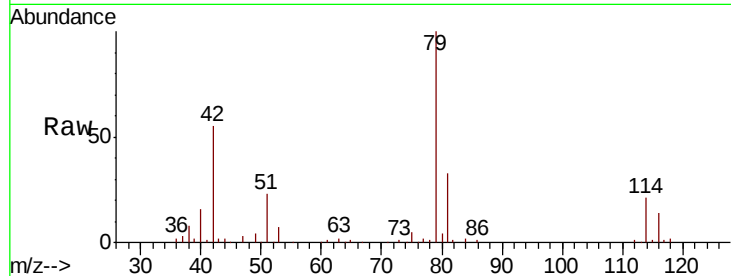




#42
 cis-1,3-Dichloropropene
 Concen: 0.544 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW015454.D
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Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 4116
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.4 41.6#



#49
 2-Hexanone
 Concen: 3.049 ug/L
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: VW015454.D
 Acq: 22 May 2020 16:15

Tgt Ion: 43 Resp: 6030
 Ion Ratio Lower Upper
 43 100
 58 20.6 41.5 62.3#
 57 21.9 15.3 22.9
 100 0.0 9.5 14.3#

