

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013653.D
 Acq On : 22 Oct 2019 14:18
 Operator : SY/VA
 Sample : K5422-07
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8RE

Quant Time: Oct 22 15:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 14:36:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	85181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	32910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39476	34.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.32%
7) Chloroethane-d5	2.89	69	33337	31.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.04%
10) 1,1-Dichloroethene-d2	4.01	63	59187	23.64	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.56%
20) 2-Butanone-d5	7.08	46	17461	43.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.14%
24) Chloroform-d	7.65	84	75077	29.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	8.31	65	38113	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.80%
29) Benzene-d6	8.27	84	161180	31.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.96%
33) 1,2-Dichloropropane-d6	9.27	67	46728	30.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.28%#
37) Toluene-d8	10.32	98	137316	29.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.36%
38) trans-1,3-Dichloropropene-	10.58	79	18200	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.60%
39) 2-Hexanone-d5	10.92	63	13351	45.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32254	25.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	34852	29.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.88%

Target Compounds

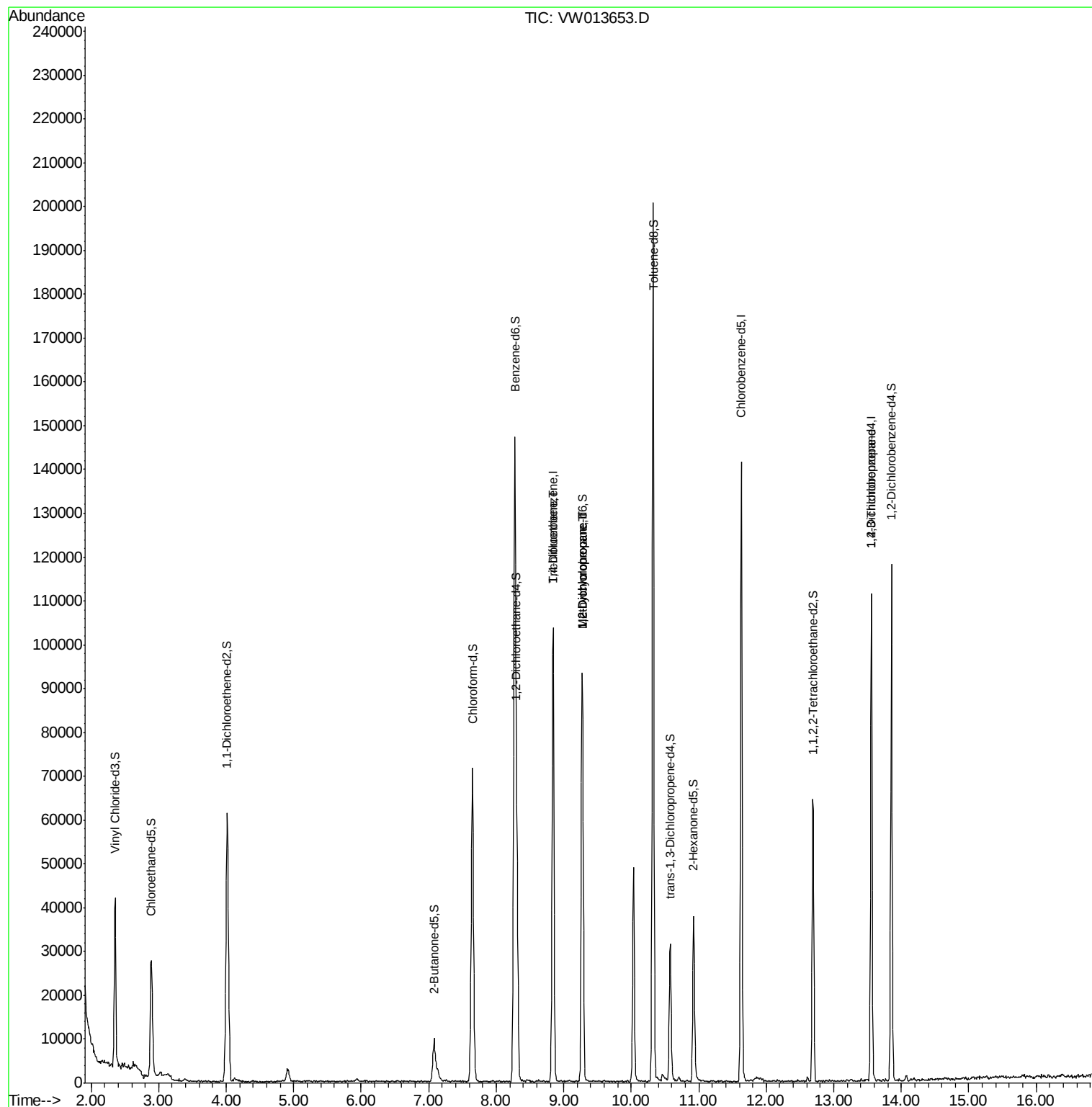
					Ovalue
35) Trichloroethene	8.84	95	2644	1.686 ug/L #	2
36) Methylcyclohexane	9.27	83	11366	4.112 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5035	3.369 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	3564	3.538 ug/L	95

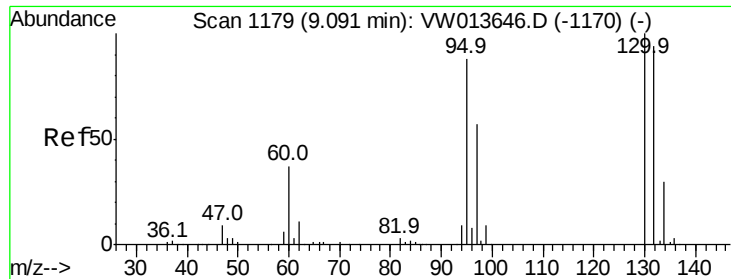
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.686 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW013653.D

Acq: 22 Oct 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

C0AB8RE

Tot Ion: 95 Resp: 2644

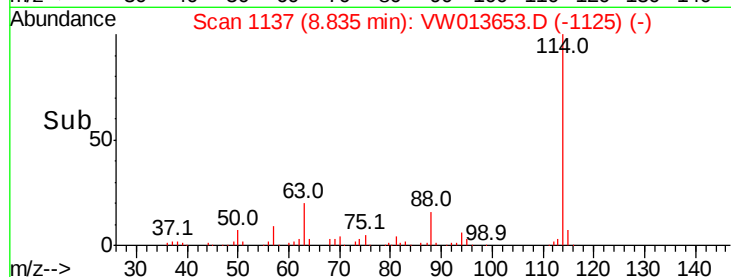
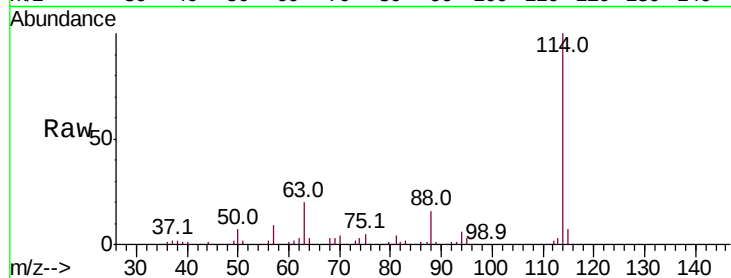
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

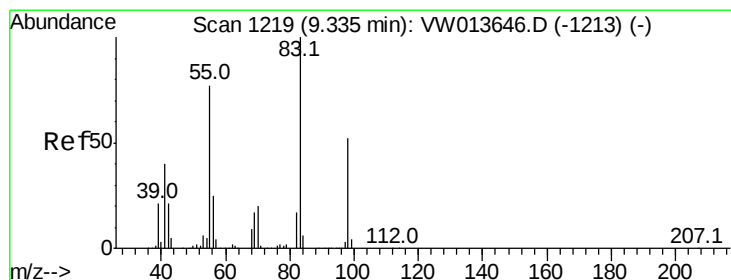
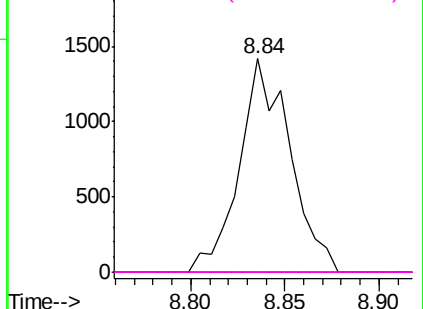


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 4.112 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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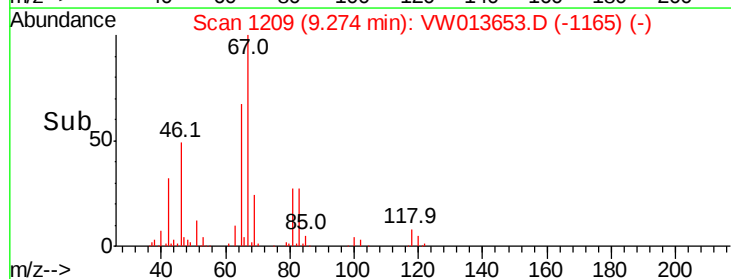
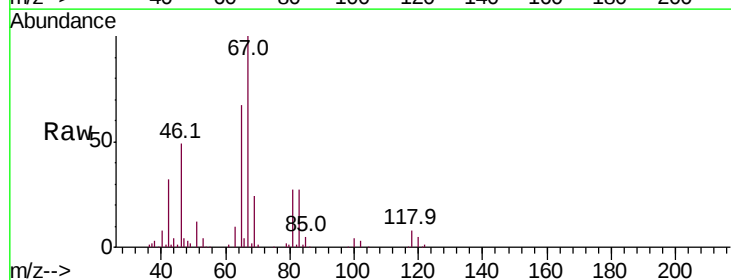
Tgt Ion: 83 Resp: 11366

Ion Ratio Lower Upper

83 100

55 0.6 60.2 90.4#

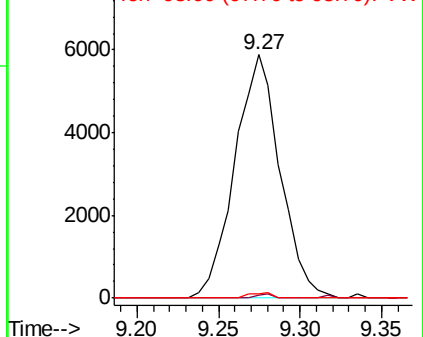
98 1.0 39.1 58.7#

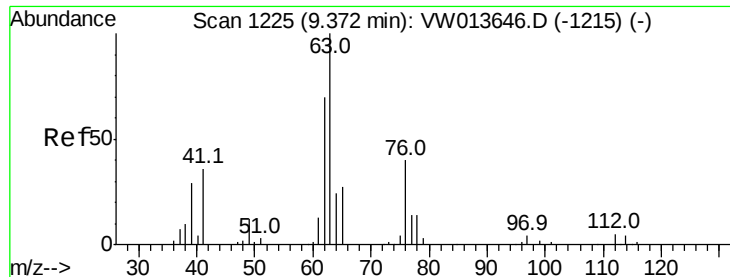


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.369 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

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Acq: 22 Oct 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

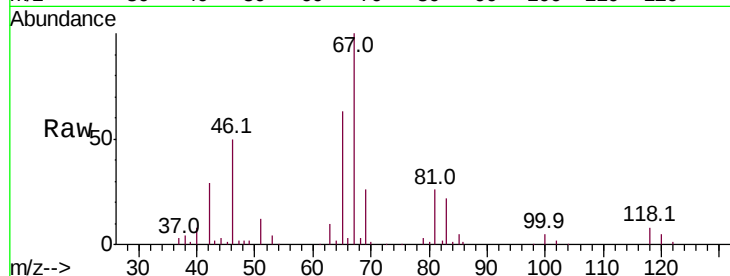
C0AB8RE

Tot Ion: 63 Resp: 5035

Ion Ratio Lower Upper

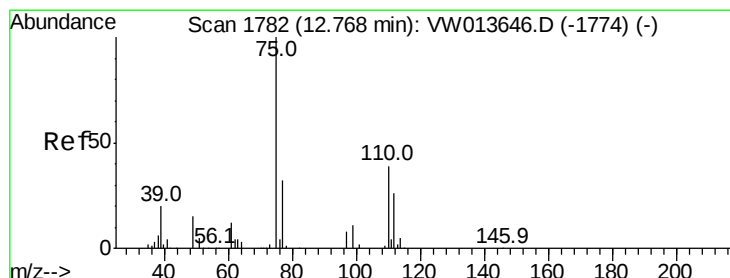
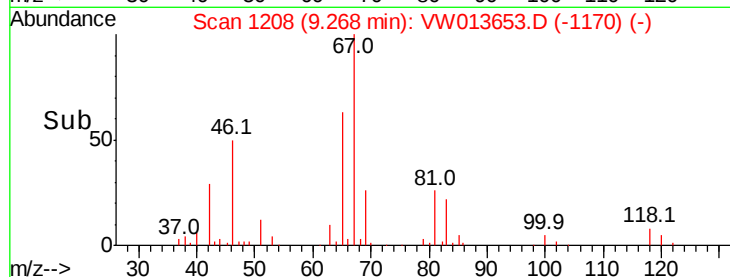
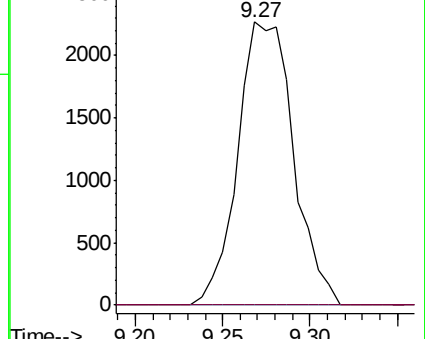
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.538 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013653.D

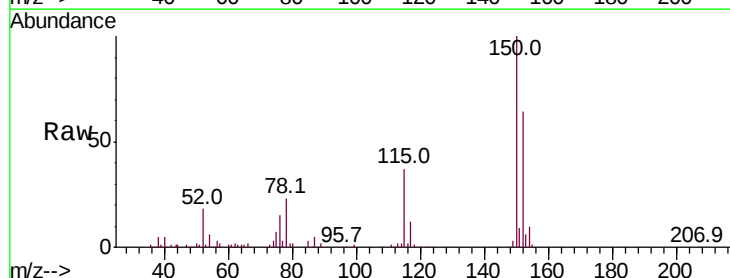
Acq: 22 Oct 2019 14:18

Tgt Ion: 75 Resp: 3564

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

