

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013654.D
 Acq On : 22 Oct 2019 14:44
 Operator : SY/VA
 Sample : K5422-08
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9RE

Quant Time: Oct 22 15:37:45 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	135815	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122680	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	49600	29.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.04%
7) Chloroethane-d5	2.89	69	41571	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.92%
10) 1,1-Dichloroethene-d2	4.01	63	74404	20.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.88%
20) 2-Butanone-d5	7.08	46	22956	38.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.04%
24) Chloroform-d	7.65	84	97831	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	52044	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.27	84	206858	28.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.24%
33) 1,2-Dichloropropane-d6	9.27	67	63303	28.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.04%
37) Toluene-d8	10.32	98	179741	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	10.58	79	23718	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.93	63	18537	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44576	24.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	44562	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

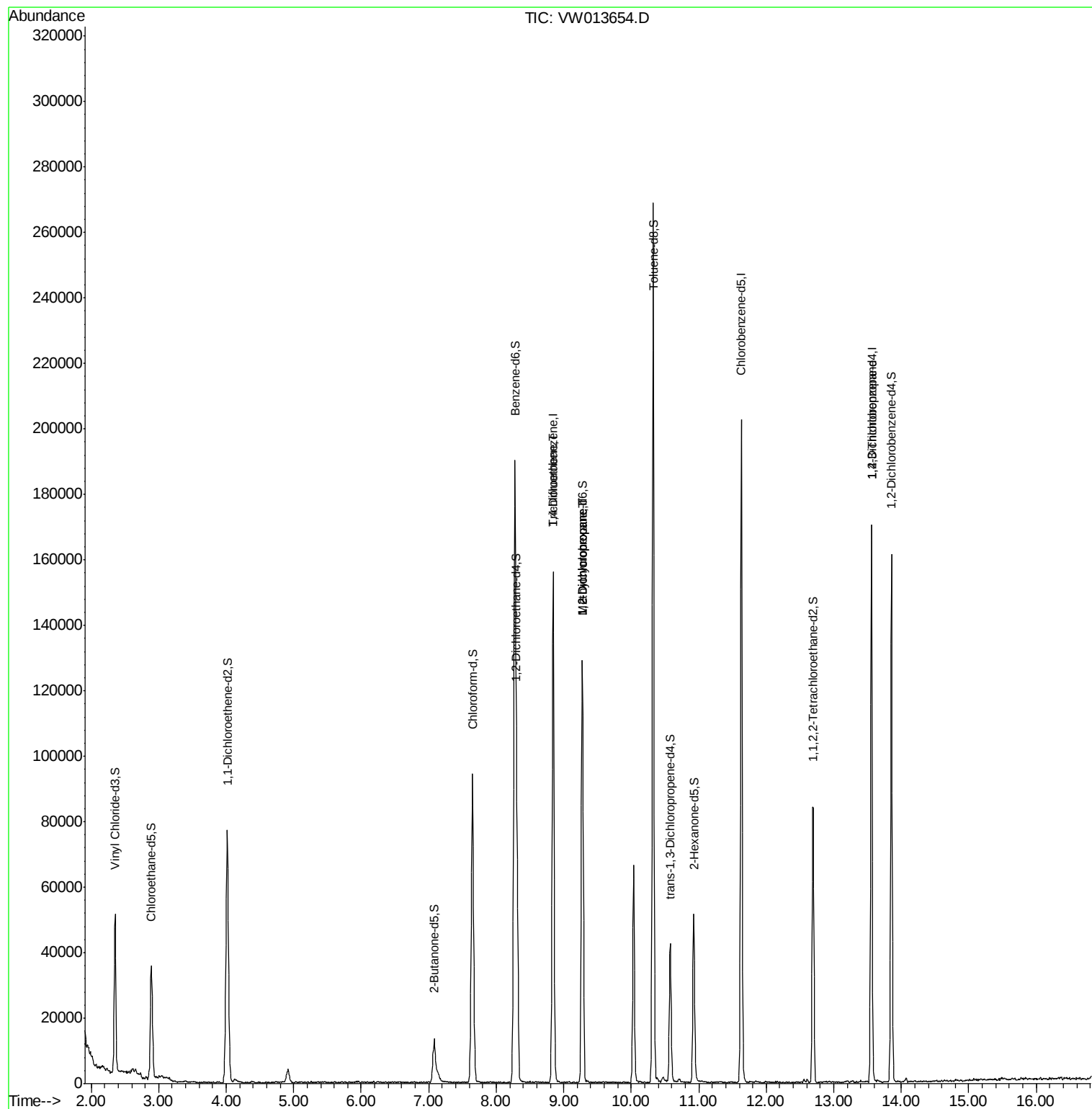
					Ovalue
35) Trichloroethene	8.84	95	3807	1.686 ug/L #	2
36) Methylcyclohexane	9.27	83	15354	3.857 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	6375	2.962 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	5567	3.837 ug/L	93

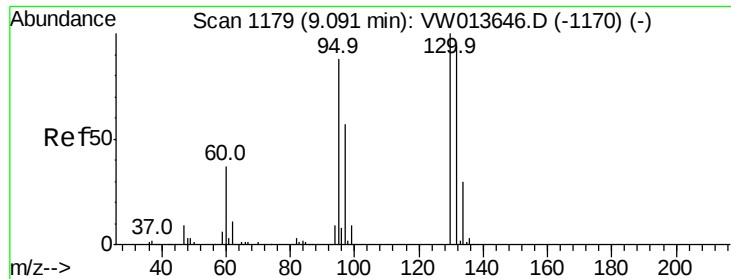
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.686 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013654.D

Acq: 22 Oct 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

C0AB9RE

Tot Ion: 95 Resp: 3807

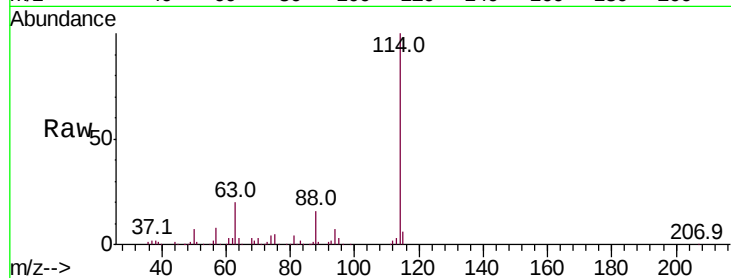
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

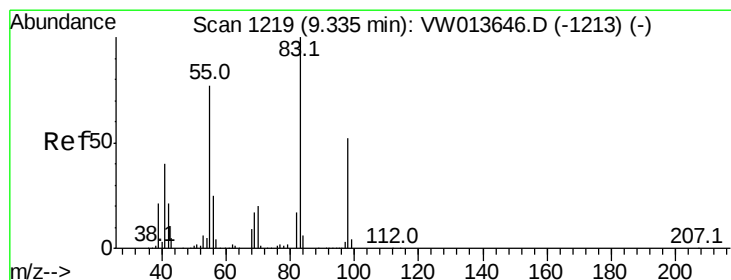
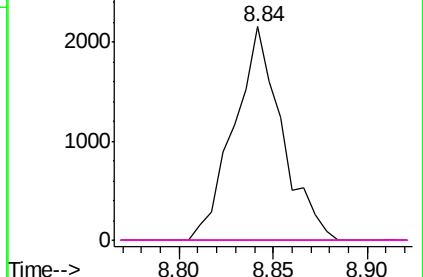
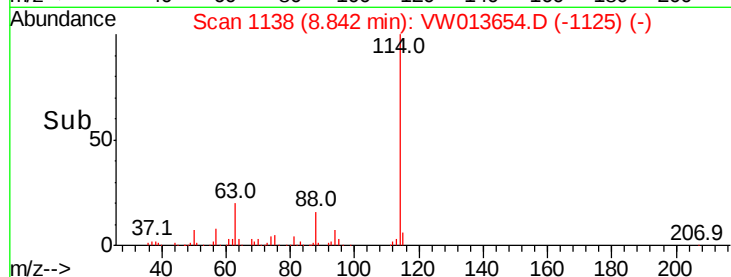


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.857 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013654.D

Acq: 22 Oct 2019 14:44

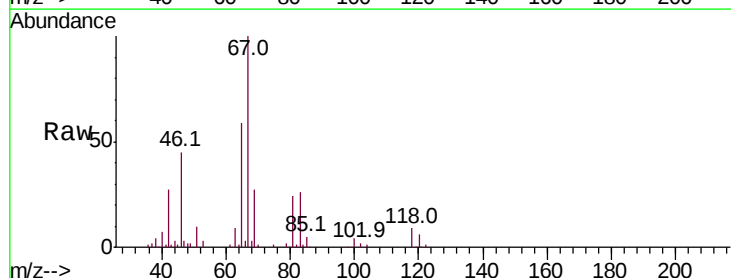
Tgt Ion: 83 Resp: 15354

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

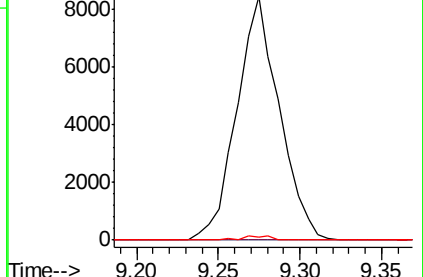
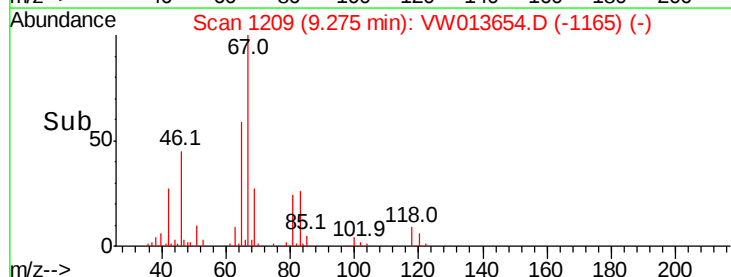
98 0.9 39.1 58.7#

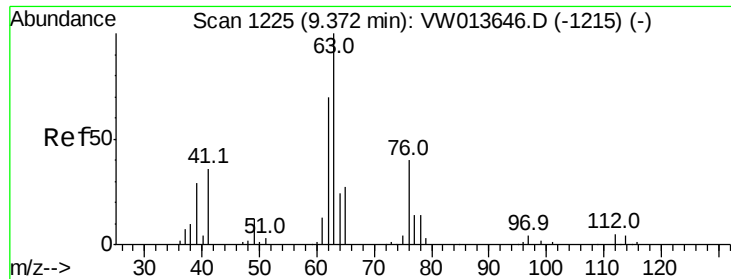


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.962 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013654.D

Acq: 22 Oct 2019 14:44

Instrument :

MSVOA_W

ClientSampled :

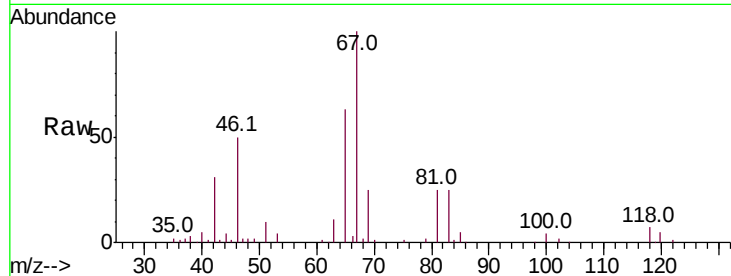
C0AB9RE

Tot Ion: 63 Resp: 6375

Ion Ratio Lower Upper

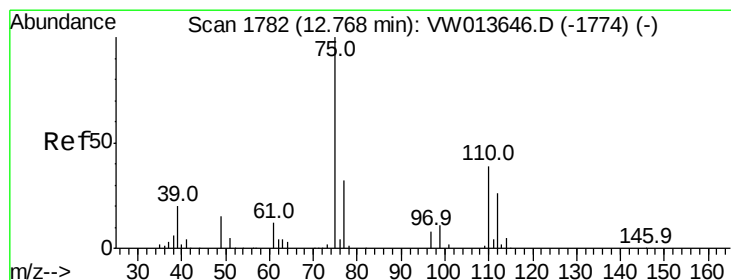
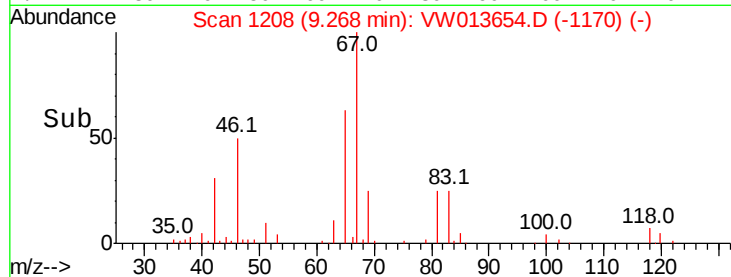
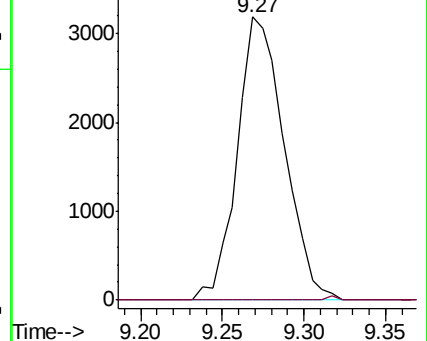
63 100

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: 3.837 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013654.D

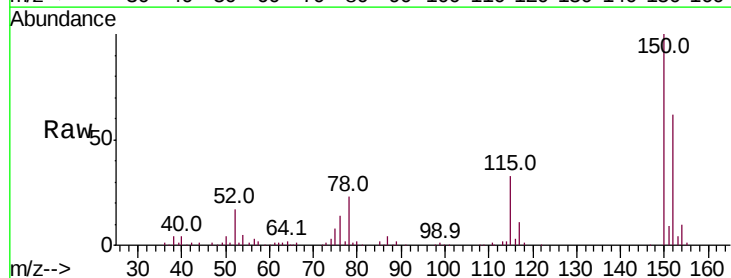
Acq: 22 Oct 2019 14:44

Tgt Ion: 75 Resp: 5567

Ion Ratio Lower Upper

75 100

77 36.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

