

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
 Data File : VW013594.D
 Acq On : 16 Oct 2019 12:37
 Operator : SY/VA
 Sample : K5354-10
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB85RE

Quant Time: Oct 16 16:40:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 16:38:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86195	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97649	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
7) Chloroethane-d5	2.89	69	83894	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.12%
10) 1,1-Dichloroethene-d2	4.01	63	164449	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.08	46	64840	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.65	84	226845	30.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.72%
26) 1,2-Dichloroethane-d4	8.31	65	118011	31.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.24%
29) Benzene-d6	8.27	84	489988	36.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.76%#
33) 1,2-Dichloropropane-d6	9.27	67	147048	36.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.44%#
37) Toluene-d8	10.32	98	412632	32.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.44%
38) trans-1,3-Dichloropropene-	10.58	79	56201	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.64%
39) 2-Hexanone-d5	10.92	63	51269	63.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94756	29.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	89487	28.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.56%

Target Compounds

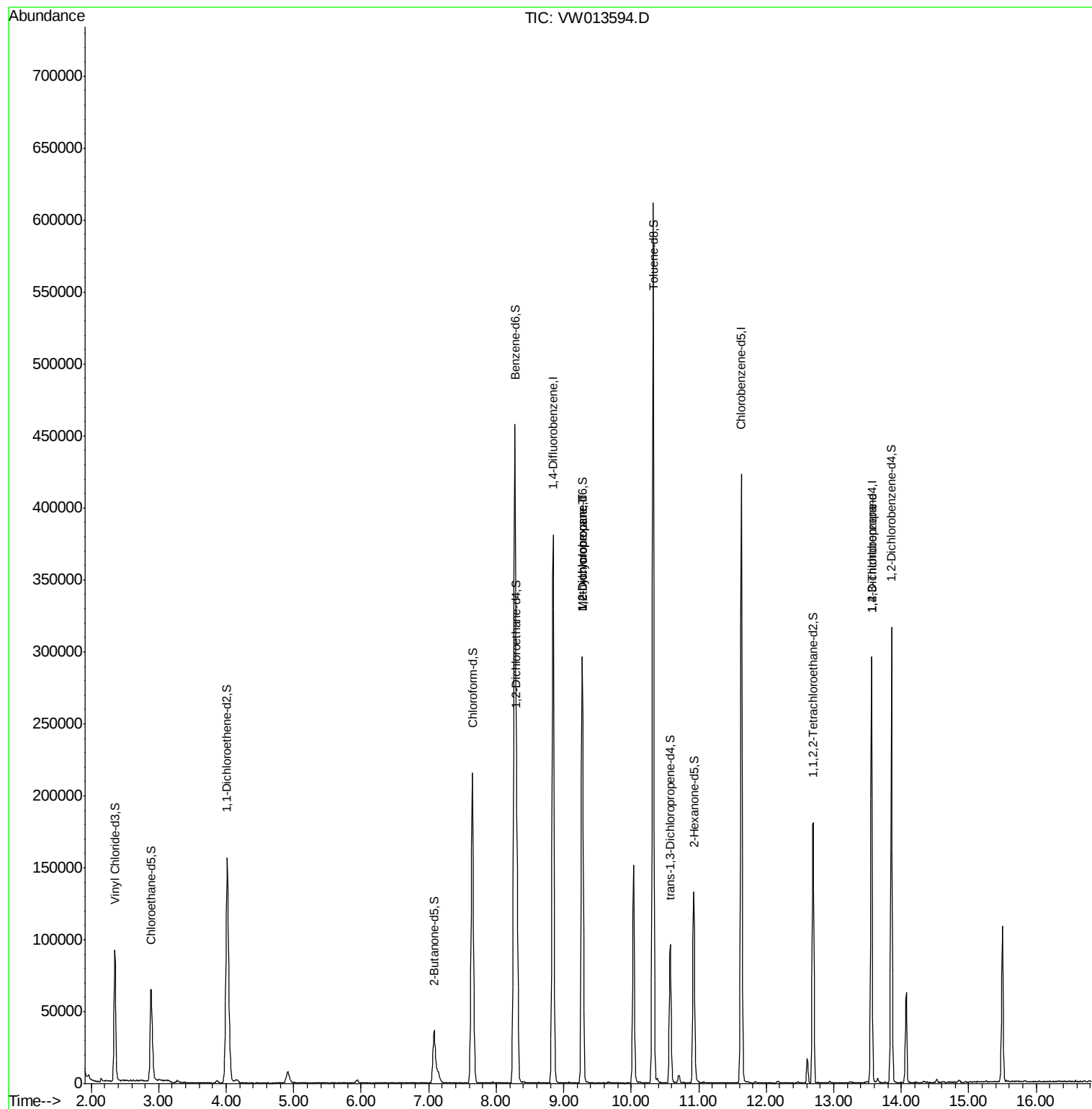
					Ovalue
36) Methylcyclohexane	9.27	83	35213	4.862 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	15473	4.206 ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	8427	3.421 ug/L	90

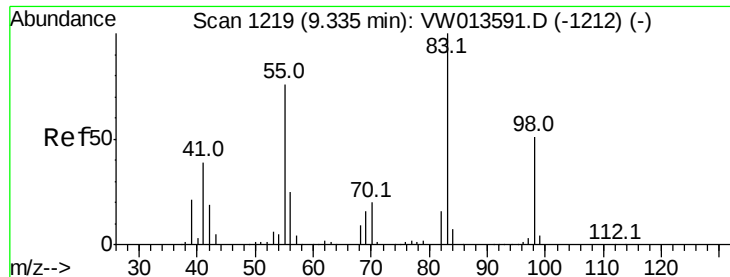
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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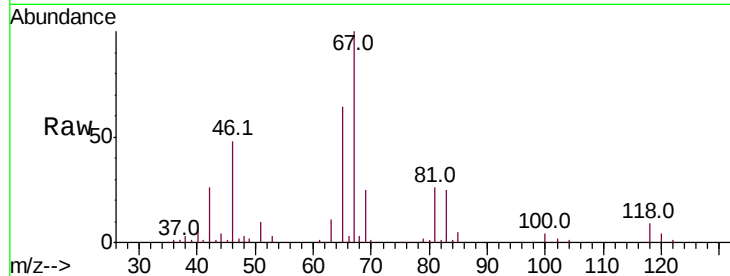




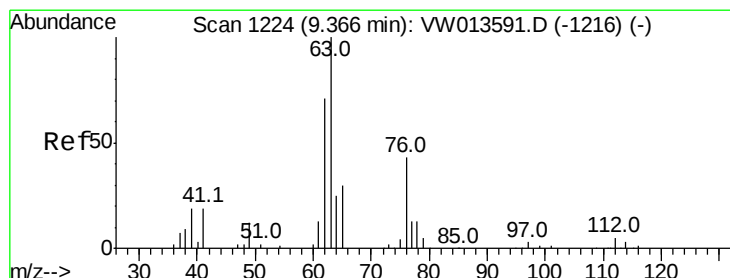
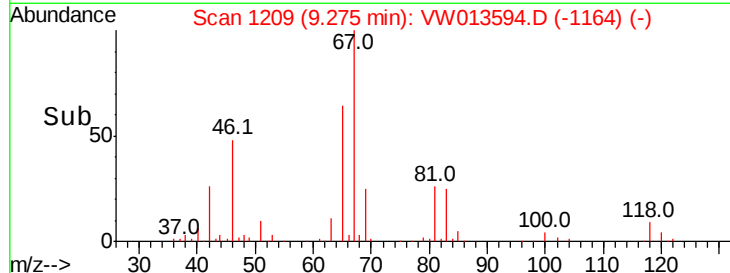
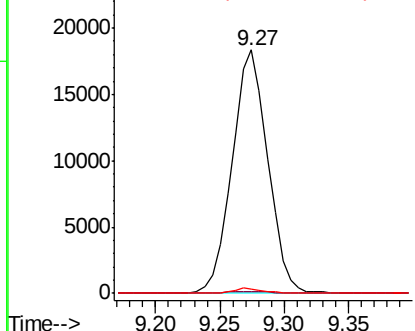
#36
Methvlcvclohexane
Concen: 4.862 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW013594.D
Acq: 16 Oct 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
BFB85RE

Tot Ion: 83 Resp: 35213
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.0 39.3 58.9#

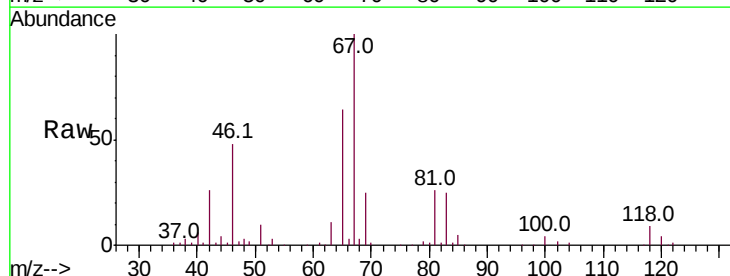


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

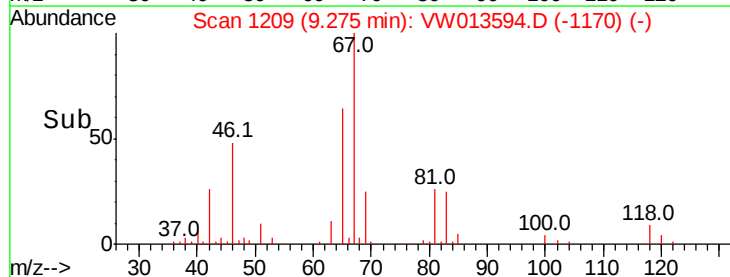
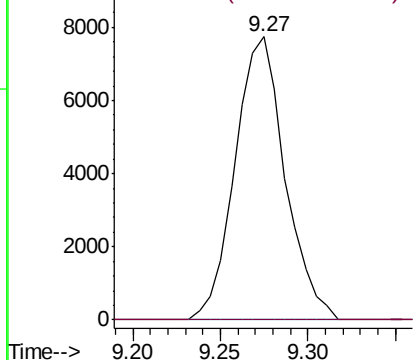


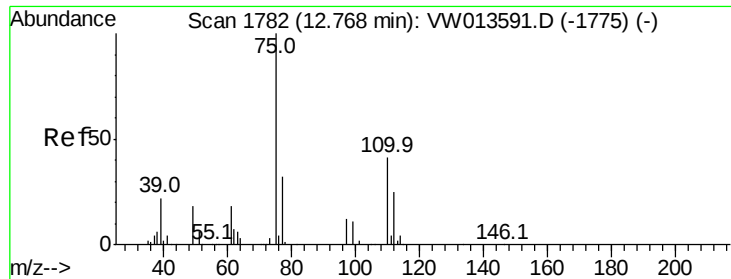
#40
1,2-Dichloropropane
Concen: 4.206 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013594.D
Acq: 16 Oct 2019 12:37

Tgt Ion: 63 Resp: 15473
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.421 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tot Ion: 75 Resp: 8427

Ion Ratio Lower Upper

75 100

77 37.3 25.5 38.3

